

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073535.D
 Acq On : 10 Jun 2022 18:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 10 23:07:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	307954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	508949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	483993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	174041	52.664	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.320%			
35) Dibromofluoromethane	7.908	113	170246	52.019	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.040%			
50) Toluene-d8	10.332	98	655928	53.009	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.020%			
62) 4-Bromofluorobenzene	12.620	95	236634	52.679	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	131209	44.677	ug/l	99
3) Chloromethane	2.209	50	135495	44.988	ug/l	93
4) Vinyl Chloride	2.344	62	133345	47.219	ug/l	95
5) Bromomethane	2.750	94	95443	47.146	ug/l	88
6) Chloroethane	2.909	64	86654	48.153	ug/l	100
7) Trichlorofluoromethane	3.262	101	274219	49.556	ug/l	94
8) Diethyl Ether	3.697	74	77953	49.225	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	154681	48.877	ug/l	95
10) Methyl Iodide	4.291	142	161917	43.219	ug/l	100
11) Tert butyl alcohol	5.226	59	90142m	166.970	ug/l	
12) 1,1-Dichloroethene	4.062	96	148392	49.384	ug/l	87
13) Acrolein	3.920	56	25980	178.492	ug/l	99
14) Allyl chloride	4.709	41	224605	50.209	ug/l #	93
15) Acrylonitrile	5.415	53	184337	259.218	ug/l	98
16) Acetone	4.150	43	134675	231.445	ug/l #	85
17) Carbon Disulfide	4.403	76	468491	49.188	ug/l	98
18) Methyl Acetate	4.709	43	78793	48.087	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	391577	54.602	ug/l	94
20) Methylene Chloride	4.956	84	192347	52.947	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	183089	50.369	ug/l	87
22) Diisopropyl ether	6.362	45	509705	52.802	ug/l #	91
23) Vinyl Acetate	6.297	43	1436666	274.342	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	307699	49.727	ug/l	99
25) 2-Butanone	7.203	43	215992	252.271	ug/l #	88
26) 2,2-Dichloropropane	7.197	77	273475	49.296	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	207755	52.871	ug/l	89
28) Bromochloromethane	7.538	49	124735	51.361	ug/l #	73
29) Tetrahydrofuran	7.561	42	147003	269.147	ug/l #	87
30) Chloroform	7.703	83	347299	52.534	ug/l	97
31) Cyclohexane	7.979	56	267286	48.012	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	300793	51.638	ug/l	95
36) 1,1-Dichloropropene	8.103	75	250919	51.047	ug/l	95
37) Ethyl Acetate	7.285	43	104570	52.666	ug/l #	92
38) Carbon Tetrachloride	8.091	117	268310	52.179	ug/l	99
39) Methylcyclohexane	9.350	83	293241	51.193	ug/l	93
40) Benzene	8.344	78	737437	51.576	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	63025	58.549	ug/l #	90
42) 1,2-Dichloroethane	8.414	62	212141	53.665	ug/l	95
43) Isopropyl Acetate	8.444	43	199206	52.146	ug/l #	91
44) Trichloroethene	9.108	130	201961	50.715	ug/l	89
45) 1,2-Dichloropropane	9.379	63	179515	50.682	ug/l	98
46) Dibromomethane	9.467	93	106179	53.214	ug/l	95
47) Bromodichloromethane	9.655	83	262170	52.437	ug/l	99
48) Methyl methacrylate	9.450	41	94490	49.934	ug/l #	77
49) 1,4-Dioxane	9.450	88	24931	1086.340	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	532257	275.356	ug/l	91
52) Toluene	10.391	92	494442	53.918	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	248779	53.053	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	287834	52.411	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	145542	51.143	ug/l	97
56) Ethyl methacrylate	10.650	69	183244	56.202	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	245283	52.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	348328	259.843	ug/l	93
59) 2-Hexanone	10.973	43	373497	282.141	ug/l	93
60) Dibromochloromethane	11.132	129	189834	54.048	ug/l	99
61) 1,2-Dibromoethane	11.238	107	140931	51.976	ug/l	95
64) Tetrachloroethene	10.867	164	164683	49.979	ug/l	94
65) Chlorobenzene	11.661	112	525069	52.727	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	200538	53.076	ug/l	99
67) Ethyl Benzene	11.738	91	929869	53.433	ug/l	100
68) m/p-Xylenes	11.844	106	729615	106.838	ug/l	99
69) o-Xylene	12.167	106	342616	54.523	ug/l	95
70) Styrene	12.185	104	604626	55.782	ug/l	97
71) Bromoform	12.344	173	111954	54.189	ug/l #	100
73) Isopropylbenzene	12.467	105	903331	51.385	ug/l	99
74) N-amyl acetate	12.279	43	202249	51.715	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	167809	50.283	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	121854m	49.456	ug/l	
77) Bromobenzene	12.749	156	215411	50.174	ug/l	91
78) n-propylbenzene	12.808	91	1107089	50.593	ug/l	97
79) 2-Chlorotoluene	12.896	91	645567	50.754	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	779047	51.382	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	54043	51.483	ug/l	86
82) 4-Chlorotoluene	12.991	91	688037	51.310	ug/l	99
83) tert-Butylbenzene	13.208	119	671812	52.426	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	776644	51.322	ug/l	98
85) sec-Butylbenzene	13.385	105	970657	50.564	ug/l	98
86) p-Isopropyltoluene	13.502	119	823988	51.492	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	436232	49.761	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	438120	50.518	ug/l	99
89) n-Butylbenzene	13.826	91	760359	50.370	ug/l	98
90) Hexachloroethane	14.096	117	164412	49.613	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	388038	51.319	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27740	52.046	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	231141	51.048	ug/l	99
94) Hexachlorobutadiene	15.249	225	116683	46.979	ug/l	98
95) Naphthalene	15.379	128	455416	49.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	205365	51.943	ug/l	100

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ClientSampleId :
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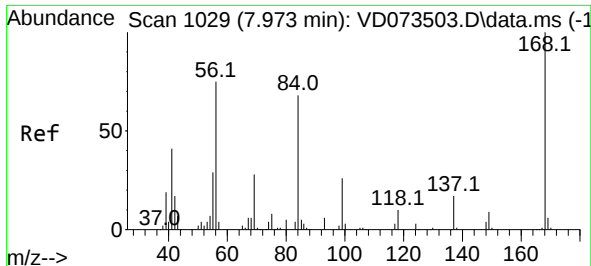
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

Quant Time: Jun 10 23:07:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

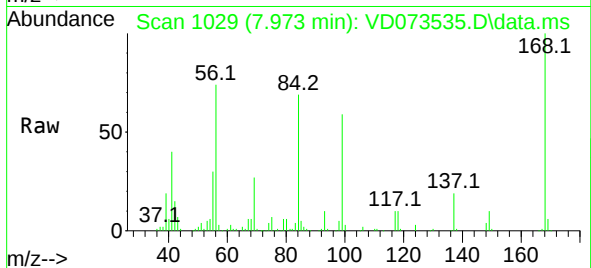
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

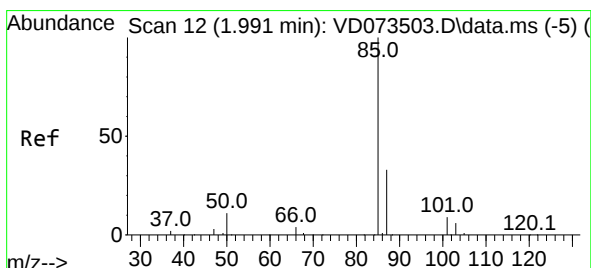
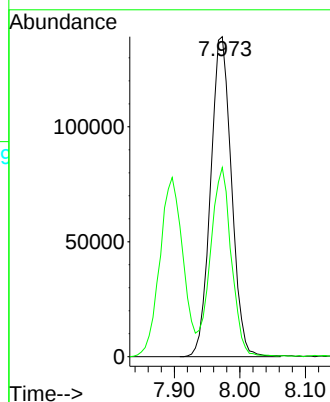
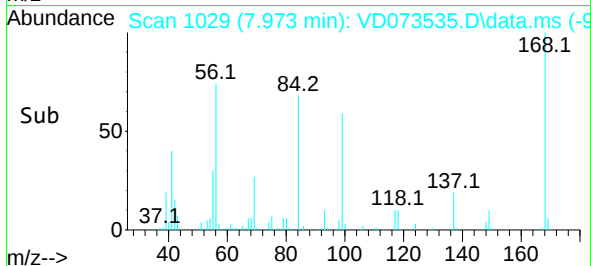
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



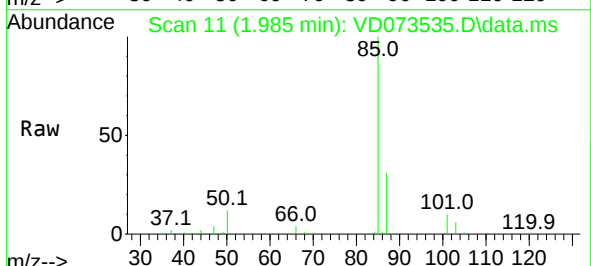
Tgt Ion:168 Resp: 307954
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6

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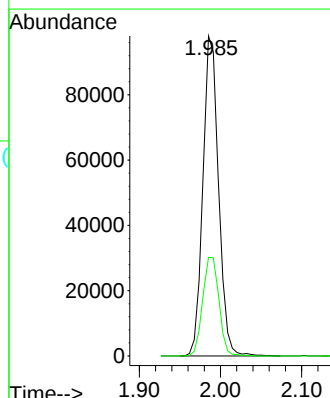
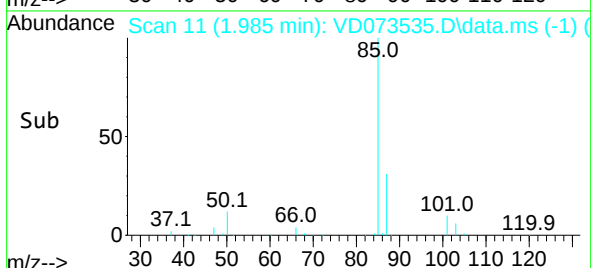
Reviewed By :John Carlone 06/11/2022
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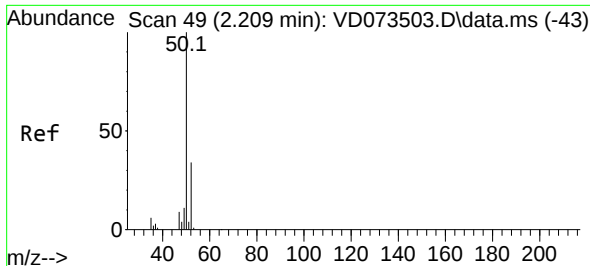


#2
Dichlorodifluoromethane
Concen: 44.677 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



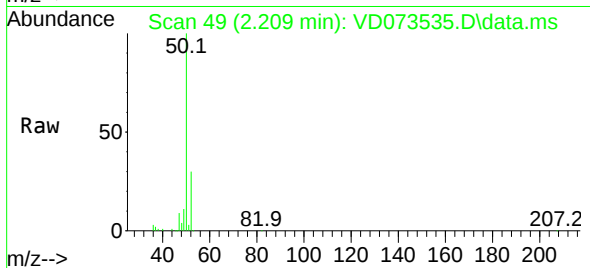
Tgt Ion: 85 Resp: 131209
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0





#3
Chloromethane
Concen: 44.988 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

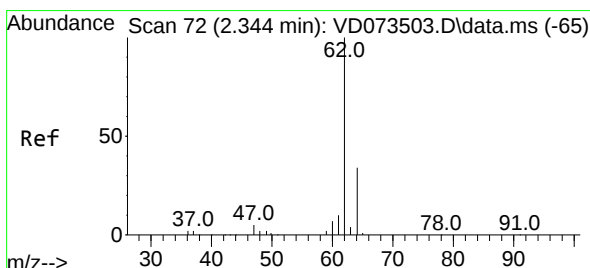
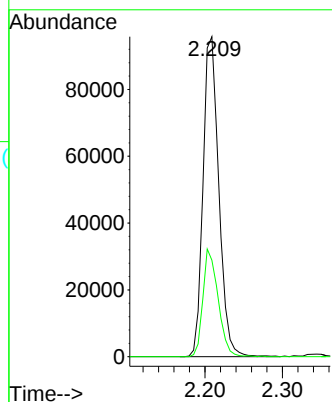
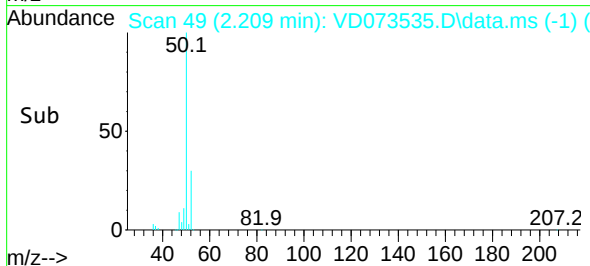
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 135495
Ion Ratio Lower Upper
50 100
52 30.1 27.4 41.0

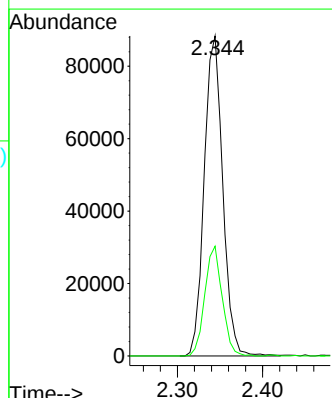
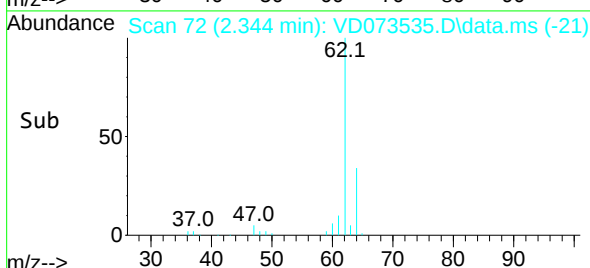
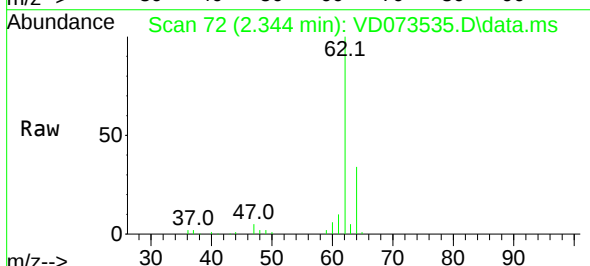
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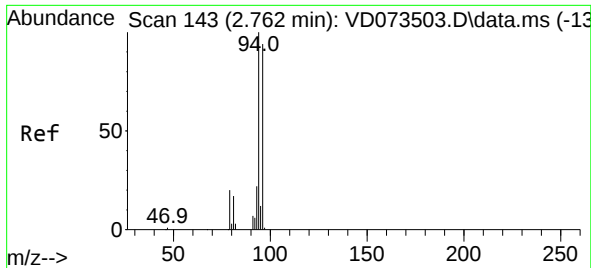
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#4
Vinyl Chloride
Concen: 47.219 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

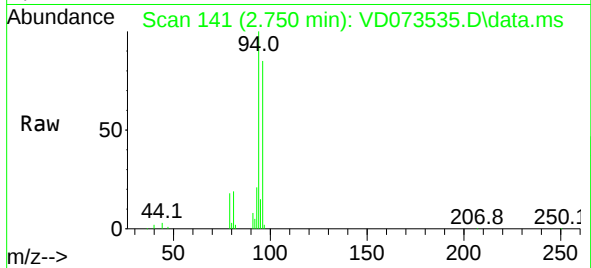
Tgt Ion: 62 Resp: 133345
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0





#5
Bromomethane
Concen: 47.146 ug/l
RT: 2.750 min Scan# 143
Delta R.T. -0.012 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

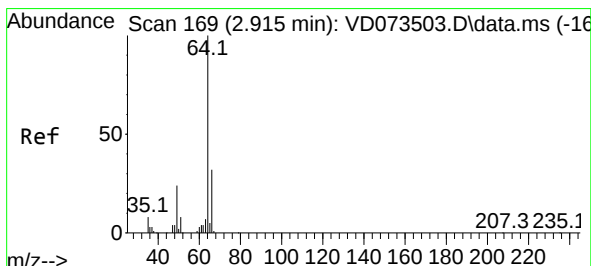
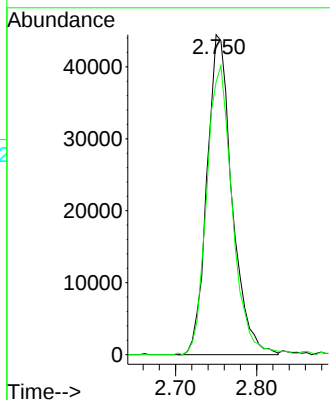
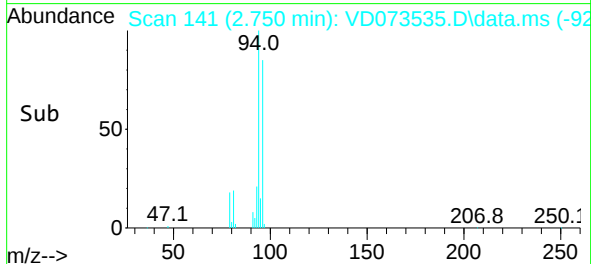
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Tgt Ion: 94 Resp: 9544
Ion Ratio Lower Upper
94 100
96 84.8 77.6 116.4

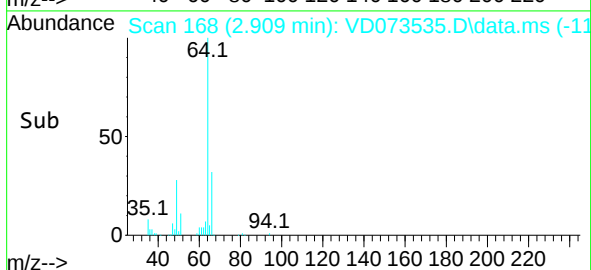
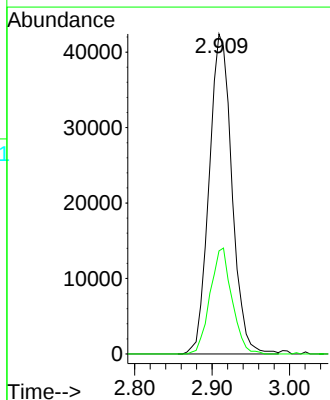
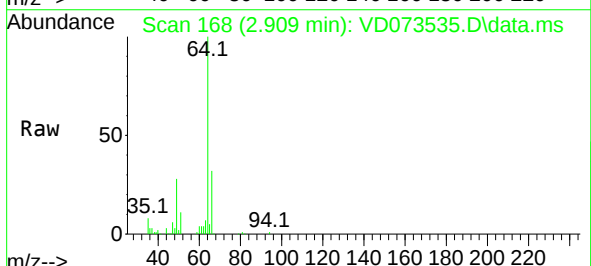
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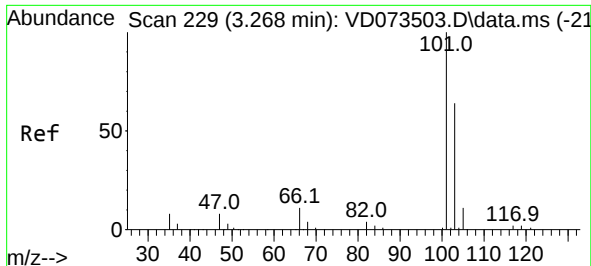
Reviewed By :John Carlone 06/11/2022
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#6
Chloroethane
Concen: 48.153 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

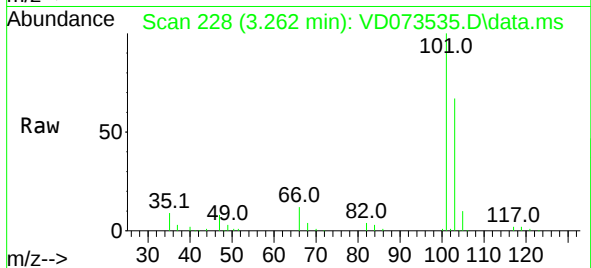
Tgt Ion: 64 Resp: 86654
Ion Ratio Lower Upper
64 100
66 32.2 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.556 ug/l
RT: 3.262 min Scan# 219
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

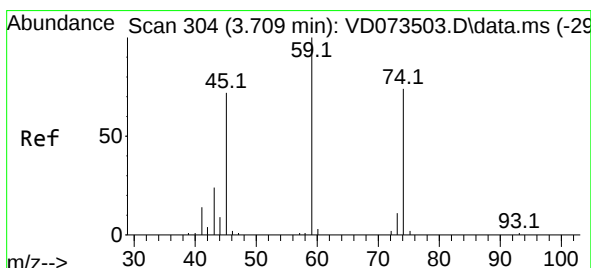
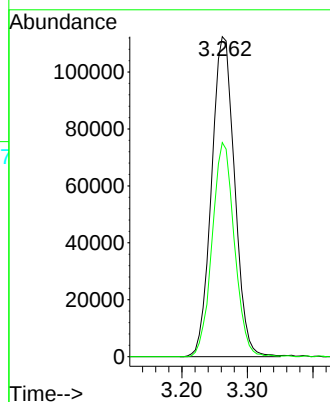
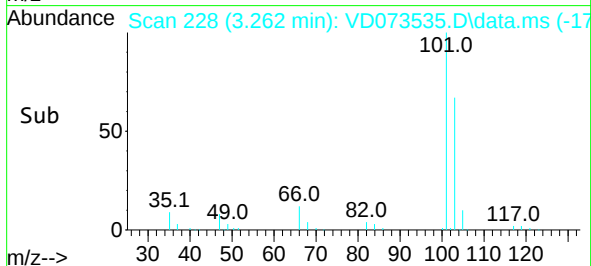
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



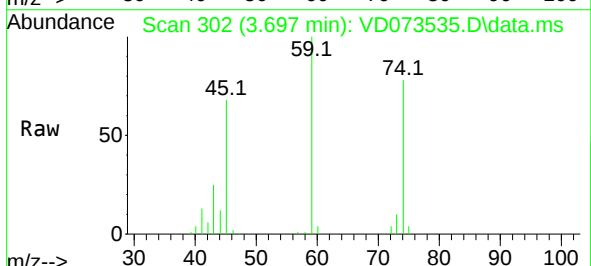
Tgt Ion:101 Resp: 274219
Ion Ratio Lower Upper
101 100
103 66.9 50.1 75.1

Manual Integrations
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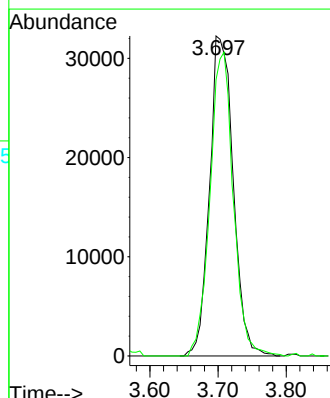
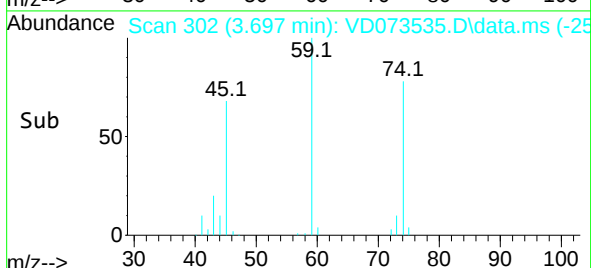
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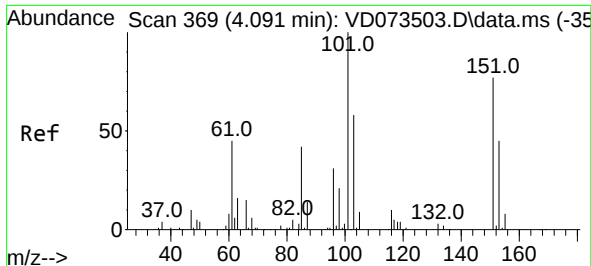


#8
Diethyl Ether
Concen: 49.225 ug/l
RT: 3.697 min Scan# 302
Delta R.T. -0.012 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



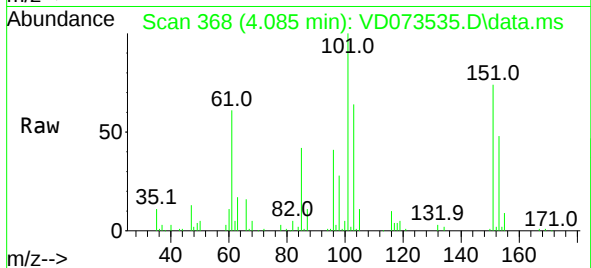
Tgt Ion: 74 Resp: 77953
Ion Ratio Lower Upper
74 100
45 93.6 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.877 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

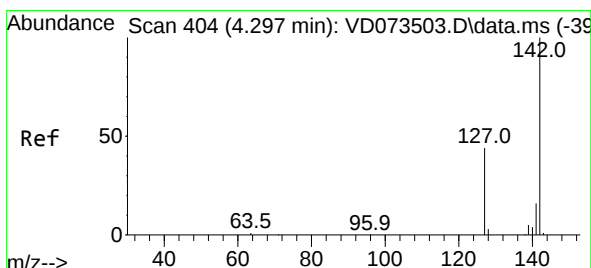
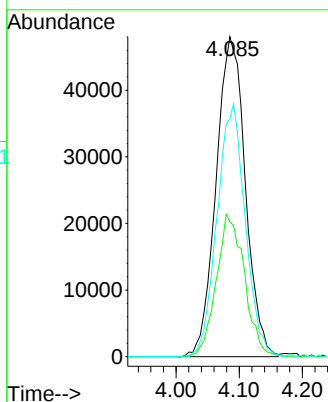
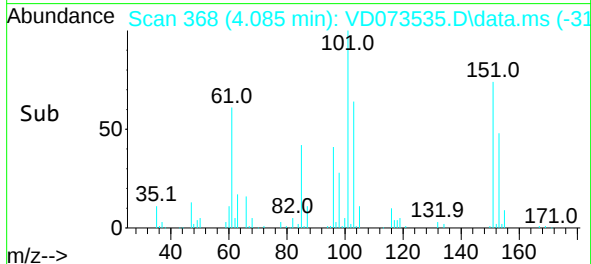
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



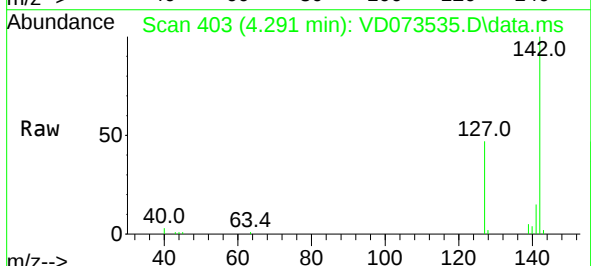
Tgt Ion:101 Resp: 15468
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 76.1 57.3 85.9

Manual Integrations
APPROVED

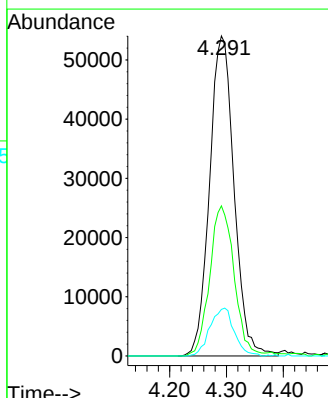
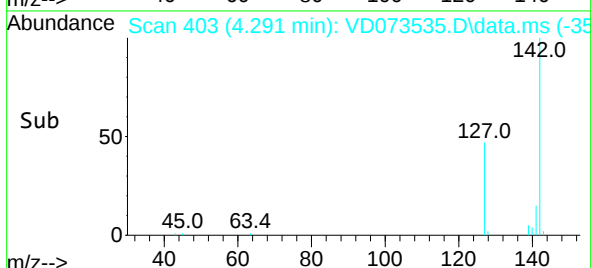
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

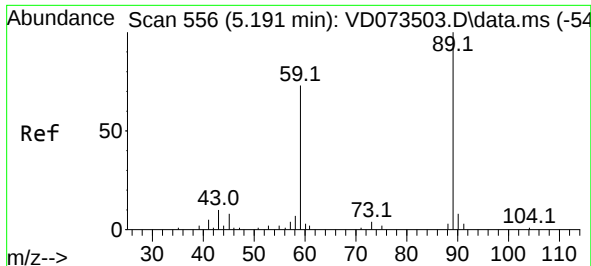


#10
Methyl Iodide
Concen: 43.219 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



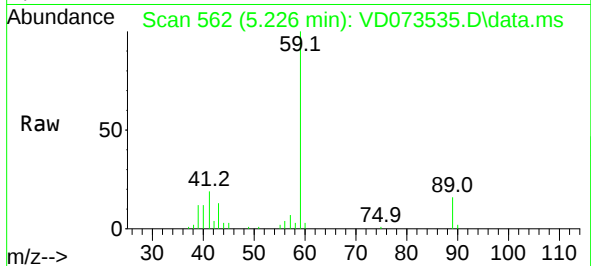
Tgt Ion:142 Resp: 161917
Ion Ratio Lower Upper
142 100
127 46.7 37.3 55.9
141 14.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 166.970 ug/l m
RT: 5.226 min Scan# 5
Delta R.T. 0.035 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

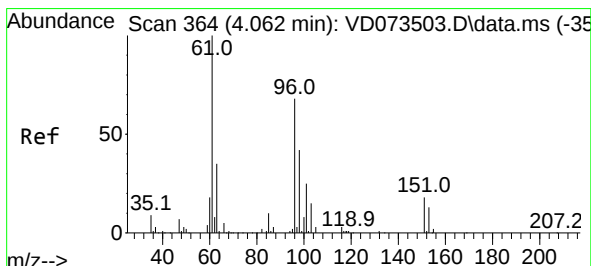
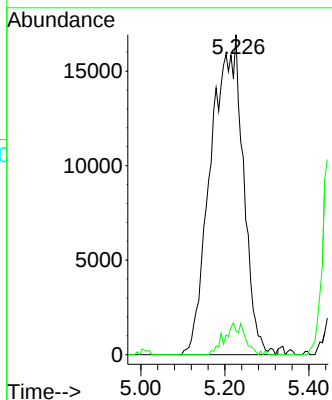
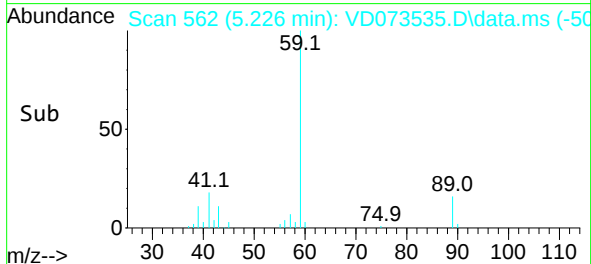
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



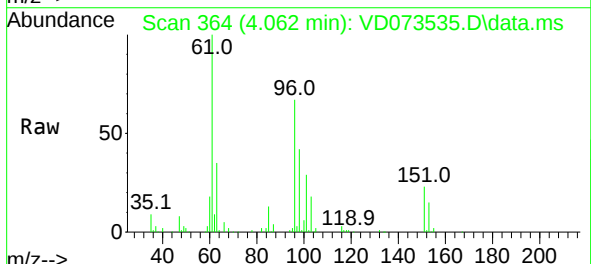
Tgt Ion: 59 Resp: 90142
Ion Ratio Lower Upper
59 100
57 4.1 7.8 11.6

Manual Integrations
APPROVED

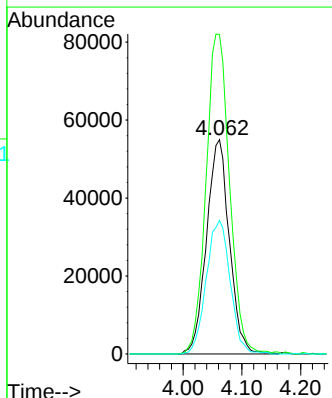
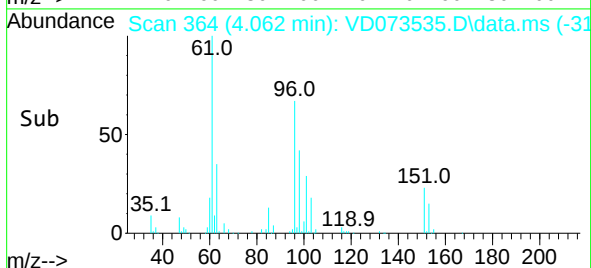
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

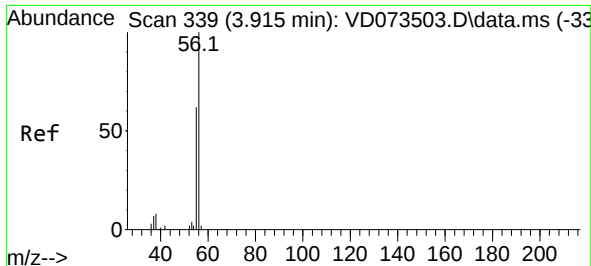


#12
1,1-Dichloroethene
Concen: 49.384 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



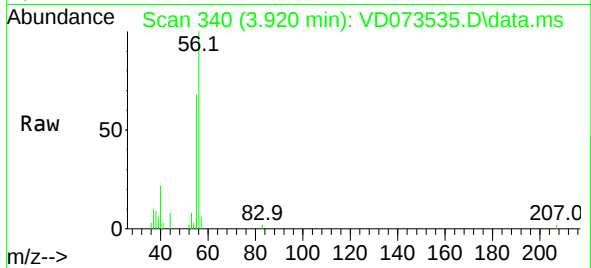
Tgt Ion: 96 Resp: 148392
Ion Ratio Lower Upper
96 100
61 149.1 138.5 207.7
98 62.3 48.6 73.0





#13
Acrolein
Concen: 178.492 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.005 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

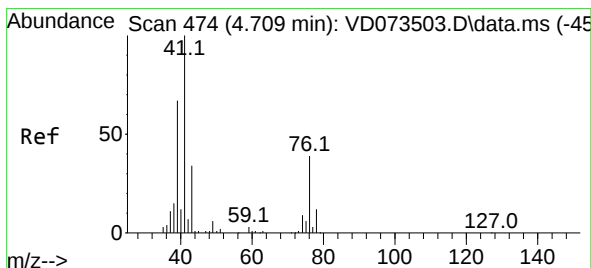
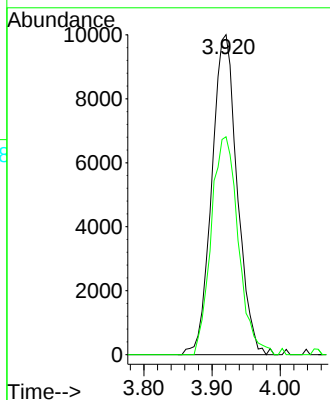
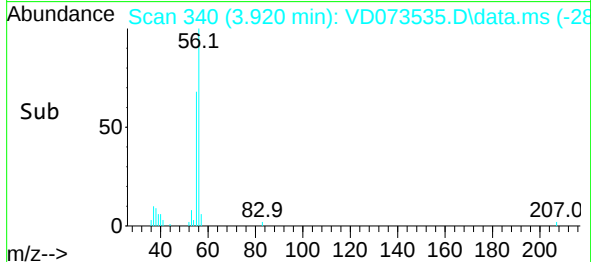
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 25980
Ion Ratio Lower Upper
56 100
55 72.6 57.1 85.7

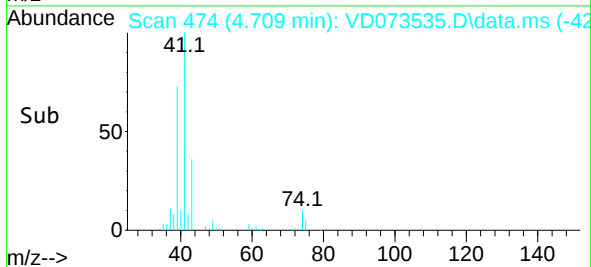
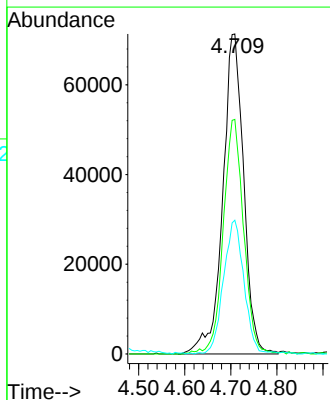
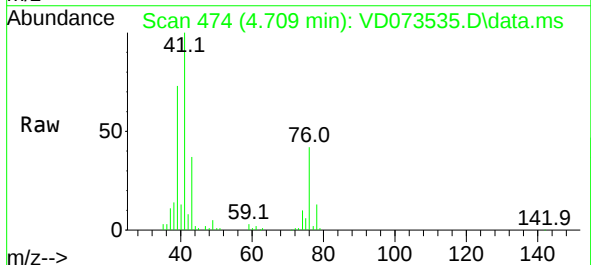
Manual Integrations
APPROVED

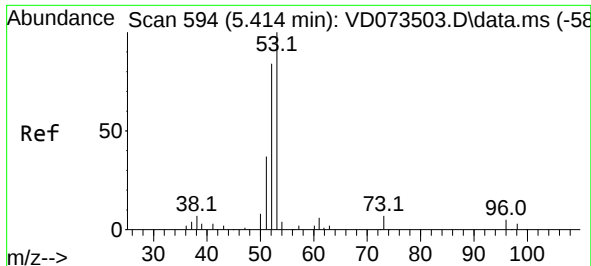
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#14
Allyl chloride
Concen: 50.209 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

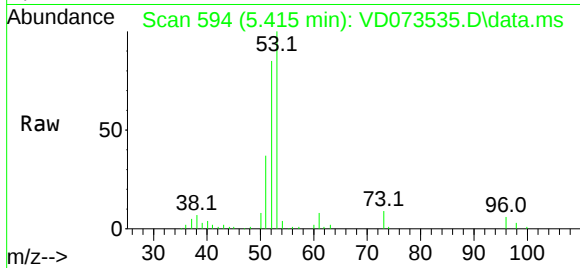
Tgt Ion: 41 Resp: 224605
Ion Ratio Lower Upper
41 100
39 71.1 59.3 88.9
76 40.8 25.7 38.5





#15
Acrylonitrile
Concen: 259.218 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

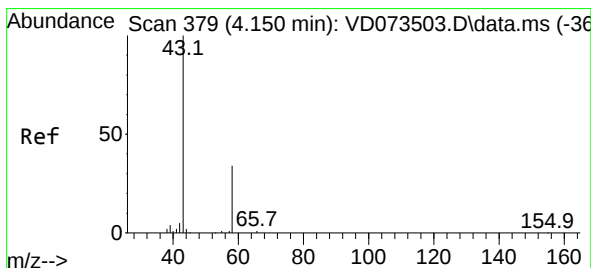
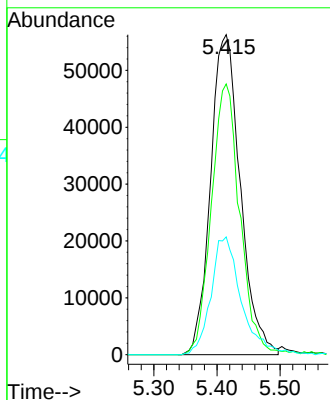
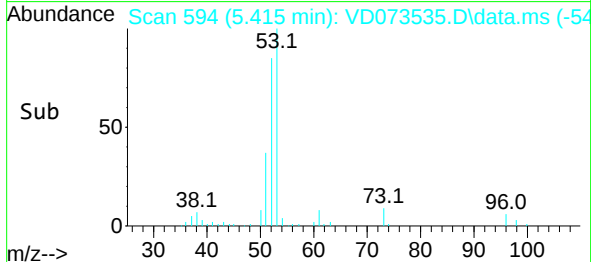
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 18433
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 37.7 30.3 45.5

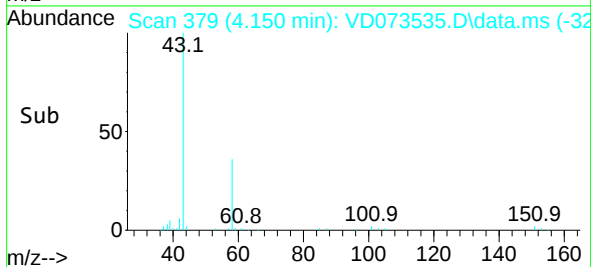
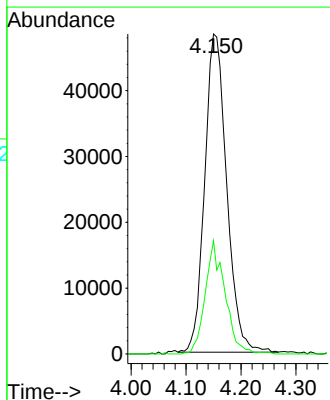
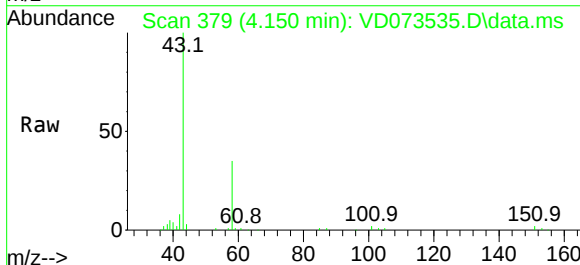
Manual Integrations
APPROVED

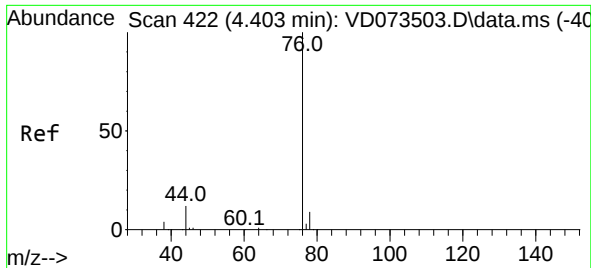
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#16
Acetone
Concen: 231.445 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

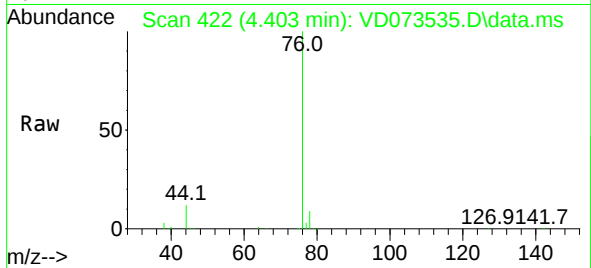
Tgt Ion: 43 Resp: 134675
Ion Ratio Lower Upper
43 100
58 35.6 22.1 33.1#





#17
Carbon Disulfide
Concen: 49.188 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

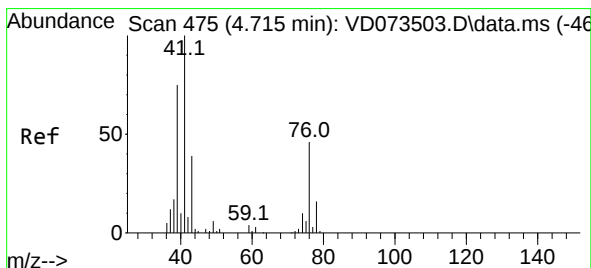
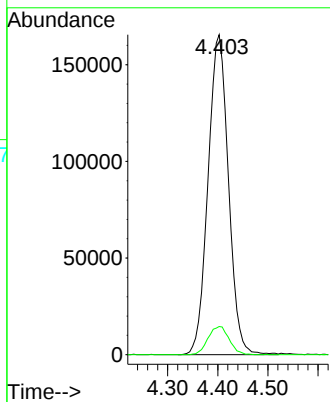
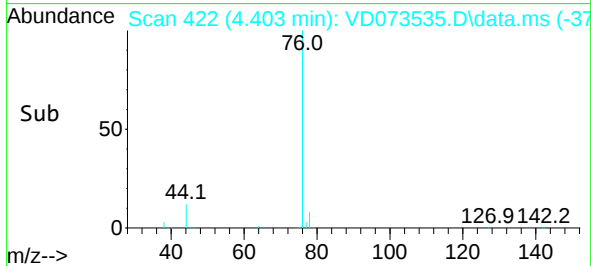
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



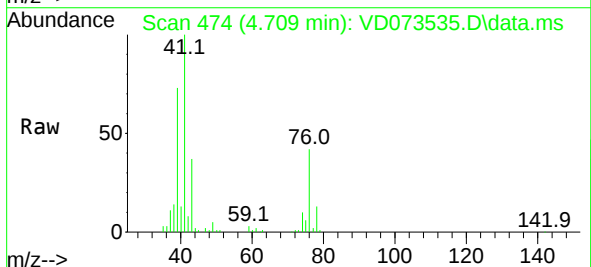
Tgt Ion: 76 Resp: 46849
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

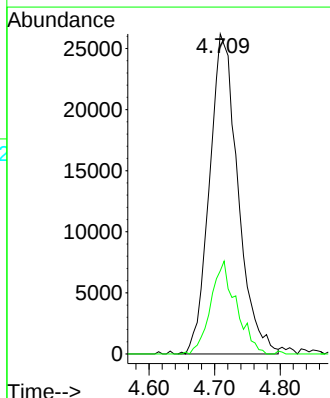
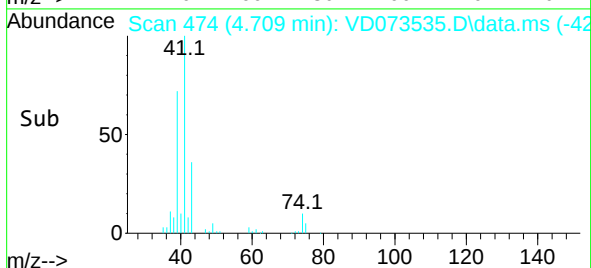
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

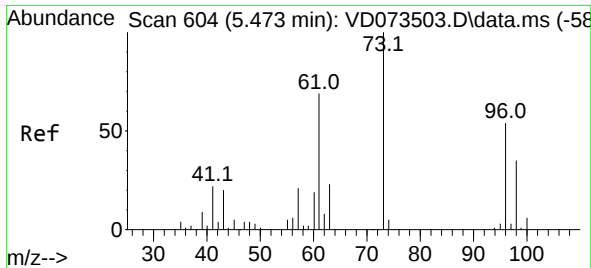


#18
Methyl Acetate
Concen: 48.087 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



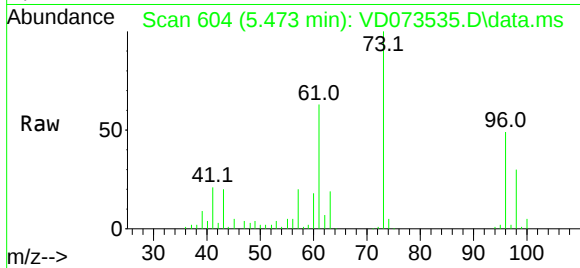
Tgt Ion: 43 Resp: 78793
Ion Ratio Lower Upper
43 100
74 26.1 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 54.602 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

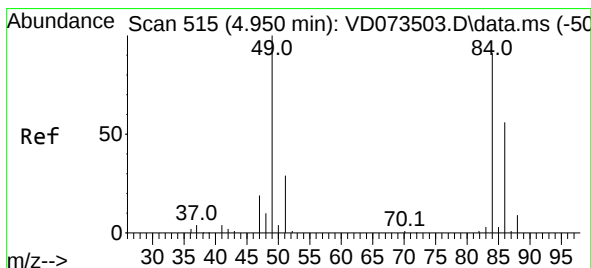
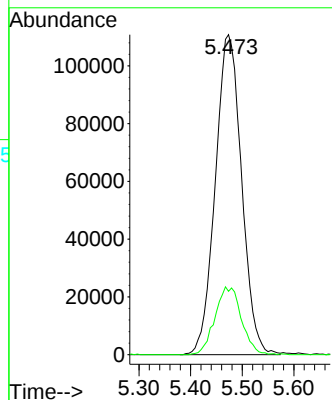
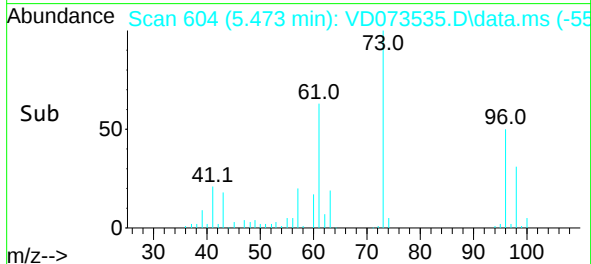
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 39157
Ion Ratio Lower Upper
73 100
57 19.8 18.0 27.0

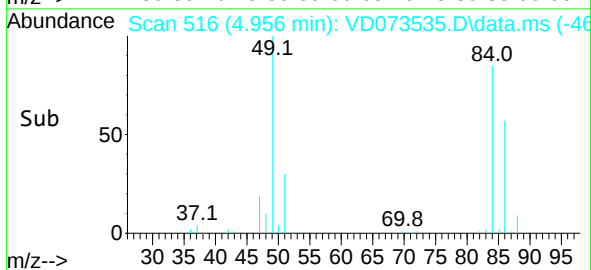
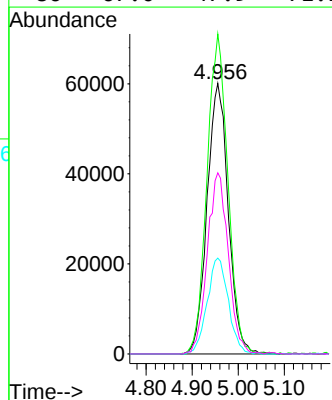
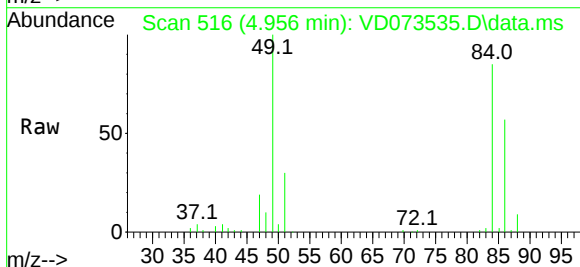
Manual Integrations
APPROVED

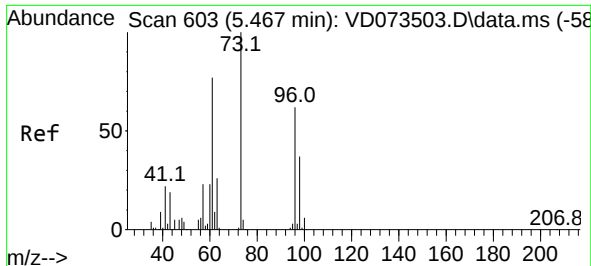
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#20
Methylene Chloride
Concen: 52.947 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

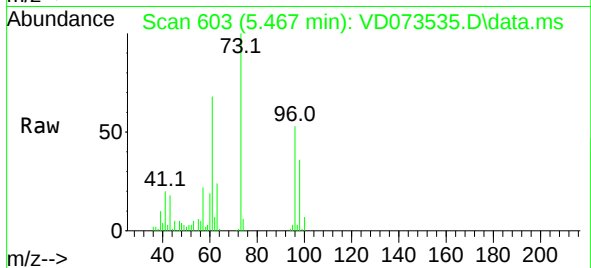
Tgt Ion: 84 Resp: 192347
Ion Ratio Lower Upper
84 100
49 118.3 112.8 169.2
51 35.5 32.6 48.8
86 67.0 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 50.369 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

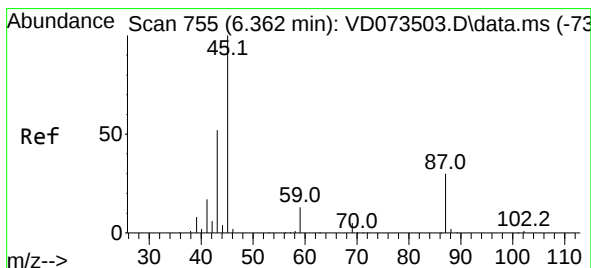
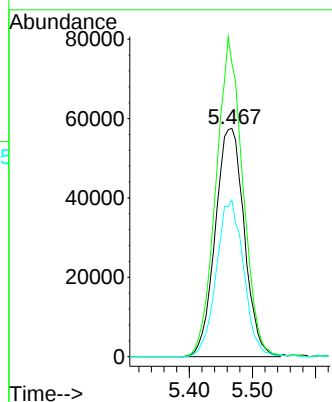
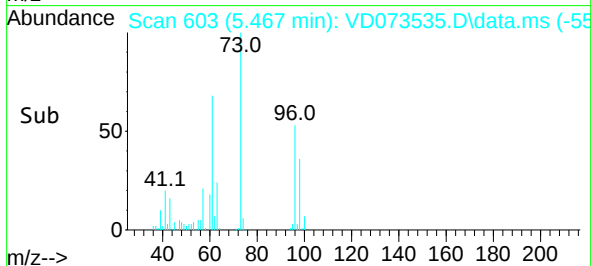
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



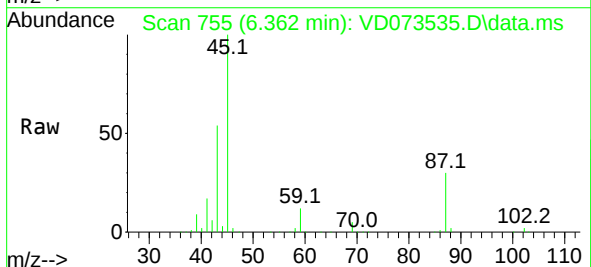
Tgt Ion: 96 Resp: 183089
Ion Ratio Lower Upper
96 100
61 128.6 117.9 176.9
98 68.7 49.4 74.2

Manual Integrations
APPROVED

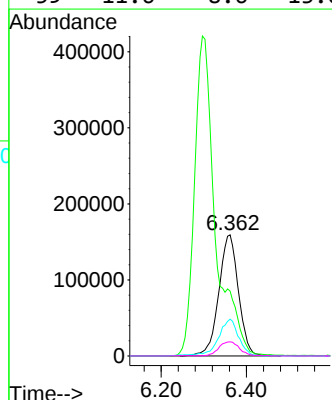
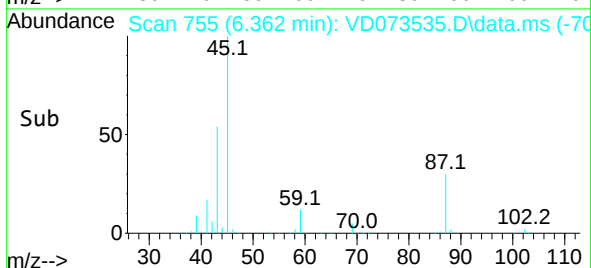
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

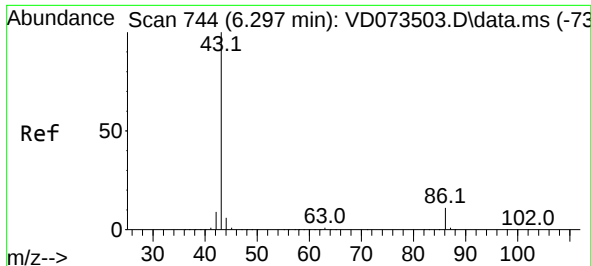


#22
Diisopropyl ether
Concen: 52.802 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



Tgt Ion: 45 Resp: 509705
Ion Ratio Lower Upper
45 100
43 52.9 46.6 70.0
87 30.3 18.4 27.6#
59 11.6 8.6 13.0





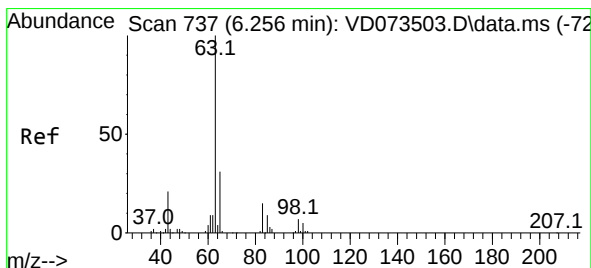
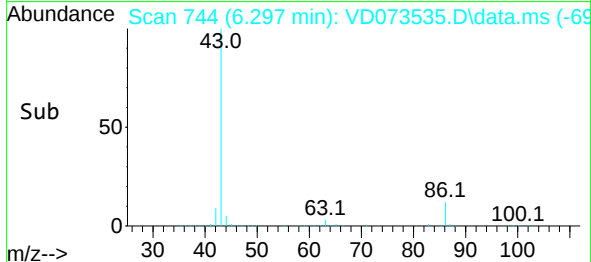
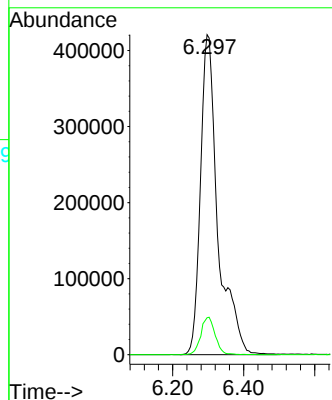
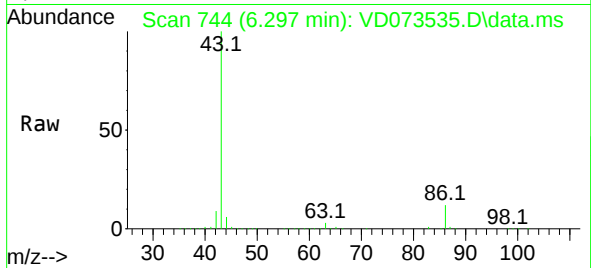
#23
 Vinyl Acetate
 Concen: 274.342 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073535.D
 Acq: 10 Jun 2022 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 143666
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7

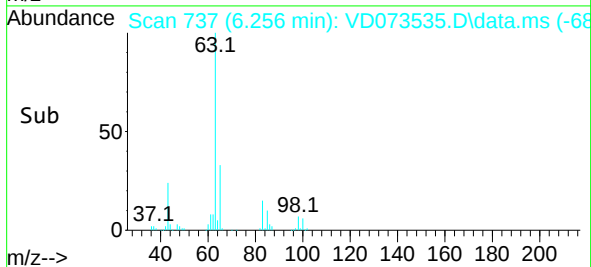
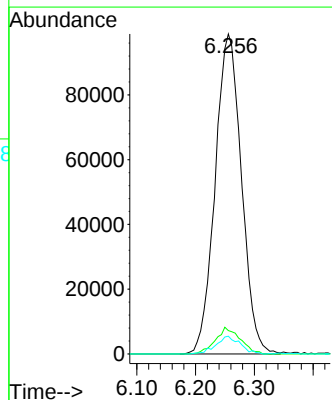
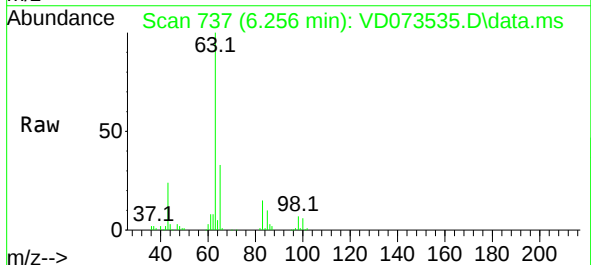
Manual Integrations
 APPROVED

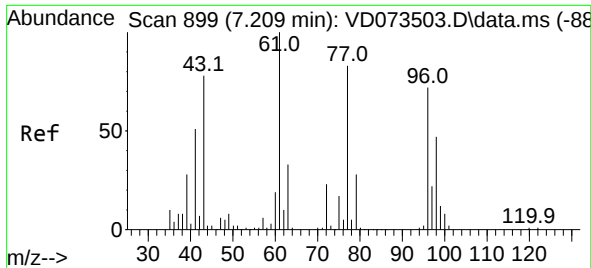
Reviewed By :John Carlone 06/11/2022
 Supervised By :Mahesh Dadoda 06/13/2022



#24
 1,1-Dichloroethane
 Concen: 49.727 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073535.D
 Acq: 10 Jun 2022 18:30

Tgt Ion: 63 Resp: 307699
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.6 2.1 6.5





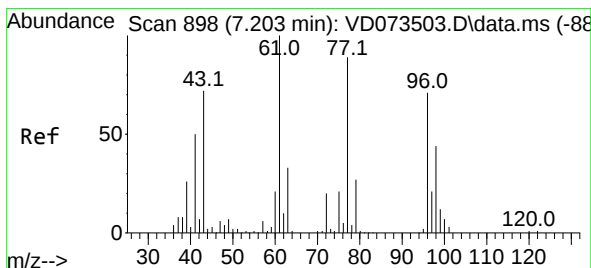
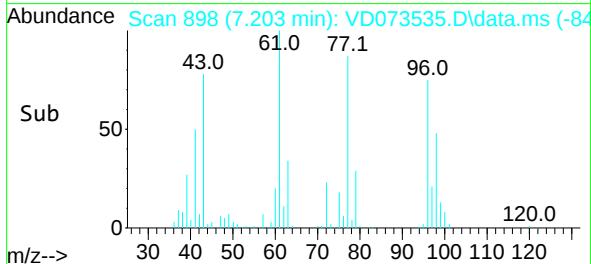
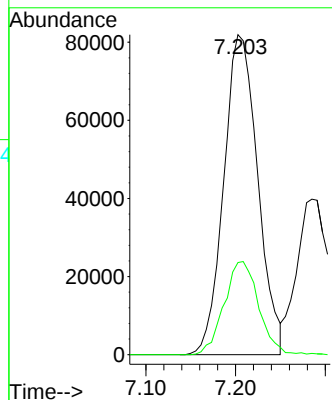
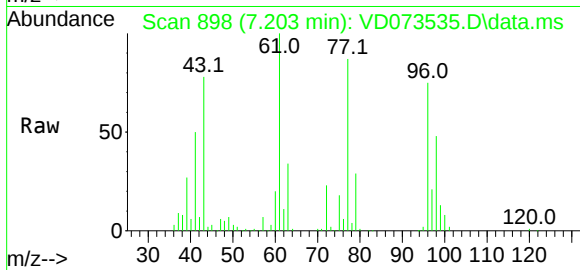
#25
2-Butanone
Concen: 252.271 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 215992
Ion Ratio Lower Upper
43 100
72 28.8 18.6 27.8

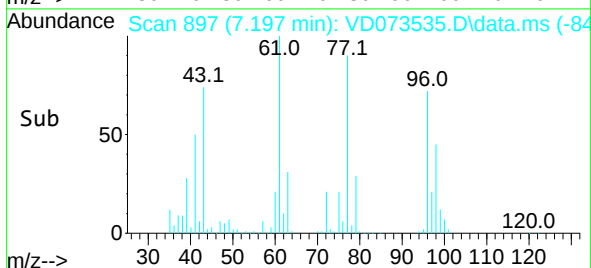
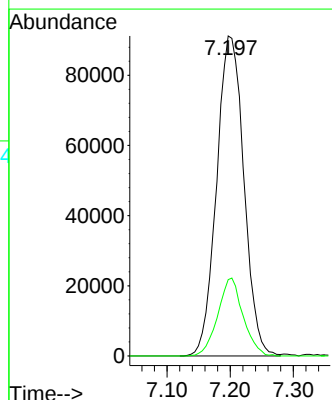
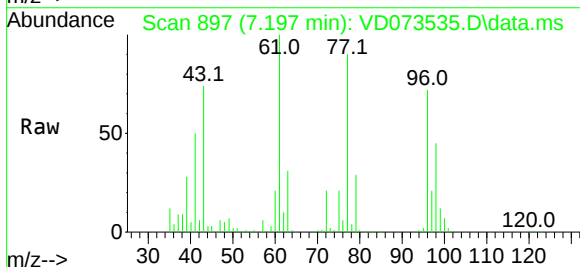
Manual Integrations
APPROVED

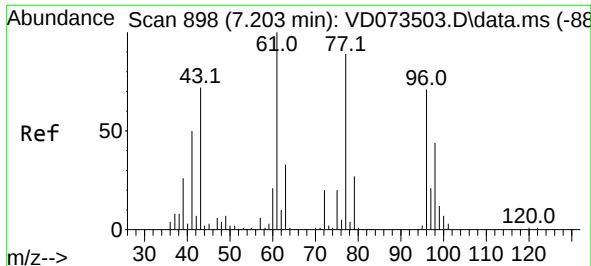
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#26
2,2-Dichloropropane
Concen: 49.296 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

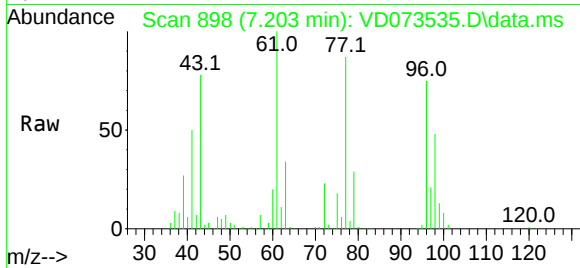
Tgt Ion: 77 Resp: 273475
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 52.871 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

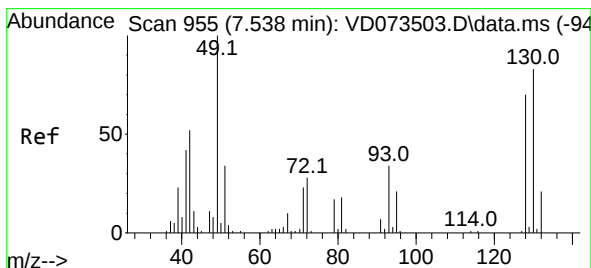
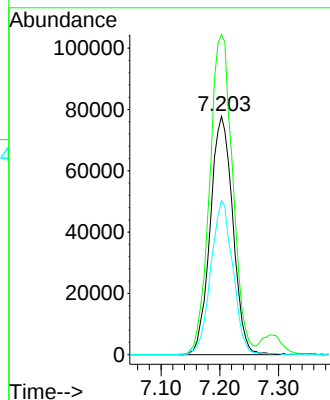
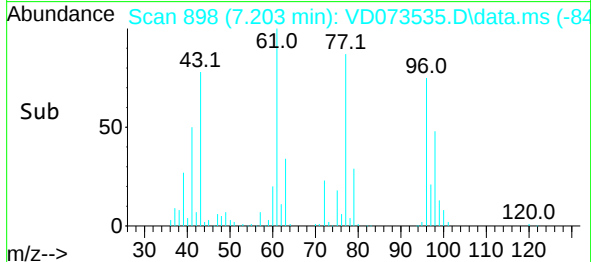
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 20775
Ion Ratio Lower Upper
96 100
61 137.4 0.0 313.8
98 63.2 0.0 128.8

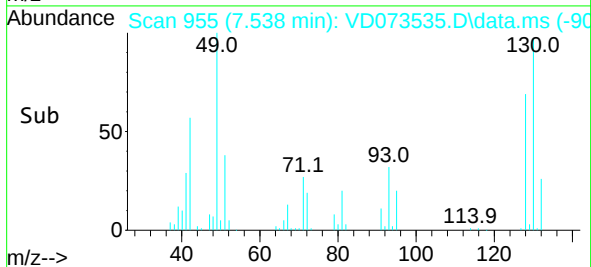
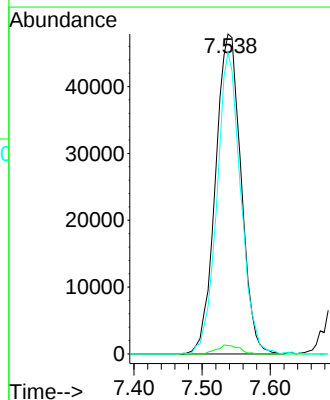
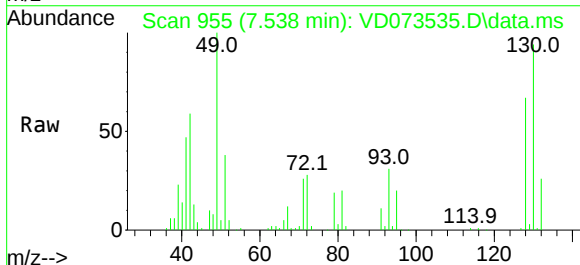
Manual Integrations
APPROVED

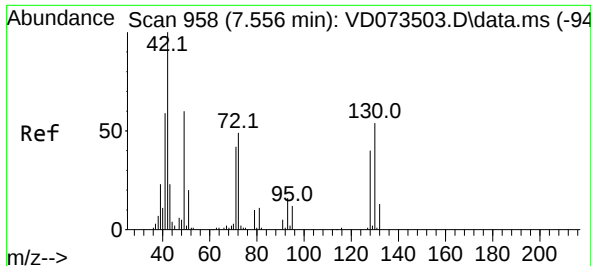
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#28
Bromochloromethane
Concen: 51.361 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

Tgt Ion: 49 Resp: 124735
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 87.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 269.147 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.005 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 147000

Ion Ratio Lower Upper

42 100

72 46.6 30.7 46.1

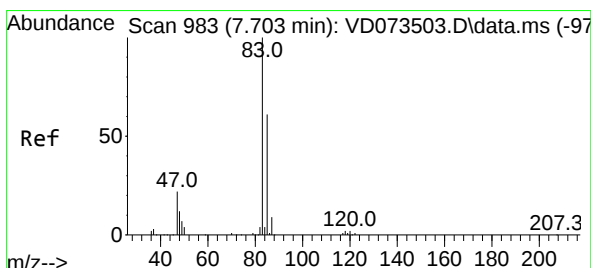
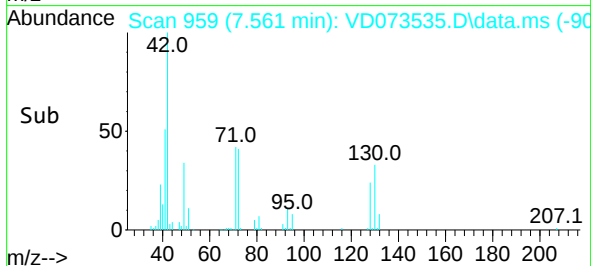
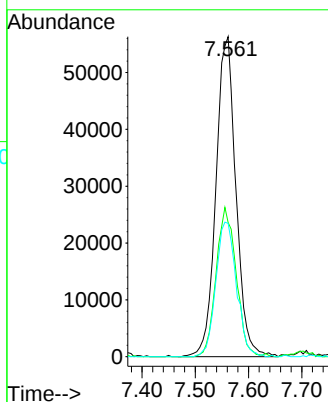
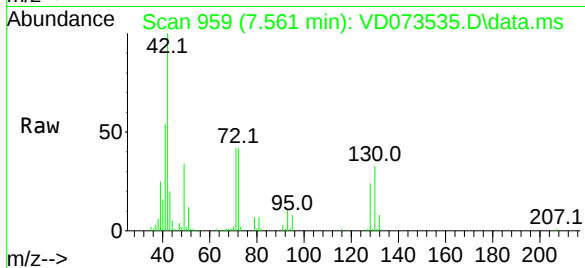
71 43.4 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#30

Chloroform

Concen: 52.534 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073535.D

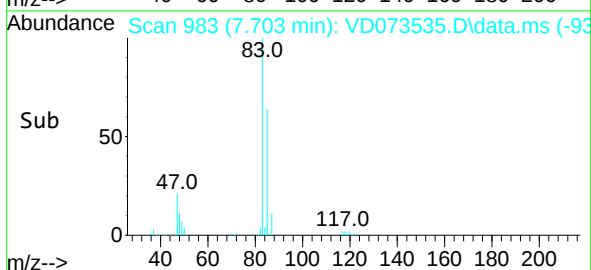
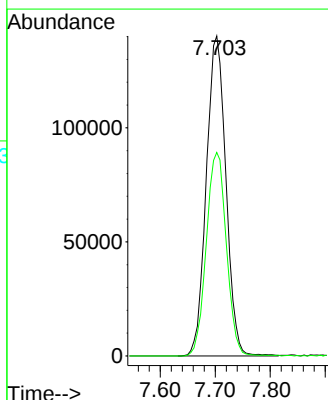
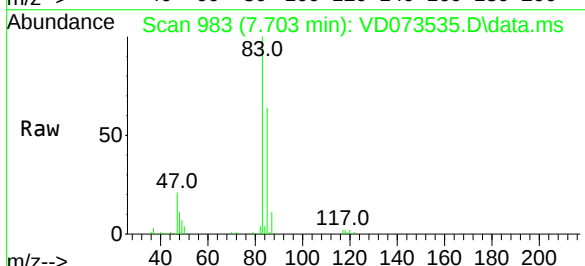
Acq: 10 Jun 2022 18:30

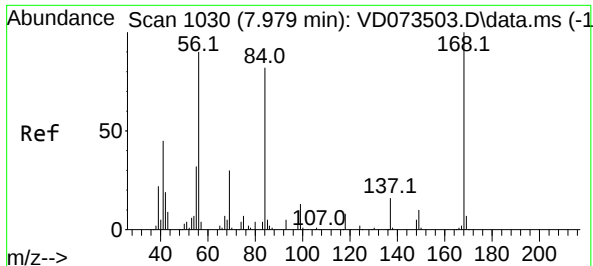
Tgt Ion: 83 Resp: 347299

Ion Ratio Lower Upper

83 100

85 63.6 52.7 79.1





#31

Cyclohexane

Concen: 48.012 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 267280

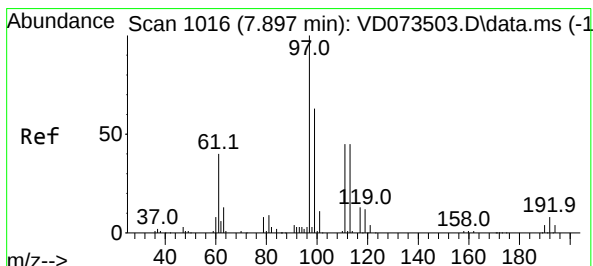
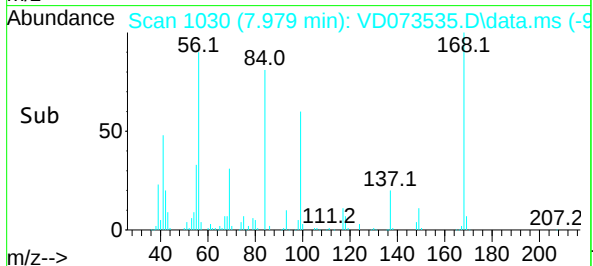
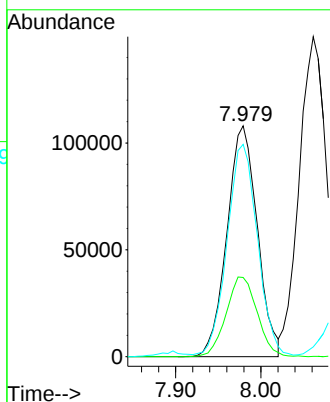
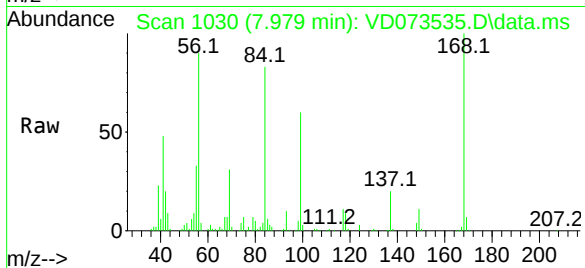
Ion	Ratio	Lower	Upper
56	100		
69	34.3	25.4	38.2
84	90.6	63.0	94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#32

1,1,1-Trichloroethane

Concen: 51.638 ug/l

RT: 7.897 min Scan# 1016

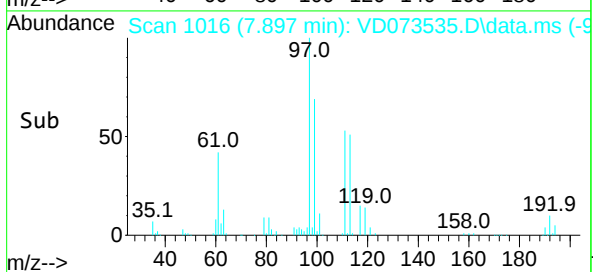
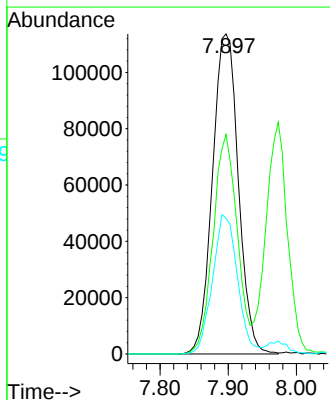
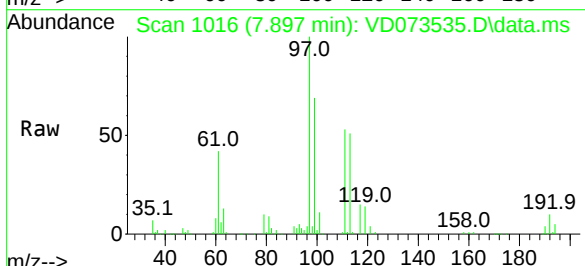
Delta R.T. -0.000 min

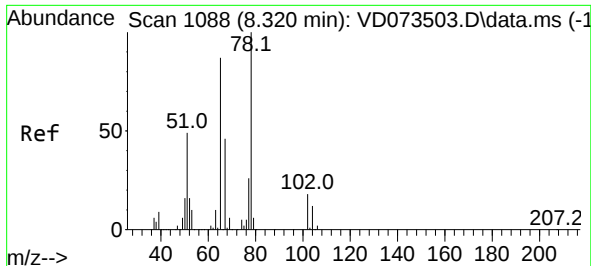
Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Tgt Ion: 97 Resp: 300793

Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.4	78.6
61	42.0	38.0	57.0





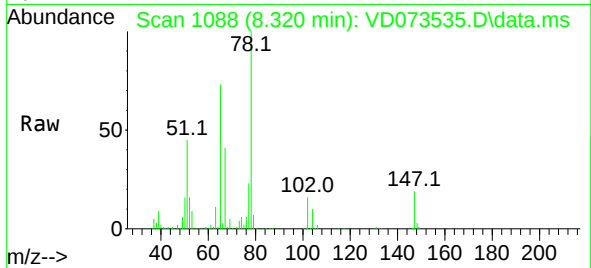
#33
1,2-Dichloroethane-d4
Concen: 52.664 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

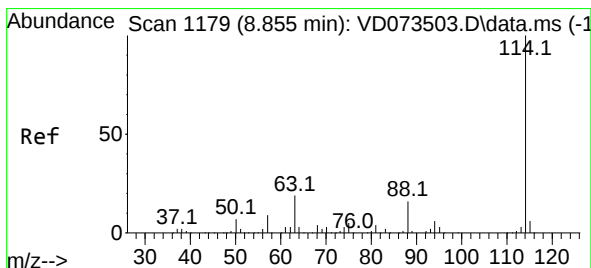
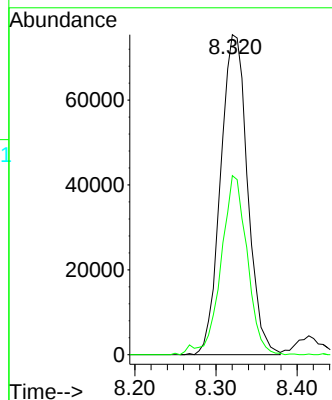
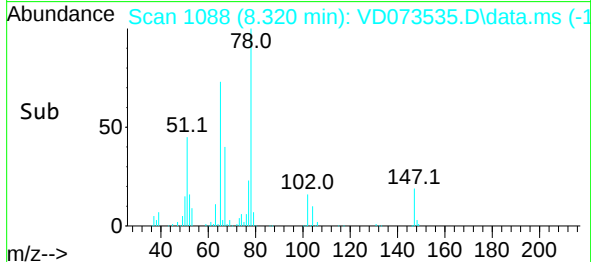


Tgt Ion: 65 Resp: 17404
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.4

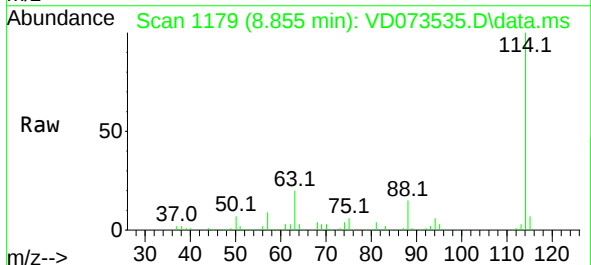
Manual Integrations

APPROVED

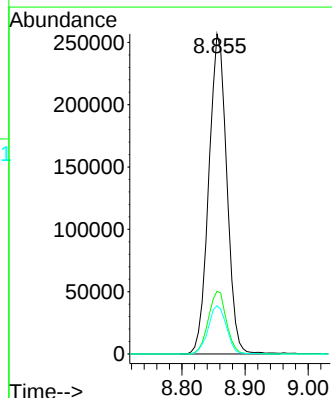
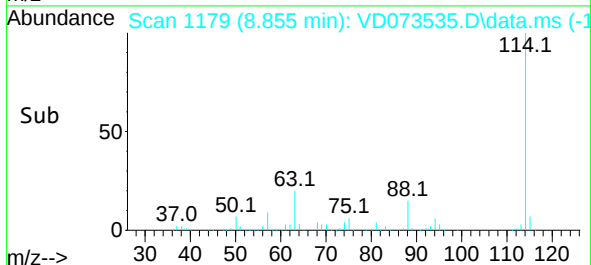
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

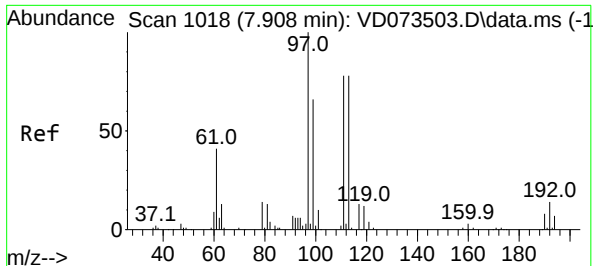


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



Tgt Ion:114 Resp: 508949
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.019 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073535.D

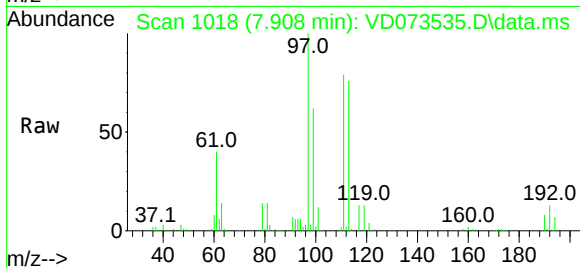
Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



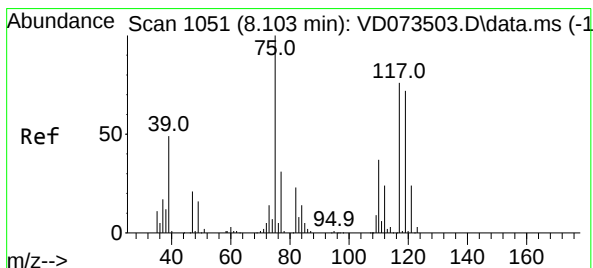
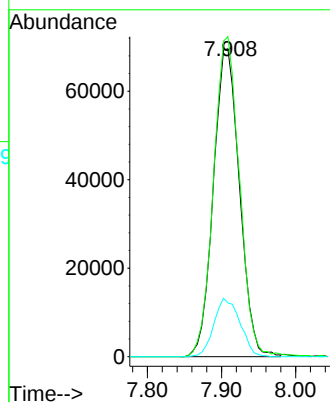
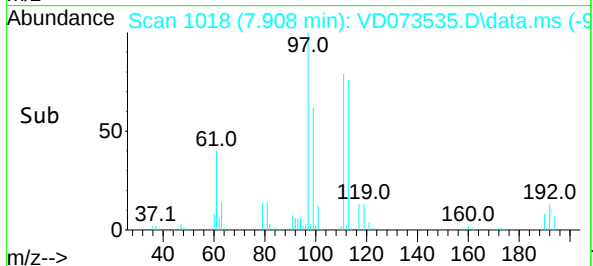
Tgt Ion:	113	Resp:	170240
Ion Ratio	Lower	Upper	
113	100		
111	103.7	83.8	125.6
192	18.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#36

1,1-Dichloropropene

Concen: 51.047 ug/l

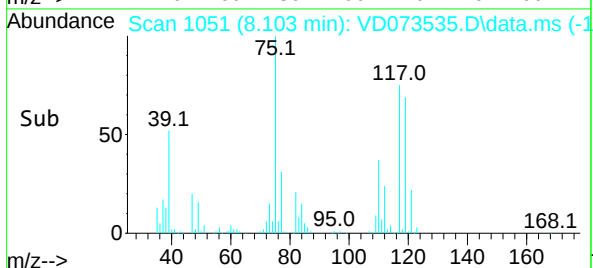
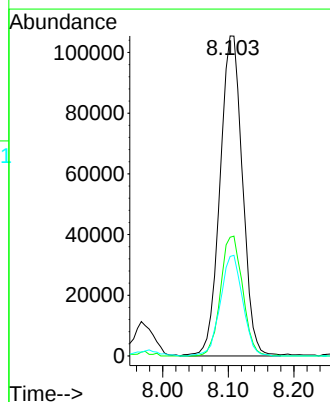
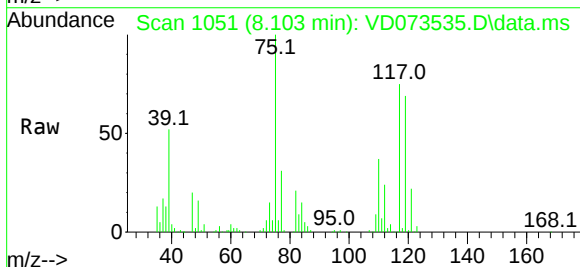
RT: 8.103 min Scan# 1051

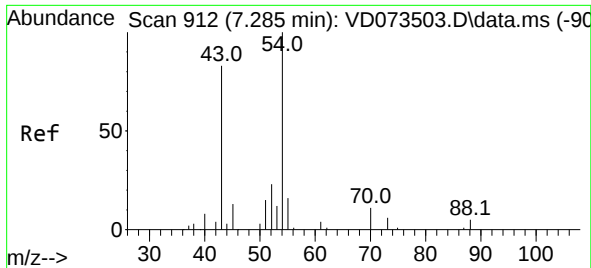
Delta R.T. -0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Tgt Ion:	75	Resp:	250919
Ion Ratio	Lower	Upper	
75	100		
110	36.7	16.4	49.1
77	31.3	24.2	36.2





#37

Ethyl Acetate

Concen: 52.666 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 104570

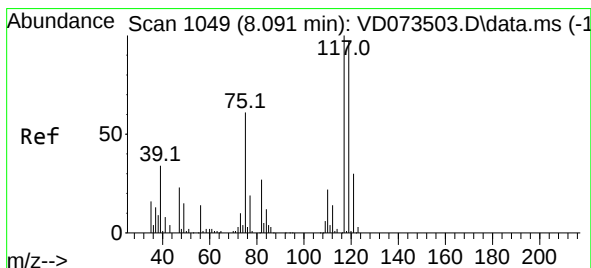
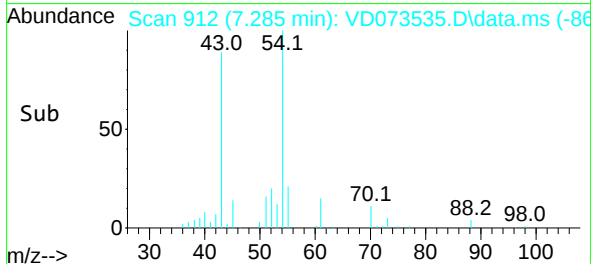
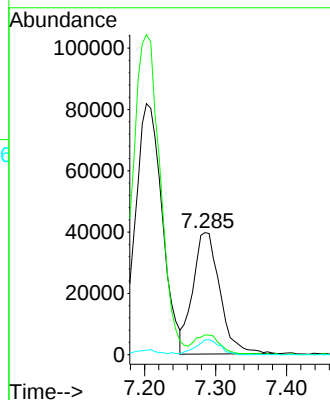
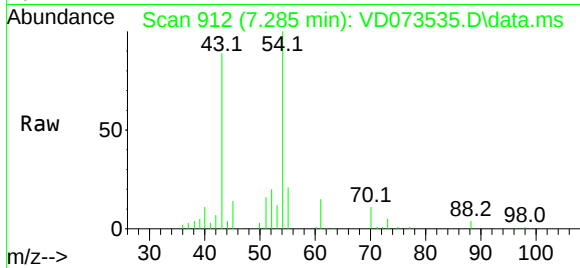
Ion	Ratio	Lower	Upper
43	100		
61	15.8	9.8	14.8
70	11.0	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#38

Carbon Tetrachloride

Concen: 52.179 ug/l

RT: 8.091 min Scan# 1049

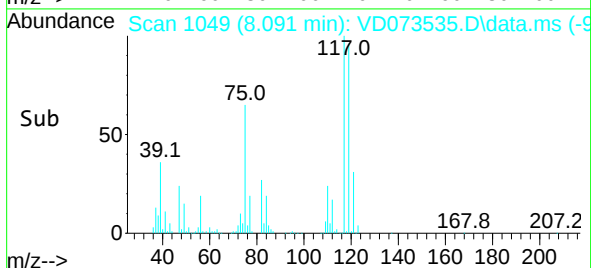
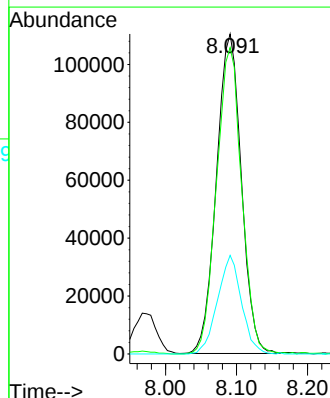
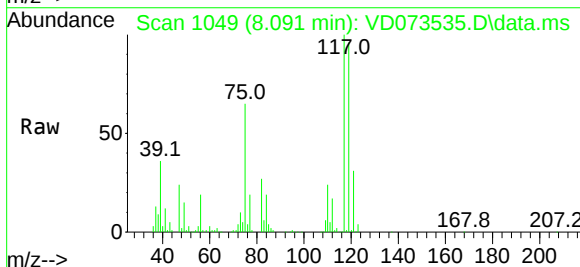
Delta R.T. -0.000 min

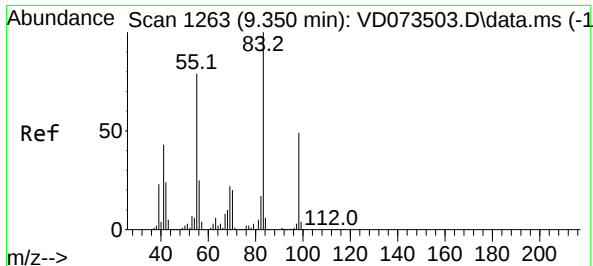
Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Tgt Ion:117 Resp: 268310

Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.6
121	30.9	24.5	36.7





#39

Methylcyclohexane

Concen: 51.193 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 29324

Ion Ratio Lower Upper

83 100

55 71.5 63.2 94.8

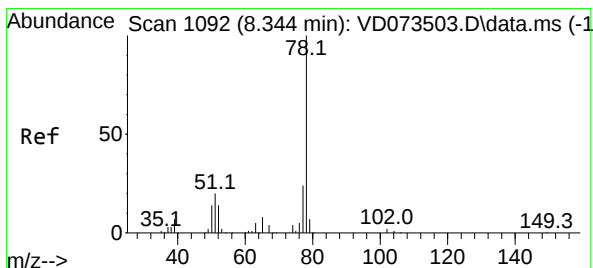
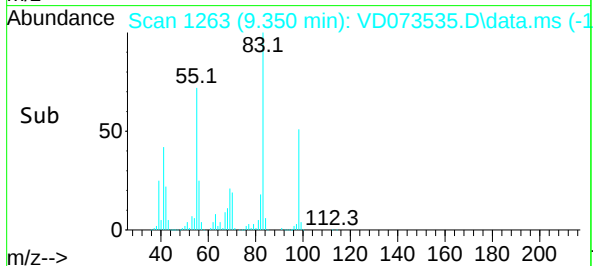
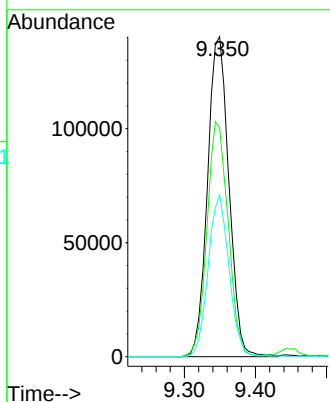
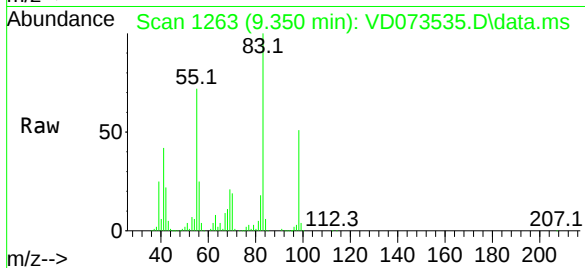
98 50.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#40

Benzene

Concen: 51.576 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073535.D

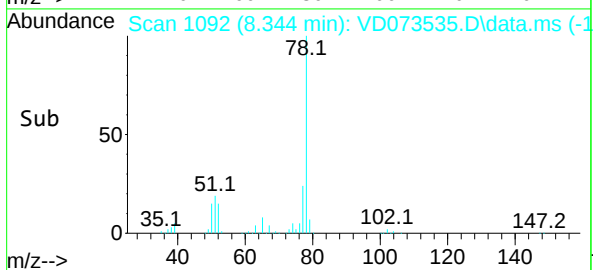
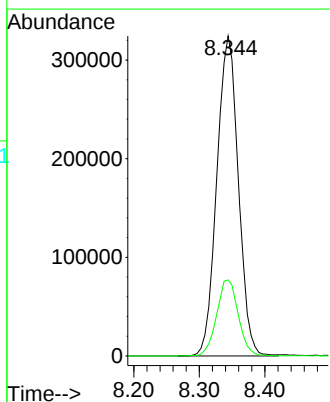
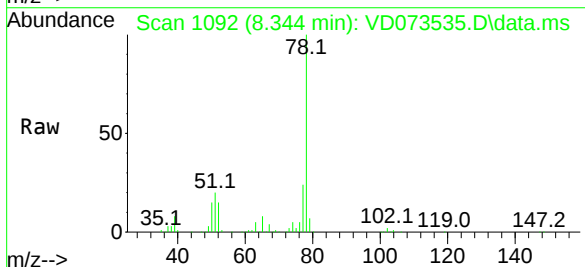
Acq: 10 Jun 2022 18:30

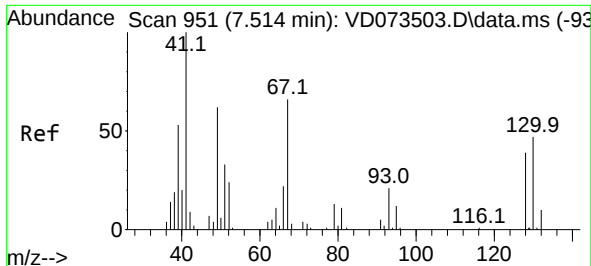
Tgt Ion: 78 Resp: 737437

Ion Ratio Lower Upper

78 100

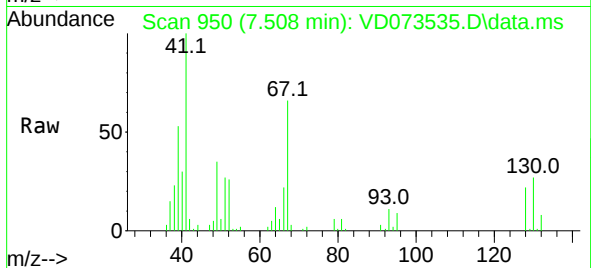
77 23.7 19.1 28.7





#41
Methacrylonitrile
Concen: 58.549 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

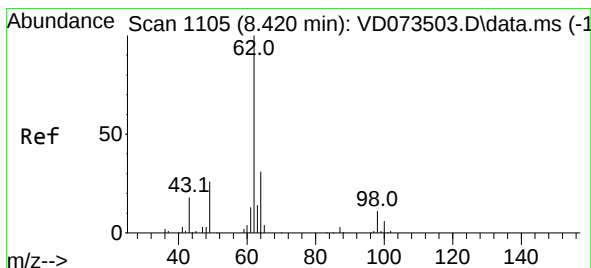
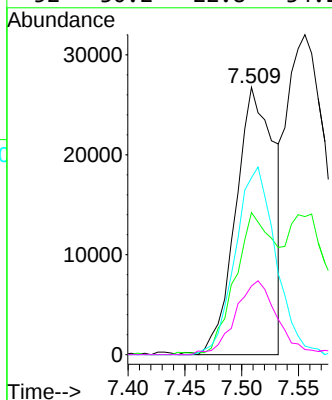
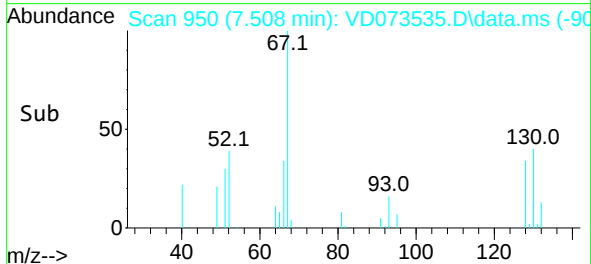
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 63025
Ion Ratio Lower Upper
41 100
39 52.5 44.6 67.0
67 73.8 48.2 72.4
52 30.2 22.8 34.2

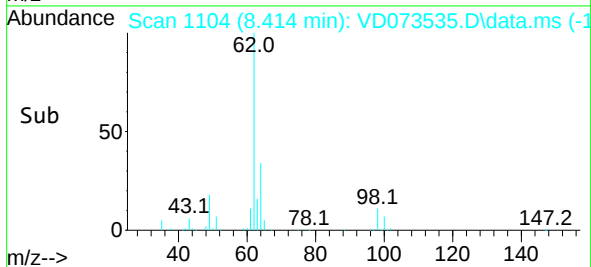
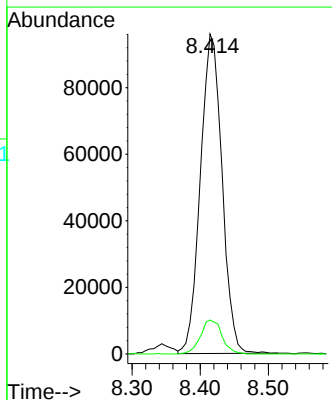
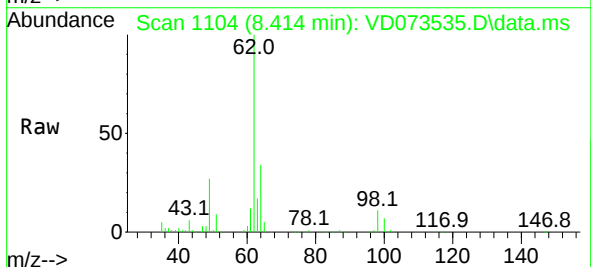
Manual Integrations
APPROVED

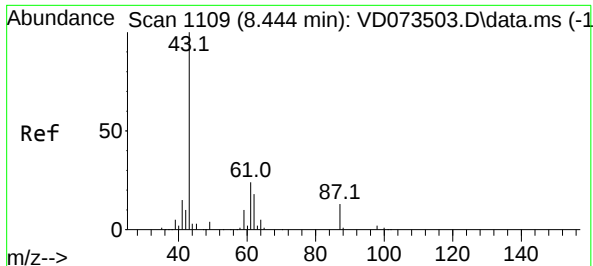
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#42
1,2-Dichloroethane
Concen: 53.665 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

Tgt Ion: 62 Resp: 212141
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.6





#43

Isopropyl Acetate

Concen: 52.146 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073535.D

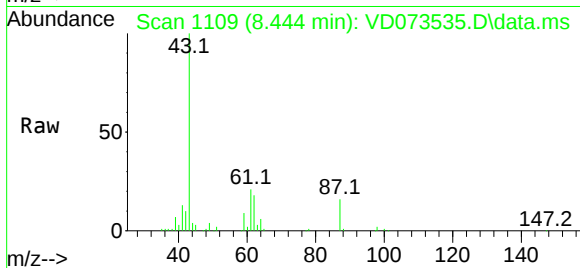
Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



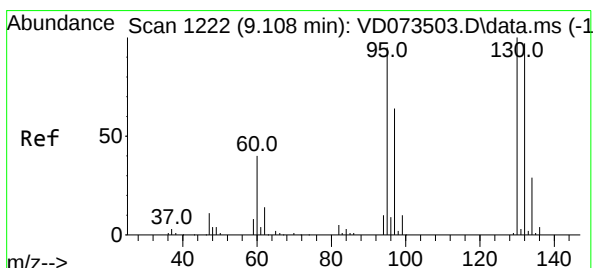
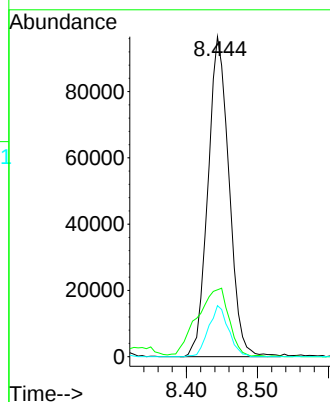
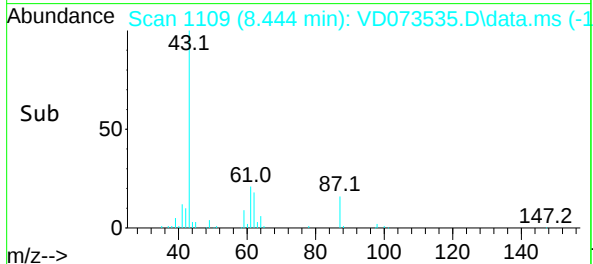
Tgt Ion: 43	Resp: 199200
Ion Ratio	Lower Upper
43	100
61	32.5 22.4 33.6
87	15.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#44

Trichloroethene

Concen: 50.715 ug/l

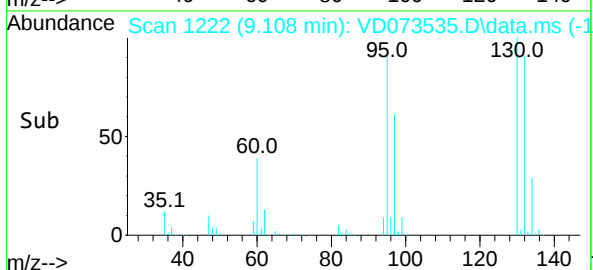
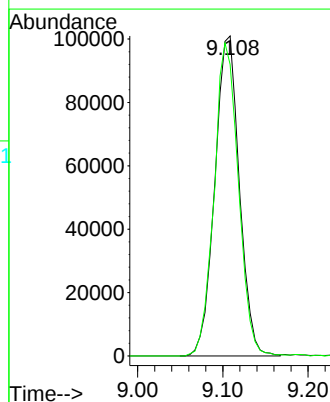
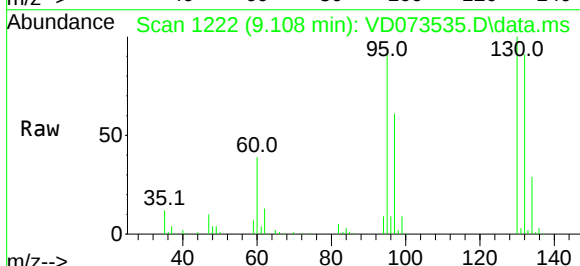
RT: 9.108 min Scan# 1222

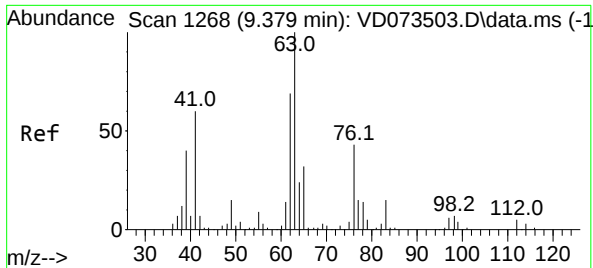
Delta R.T. 0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Tgt Ion:130	Resp: 201961
Ion Ratio	Lower Upper
130	100
95	91.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.682 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17951

Ion Ratio Lower Upper

63 100

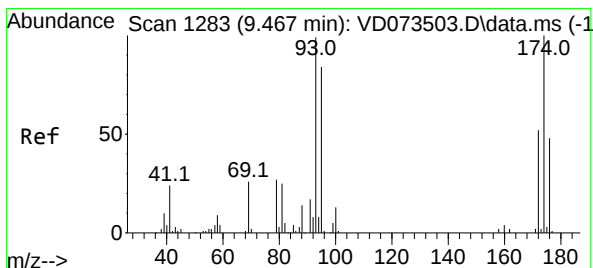
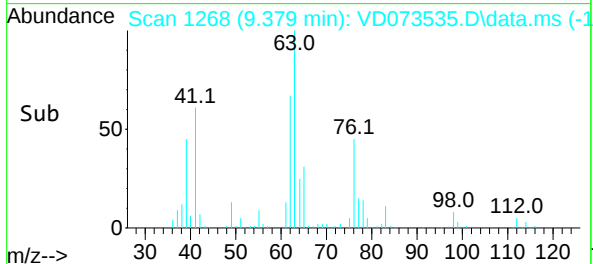
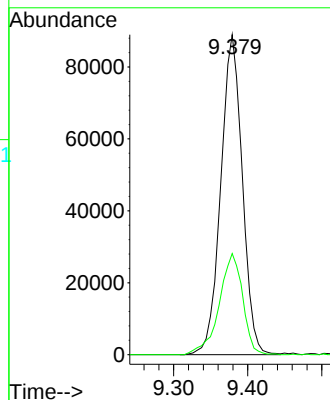
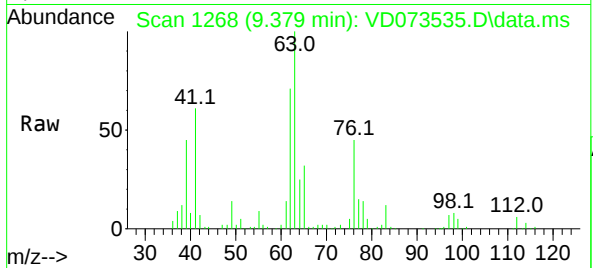
65 31.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#46

Dibromomethane

Concen: 53.214 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

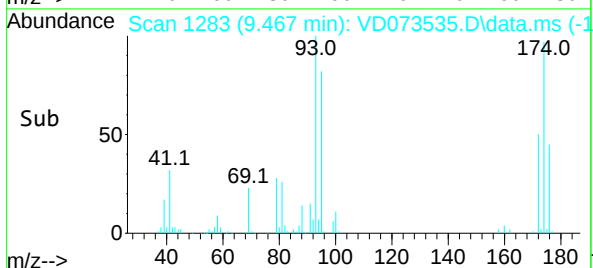
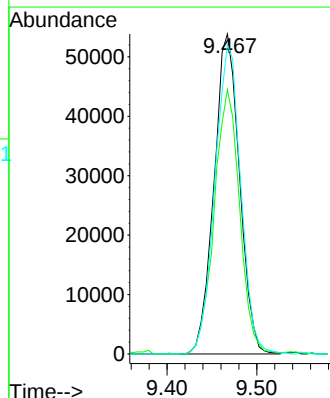
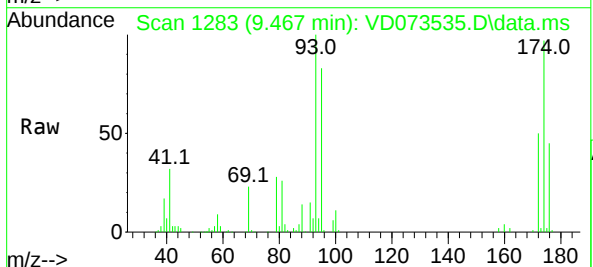
Tgt Ion: 93 Resp: 106179

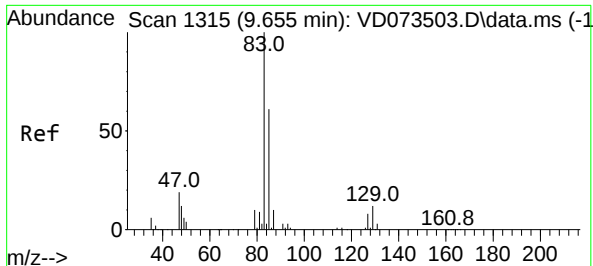
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 98.1 71.6 107.4





#47

Bromodichloromethane

Concen: 52.437 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 262170

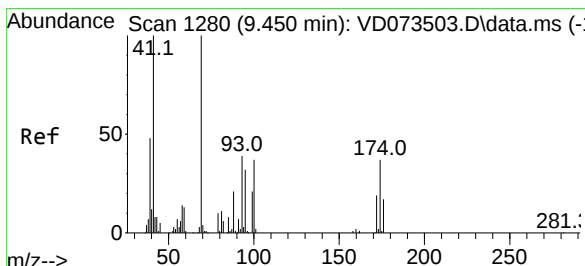
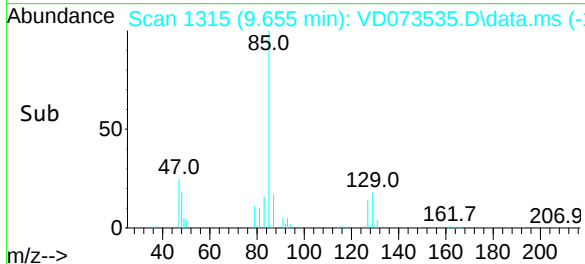
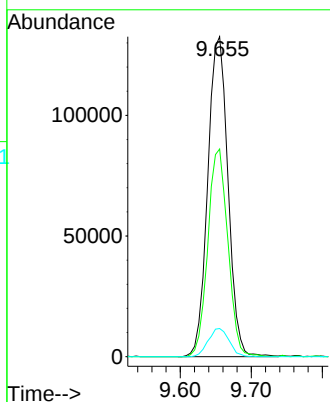
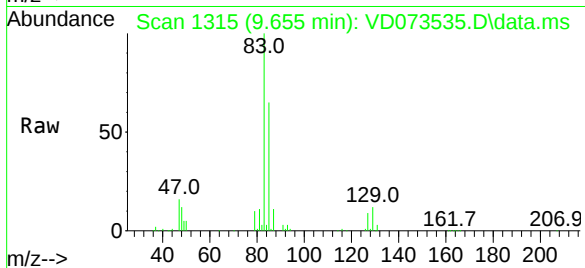
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.0
127	8.8	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#48

Methyl methacrylate

Concen: 49.934 ug/l

RT: 9.450 min Scan# 1280

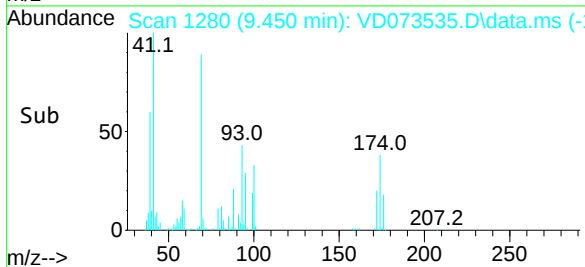
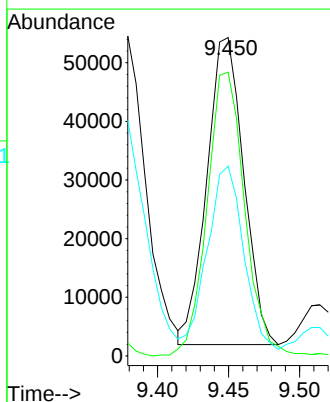
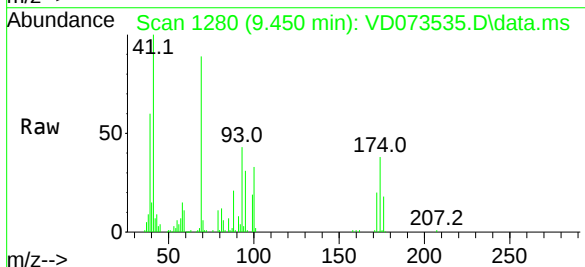
Delta R.T. -0.000 min

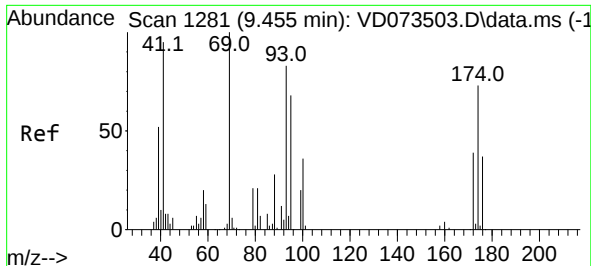
Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Tgt Ion: 41 Resp: 94490

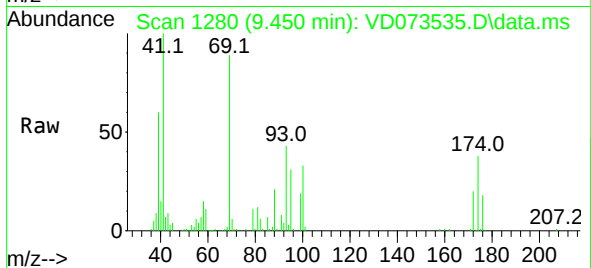
Ion	Ratio	Lower	Upper
41	100		
69	94.8	56.7	85.1
39	63.3	42.7	64.1





#49
1,4-Dioxane
Concen: 1086.340 ug/l
RT: 9.450 min Scan# 1281
Delta R.T. -0.005 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

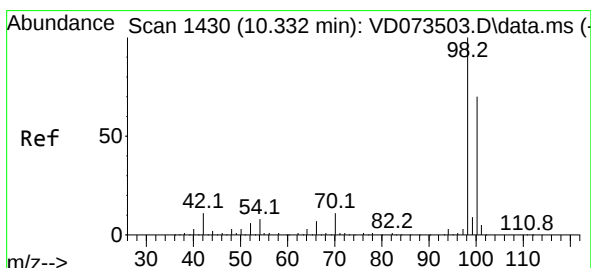
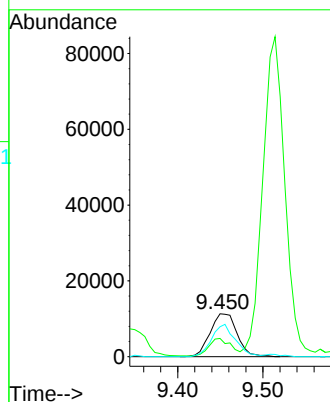
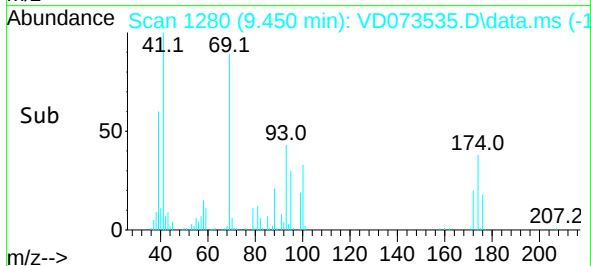
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2493
Ion Ratio Lower Upper
88 100
43 33.2 31.0 46.4
58 66.5 58.1 87.1

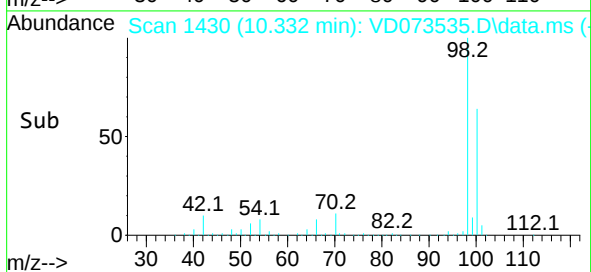
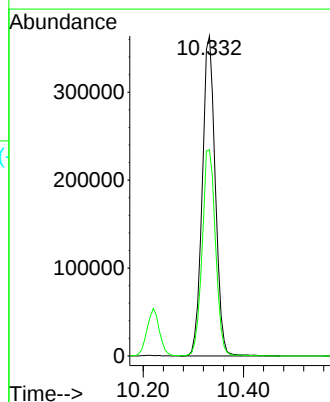
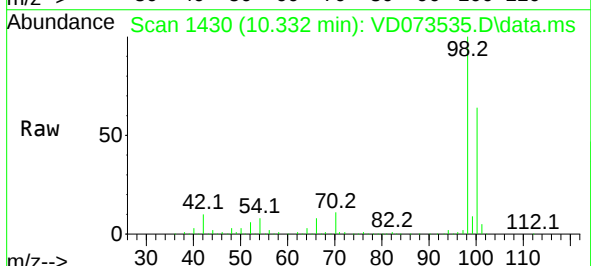
Manual Integrations
APPROVED

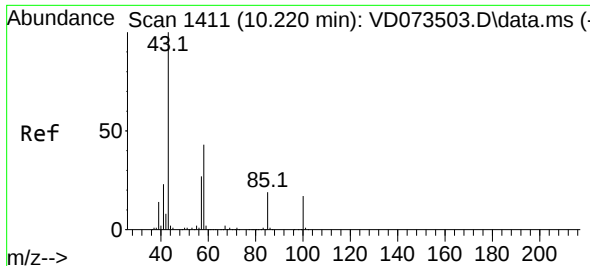
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#50
Toluene-d8
Concen: 53.009 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

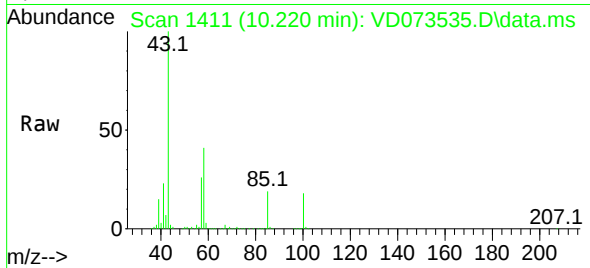
Tgt Ion: 98 Resp: 655928
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 275.356 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

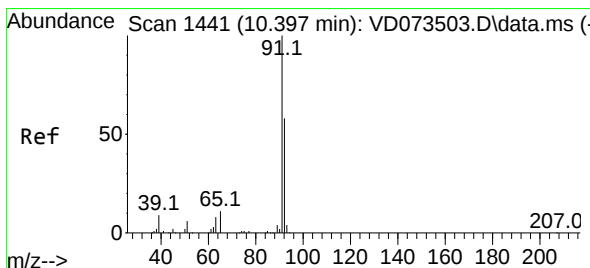
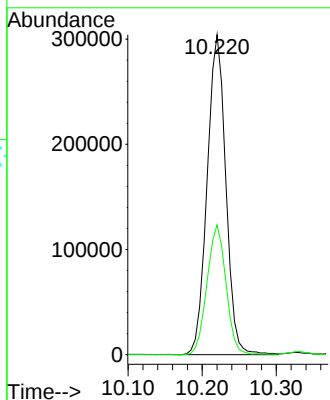
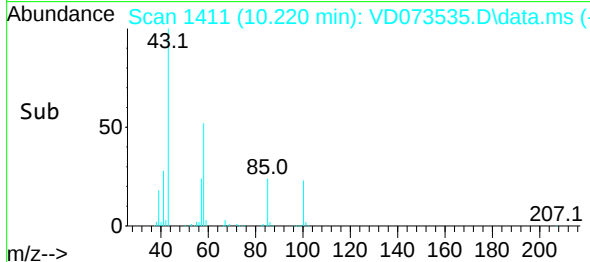
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



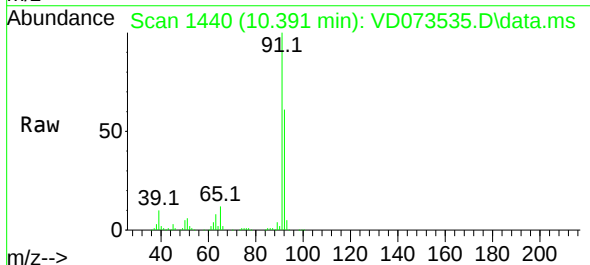
Tgt Ion: 43 Resp: 53225
Ion Ratio Lower Upper
43 100
58 41.2 28.6 43.0

Manual Integrations
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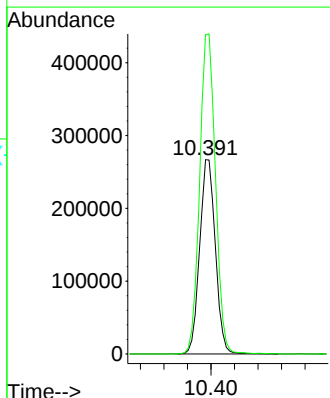
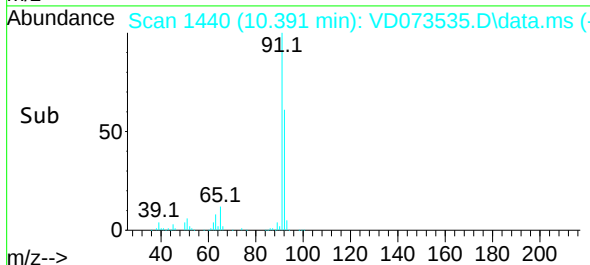
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

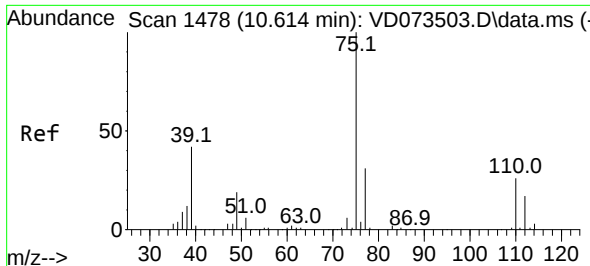


#52
Toluene
Concen: 53.918 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



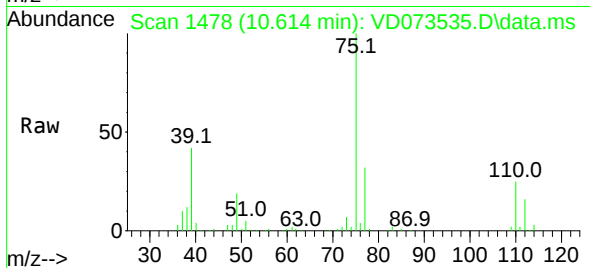
Tgt Ion: 92 Resp: 494442
Ion Ratio Lower Upper
92 100
91 166.3 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 53.053 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

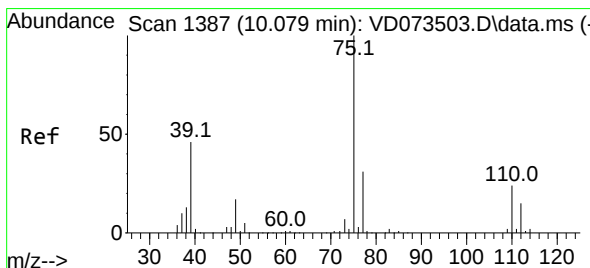
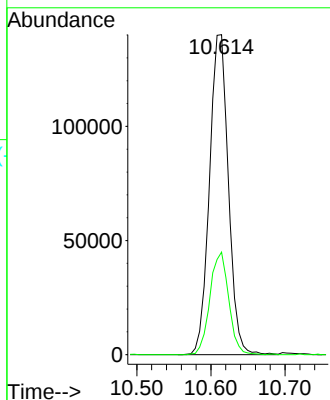
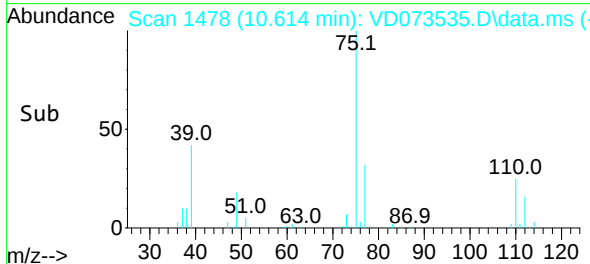
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



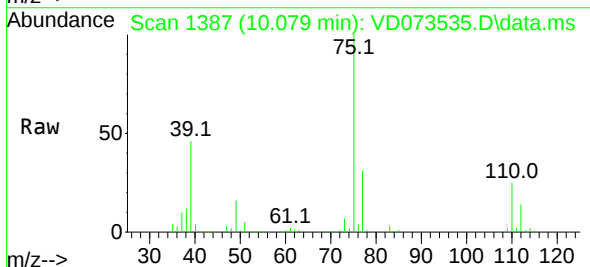
Tgt Ion: 75 Resp: 248779
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7

Manual Integrations
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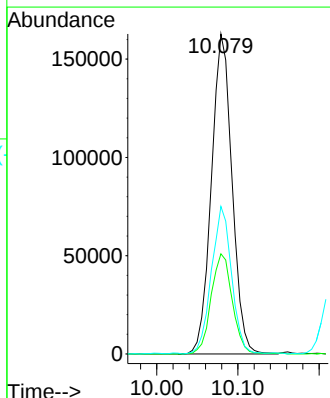
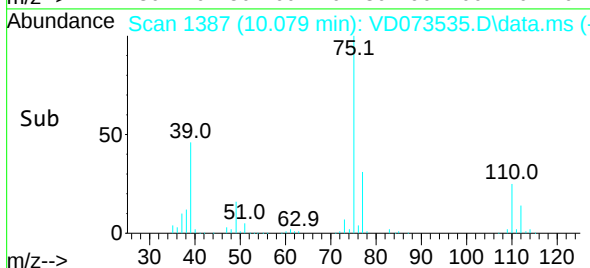
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

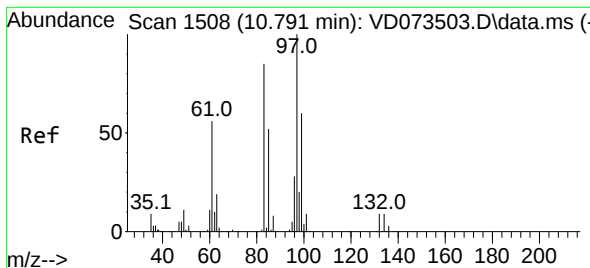


#54
cis-1,3-Dichloropropene
Concen: 52.411 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



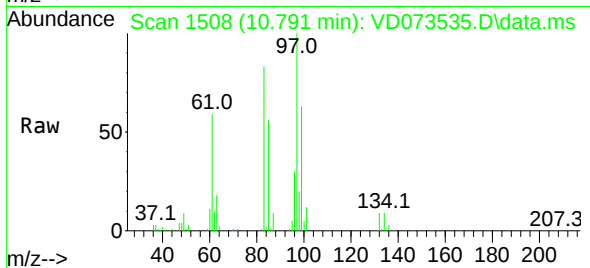
Tgt Ion: 75 Resp: 287834
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2
39 45.9 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 51.143 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

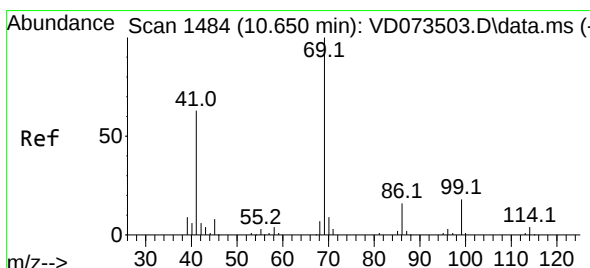
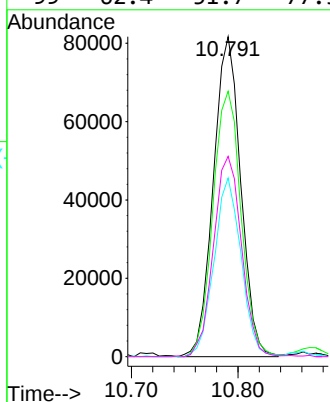
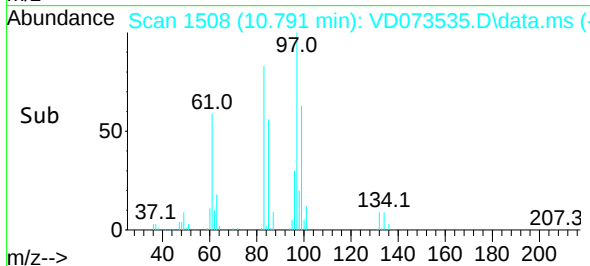
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



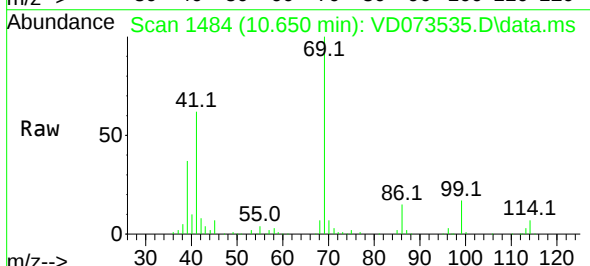
Tgt Ion: 97 Resp: 145542
Ion Ratio Lower Upper
97 100
83 83.0 69.0 103.4
85 55.8 42.6 63.8
99 62.4 51.7 77.5

Manual Integrations
APPROVED

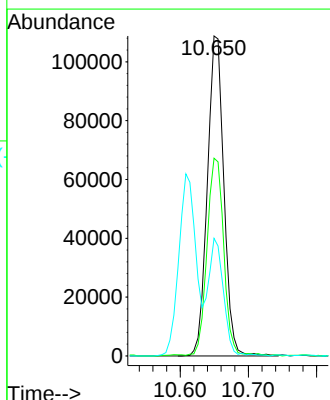
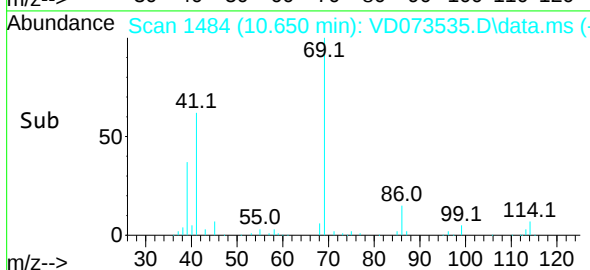
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

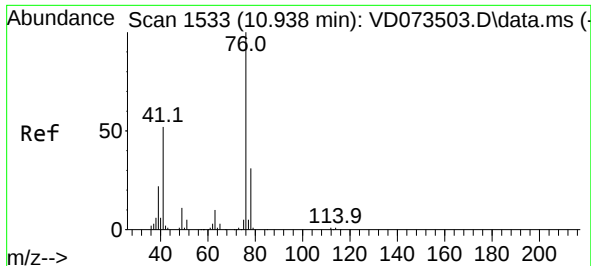


#56
Ethyl methacrylate
Concen: 56.202 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



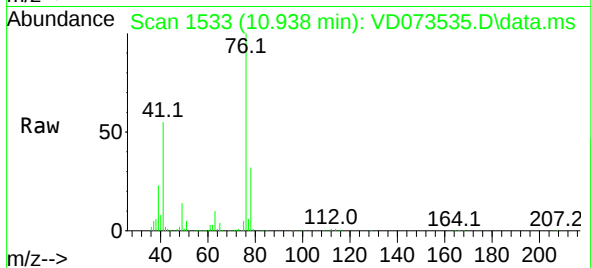
Tgt Ion: 69 Resp: 183244
Ion Ratio Lower Upper
69 100
41 62.3 63.0 94.6#
39 34.2 33.8 50.8





#57
1,3-Dichloropropane
Concen: 52.918 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

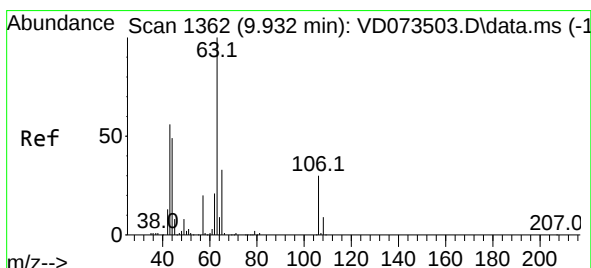
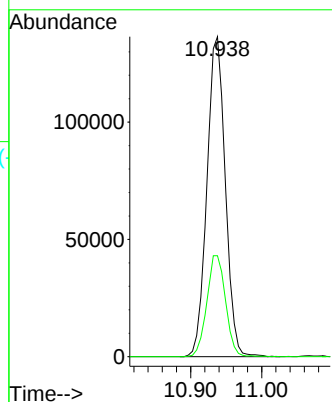
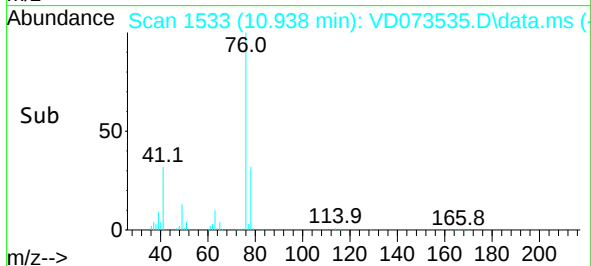
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



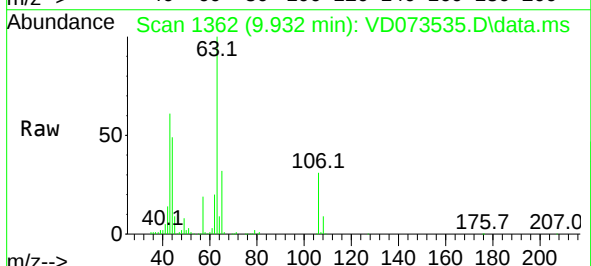
Tgt Ion: 76 Resp: 245283
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

Manual Integrations
APPROVED

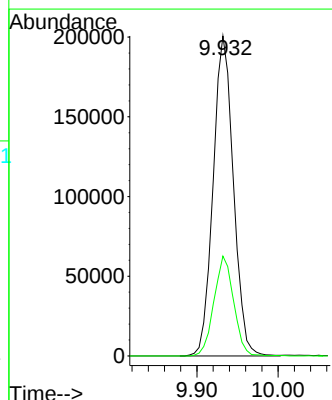
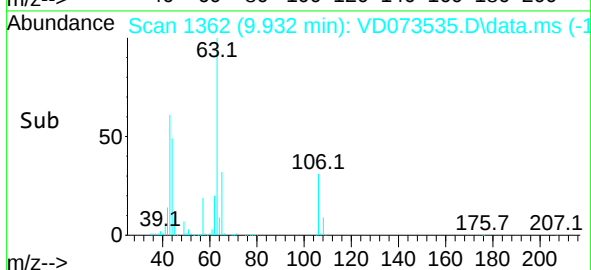
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

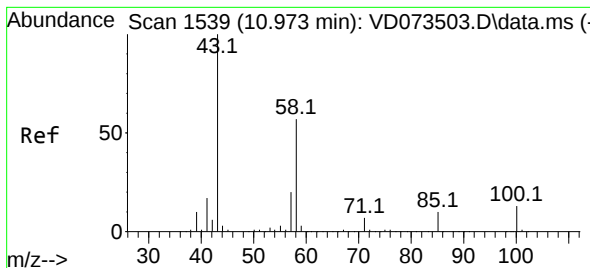


#58
2-Chloroethyl Vinyl ether
Concen: 259.843 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



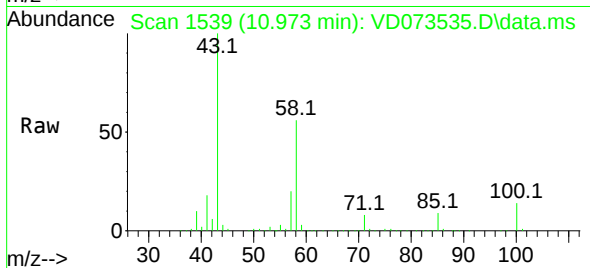
Tgt Ion: 63 Resp: 348328
Ion Ratio Lower Upper
63 100
106 30.2 21.4 32.0





#59
2-Hexanone
Concen: 282.141 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

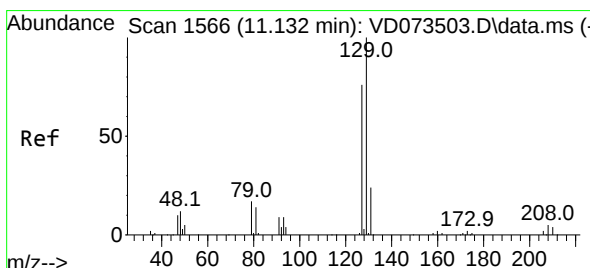
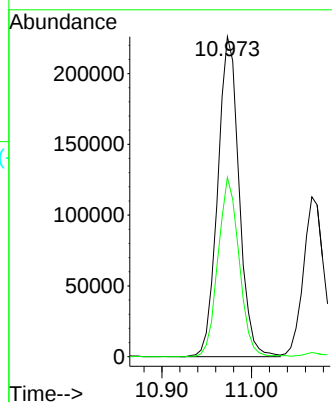
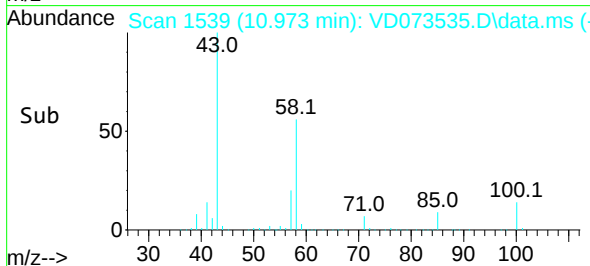
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 37349
Ion Ratio Lower Upper
43 100
58 55.3 25.3 75.9

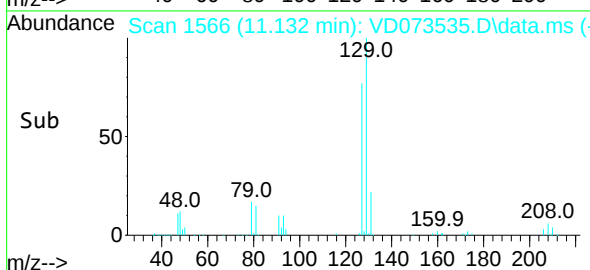
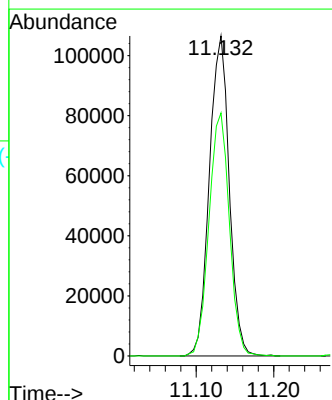
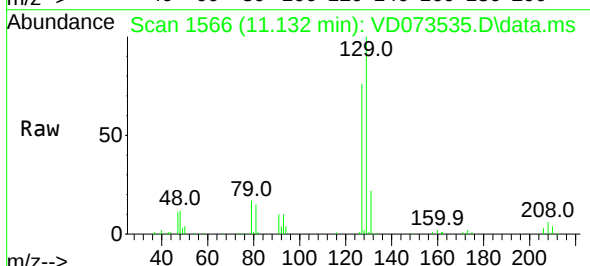
Manual Integrations
APPROVED

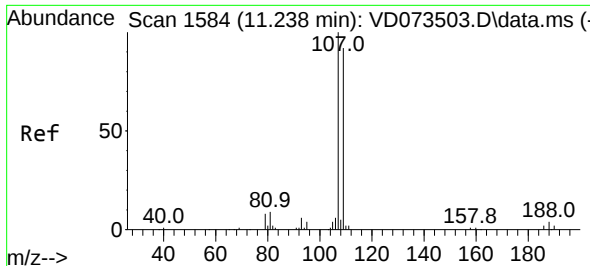
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#60
Dibromochloromethane
Concen: 54.048 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

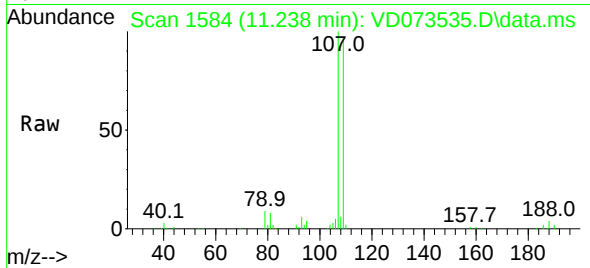
Tgt Ion:129 Resp: 189834
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 51.976 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

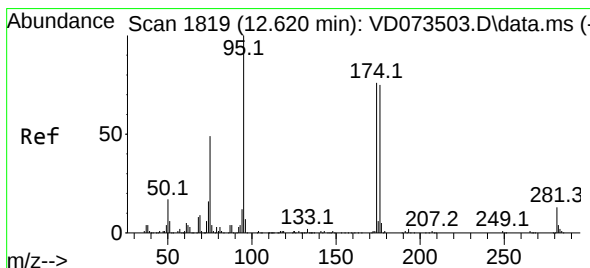
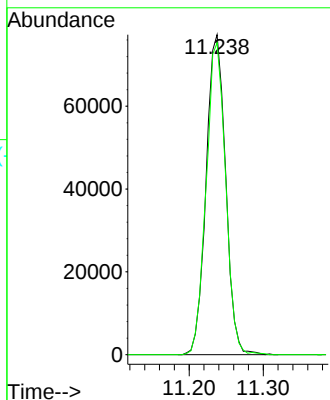
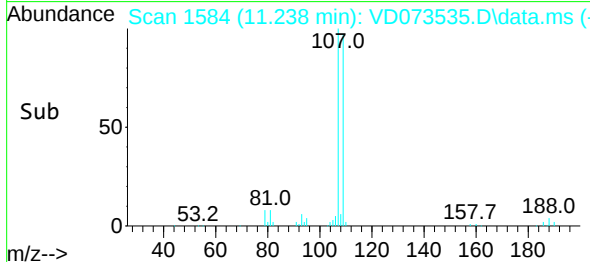
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



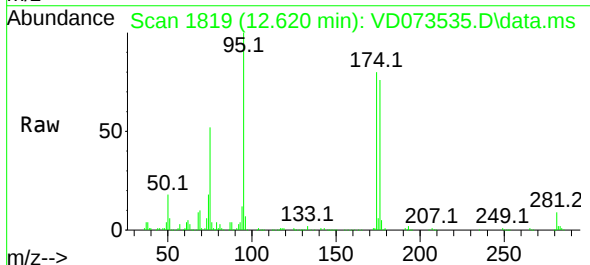
Tgt Ion:107 Resp: 14093
Ion Ratio Lower Upper
107 100
109 97.4 74.2 111.4

Manual Integrations
APPROVED

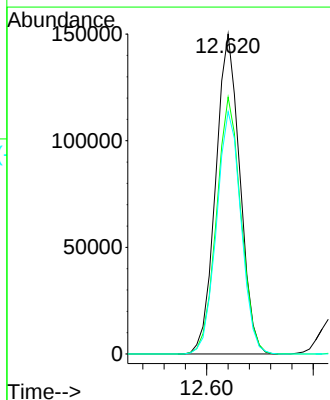
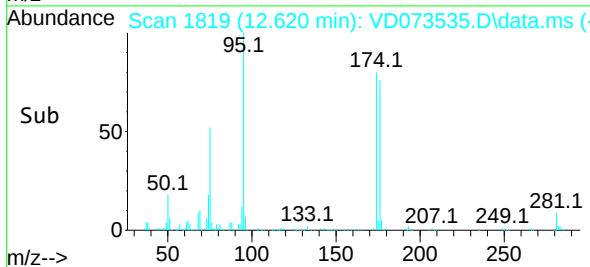
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

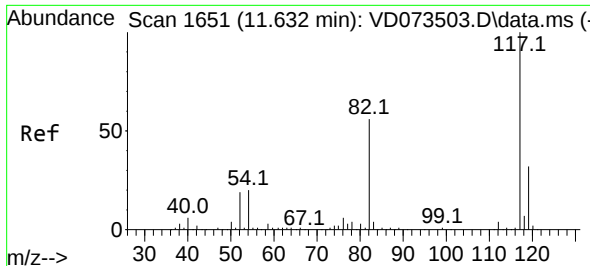


#62
4-Bromofluorobenzene
Concen: 52.679 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



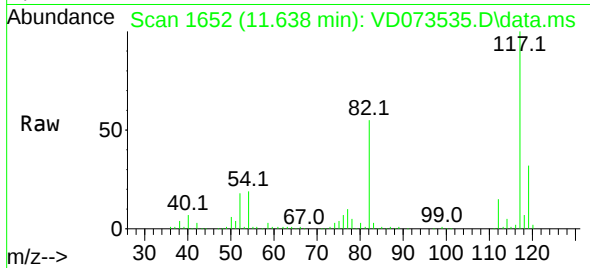
Tgt Ion: 95 Resp: 236634
Ion Ratio Lower Upper
95 100
174 81.0 0.0 152.8
176 76.5 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

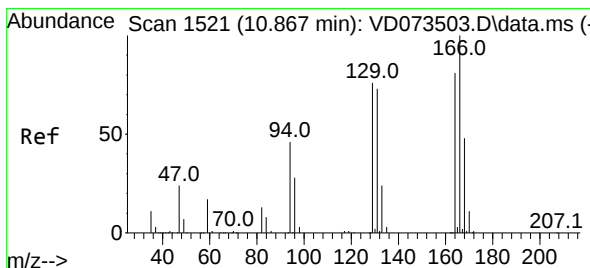
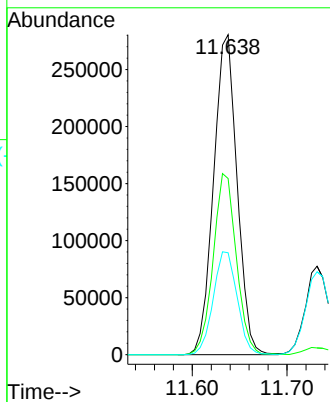
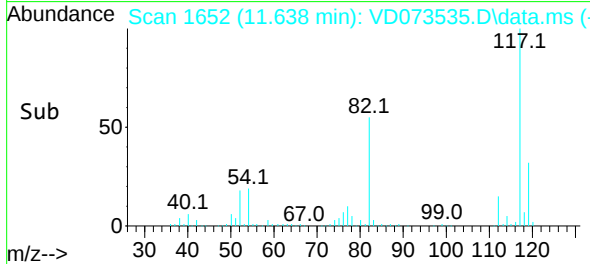
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 483993
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.9 26.6 40.0

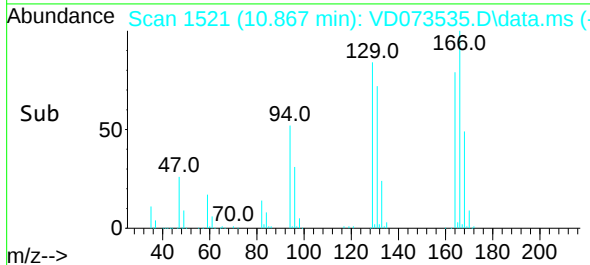
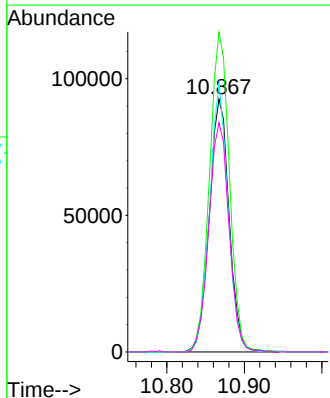
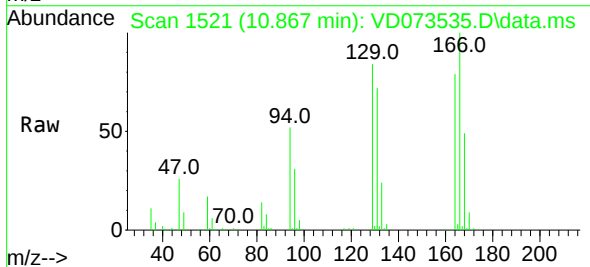
Manual Integrations
APPROVED

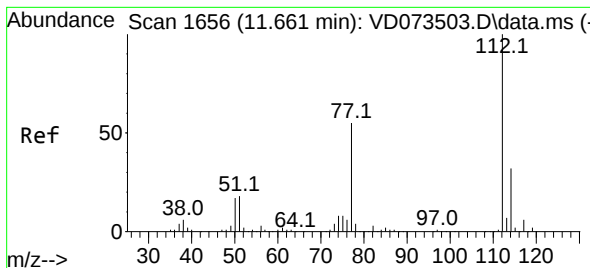
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#64
Tetrachloroethene
Concen: 49.979 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

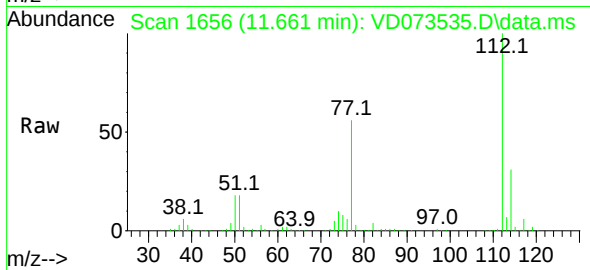
Tgt Ion:164 Resp: 164683
Ion Ratio Lower Upper
164 100
166 126.6 98.5 147.7
129 106.2 74.6 111.8
131 90.6 72.0 108.0





#65
Chlorobenzene
Concen: 52.727 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

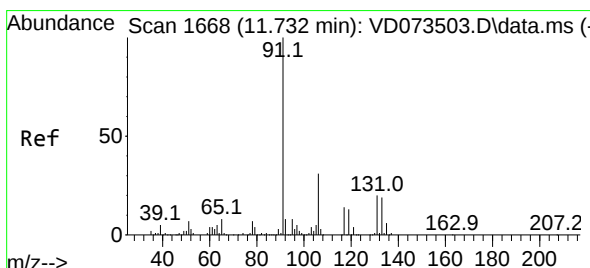
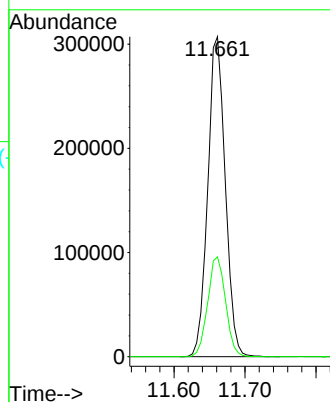
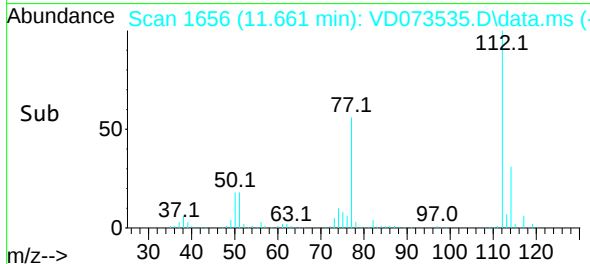
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



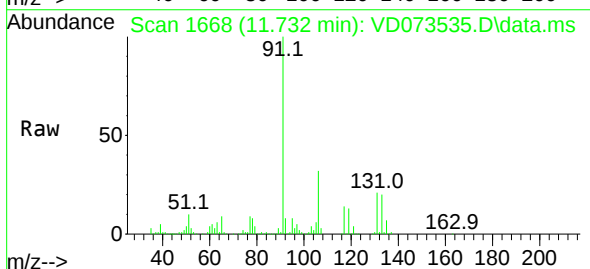
Tgt Ion:112 Resp: 525069
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

Manual Integrations
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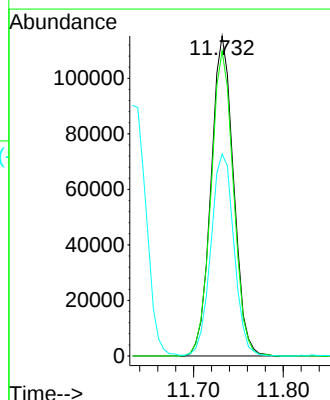
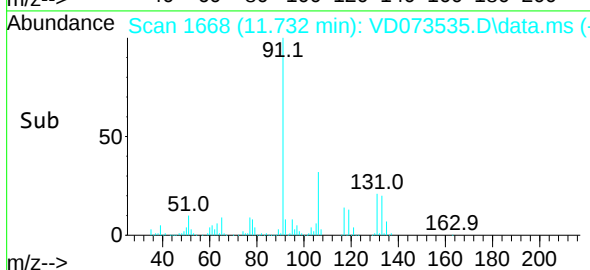
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

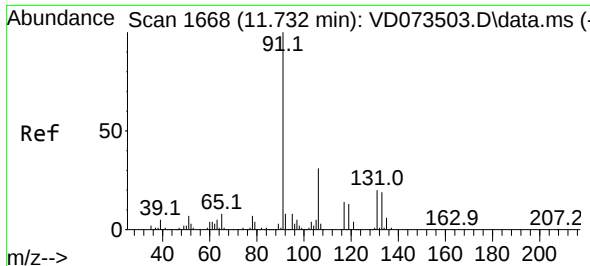


#66
1,1,1,2-Tetrachloroethane
Concen: 53.076 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



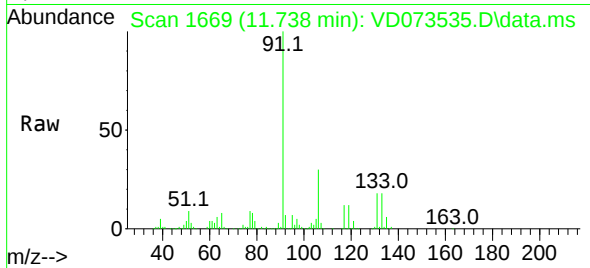
Tgt Ion:131 Resp: 200538
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 64.9 31.9 95.9





#67
Ethyl Benzene
Concen: 53.433 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

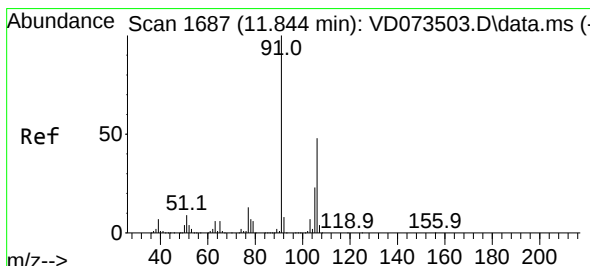
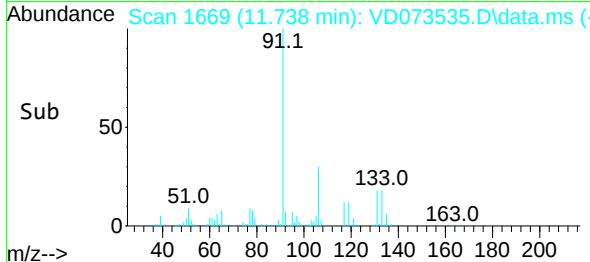
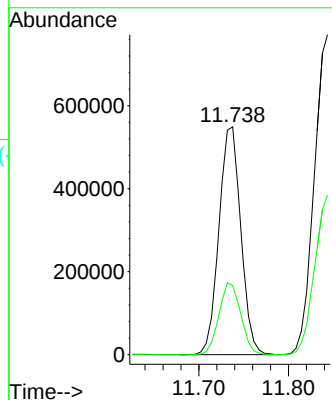
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 929869
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

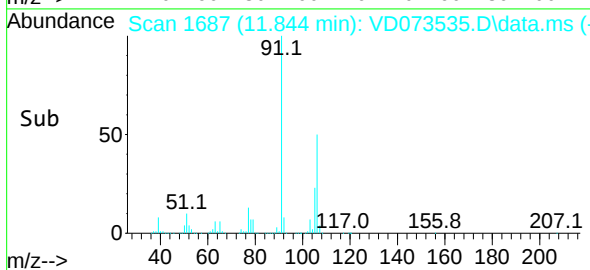
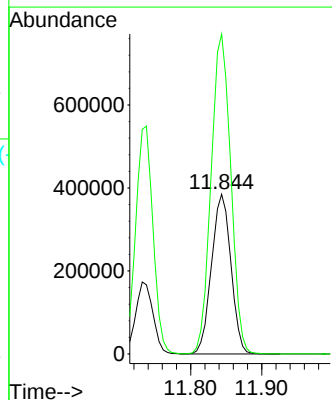
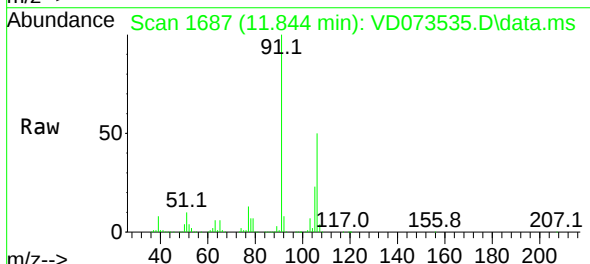
Manual Integrations
APPROVED

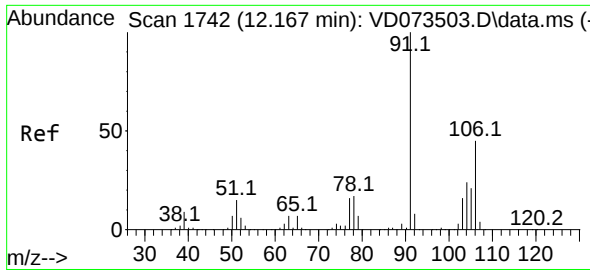
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#68
m/p-Xylenes
Concen: 106.838 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

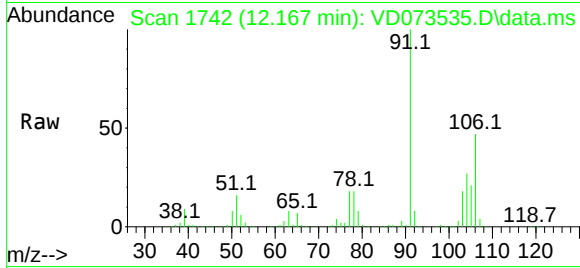
Tgt Ion:106 Resp: 729615
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





#69
o-Xylene
Concen: 54.523 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

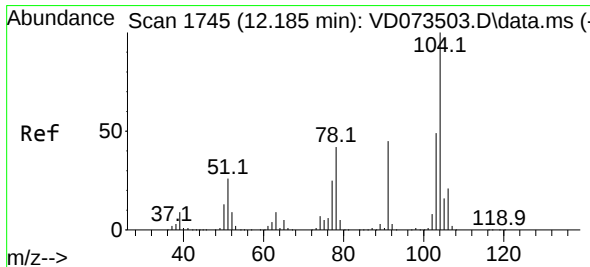
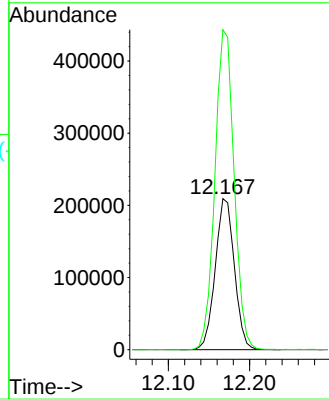
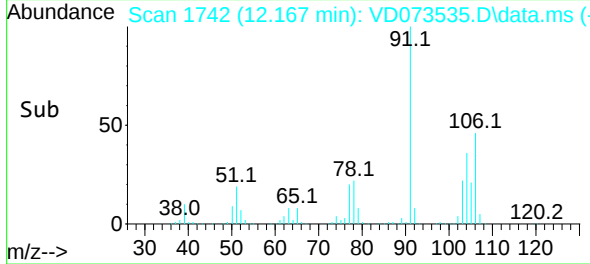
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



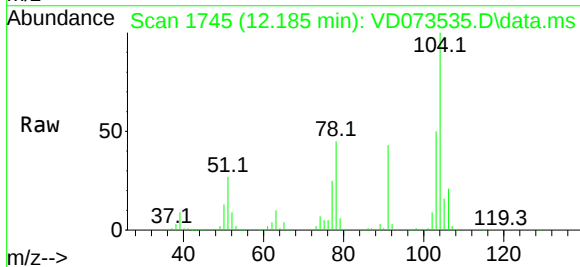
Tgt Ion:106 Resp: 342610
Ion Ratio Lower Upper
106 100
91 212.8 110.4 331.2

Manual Integrations
APPROVED

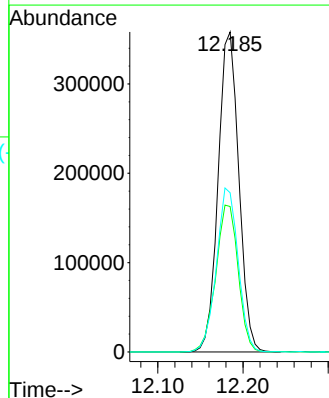
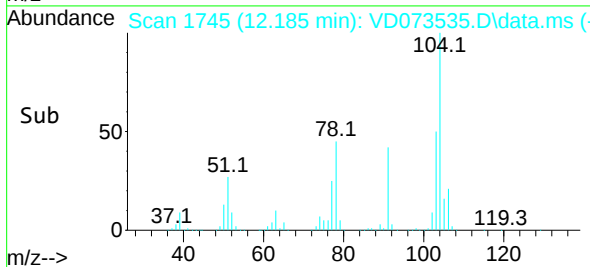
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

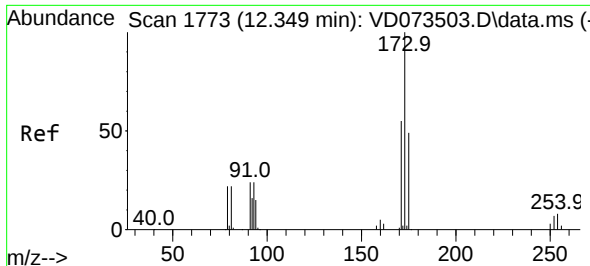


#70
Styrene
Concen: 55.782 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



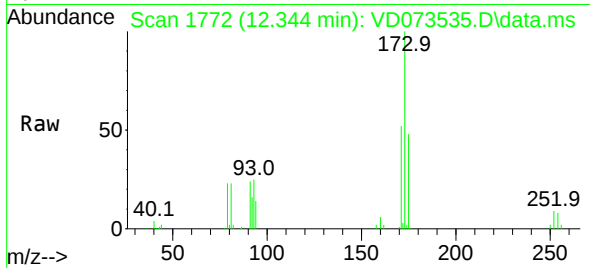
Tgt Ion:104 Resp: 604626
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 54.1 44.2 66.4





#71
Bromoform
Concen: 54.189 ug/l
RT: 12.344 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

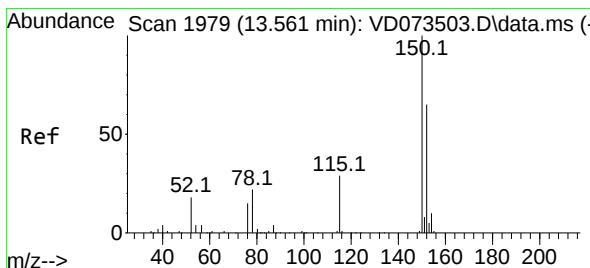
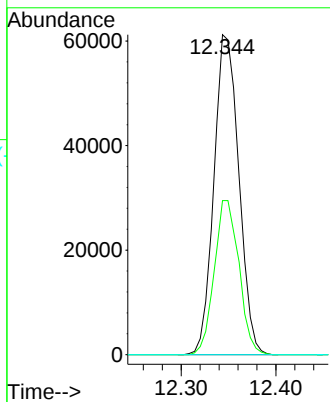
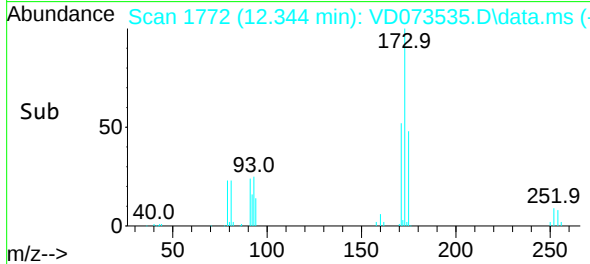
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 111954
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.8
254 0.0 0.0 0.0

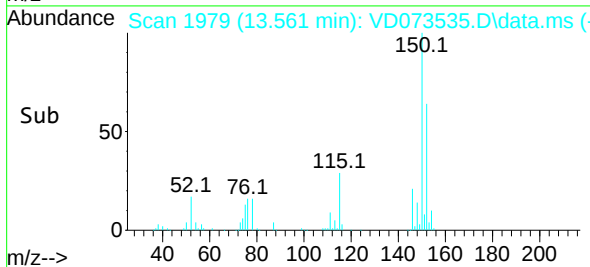
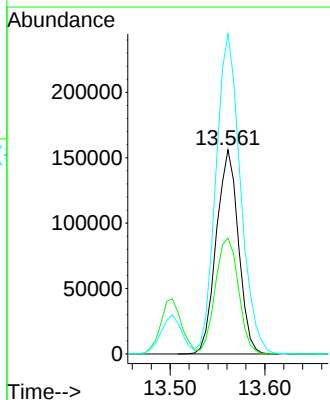
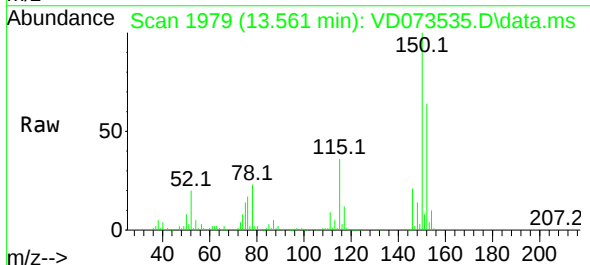
Manual Integrations
APPROVED

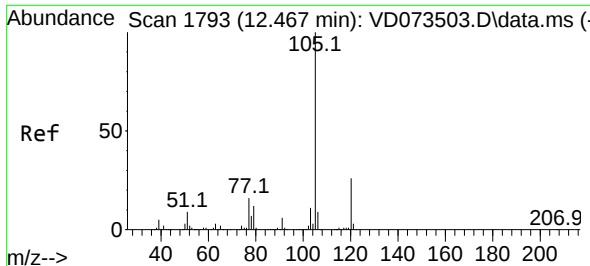
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

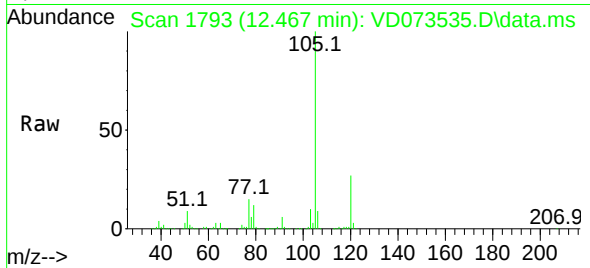
Tgt Ion:152 Resp: 253626
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 173.7 0.0 348.6





#73
Isopropylbenzene
Concen: 51.385 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

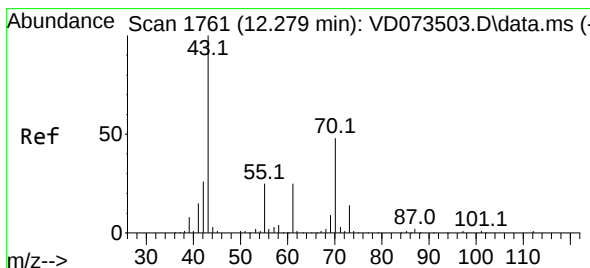
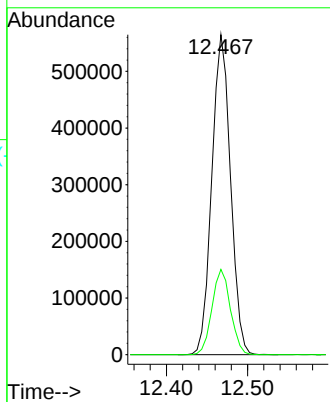
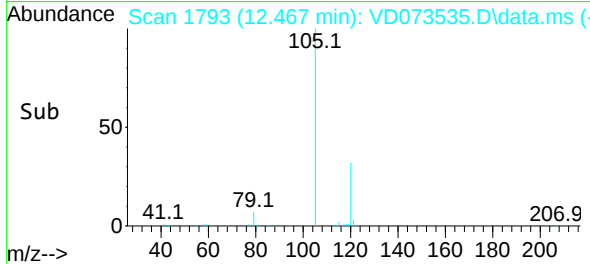
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



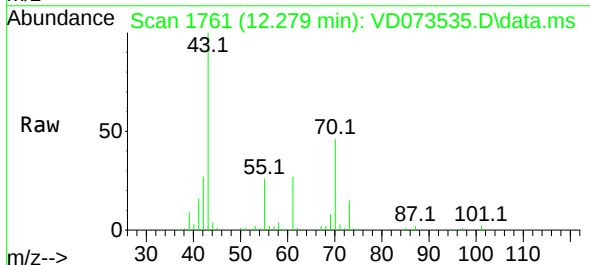
Tgt Ion:105 Resp: 90333
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

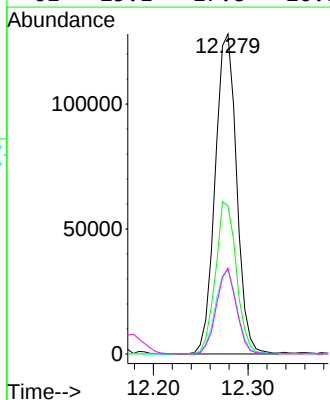
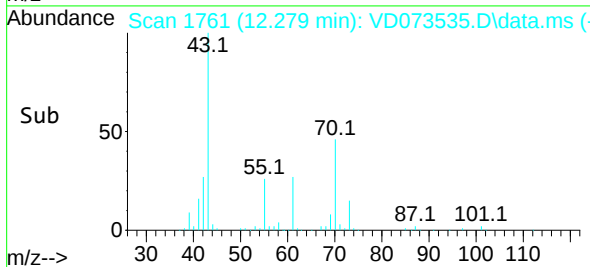
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

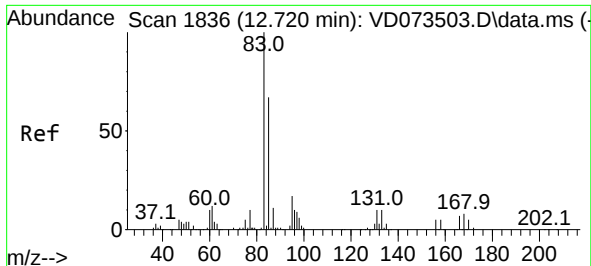


#74
N-ethyl acetate
Concen: 51.715 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



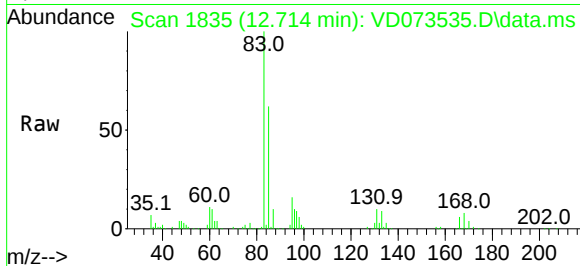
Tgt Ion: 43 Resp: 202249
Ion Ratio Lower Upper
43 100
70 46.5 31.3 46.9
55 26.7 20.0 30.0
61 25.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.283 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

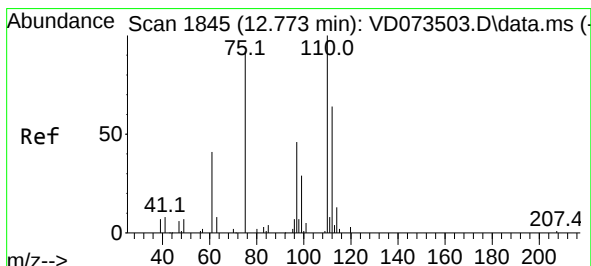
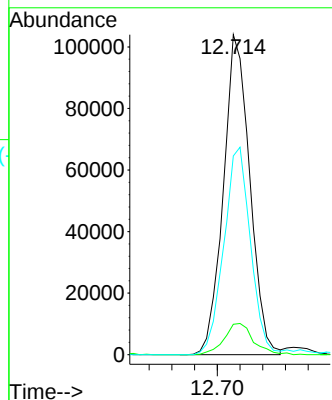
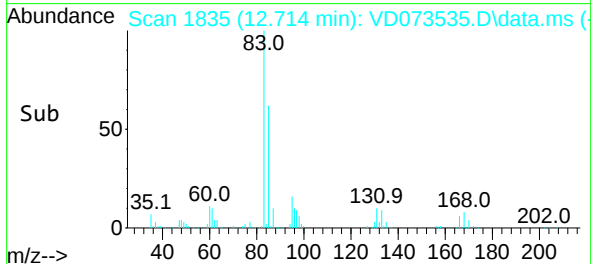
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 167809
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 65.4 32.6 98.0

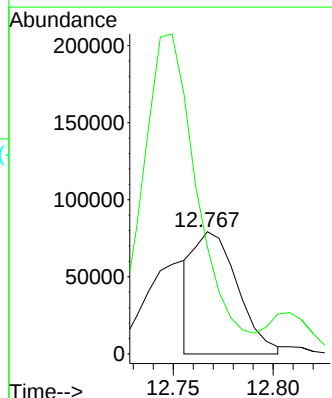
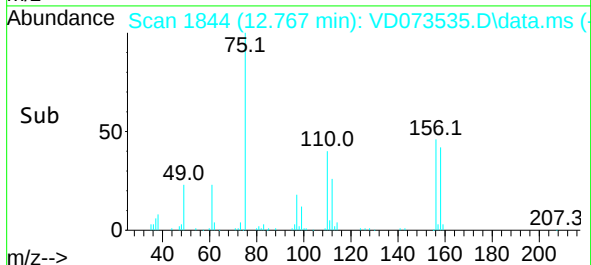
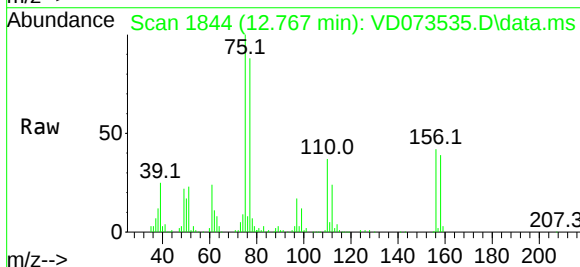
Manual Integrations
APPROVED

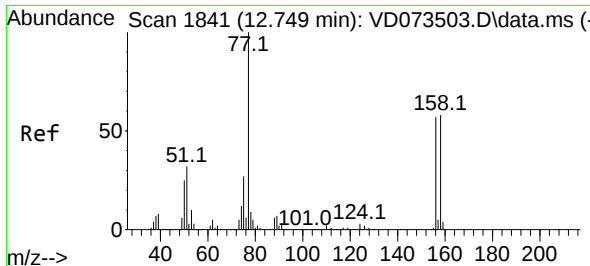
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#76
1,2,3-Trichloropropane
Concen: 49.456 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

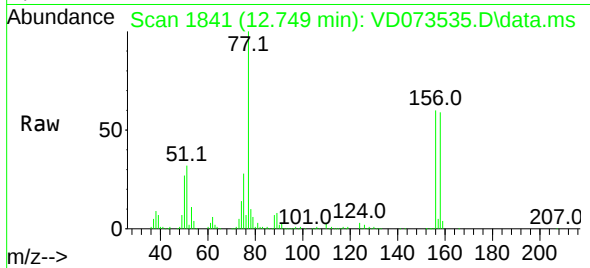
Tgt Ion: 75 Resp: 121854
Ion Ratio Lower Upper
75 100
77 327.6 0.0 0.0#





#77
Bromobenzene
Concen: 50.174 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

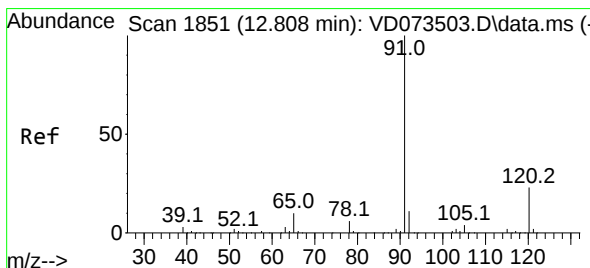
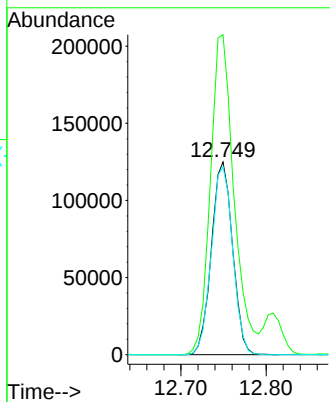
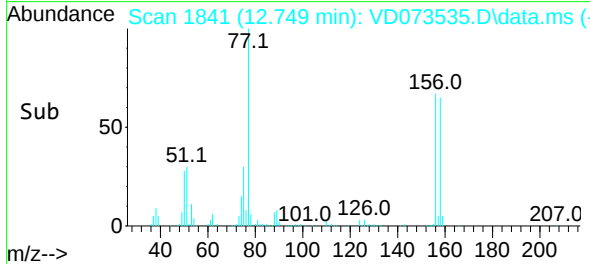
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



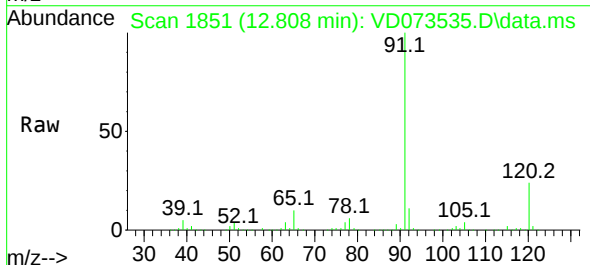
Tgt Ion:156 Resp: 21541
Ion Ratio Lower Upper
156 100
77 185.3 102.8 308.3
158 98.1 48.7 146.1

Manual Integrations
APPROVED

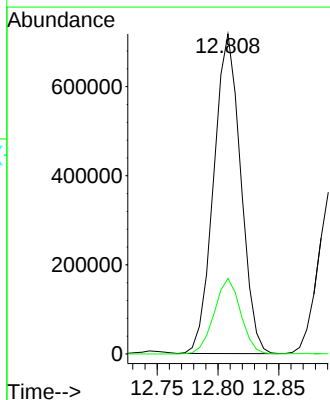
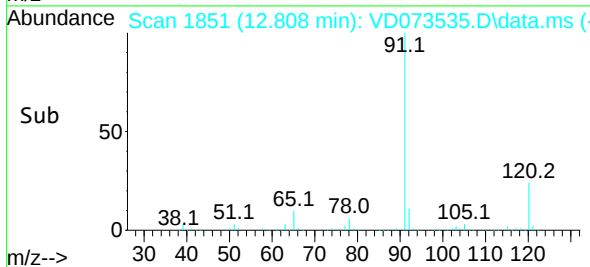
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

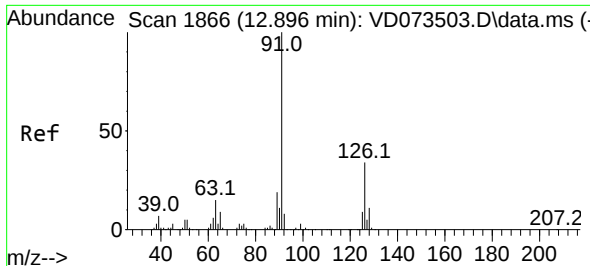


#78
n-propylbenzene
Concen: 50.593 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



Tgt Ion: 91 Resp: 1107089
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9





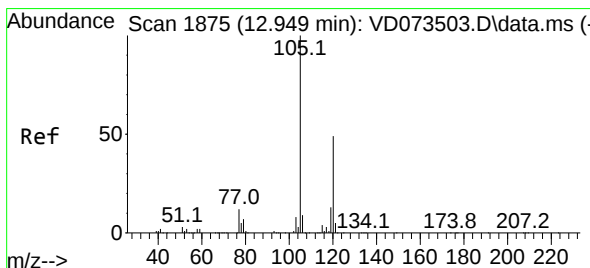
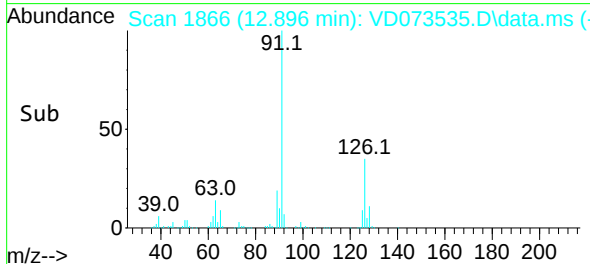
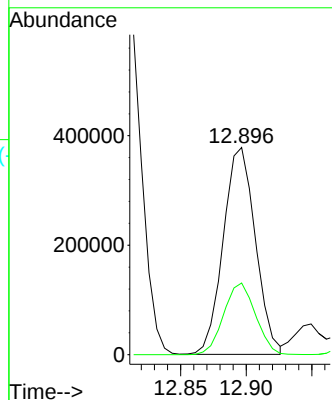
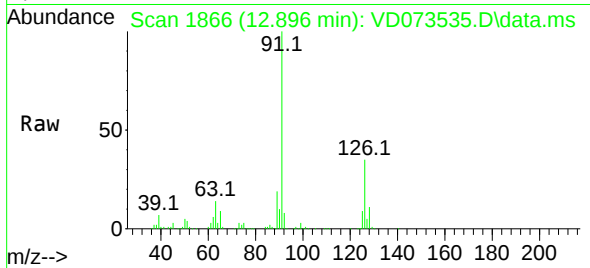
#79
2-Chlorotoluene
Concen: 50.754 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 64556
Ion Ratio Lower Upper
91 100
126 34.3 16.2 48.6

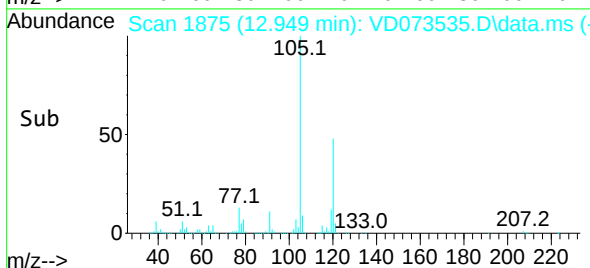
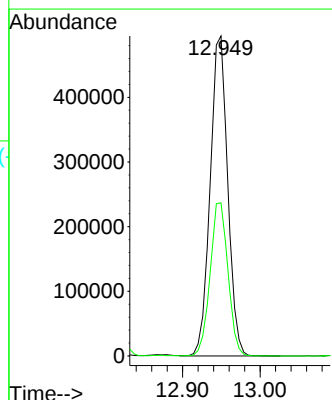
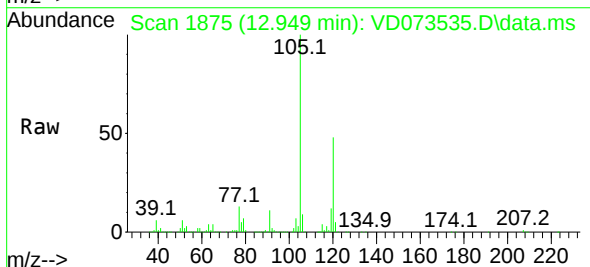
Manual Integrations
APPROVED

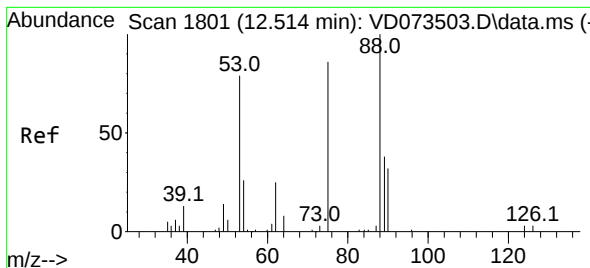
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.382 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

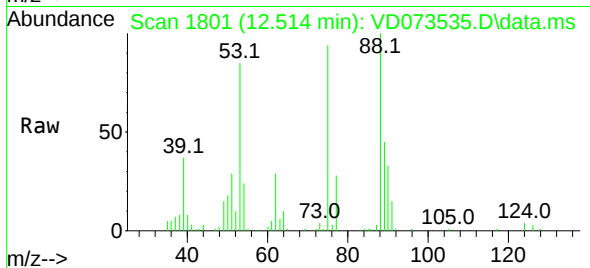
Tgt Ion:105 Resp: 779047
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.483 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

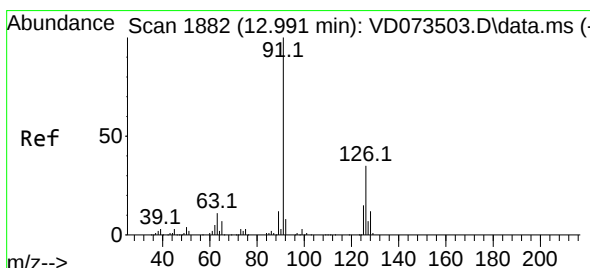
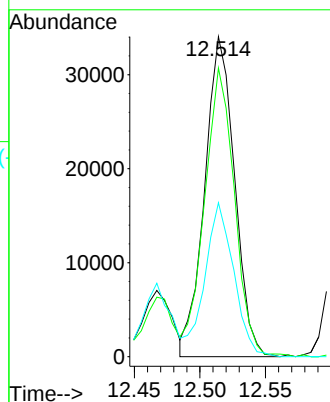
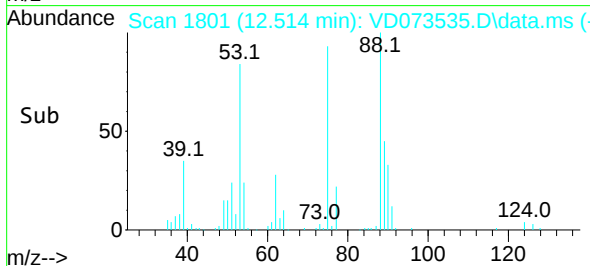
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5404
Ion Ratio Lower Upper
75 100
53 90.6 86.5 129.7
89 46.7 33.9 50.9

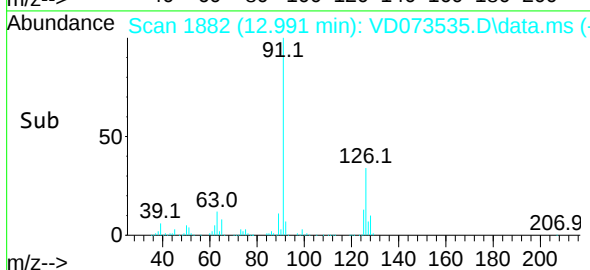
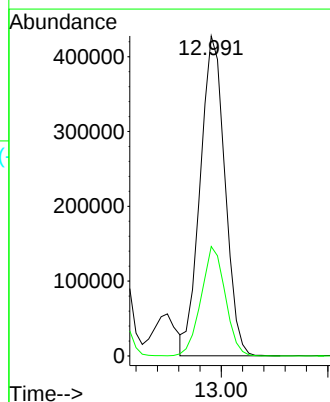
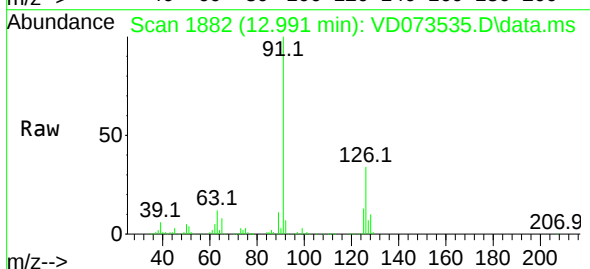
Manual Integrations
APPROVED

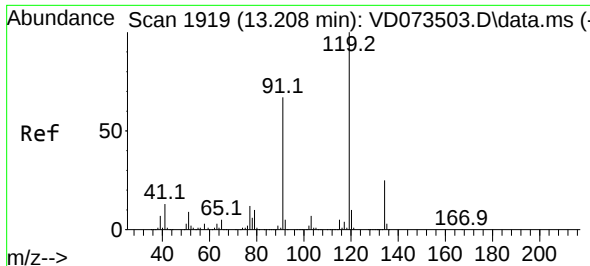
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#82
4-Chlorotoluene
Concen: 51.310 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

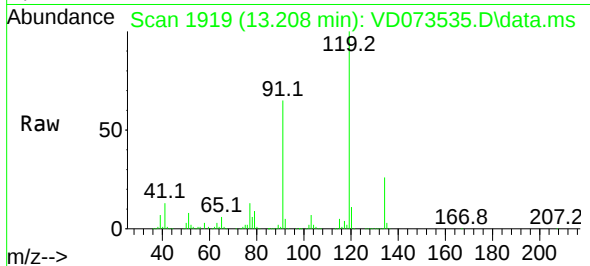
Tgt Ion: 91 Resp: 688037
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83
tert-Butylbenzene
Concen: 52.426 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

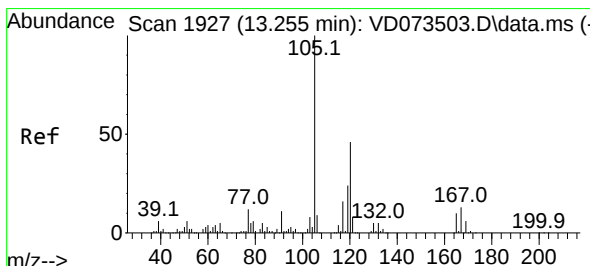
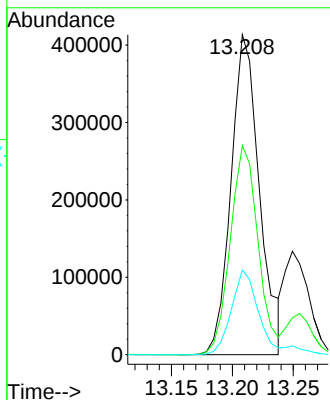
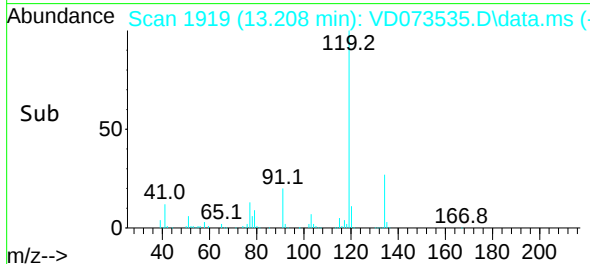
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



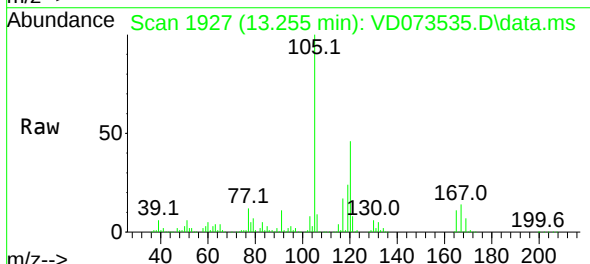
Tgt Ion:119 Resp: 671812
Ion Ratio Lower Upper
119 100
91 63.9 34.8 104.5
134 26.6 13.3 39.9

Manual Integrations
APPROVED

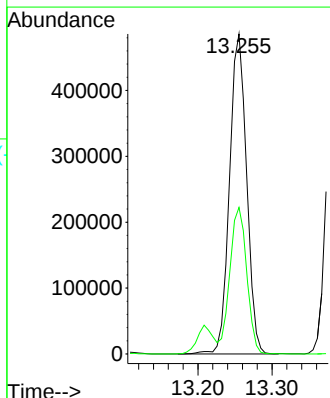
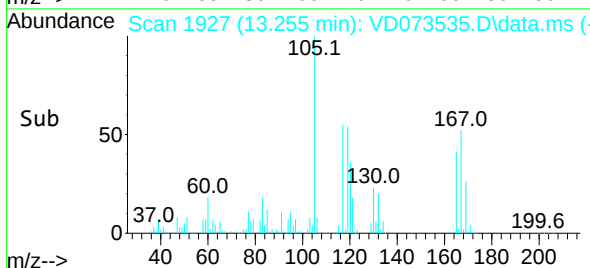
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

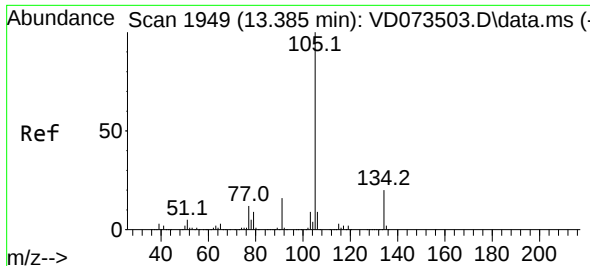


#84
1,2,4-Trimethylbenzene
Concen: 51.322 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



Tgt Ion:105 Resp: 776644
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





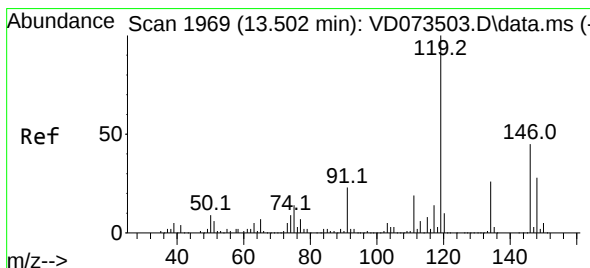
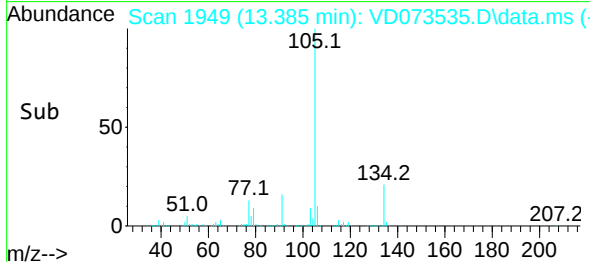
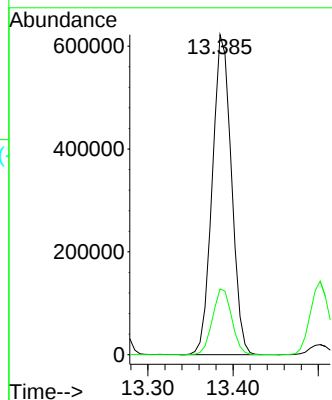
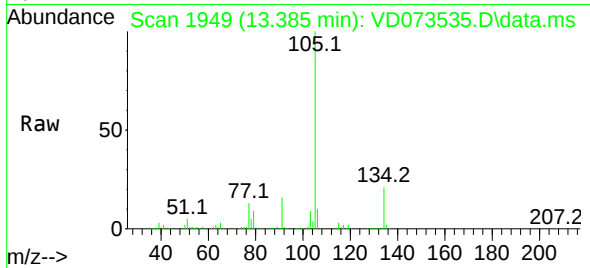
#85
 sec-Butylbenzene
 Concen: 50.564 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073535.D
 Acq: 10 Jun 2022 18:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 97065
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3

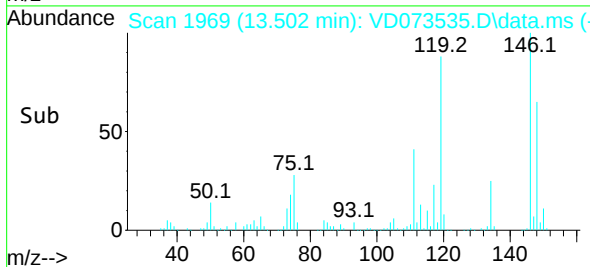
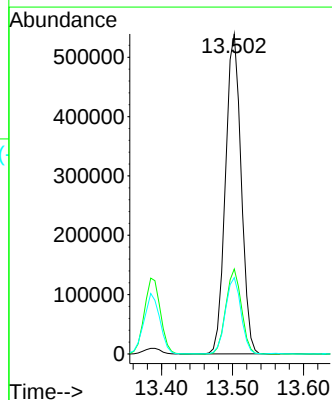
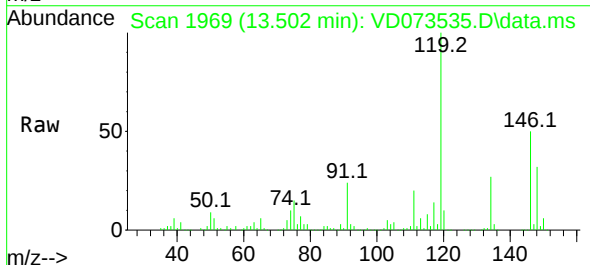
Manual Integrations
 APPROVED

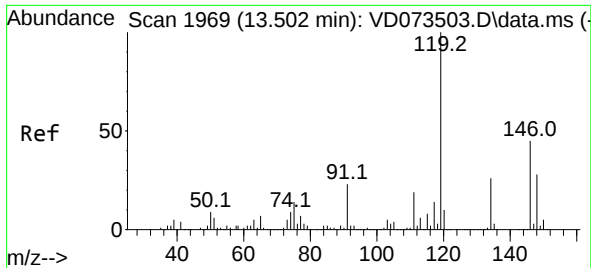
Reviewed By :John Carlone 06/11/2022
 Supervised By :Mahesh Dadoda 06/13/2022



#86
 p-Isopropyltoluene
 Concen: 51.492 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073535.D
 Acq: 10 Jun 2022 18:30

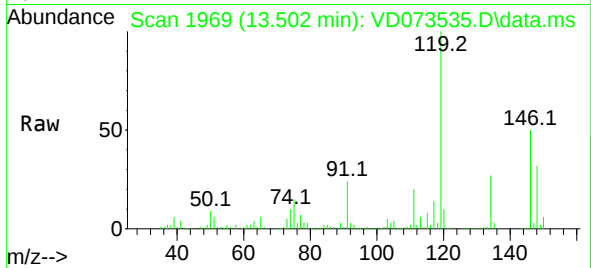
Tgt Ion:119 Resp: 823988
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.7 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 49.761 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

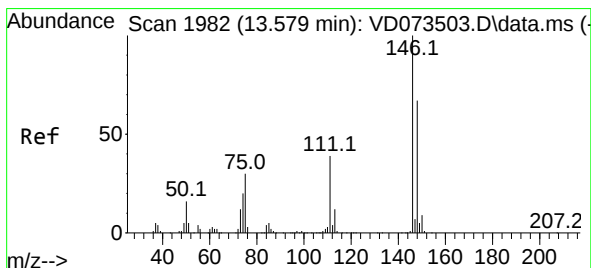
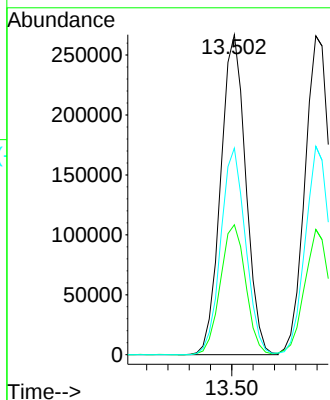
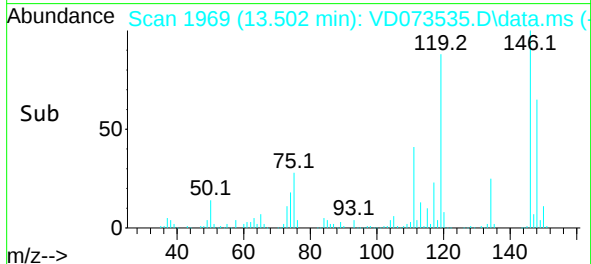
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



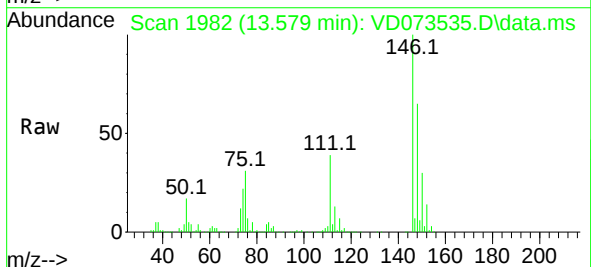
Tgt Ion:146 Resp: 43623
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 63.7 31.9 95.7

Manual Integrations
APPROVED

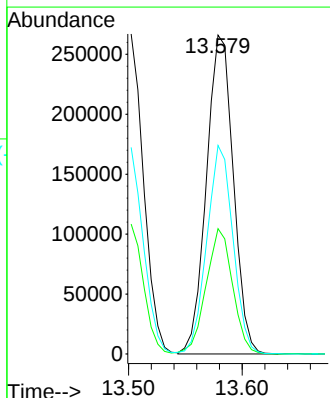
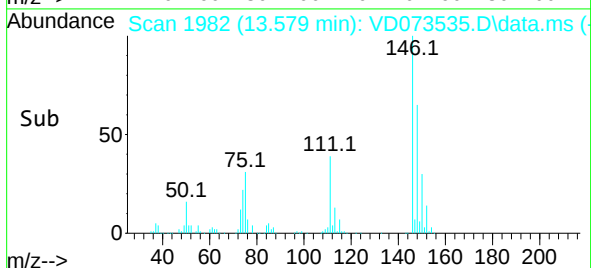
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

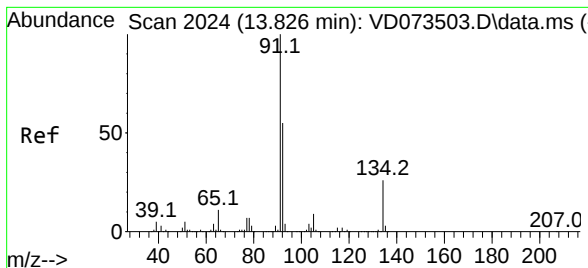


#88
1,4-Dichlorobenzene
Concen: 50.518 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



Tgt Ion:146 Resp: 438120
Ion Ratio Lower Upper
146 100
111 38.8 20.3 60.9
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 50.370 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

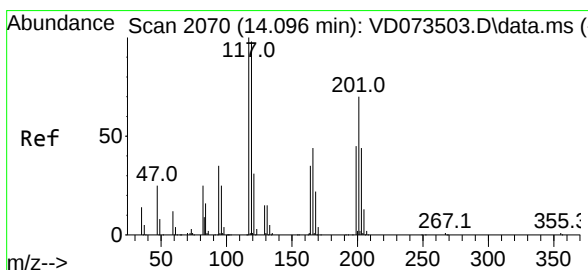
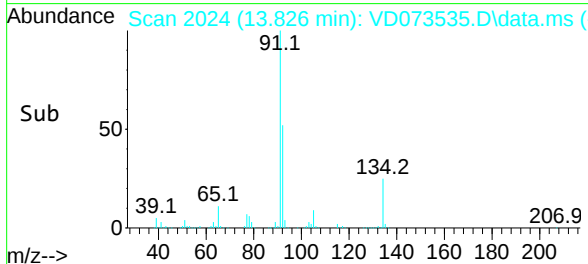
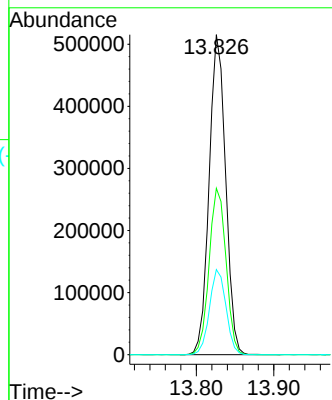
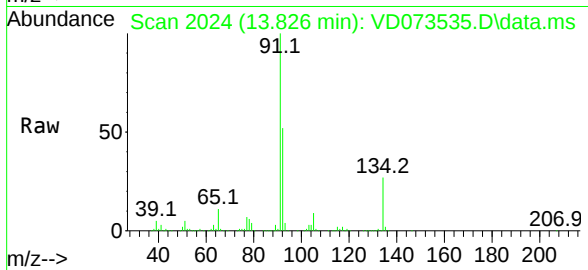
Tgt Ion:	91	Resp:	760359
Ion Ratio	Lower	Upper	
91	100		
92	53.4	26.6	79.8
134	26.6	12.3	36.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#90

Hexachloroethane

Concen: 49.613 ug/l

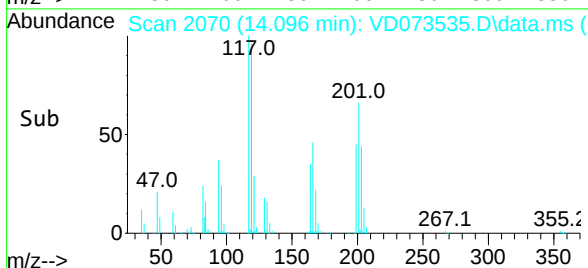
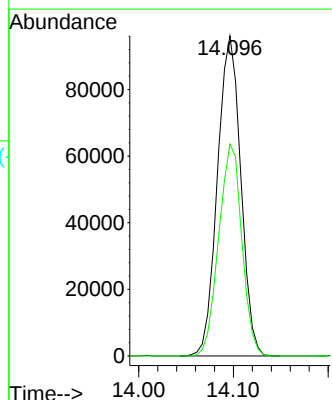
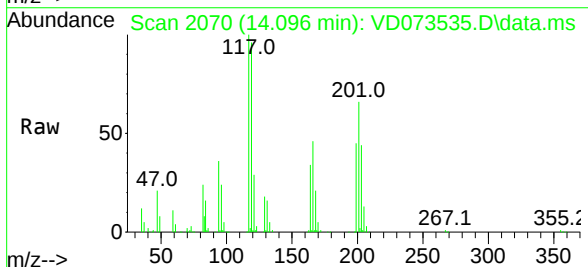
RT: 14.096 min Scan# 2070

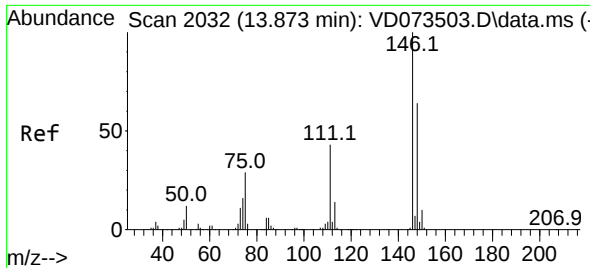
Delta R.T. 0.000 min

Lab File: VD073535.D

Acq: 10 Jun 2022 18:30

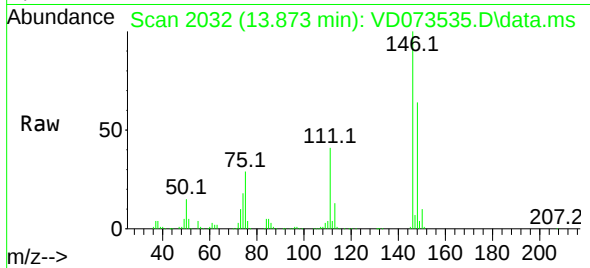
Tgt Ion:	117	Resp:	164412
Ion Ratio	Lower	Upper	
117	100		
201	65.6	33.4	100.2





#91
1,2-Dichlorobenzene
Concen: 51.319 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

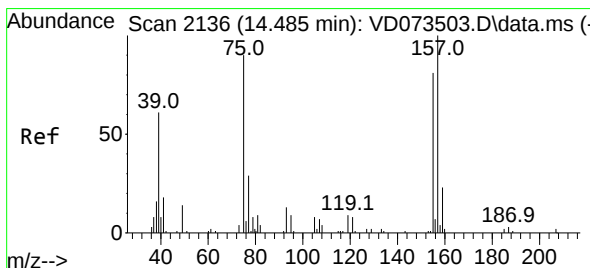
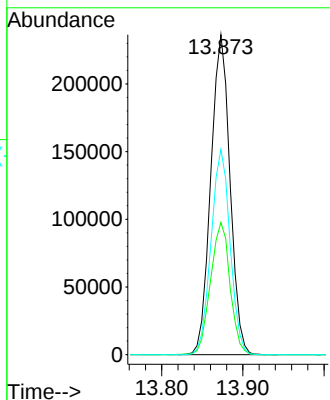
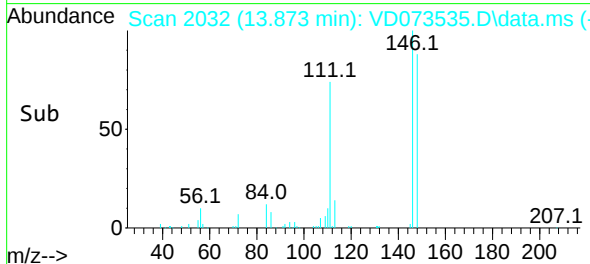
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



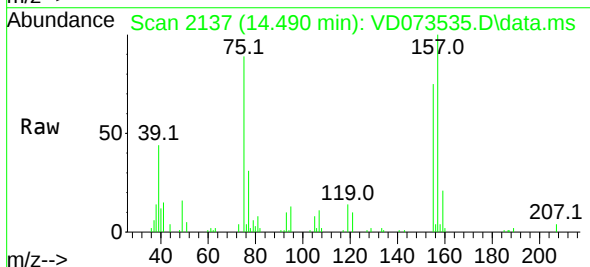
Tgt Ion:146 Resp: 388038
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 63.7 31.7 95.1

Manual Integrations
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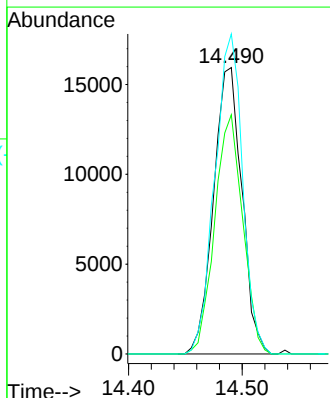
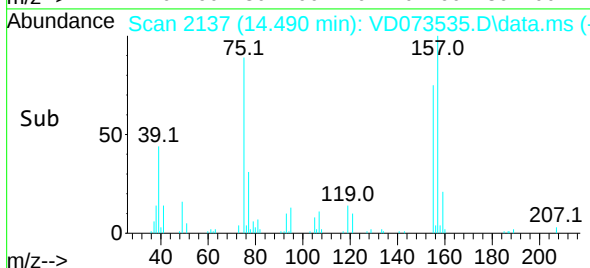
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

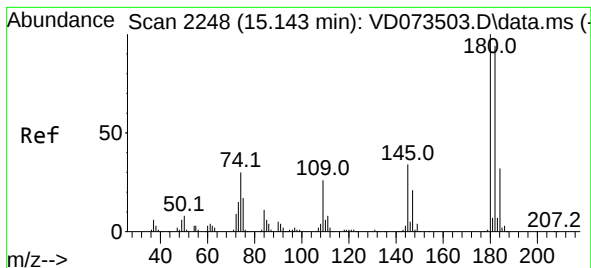


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.046 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.005 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



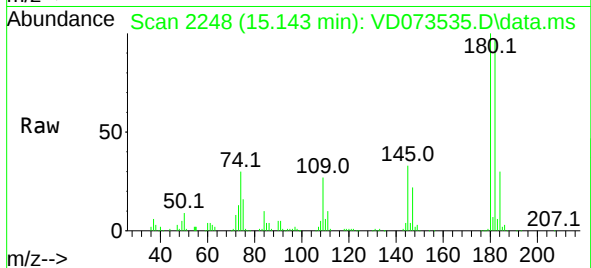
Tgt Ion: 75 Resp: 27740
Ion Ratio Lower Upper
75 100
155 82.4 36.8 110.3
157 108.8 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 51.048 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

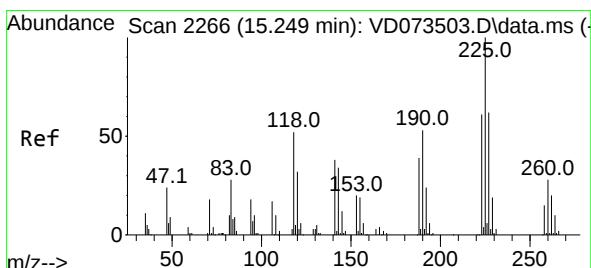
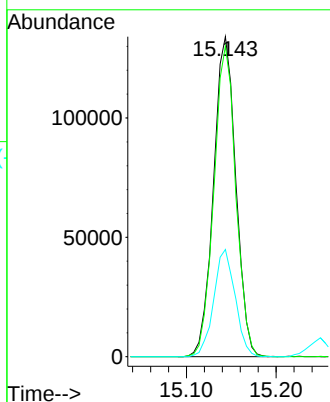
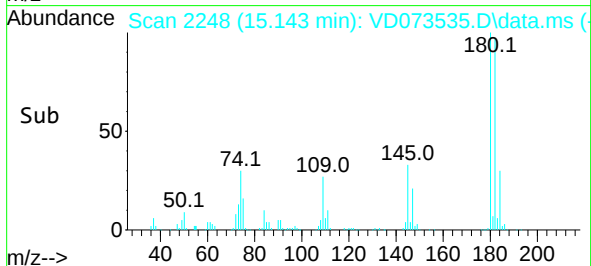
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



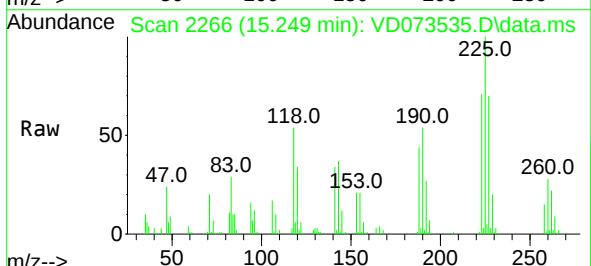
Tgt Ion:180 Resp: 23114
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 32.3 16.2 48.5

Manual Integrations
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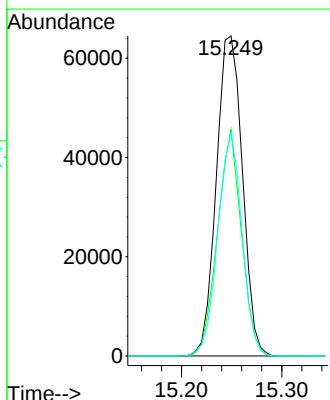
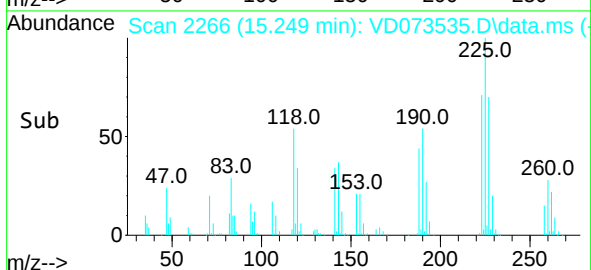
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

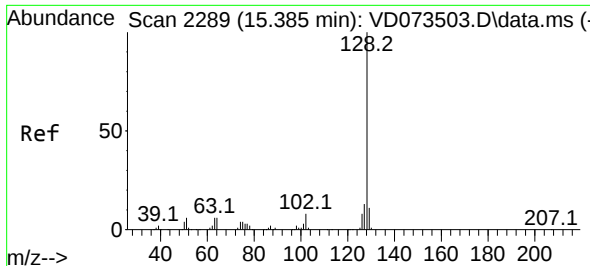


#94
Hexachlorobutadiene
Concen: 46.979 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30



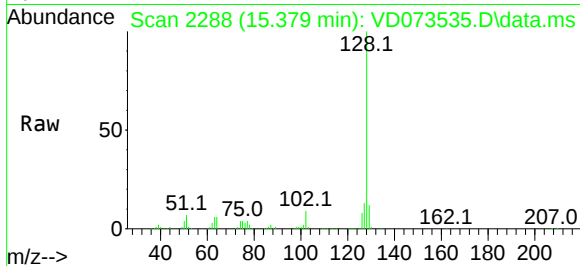
Tgt Ion:225 Resp: 116683
Ion Ratio Lower Upper
225 100
223 64.8 31.1 93.2
227 64.7 32.4 97.0





#95
Naphthalene
Concen: 49.737 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

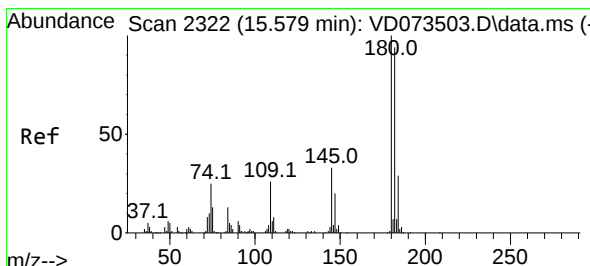
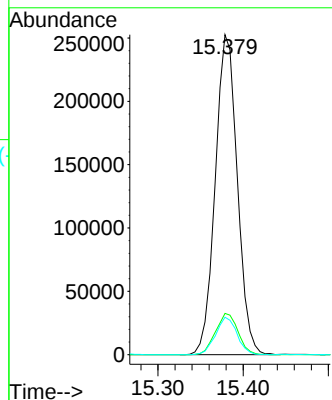
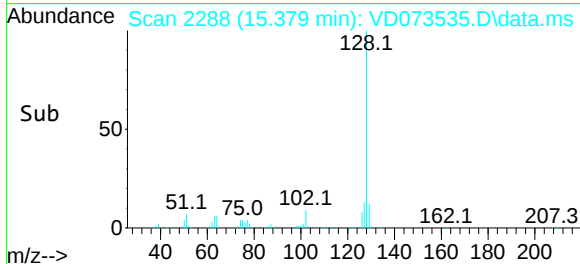
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 455410
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.4 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.943 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073535.D
Acq: 10 Jun 2022 18:30

Tgt Ion:180 Resp: 205365
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 34.3 17.1 51.3

