

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073055.D
 Acq On : 17 May 2022 11:43
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:43:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:27:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	298149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	495510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	481066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	183018	49.085	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.180%		
35) Dibromofluoromethane	7.908	113	176798	50.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.640%		
50) Toluene-d8	10.332	98	655896	51.968	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.940%		
62) 4-Bromofluorobenzene	12.620	95	237028	51.851	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	153562	41.189	ug/l	96
3) Chloromethane	2.209	50	168945	43.956	ug/l	96
4) Vinyl Chloride	2.350	62	160374	45.370	ug/l	97
5) Bromomethane	2.767	94	112722	44.898	ug/l	93
6) Chloroethane	2.920	64	98834	44.900	ug/l	94
7) Trichlorofluoromethane	3.267	101	288284	44.566	ug/l	100
8) Diethyl Ether	3.709	74	85285	48.183	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	170354	44.472	ug/l	97
10) Methyl Iodide	4.297	142	191152	49.402	ug/l	97
11) Tert butyl alcohol	5.209	59	85958	149.046	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	158017	45.618	ug/l	92
13) Acrolein	3.920	56	79337	253.972	ug/l	97
14) Allyl chloride	4.714	41	258015	47.014	ug/l	92
15) Acrylonitrile	5.414	53	211755	249.613	ug/l	95
16) Acetone	4.156	43	158709	235.215	ug/l	90
17) Carbon Disulfide	4.409	76	531418	45.805	ug/l	98
18) Methyl Acetate	4.714	43	89955	42.229	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	401008	49.502	ug/l	99
20) Methylene Chloride	4.961	84	205624	41.988	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	195501	47.447	ug/l	89
22) Diisopropyl ether	6.361	45	585644	49.717	ug/l #	93
23) Vinyl Acetate	6.303	43	1635989	257.083	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	343018	46.806	ug/l	100
25) 2-Butanone	7.203	43	243635	238.453	ug/l	92
26) 2,2-Dichloropropane	7.203	77	285545	46.022	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	217620	47.893	ug/l	92
28) Bromochloromethane	7.538	49	119920	47.770	ug/l	84
29) Tetrahydrofuran	7.555	42	167663	255.019	ug/l	94
30) Chloroform	7.703	83	366192	46.701	ug/l	97
31) Cyclohexane	7.979	56	300052	44.676	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	313684	46.694	ug/l	97
36) 1,1-Dichloropropene	8.108	75	265508	46.837	ug/l	95
37) Ethyl Acetate	7.285	43	118209	49.653	ug/l #	94
38) Carbon Tetrachloride	8.091	117	274347	47.304	ug/l	96
39) Methylcyclohexane	9.349	83	317137	47.977	ug/l	99
40) Benzene	8.344	78	783701	48.350	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	69387	51.687	ug/l	92
42) 1,2-Dichloroethane	8.420	62	229434	48.630	ug/l	96
43) Isopropyl Acetate	8.450	43	219101	49.501	ug/l #	94
44) Trichloroethene	9.108	130	204059	46.544	ug/l	100
45) 1,2-Dichloropropane	9.379	63	201573	47.887	ug/l	96
46) Dibromomethane	9.467	93	111518	47.912	ug/l	97
47) Bromodichloromethane	9.655	83	284342	48.099	ug/l	97
48) Methyl methacrylate	9.449	41	114908	52.338	ug/l	91
49) 1,4-Dioxane	9.455	88	24944	1029.361	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	590213	255.518	ug/l	94
52) Toluene	10.396	92	505679	49.139	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	264896	49.132	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	310905	48.909	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	153698	48.379	ug/l	98
56) Ethyl methacrylate	10.655	69	188199	52.380	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	263283	48.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	439365	269.391	ug/l	95
59) 2-Hexanone	10.973	43	395281	259.050	ug/l	94
60) Dibromochloromethane	11.132	129	190721	48.321	ug/l	98
61) 1,2-Dibromoethane	11.238	107	145955	47.743	ug/l	97
64) Tetrachloroethene	10.867	164	166669	47.289	ug/l	94
65) Chlorobenzene	11.661	112	527774	48.385	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	198091	47.541	ug/l	98
67) Ethyl Benzene	11.738	91	955419	50.305	ug/l	100
68) m/p-Xylenes	11.843	106	739640	100.483	ug/l	100
69) o-Xylene	12.167	106	345295	50.868	ug/l	96
70) Styrene	12.185	104	614617	51.839	ug/l	97
71) Bromoform	12.349	173	109629	49.972	ug/l #	99
73) Isopropylbenzene	12.467	105	899093	50.398	ug/l	100
74) N-amyl acetate	12.279	43	218786	52.478	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	175367	49.863	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	129006m	47.914	ug/l	
77) Bromobenzene	12.749	156	213327	50.117	ug/l	95
78) n-propylbenzene	12.808	91	1135384	50.680	ug/l	99
79) 2-Chlorotoluene	12.896	91	654175	50.125	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	769455	50.629	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	56921	51.299	ug/l	90
82) 4-Chlorotoluene	12.990	91	685321	49.616	ug/l	99
83) tert-Butylbenzene	13.208	119	644562	50.070	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	770551	50.961	ug/l	99
85) sec-Butylbenzene	13.390	105	973866	49.838	ug/l	99
86) p-Isopropyltoluene	13.502	119	809663	50.941	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	431511	49.323	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	421622	48.769	ug/l	99
89) n-Butylbenzene	13.826	91	781777	50.577	ug/l	99
90) Hexachloroethane	14.096	117	158280	47.925	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	373621	49.238	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27021	49.428	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	219969	50.808	ug/l	99
94) Hexachlorobutadiene	15.249	225	115761	47.903	ug/l	97
95) Naphthalene	15.384	128	414650	52.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	195409	50.838	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 18 04:27:31 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

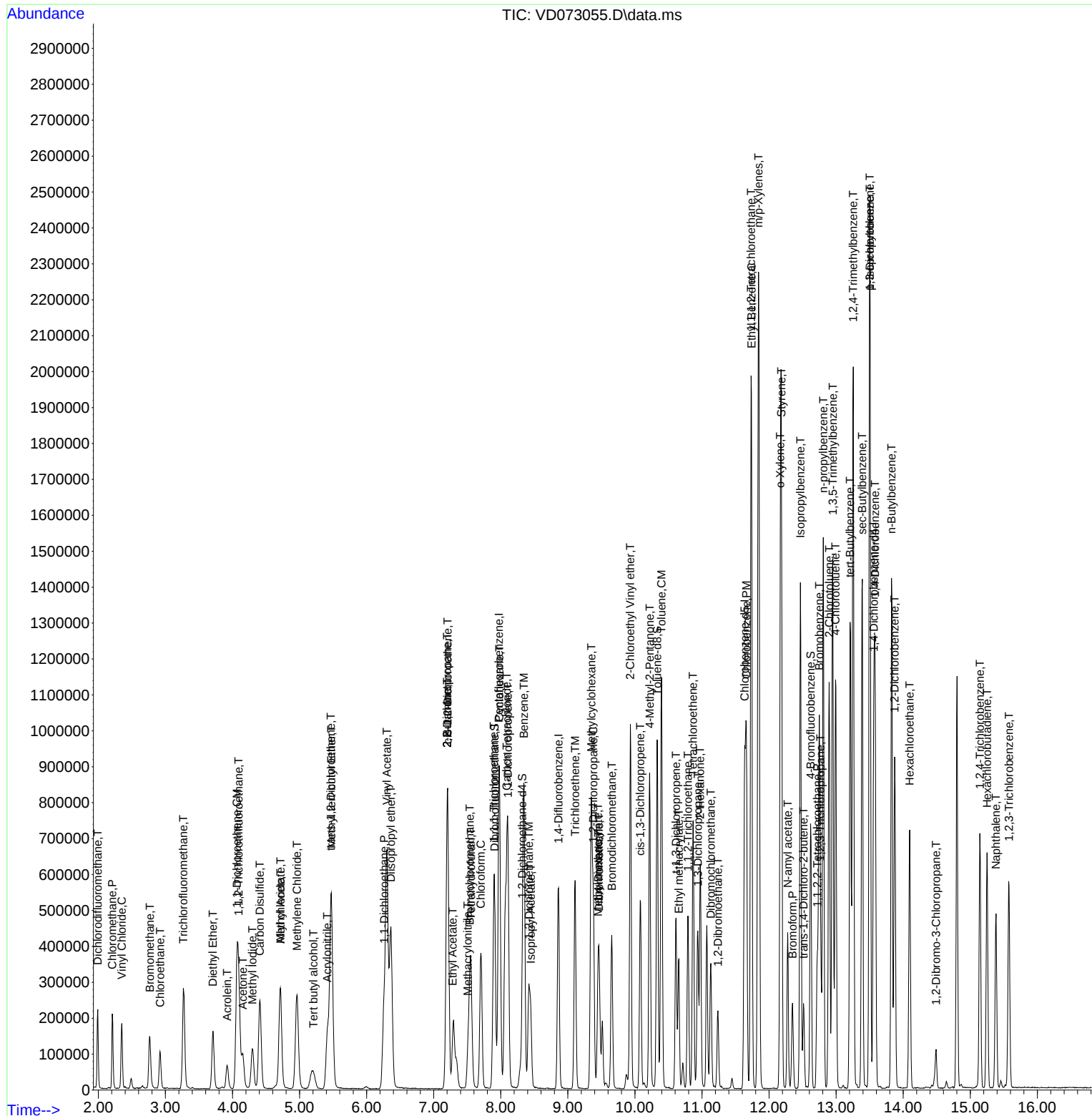
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
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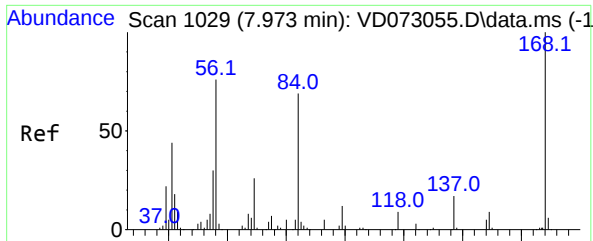
Instrument :
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ClientSampleId :
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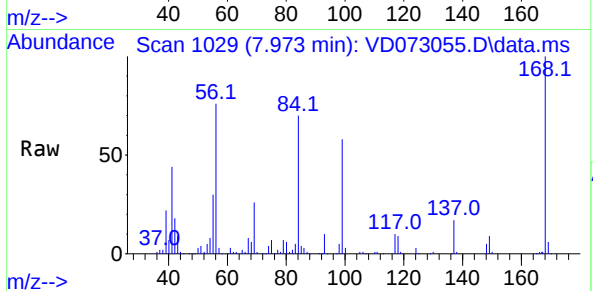
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073055.D
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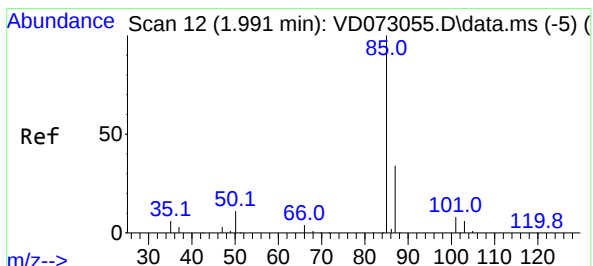
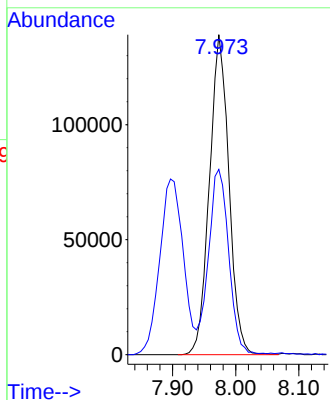
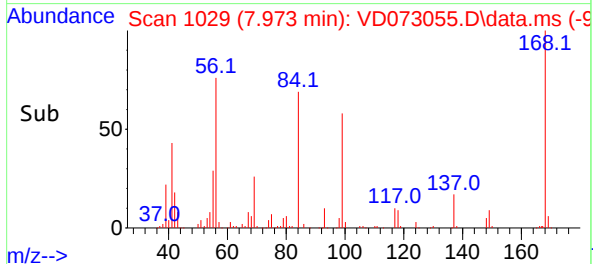
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



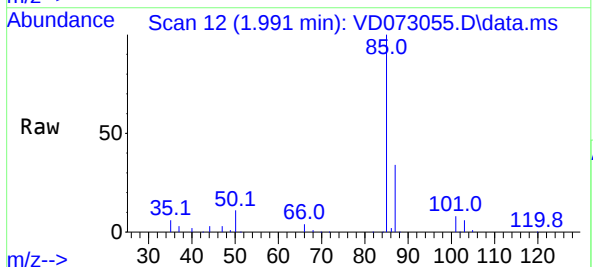
Tgt Ion:168 Resp: 298149
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6

Manual Integrations
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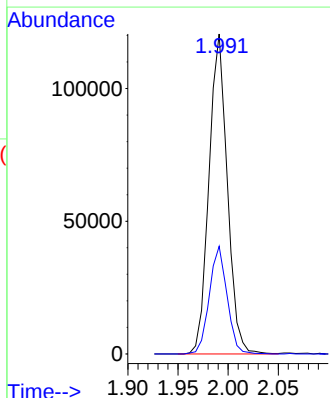
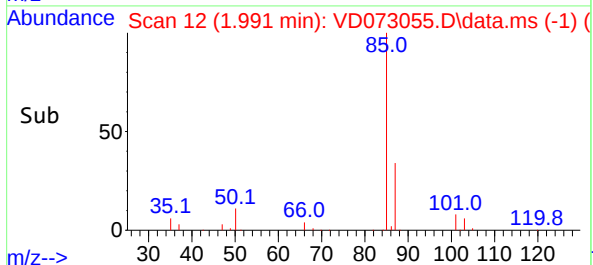
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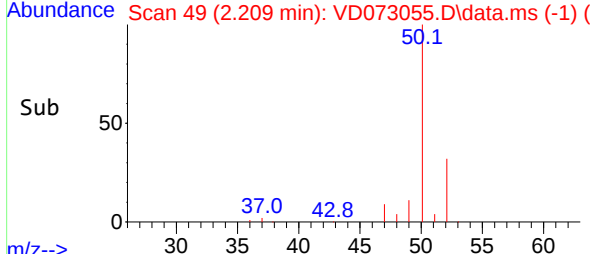
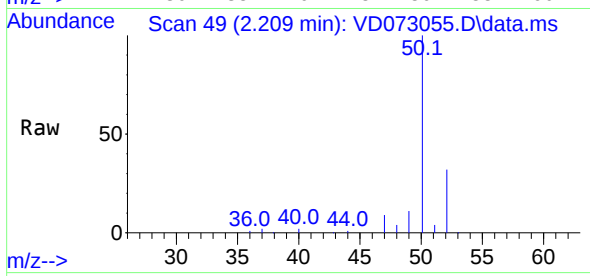
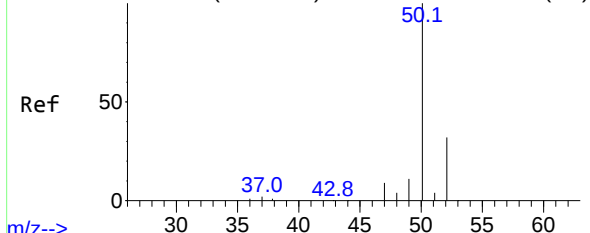
#2
Dichlorodifluoromethane
Concen: 41.189 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion: 85 Resp: 153562
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0



Abundance Scan 49 (2.209 min): VD073055.D\data.ms (-43)



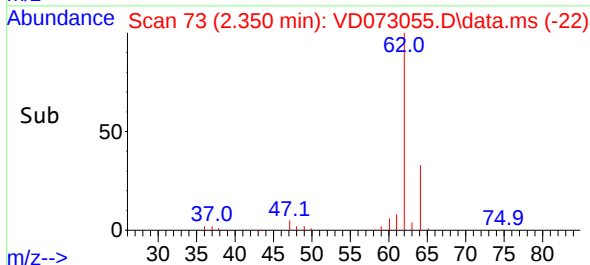
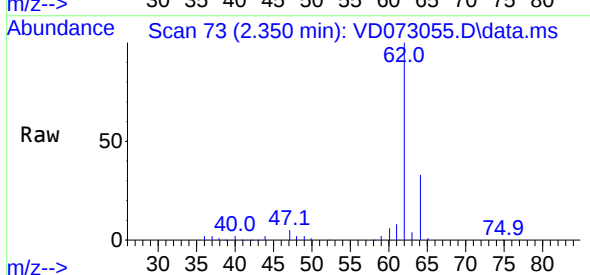
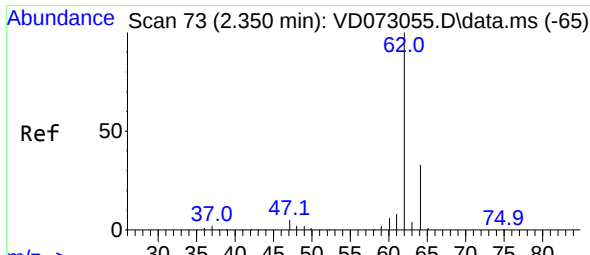
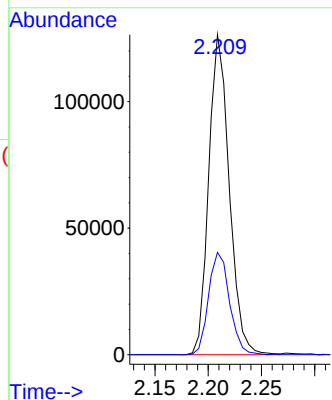
#3
Chloromethane
Concen: 43.956 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Tgt Ion: 50 Resp: 168945
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.0

Instrument :
MSVOA_D
ClientSampleId :
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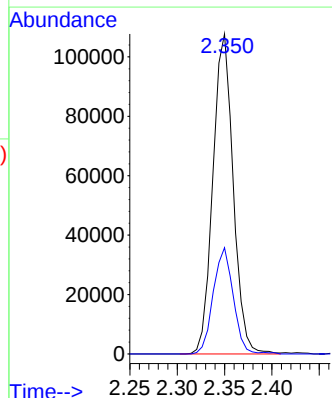
Manual Integrations
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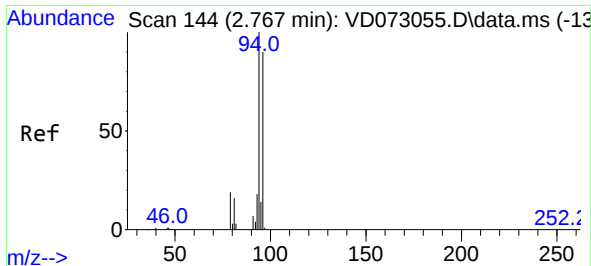
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#4
Vinyl Chloride
Concen: 45.370 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

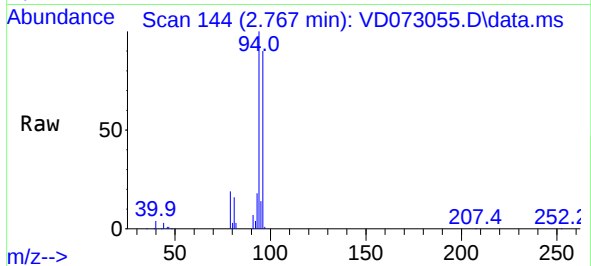
Tgt Ion: 62 Resp: 160374
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 44.898 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

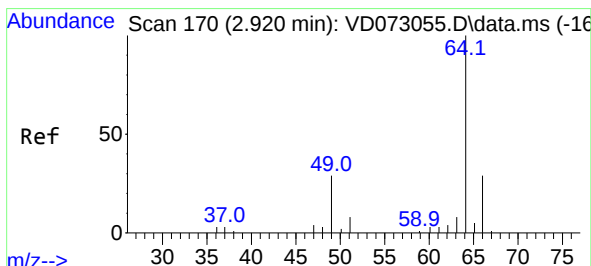
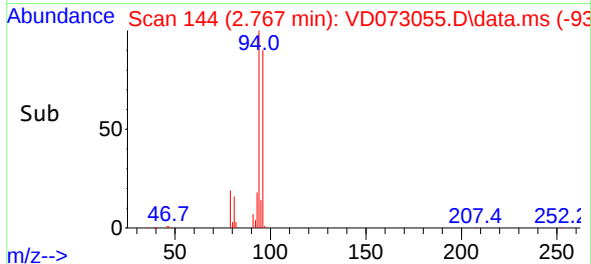
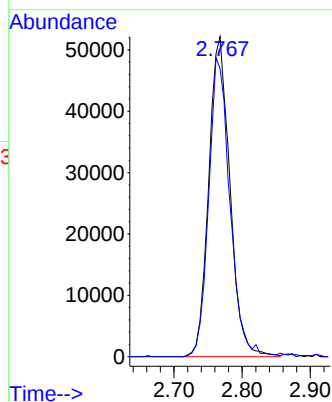
Instrument :
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Tgt Ion: 94 Resp: 11272
Ion Ratio Lower Upper
94 100
96 90.1 77.6 116.4

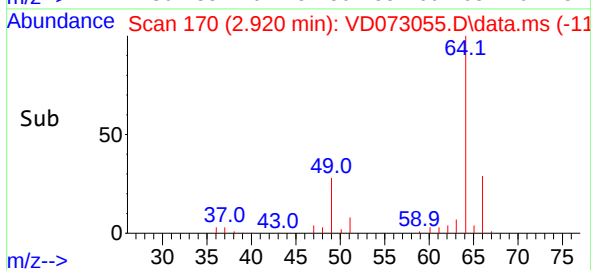
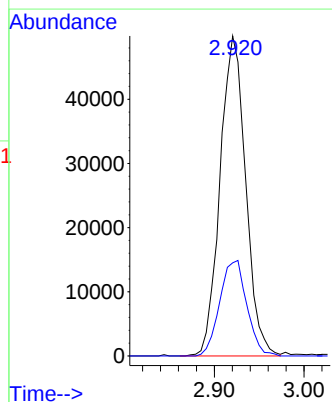
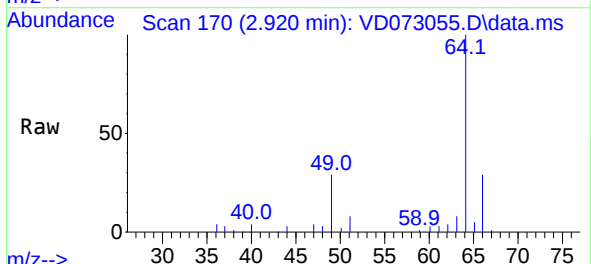
Manual Integrations
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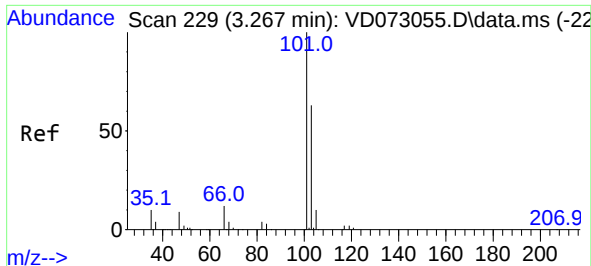
Reviewed By :John Carlone 05/18/2022
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#6
Chloroethane
Concen: 44.900 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

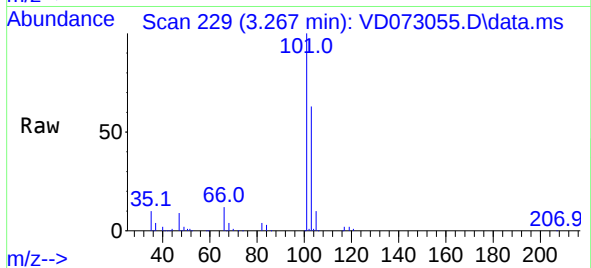
Tgt Ion: 64 Resp: 98834
Ion Ratio Lower Upper
64 100
66 29.1 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 44.566 ug/l
 RT: 3.267 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD073055.D
 Acq: 17 May 2022 11:43

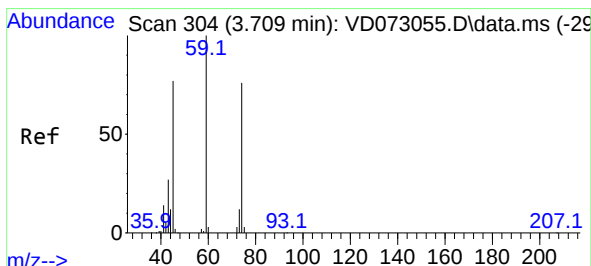
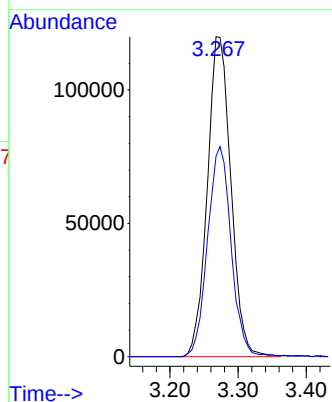
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 288284
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.1 75.1

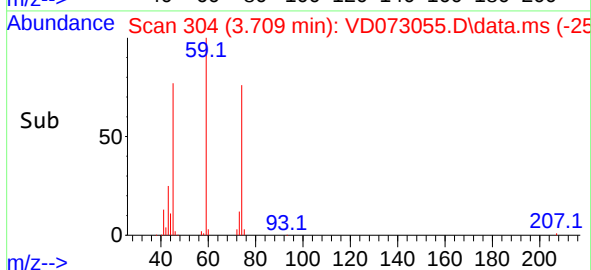
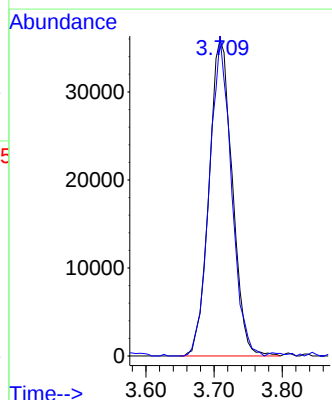
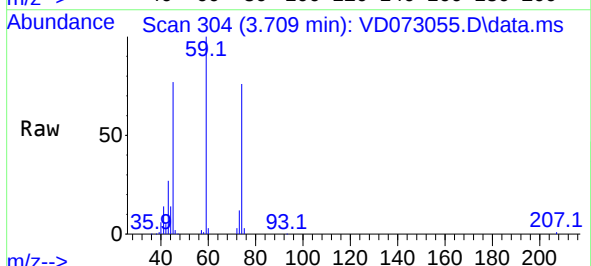
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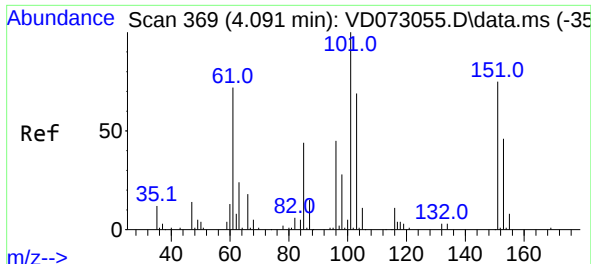
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#8
 Diethyl Ether
 Concen: 48.183 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073055.D
 Acq: 17 May 2022 11:43

Tgt Ion: 74 Resp: 85285
 Ion Ratio Lower Upper
 74 100
 45 95.5 52.6 157.8





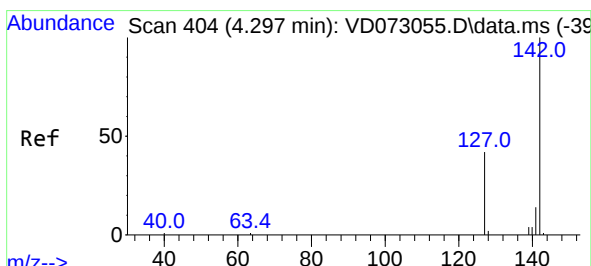
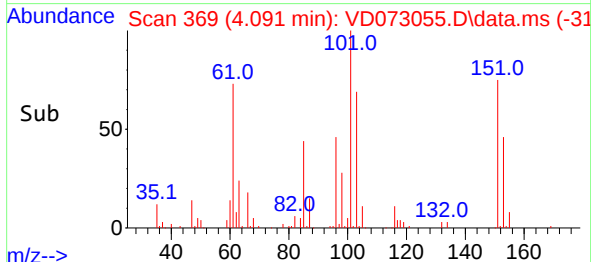
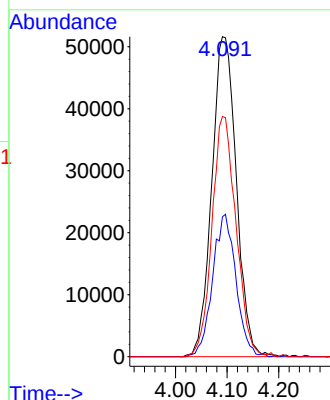
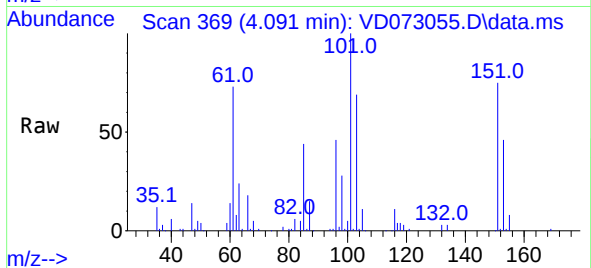
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.472 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 170354
Ion Ratio Lower Upper
101 100
85 42.4 36.4 54.6
151 73.4 57.3 85.9

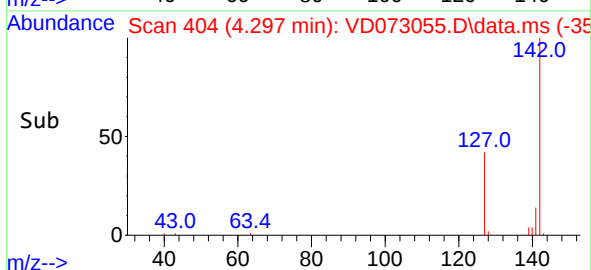
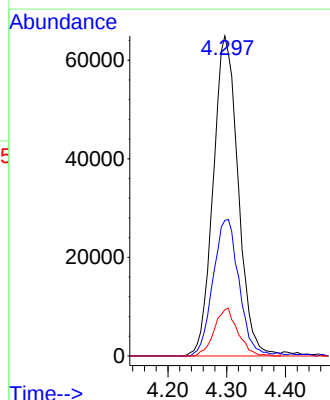
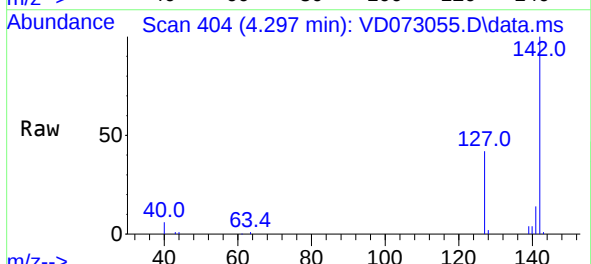
Manual Integrations
APPROVED

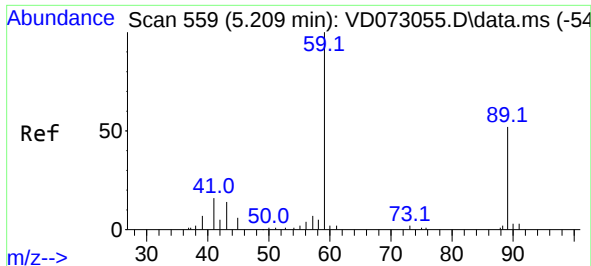
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 49.402 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

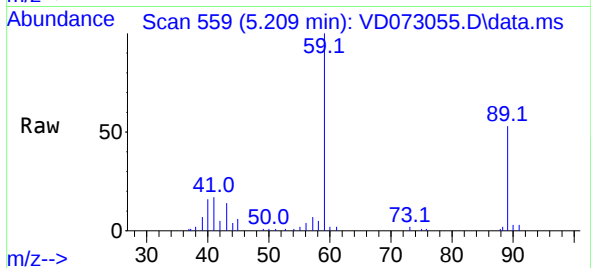
Tgt Ion:142 Resp: 191152
Ion Ratio Lower Upper
142 100
127 44.4 37.3 55.9
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 149.046 ug/l
RT: 5.209 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

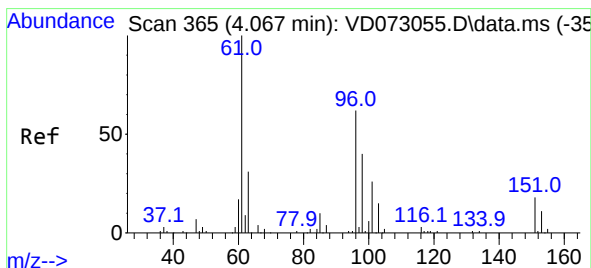
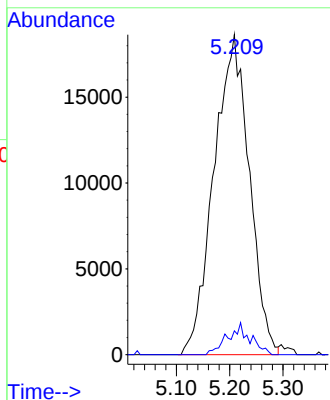
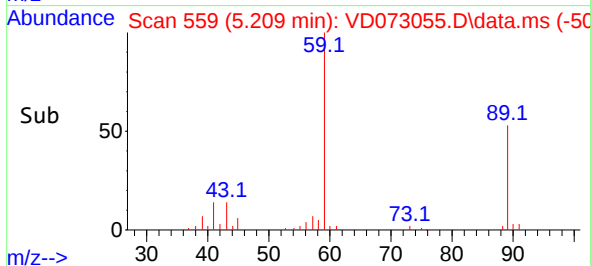
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



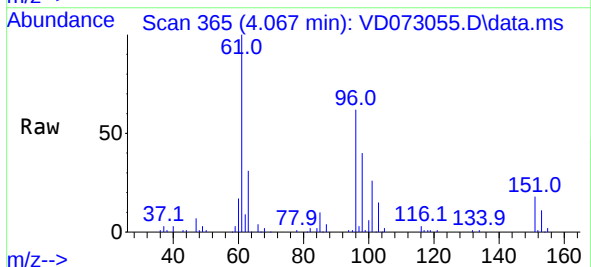
Tgt Ion: 59 Resp: 85958
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.6

Manual Integrations
APPROVED

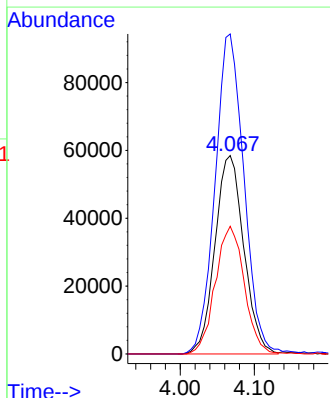
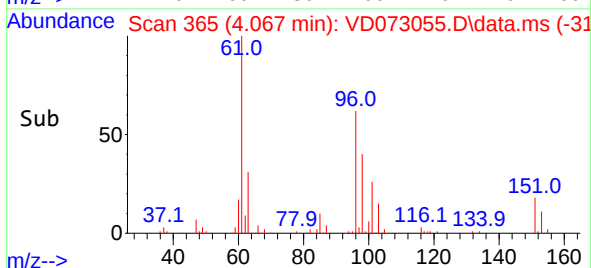
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

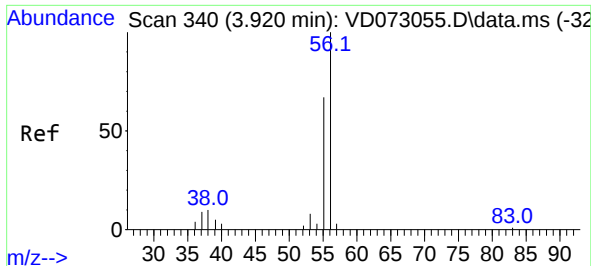


#12
1,1-Dichloroethene
Concen: 45.618 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



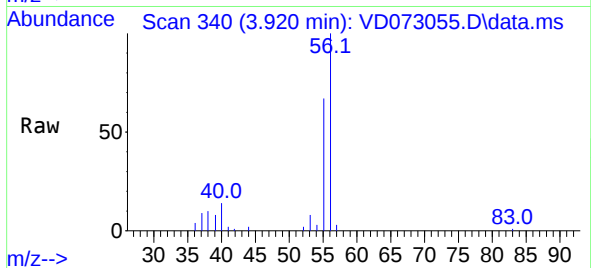
Tgt Ion: 96 Resp: 158017
Ion Ratio Lower Upper
96 100
61 161.3 138.5 207.7
98 64.4 48.6 73.0





#13
Acrolein
Concen: 253.972 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

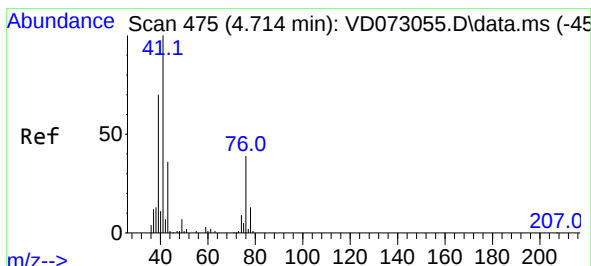
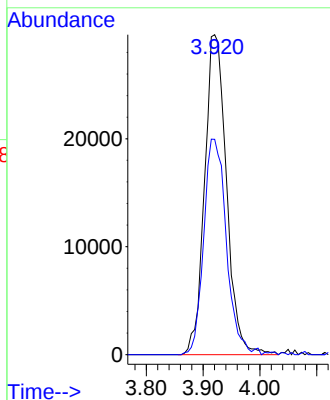
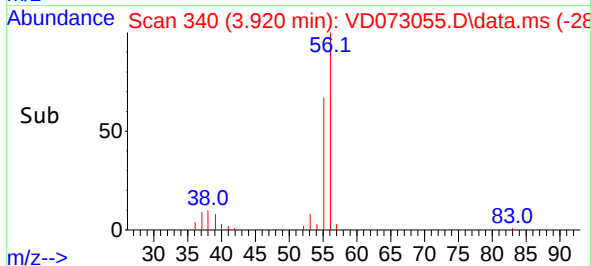
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



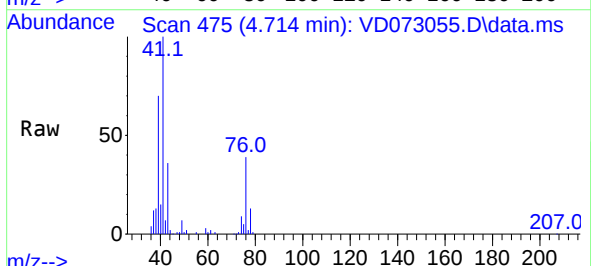
Tgt Ion: 56 Resp: 7933
Ion Ratio Lower Upper
56 100
55 69.1 57.1 85.7

Manual Integrations
APPROVED

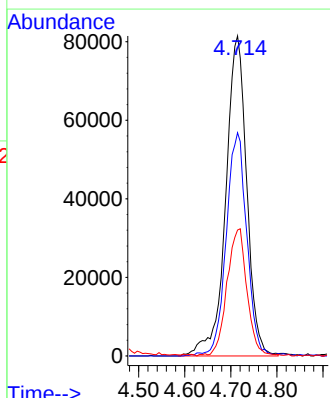
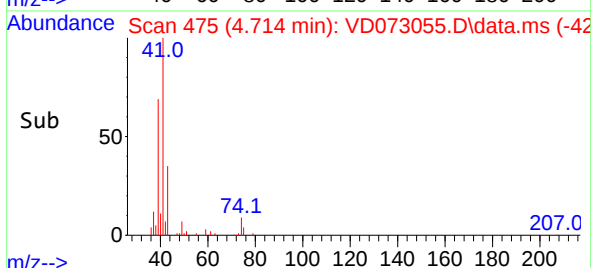
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

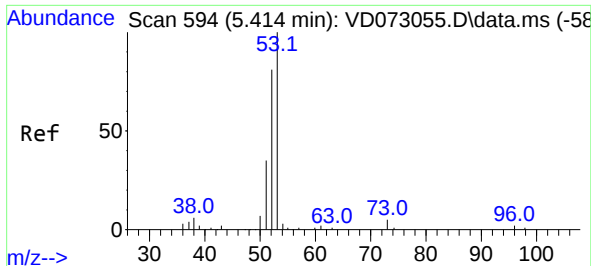


#14
Allyl chloride
Concen: 47.014 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



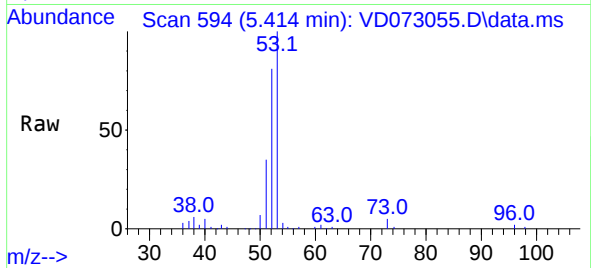
Tgt Ion: 41 Resp: 258015
Ion Ratio Lower Upper
41 100
39 68.2 59.3 88.9
76 37.9 25.7 38.5





#15
Acrylonitrile
Concen: 249.613 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

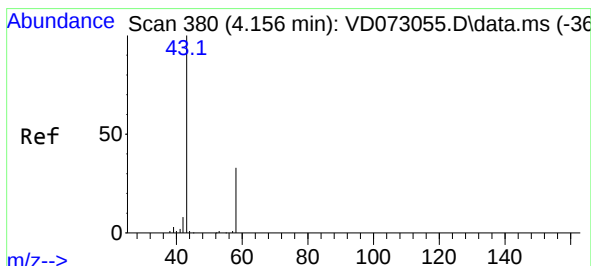
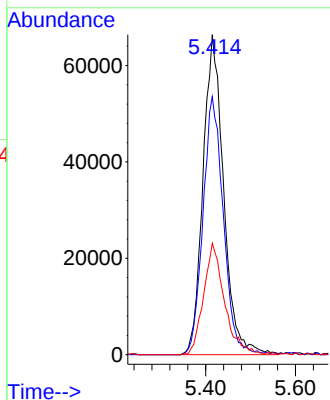
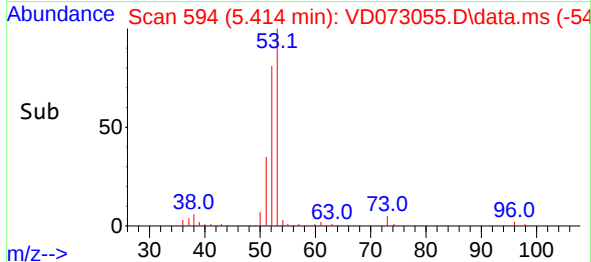
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 21175
Ion Ratio Lower Upper
53 100
52 79.7 67.2 100.8
51 35.3 30.3 45.5

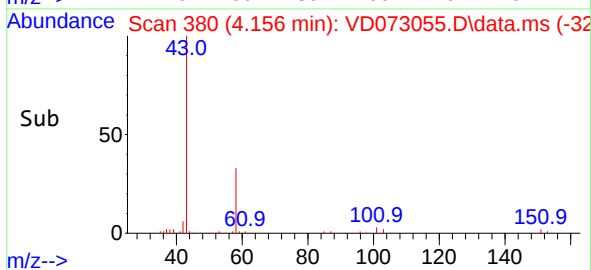
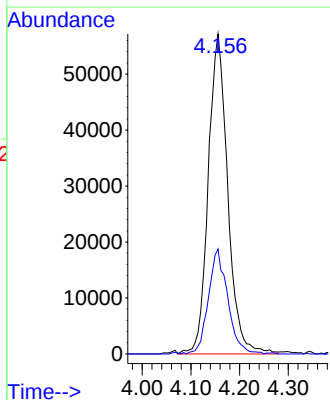
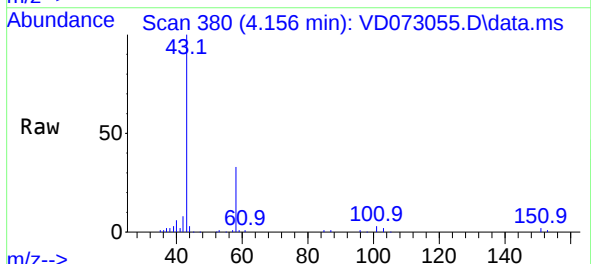
Manual Integrations
APPROVED

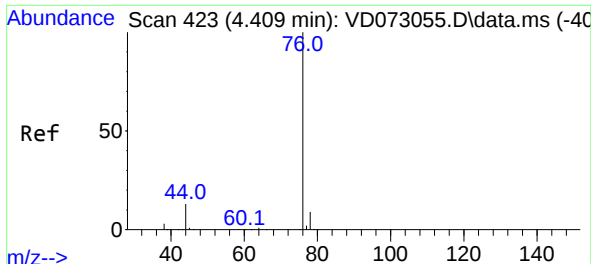
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 235.215 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

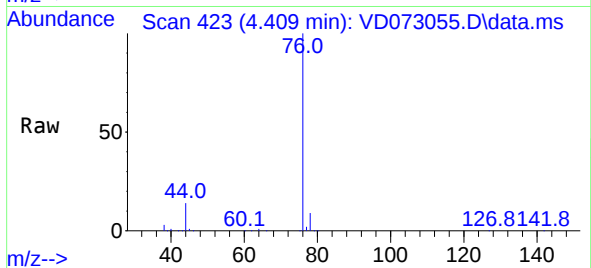
Tgt Ion: 43 Resp: 158709
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1





#17
Carbon Disulfide
Concen: 45.805 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

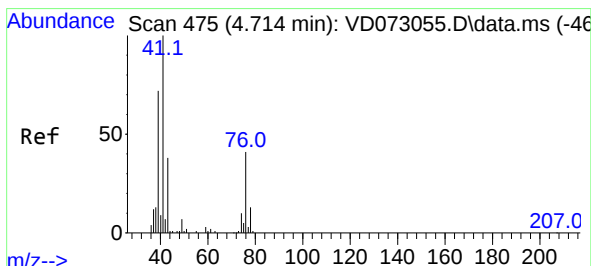
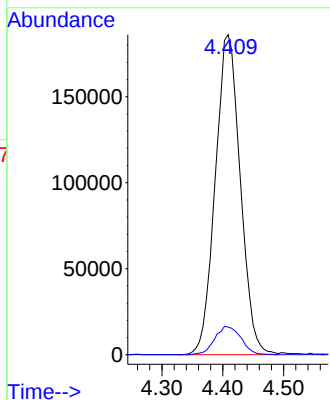
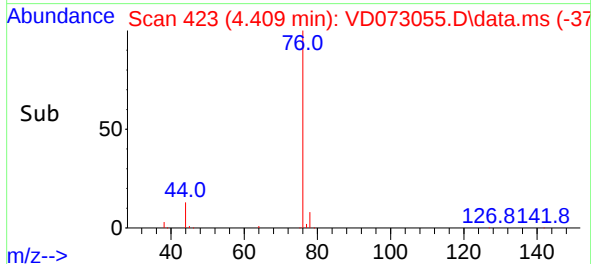
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



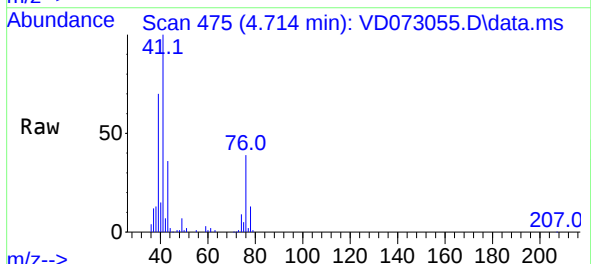
Tgt Ion: 76 Resp: 531418
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
APPROVED

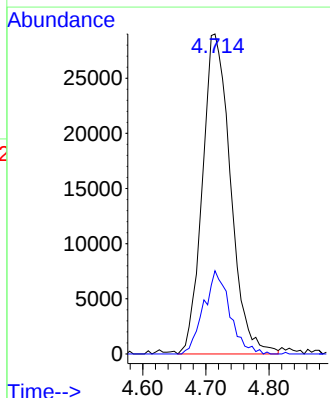
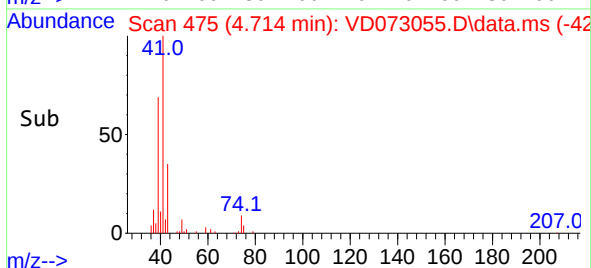
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

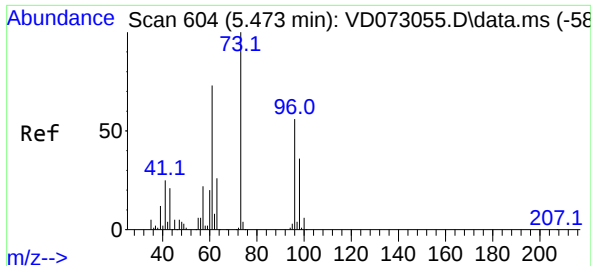


#18
Methyl Acetate
Concen: 42.229 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



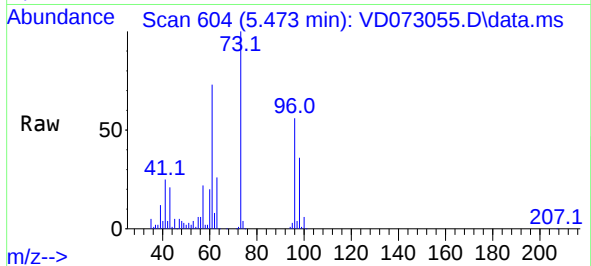
Tgt Ion: 43 Resp: 89955
Ion Ratio Lower Upper
43 100
74 24.2 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 49.502 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

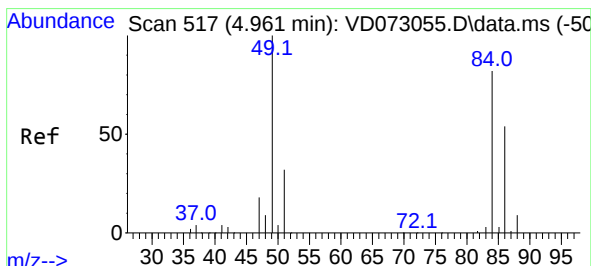
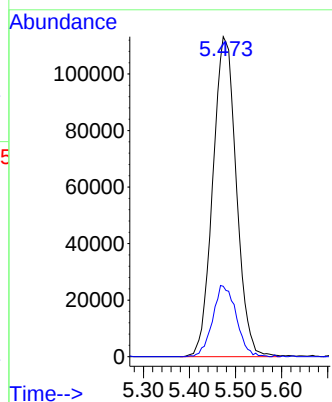
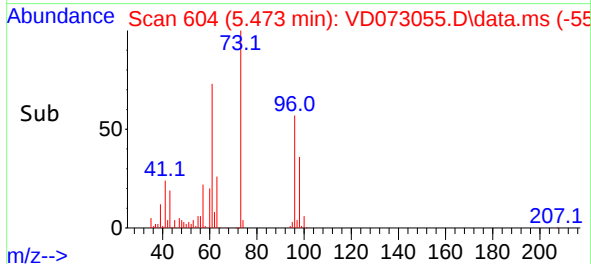
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



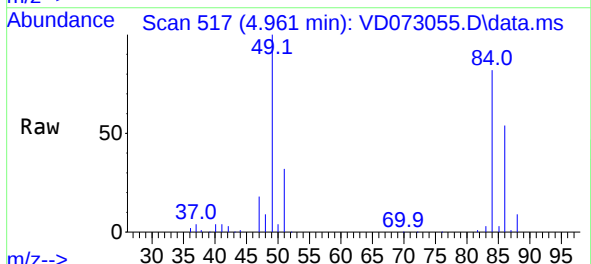
Tgt Ion: 73 Resp: 401008
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0

Manual Integrations
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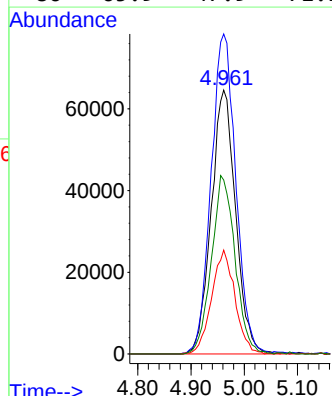
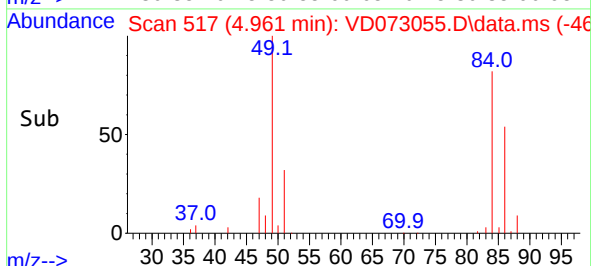
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

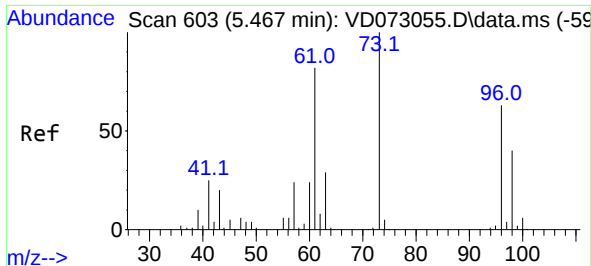


#20
Methylene Chloride
Concen: 41.988 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



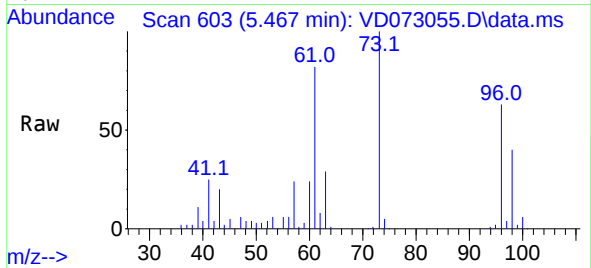
Tgt Ion: 84 Resp: 205624
Ion Ratio Lower Upper
84 100
49 121.3 112.8 169.2
51 39.4 32.6 48.8
86 65.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 47.447 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

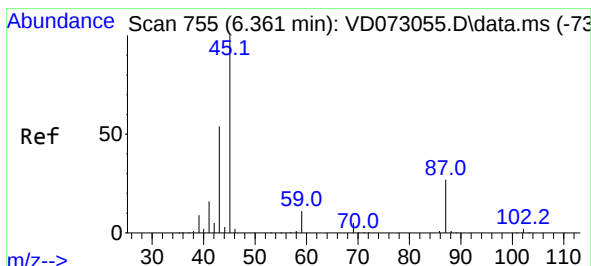
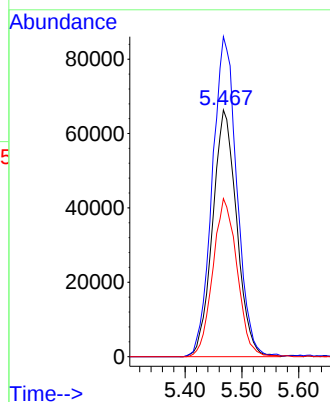
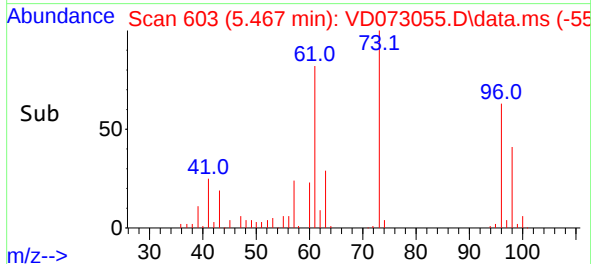
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



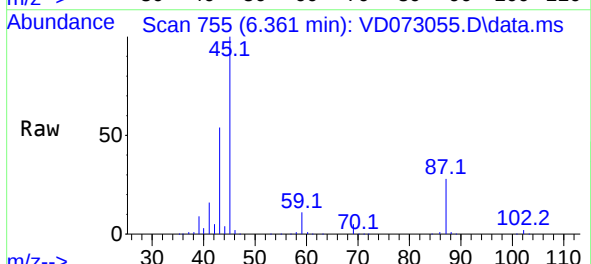
Tgt Ion: 96 Resp: 19550
Ion Ratio Lower Upper
96 100
61 129.7 117.9 176.9
98 64.1 49.4 74.2

Manual Integrations
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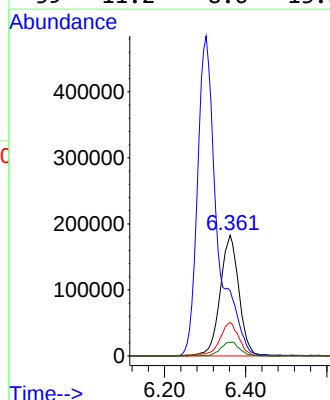
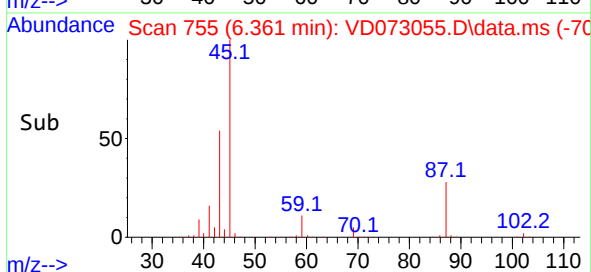
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

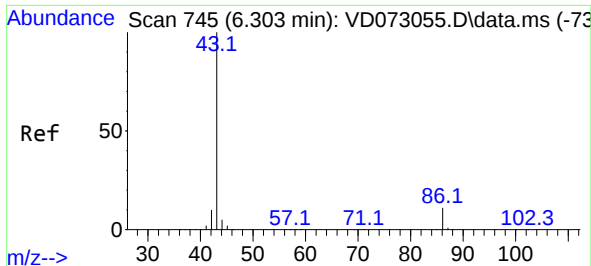


#22
Diisopropyl ether
Concen: 49.717 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



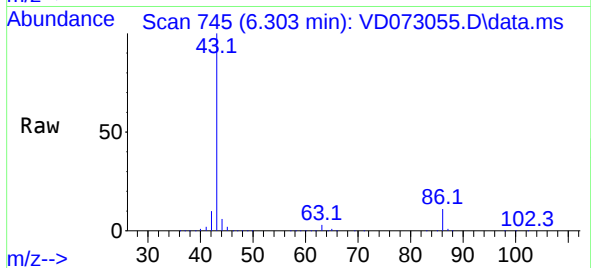
Tgt Ion: 45 Resp: 585644
Ion Ratio Lower Upper
45 100
43 53.6 46.6 70.0
87 27.7 18.4 27.6#
59 11.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 257.083 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073055.D
 Acq: 17 May 2022 11:43

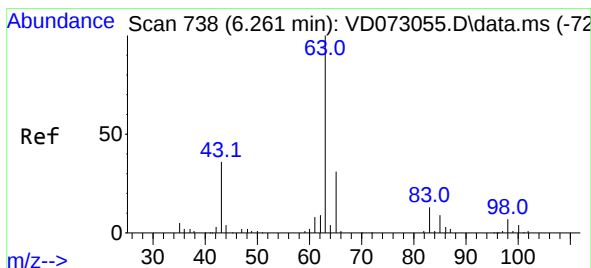
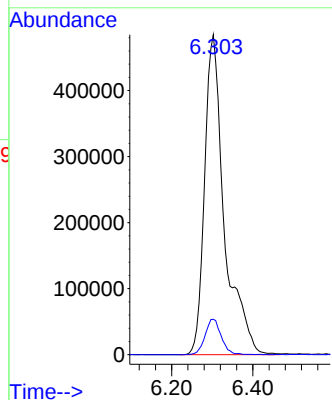
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 1635989
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

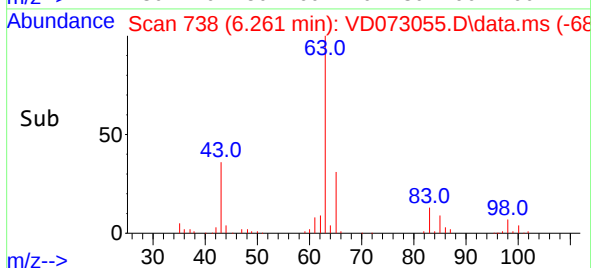
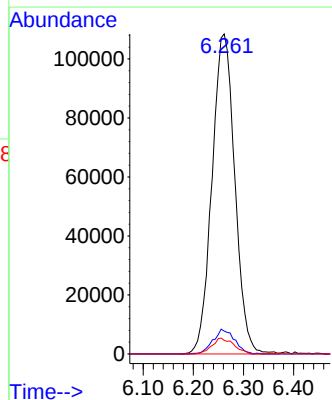
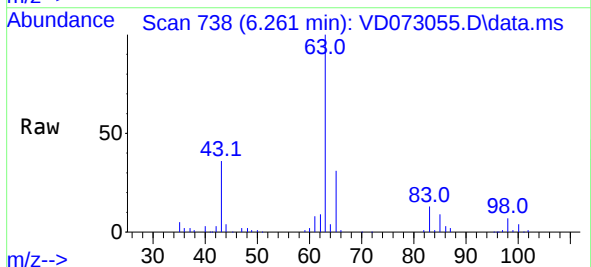
Manual Integrations
 APPROVED

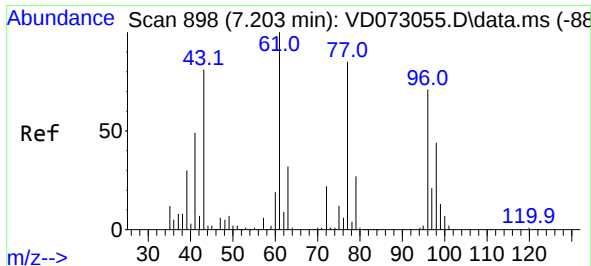
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#24
 1,1-Dichloroethane
 Concen: 46.806 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073055.D
 Acq: 17 May 2022 11:43

Tgt Ion: 63 Resp: 343018
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.3 2.1 6.5





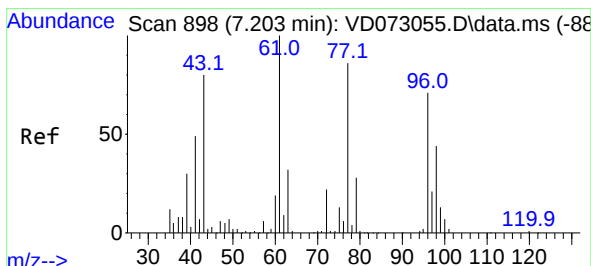
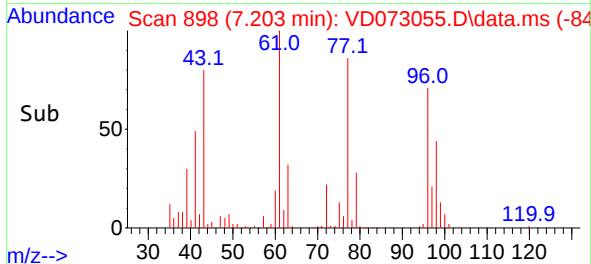
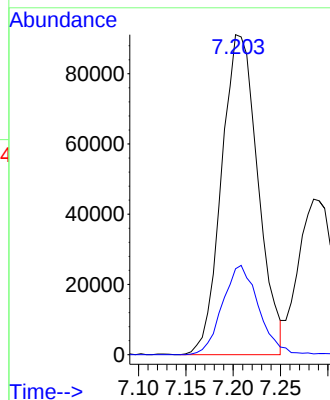
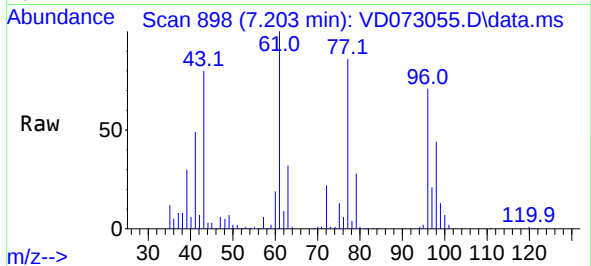
#25
2-Butanone
Concen: 238.453 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 24363
Ion Ratio Lower Upper
43 100
72 26.9 18.6 27.8

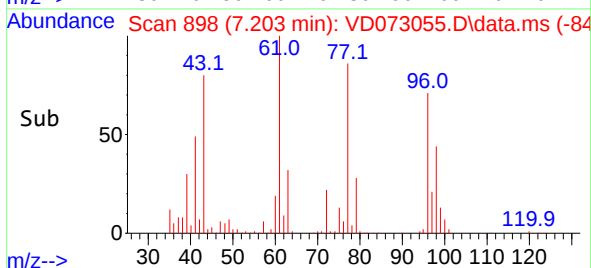
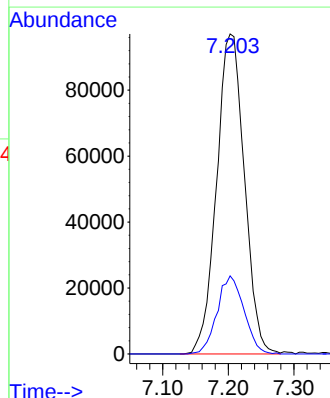
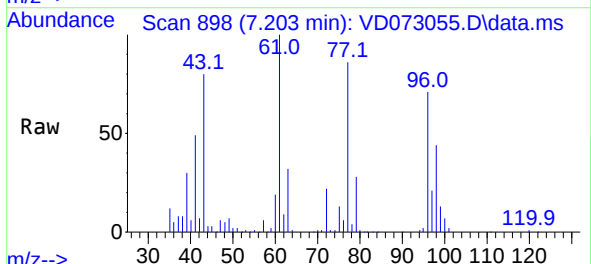
Manual Integrations
APPROVED

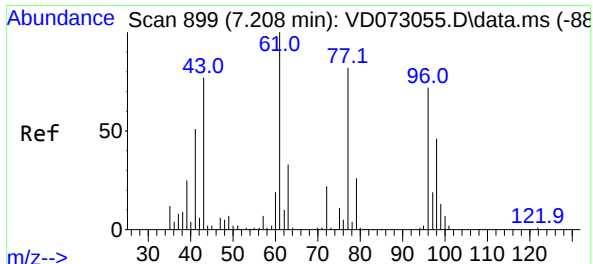
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 46.022 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

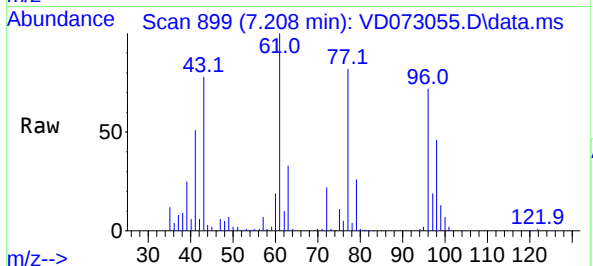
Tgt Ion: 77 Resp: 285545
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 47.893 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

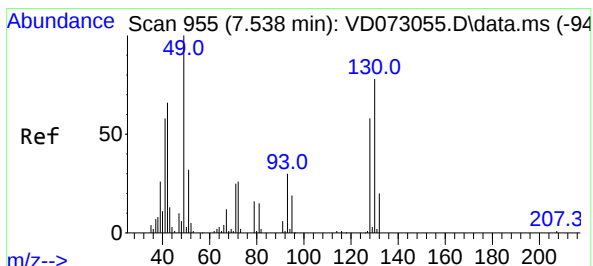
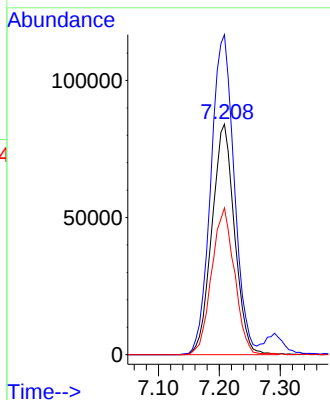
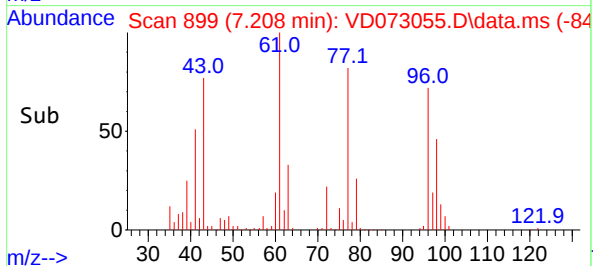
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



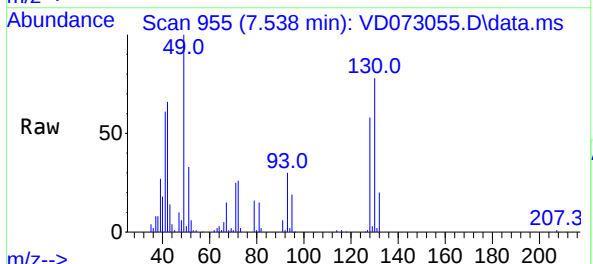
Tgt Ion: 96 Resp: 217620
Ion Ratio Lower Upper
96 100
61 143.0 0.0 313.8
98 63.9 0.0 128.8

Manual Integrations
APPROVED

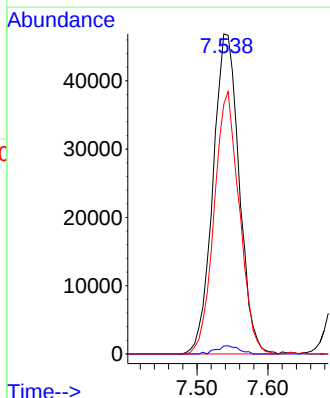
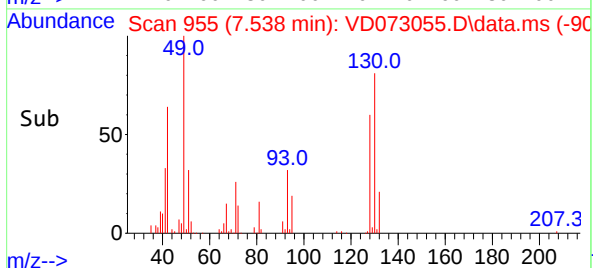
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

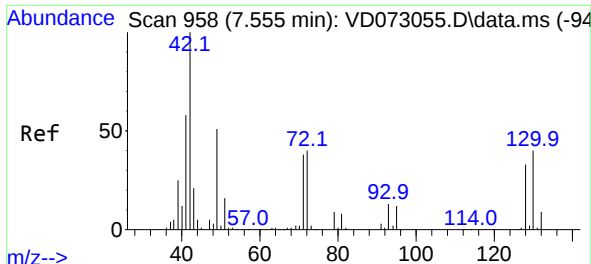


#28
Bromochloromethane
Concen: 47.770 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion: 49 Resp: 119920
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 78.8 52.6 79.0





#29

Tetrahydrofuran

Concen: 255.019 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073055.D

Acq: 17 May 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 16766

Ion Ratio Lower Upper

42 100

72 41.1 30.7 46.1

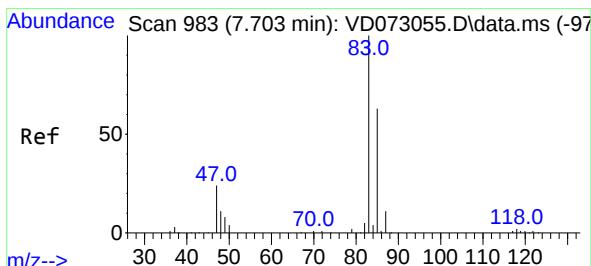
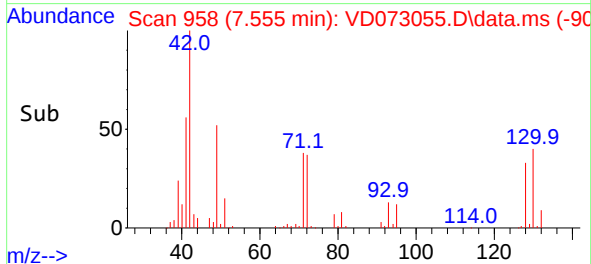
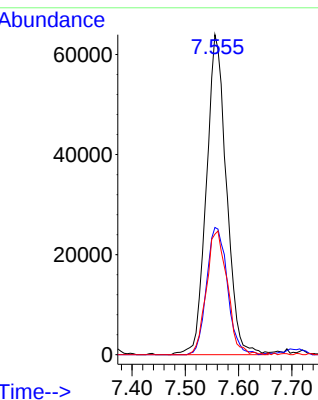
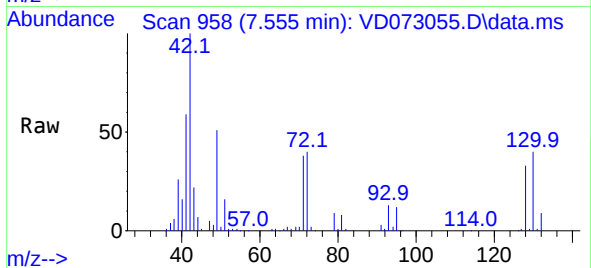
71 40.1 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#30

Chloroform

Concen: 46.701 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073055.D

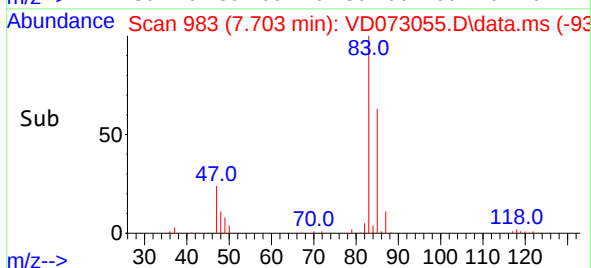
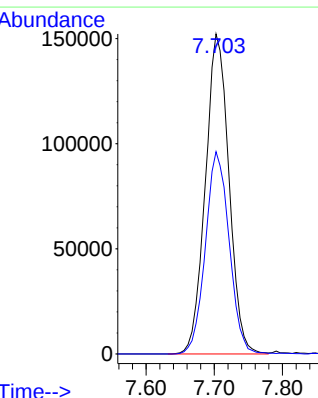
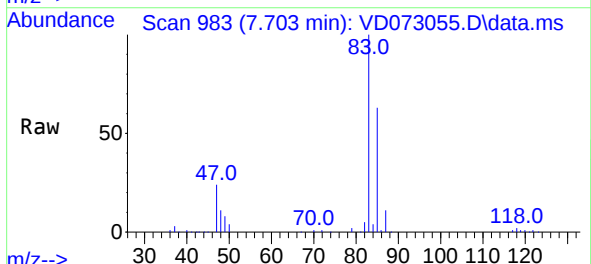
Acq: 17 May 2022 11:43

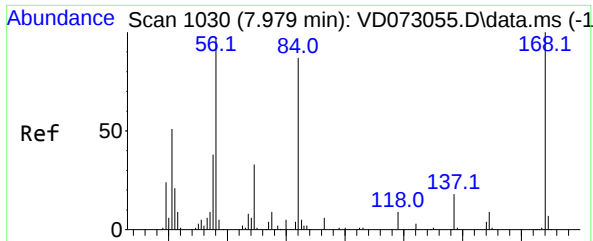
Tgt Ion: 83 Resp: 366192

Ion Ratio Lower Upper

83 100

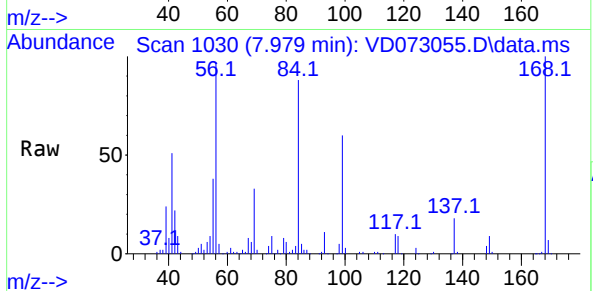
85 63.2 52.7 79.1





#31
Cyclohexane
Concen: 44.676 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

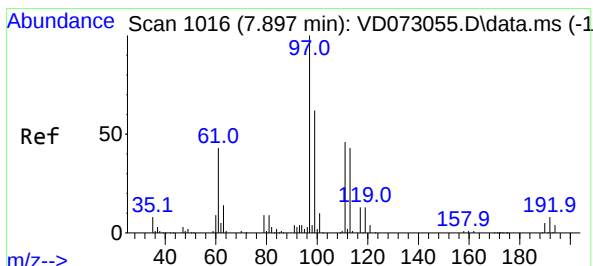
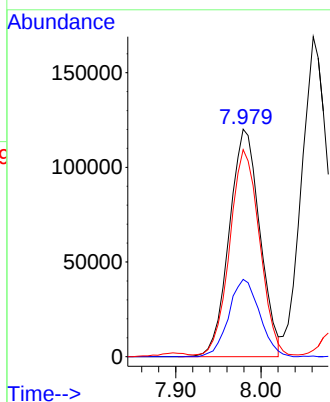
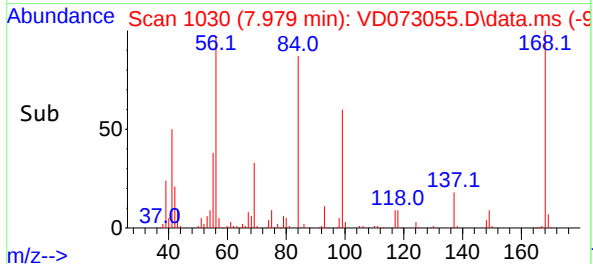
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



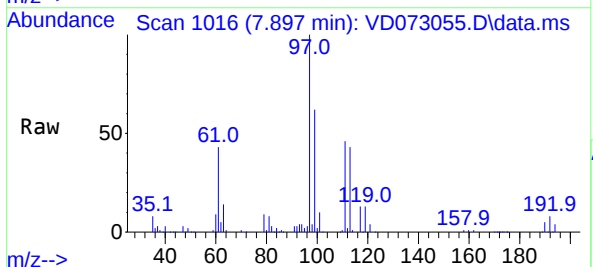
Tgt Ion: 56 Resp: 30005
Ion Ratio Lower Upper
56 100
69 34.0 25.4 38.2
84 89.5 63.0 94.4

Manual Integrations
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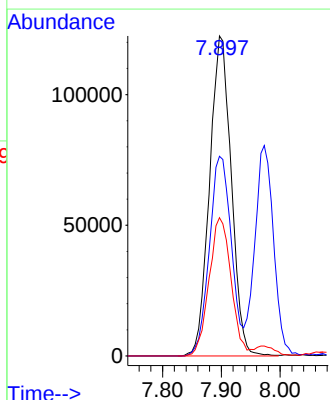
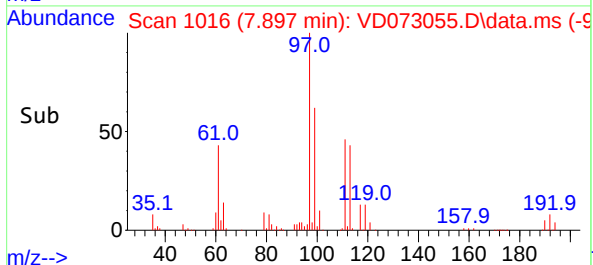
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

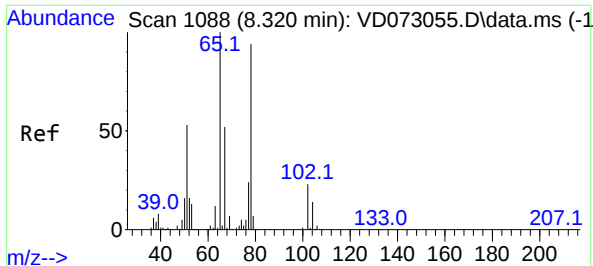


#32
1,1,1-Trichloroethane
Concen: 46.694 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion: 97 Resp: 313684
Ion Ratio Lower Upper
97 100
99 63.7 52.4 78.6
61 44.3 38.0 57.0





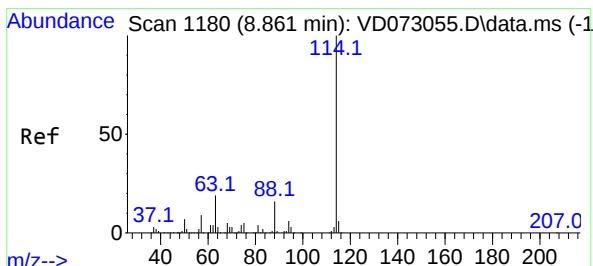
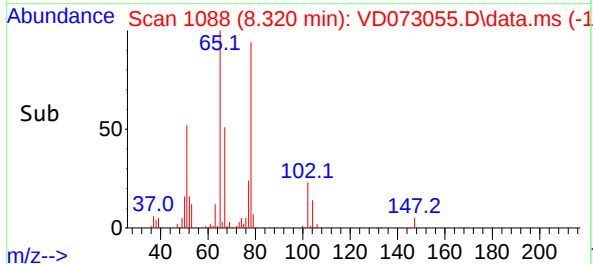
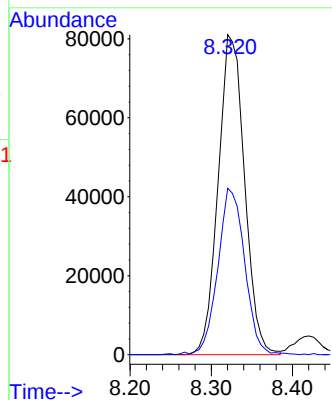
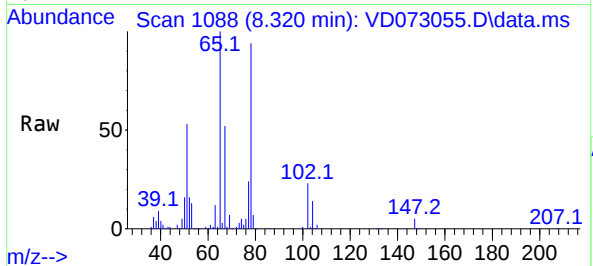
#33
1,2-Dichloroethane-d4
Concen: 49.085 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 183018
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4

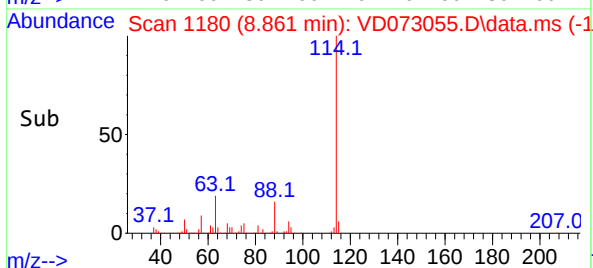
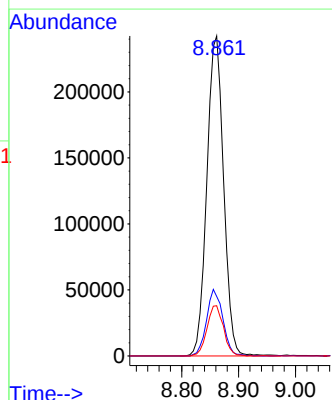
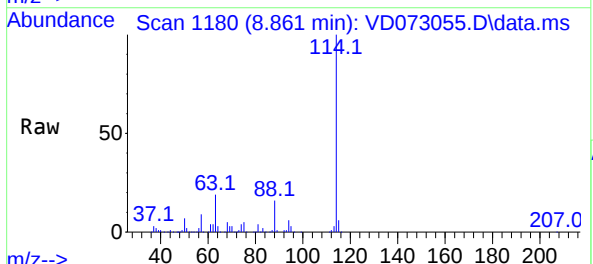
Manual Integrations
APPROVED

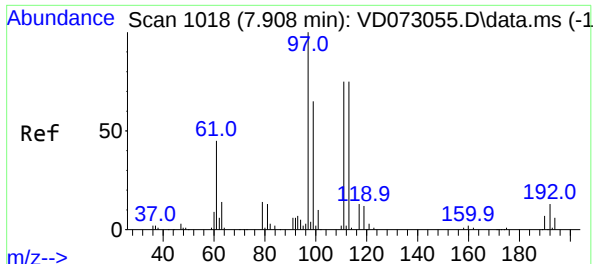
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

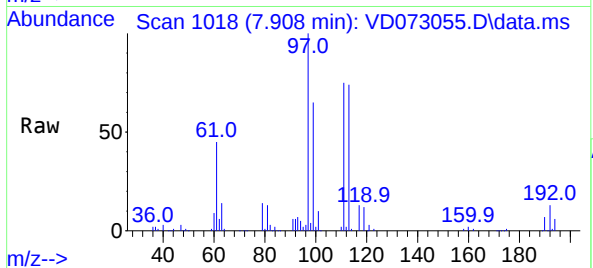
Tgt Ion:114 Resp: 495510
Ion Ratio Lower Upper
114 100
63 18.6 0.0 46.6
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.818 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

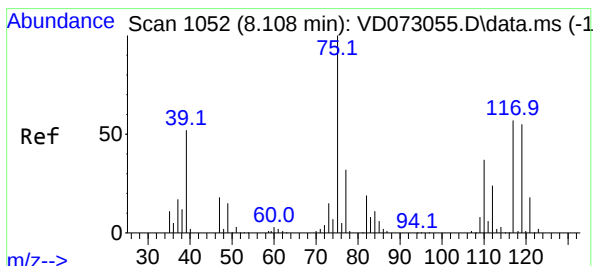
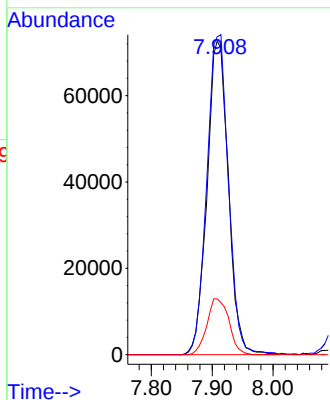
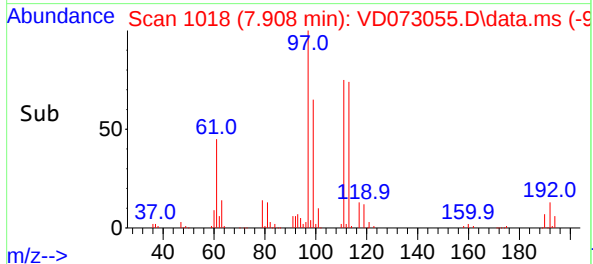
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



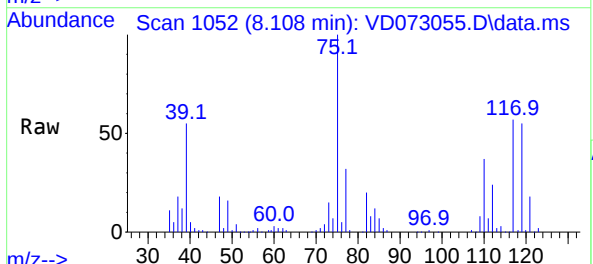
Tgt Ion:113 Resp: 176798
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.4 14.6 21.8

Manual Integrations
APPROVED

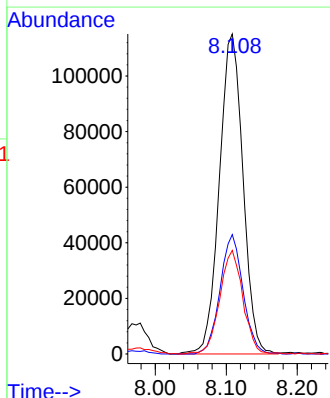
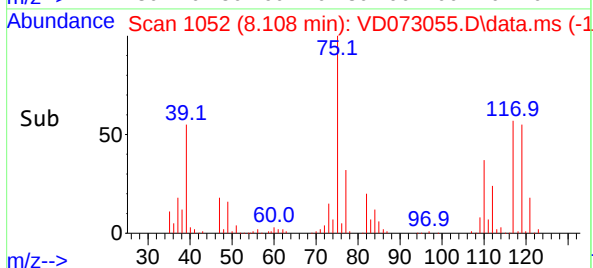
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

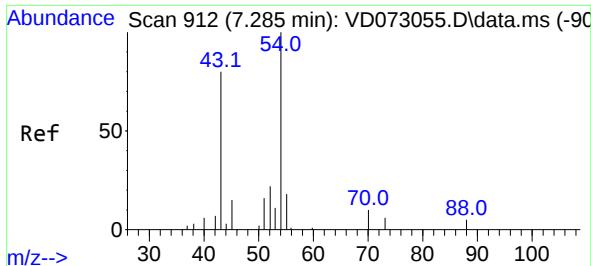


#36
1,1-Dichloropropene
Concen: 46.837 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



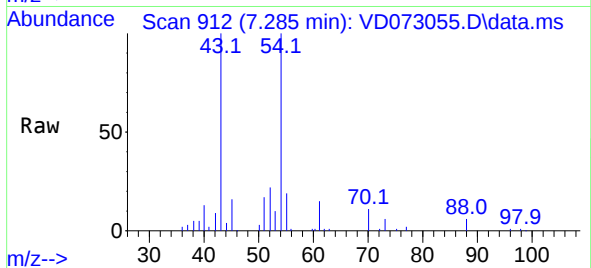
Tgt Ion: 75 Resp: 265508
Ion Ratio Lower Upper
75 100
110 36.3 16.4 49.1
77 31.7 24.2 36.2





#37
Ethyl Acetate
Concen: 49.653 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

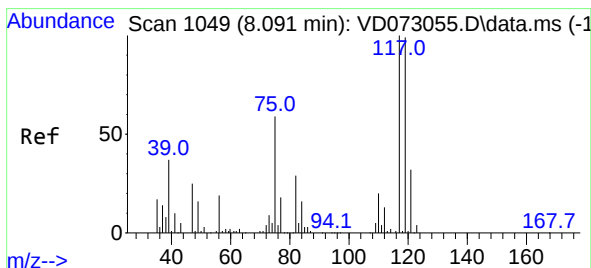
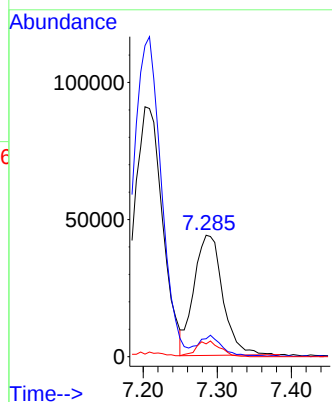
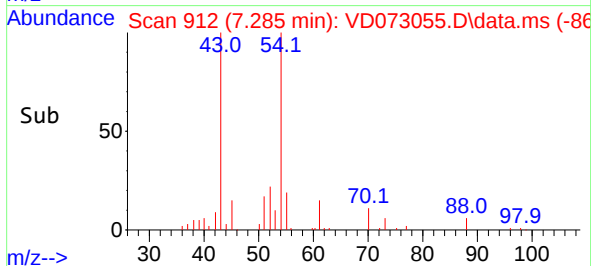
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



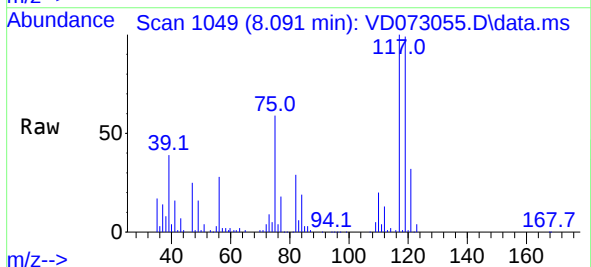
Tgt Ion: 43 Resp: 118209
Ion Ratio Lower Upper
43 100
61 14.3 9.8 14.8
70 10.9 6.9 10.3

Manual Integrations
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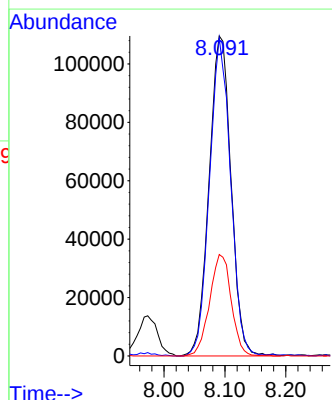
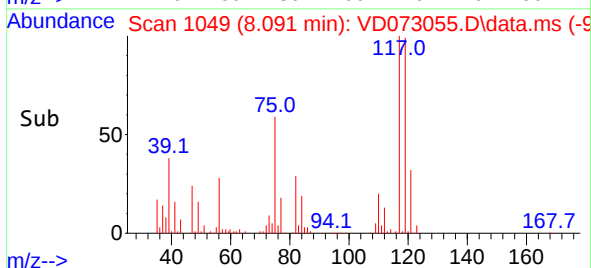
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

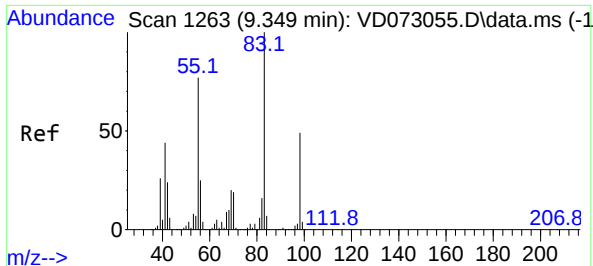


#38
Carbon Tetrachloride
Concen: 47.304 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion:117 Resp: 274347
Ion Ratio Lower Upper
117 100
119 99.4 75.8 113.6
121 31.7 24.5 36.7





#39

Methylcyclohexane

Concen: 47.977 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073055.D

Acq: 17 May 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 31713

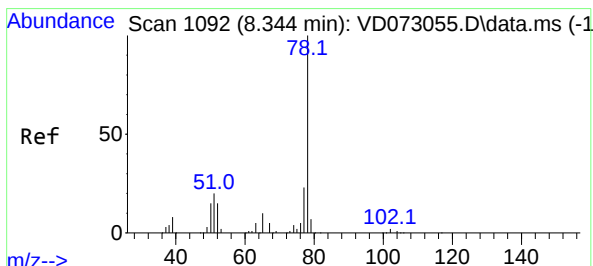
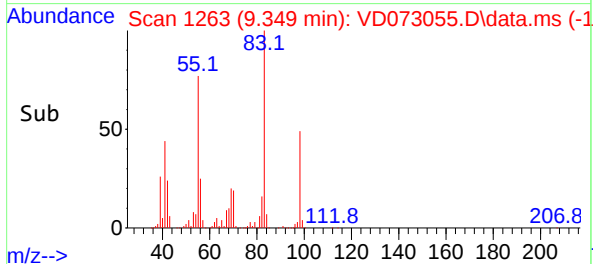
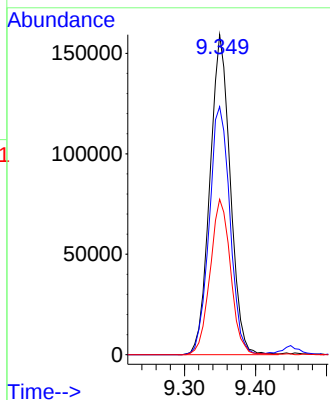
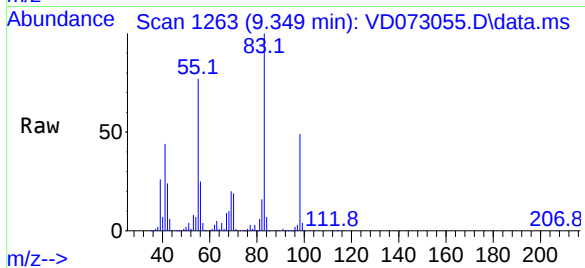
Ion	Ratio	Lower	Upper
83	100		
55	77.5	63.2	94.8
98	48.5	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 48.350 ug/l

RT: 8.344 min Scan# 1092

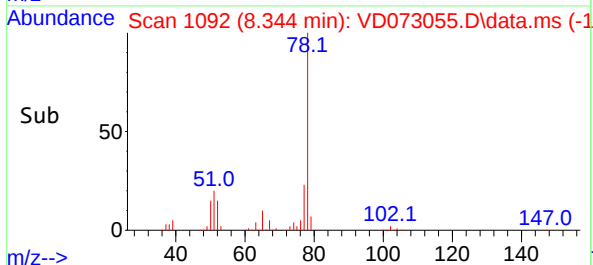
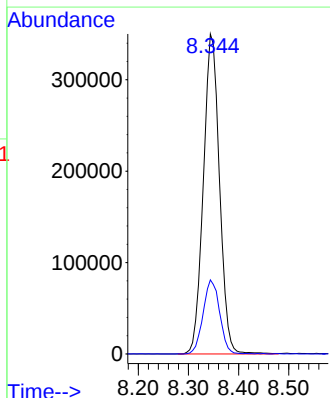
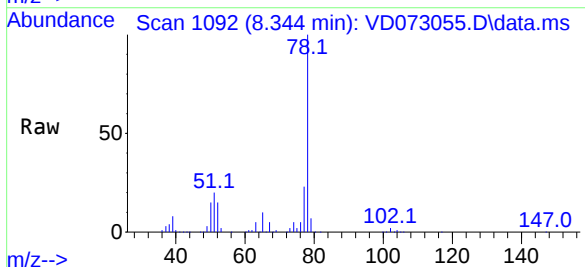
Delta R.T. 0.000 min

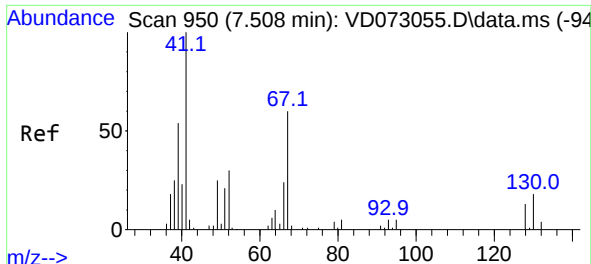
Lab File: VD073055.D

Acq: 17 May 2022 11:43

Tgt Ion: 78 Resp: 783701

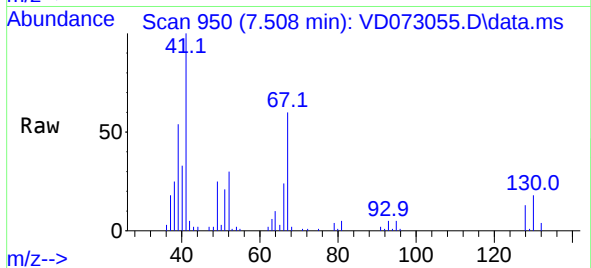
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





#41
Methacrylonitrile
Concen: 51.687 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

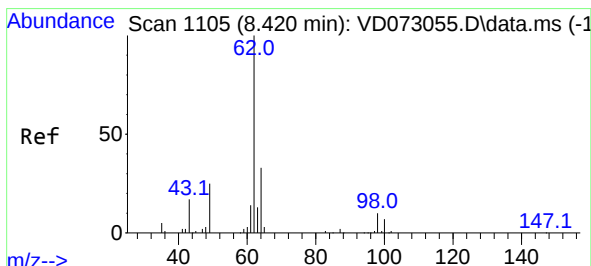
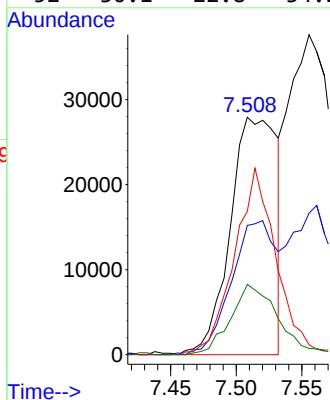
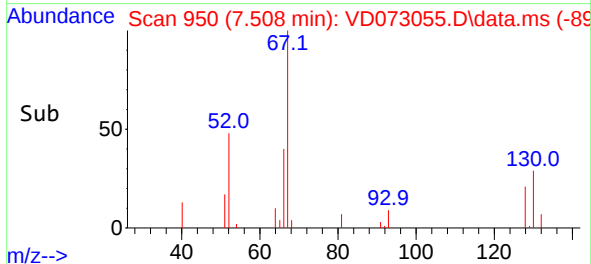
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



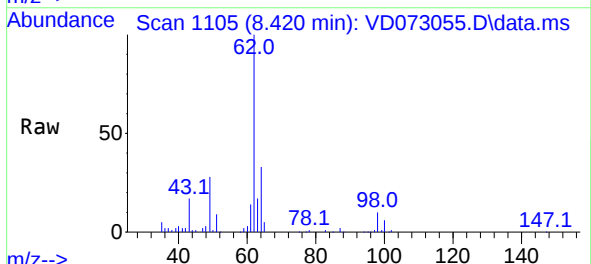
Tgt Ion: 41 Resp: 6938
Ion Ratio Lower Upper
41 100
39 53.5 44.6 67.0
67 70.7 48.2 72.4
52 30.1 22.8 34.2

Manual Integrations
APPROVED

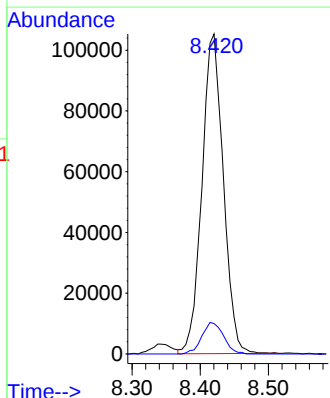
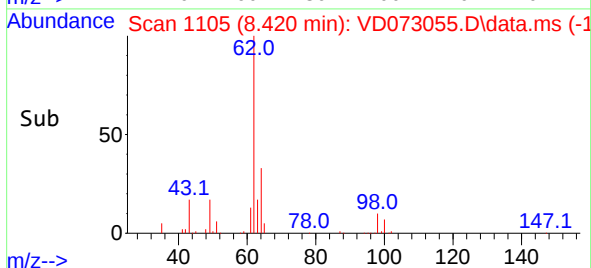
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

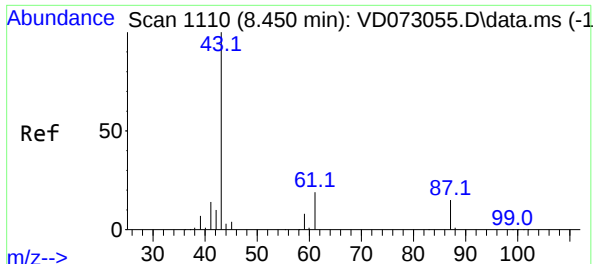


#42
1,2-Dichloroethane
Concen: 48.630 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion: 62 Resp: 229434
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





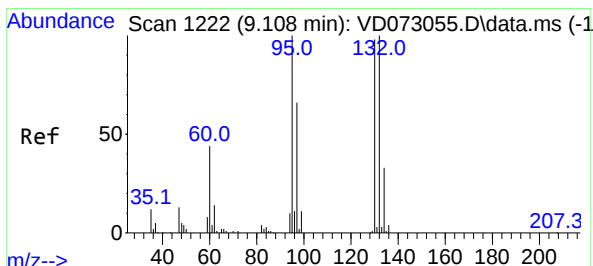
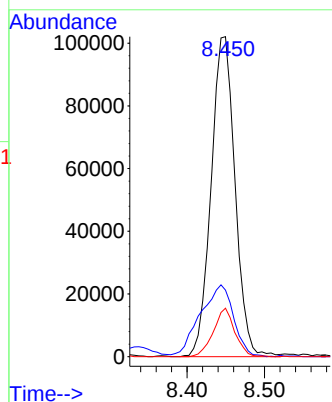
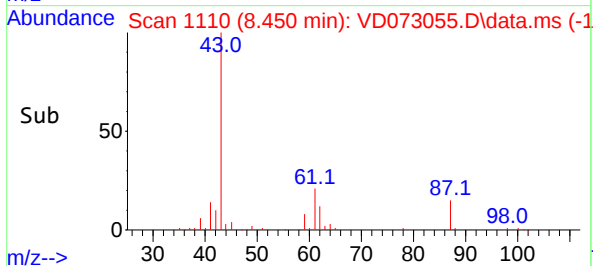
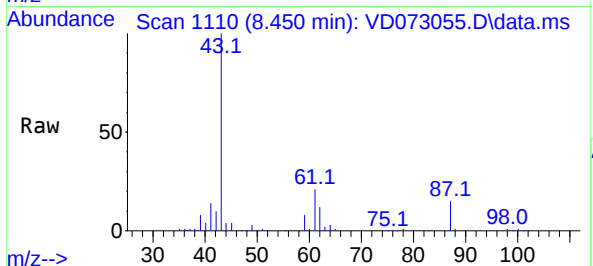
#43
Isopropyl Acetate
Concen: 49.501 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 21910
Ion Ratio Lower Upper
43 100
61 31.2 22.4 33.6
87 13.6 8.7 13.1

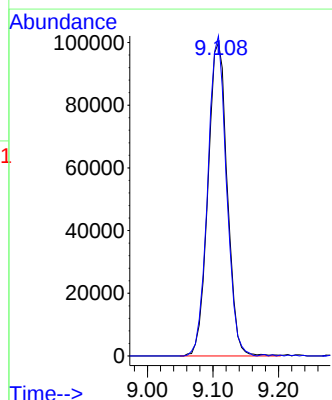
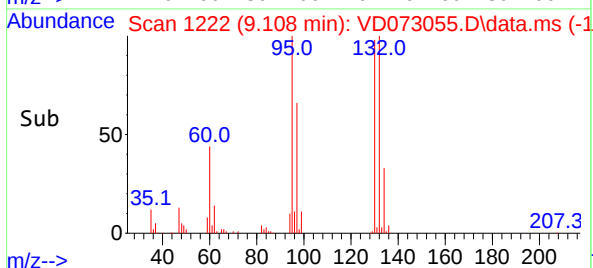
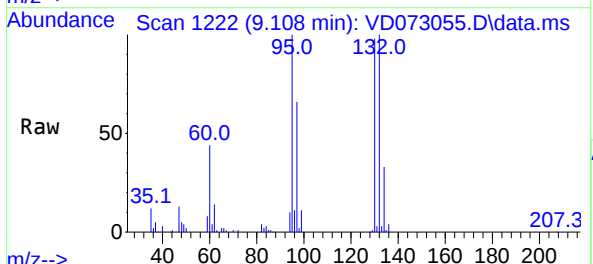
Manual Integrations
APPROVED

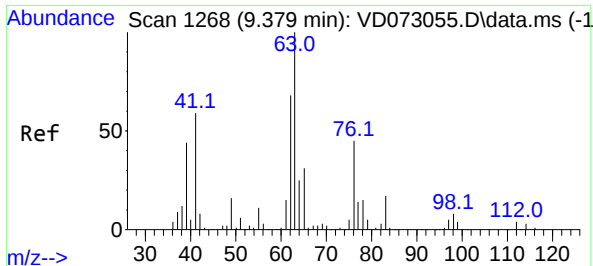
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 46.544 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Tgt Ion:130 Resp: 204059
Ion Ratio Lower Upper
130 100
95 102.2 0.0 205.4





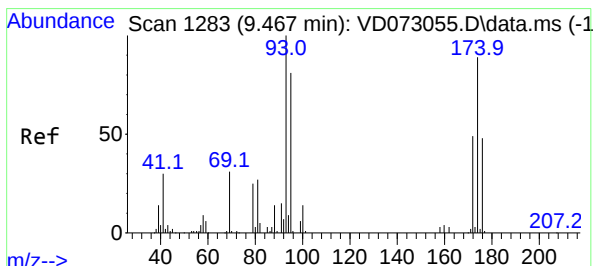
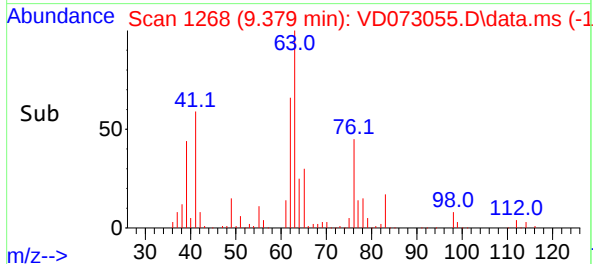
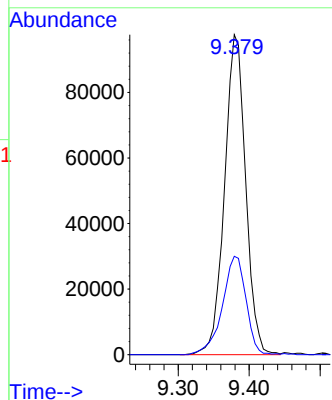
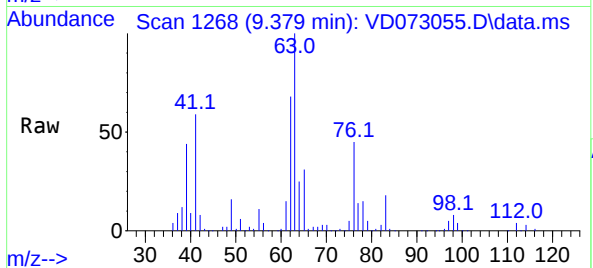
#45
1,2-Dichloropropane
Concen: 47.887 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 20157
Ion Ratio Lower Upper
63 100
65 30.7 26.2 39.4

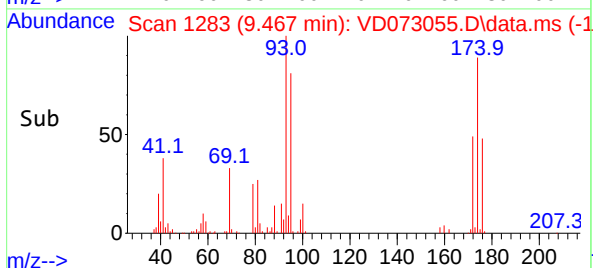
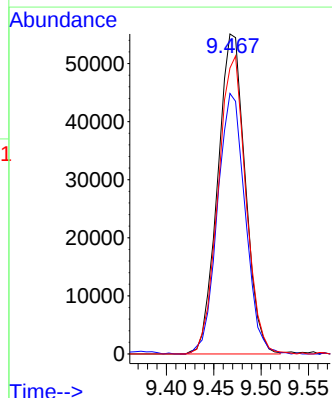
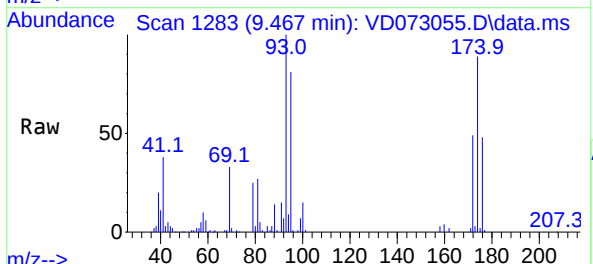
Manual Integrations
APPROVED

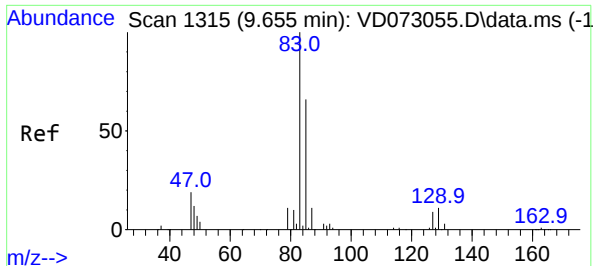
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#46
Dibromomethane
Concen: 47.912 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

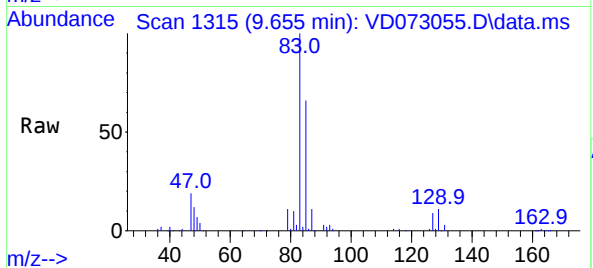
Tgt Ion: 93 Resp: 111518
Ion Ratio Lower Upper
93 100
95 81.8 66.7 100.1
174 93.5 71.6 107.4





#47
Bromodichloromethane
Concen: 48.099 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

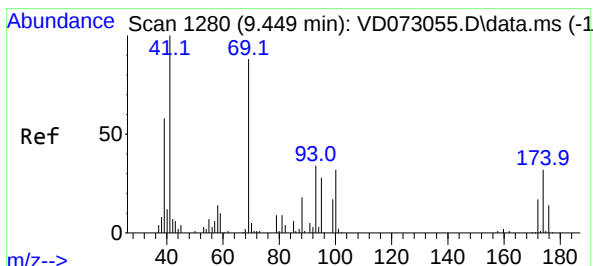
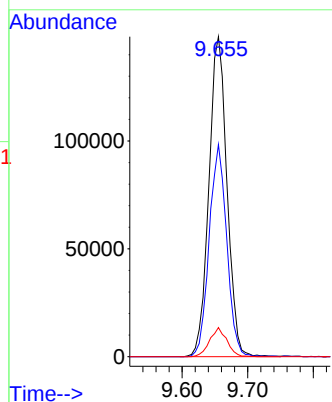
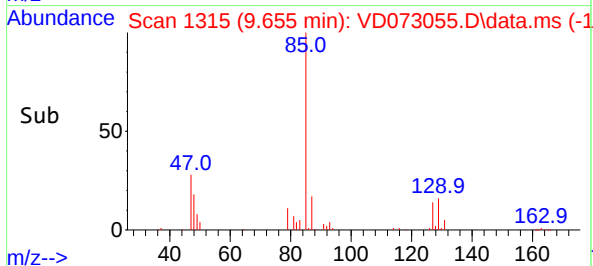
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



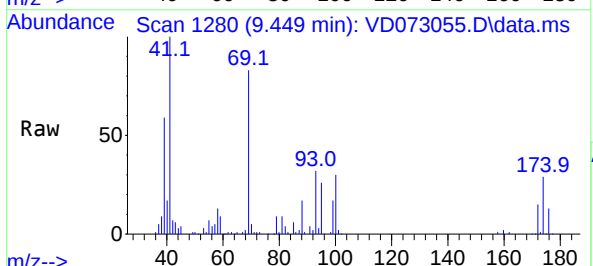
Tgt Ion: 83 Resp: 28434
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.0
127 9.1 6.1 9.1

Manual Integrations
APPROVED

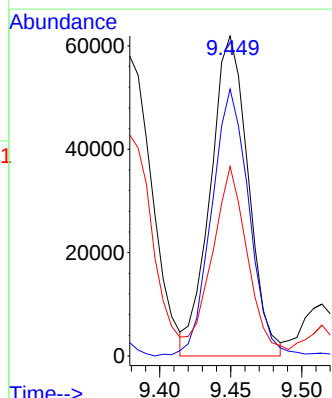
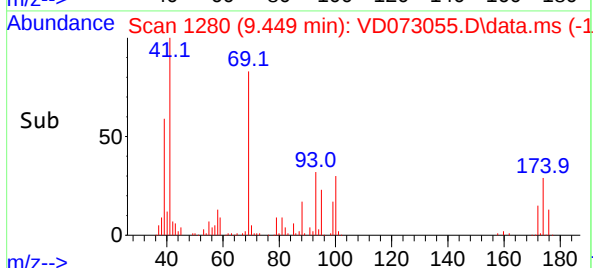
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

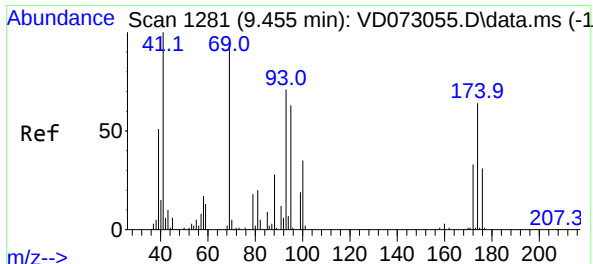


#48
Methyl methacrylate
Concen: 52.338 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion: 41 Resp: 114908
Ion Ratio Lower Upper
41 100
69 82.7 56.7 85.1
39 55.6 42.7 64.1





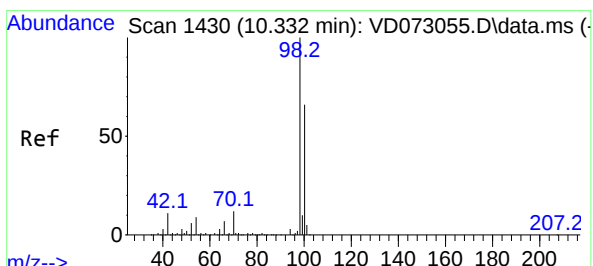
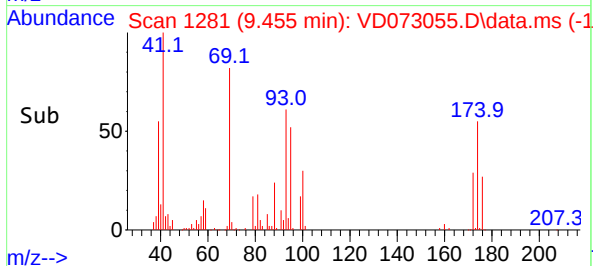
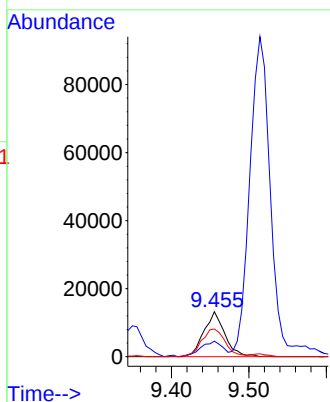
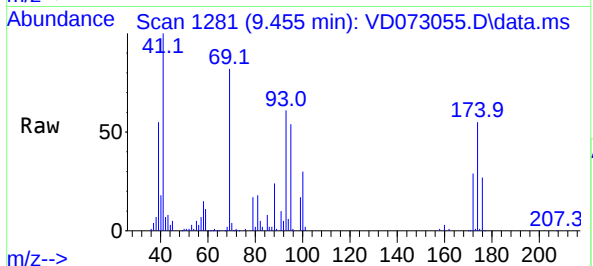
#49
1,4-Dioxane
Concen: 1029.361 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 24944
Ion Ratio Lower Upper
88 100
43 35.5 31.0 46.4
58 69.2 58.1 87.1

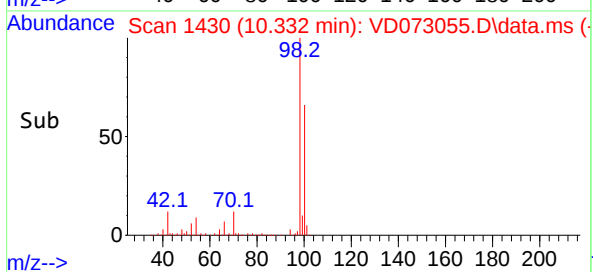
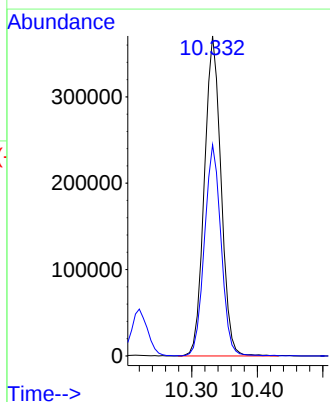
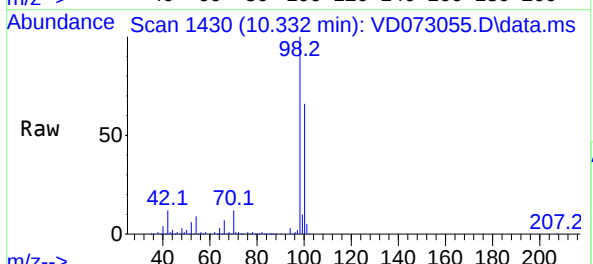
Manual Integrations
APPROVED

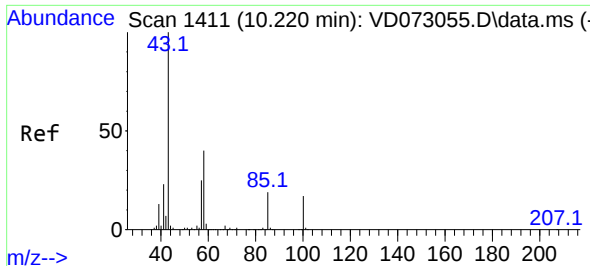
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 51.968 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

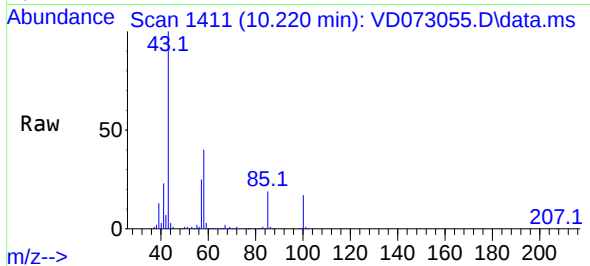
Tgt Ion: 98 Resp: 655896
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 255.518 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

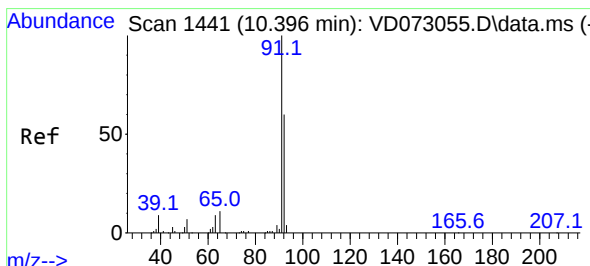
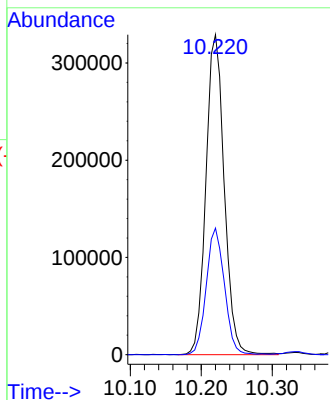
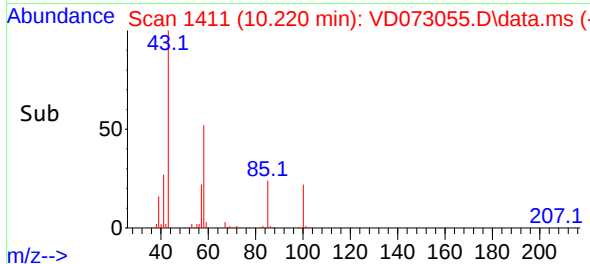
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



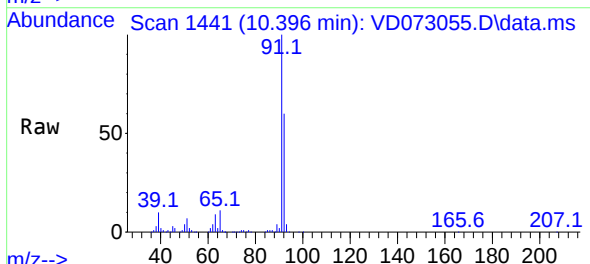
Tgt Ion: 43 Resp: 59021
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0

Manual Integrations
APPROVED

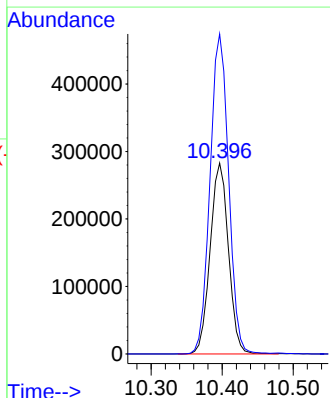
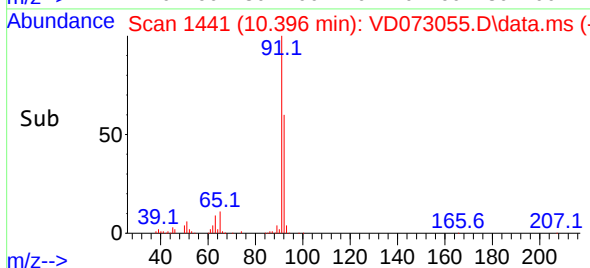
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

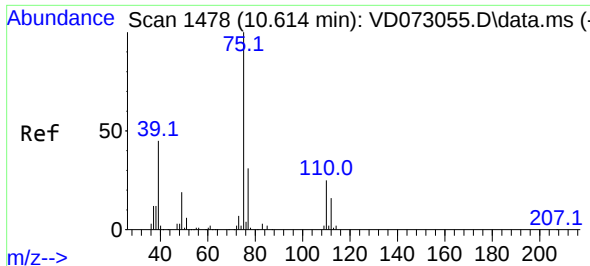


#52
Toluene
Concen: 49.139 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



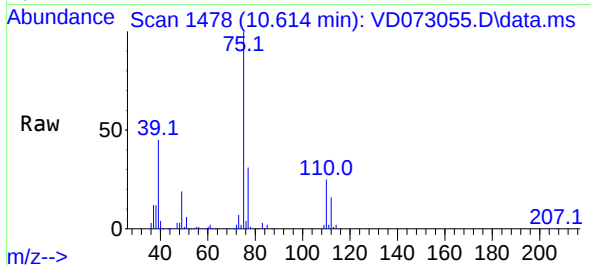
Tgt Ion: 92 Resp: 505679
Ion Ratio Lower Upper
92 100
91 170.0 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 49.132 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

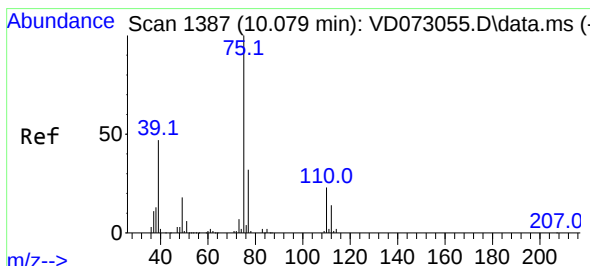
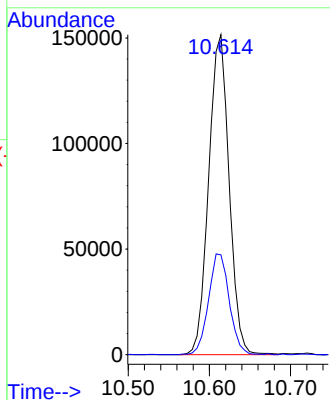
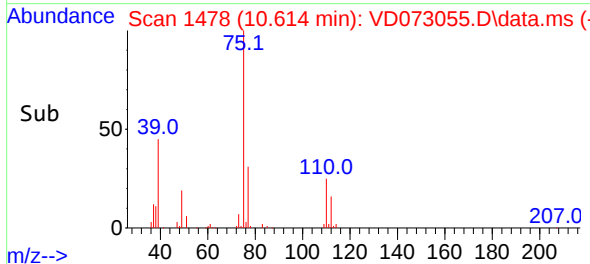
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



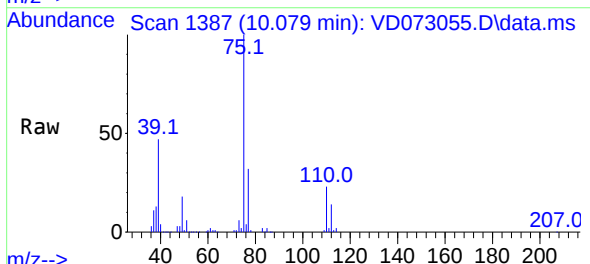
Tgt Ion: 75 Resp: 264890
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7

Manual Integrations
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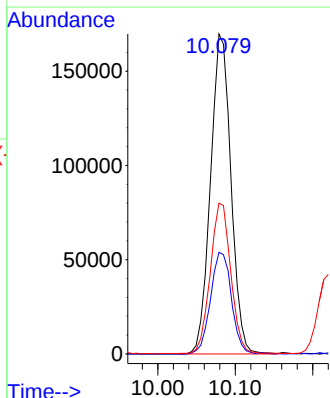
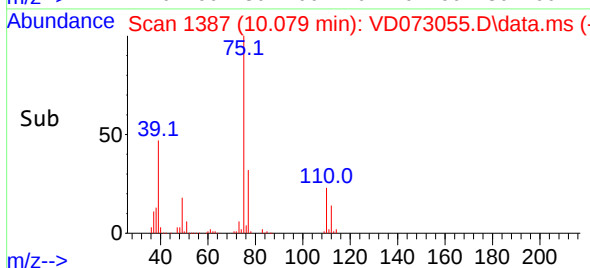
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

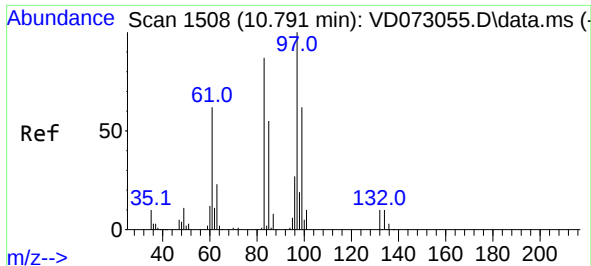


#54
cis-1,3-Dichloropropene
Concen: 48.909 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



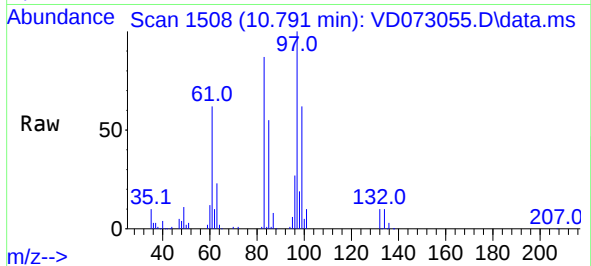
Tgt Ion: 75 Resp: 310905
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 47.0 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 48.379 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

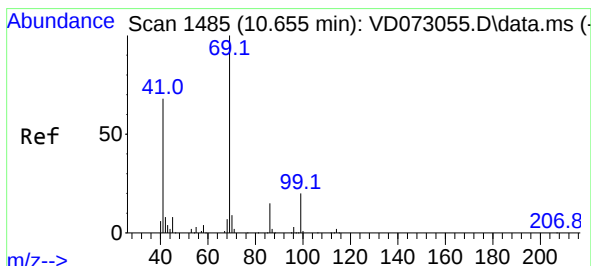
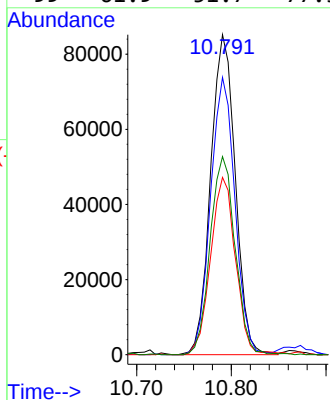
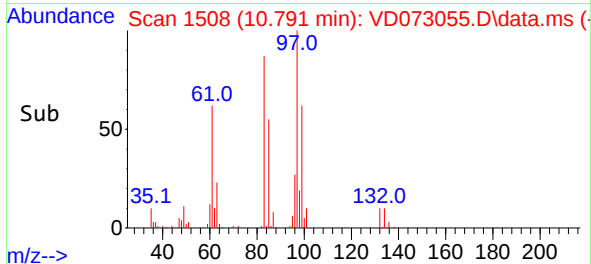


Tgt Ion: 97 Resp: 153698

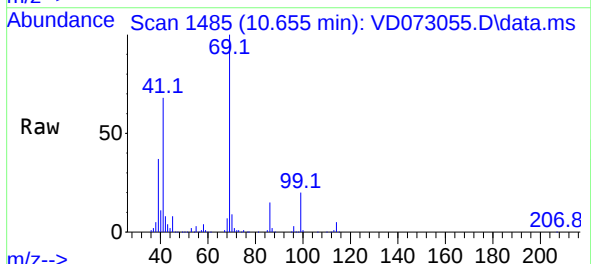
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.4
85	55.4	42.6	63.8
99	61.9	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

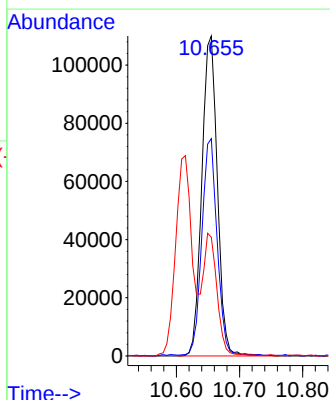
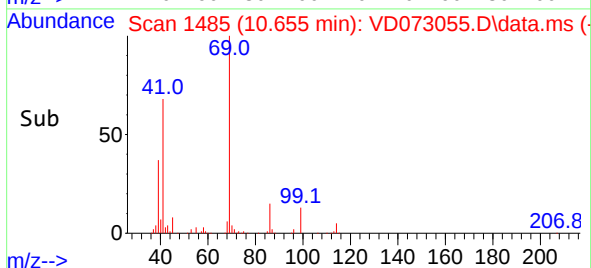


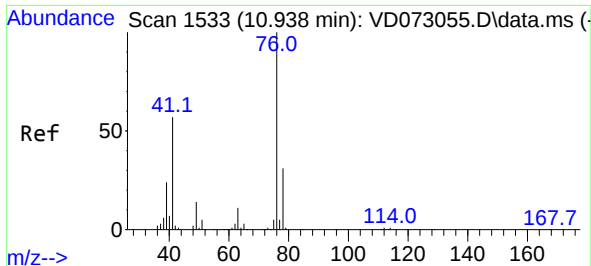
#56
Ethyl methacrylate
Concen: 52.380 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion: 69 Resp: 188199

Ion	Ratio	Lower	Upper
69	100		
41	66.4	63.0	94.6
39	32.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 48.705 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073055.D

Acq: 17 May 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 26328

Ion Ratio Lower Upper

76 100

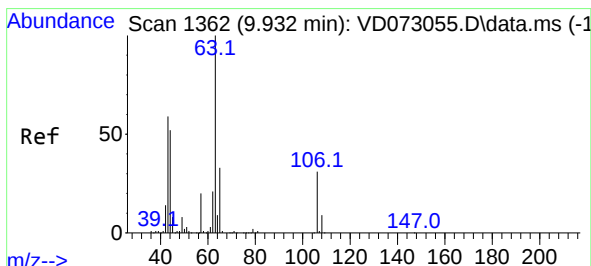
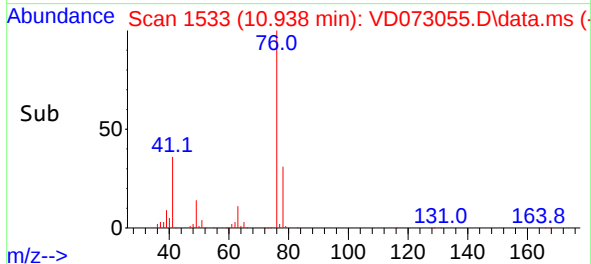
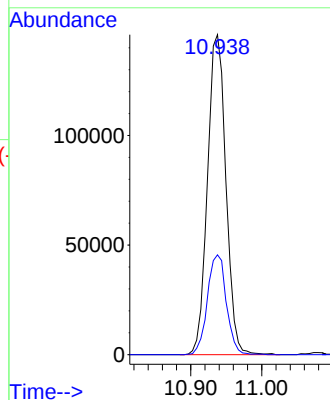
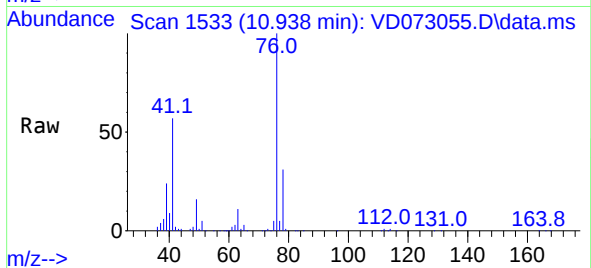
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 269.391 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073055.D

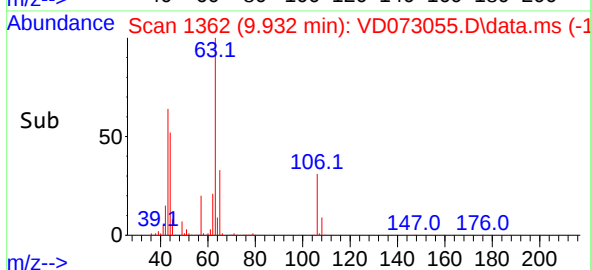
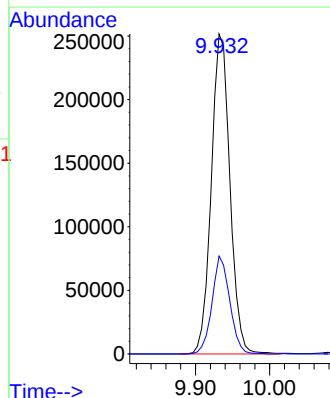
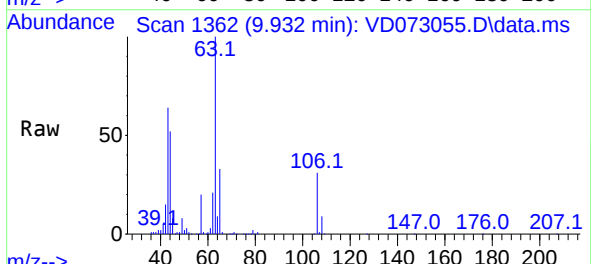
Acq: 17 May 2022 11:43

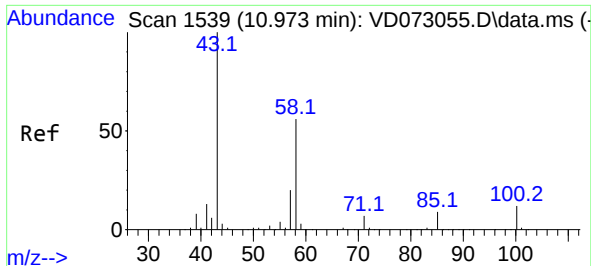
Tgt Ion: 63 Resp: 439365

Ion Ratio Lower Upper

63 100

106 29.1 21.4 32.0





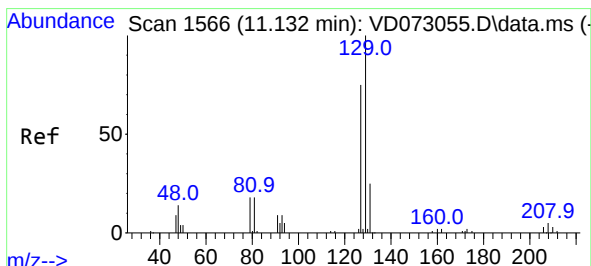
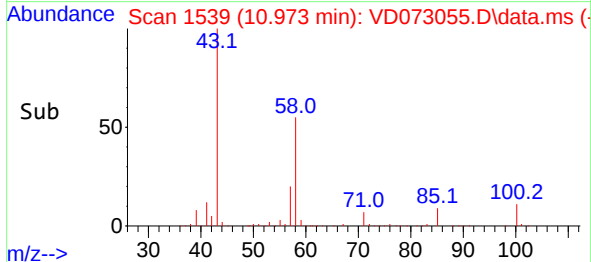
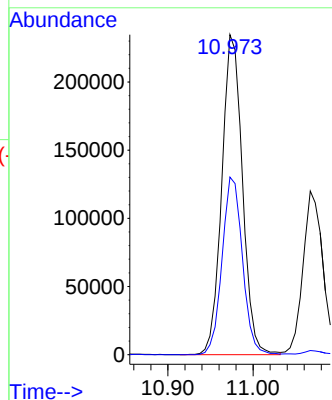
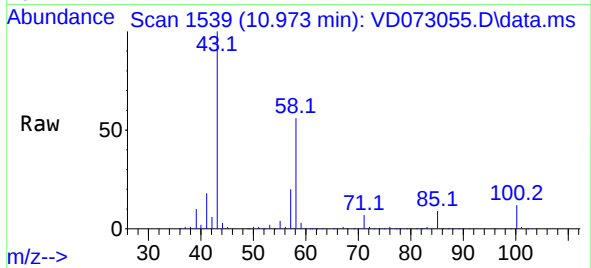
#59
2-Hexanone
Concen: 259.050 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 39528
Ion Ratio Lower Upper
43 100
58 55.0 25.3 75.9

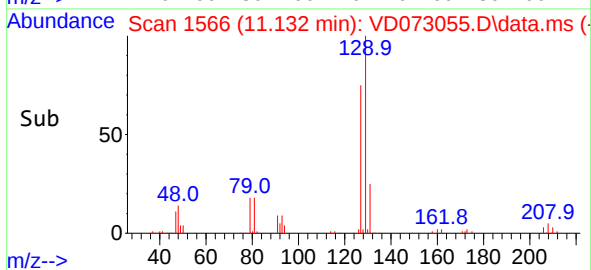
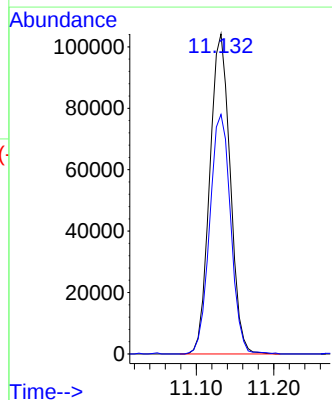
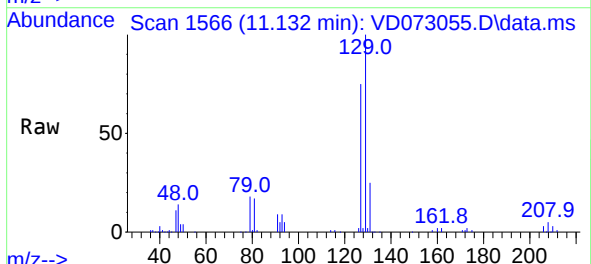
Manual Integrations
APPROVED

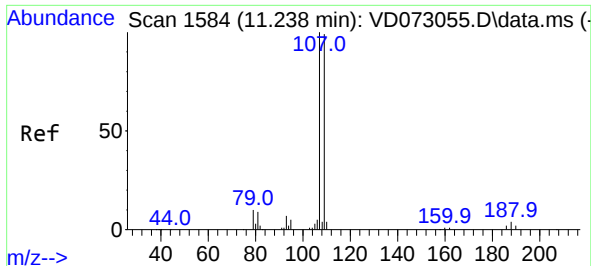
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#60
Dibromochloromethane
Concen: 48.321 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

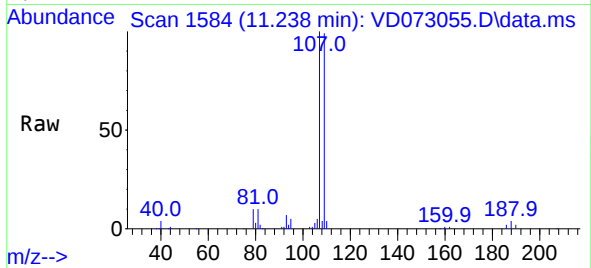
Tgt Ion:129 Resp: 190721
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 47.743 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

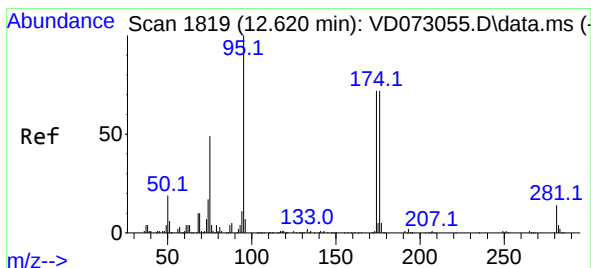
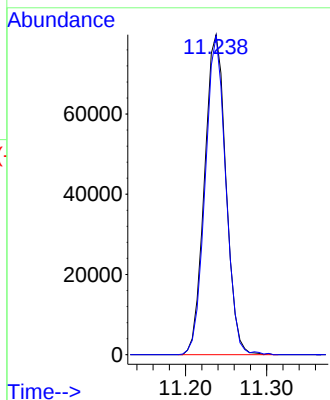
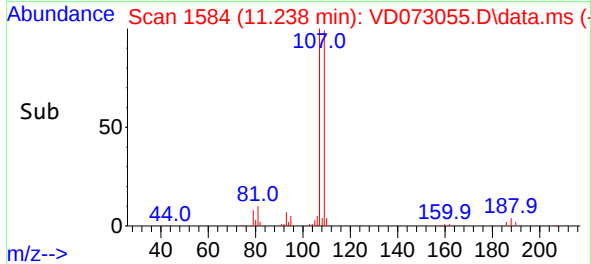
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



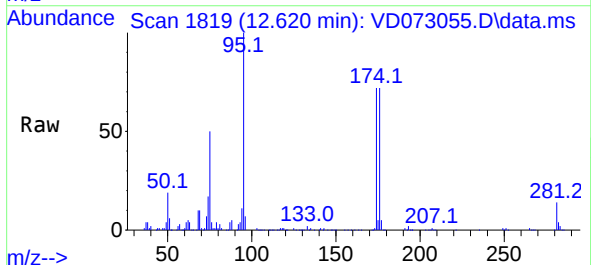
Tgt Ion:107 Resp: 14595
Ion Ratio Lower Upper
107 100
109 95.7 74.2 111.4

Manual Integrations
APPROVED

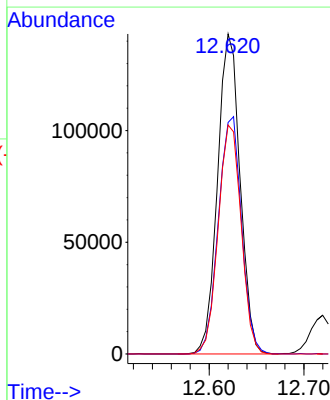
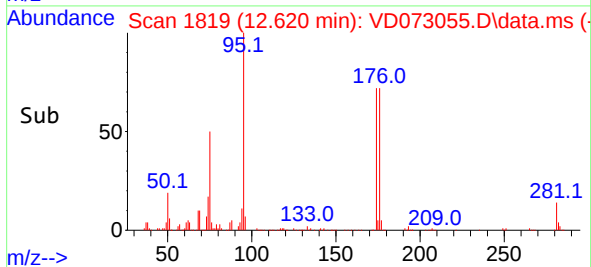
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

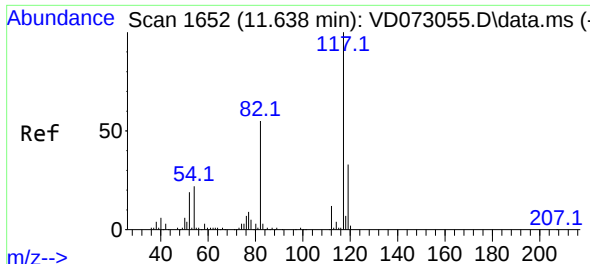


#62
4-Bromofluorobenzene
Concen: 51.851 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



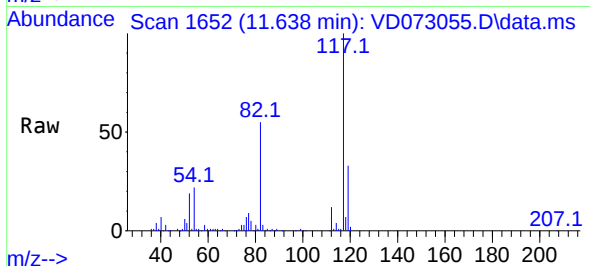
Tgt Ion: 95 Resp: 237028
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

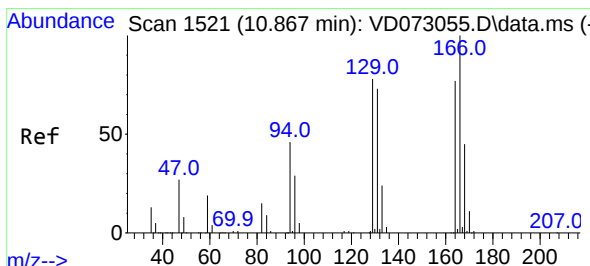
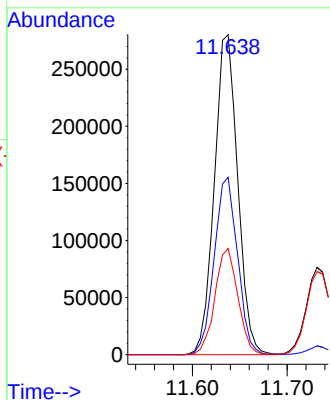
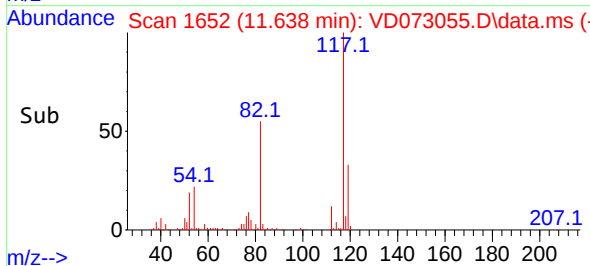
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



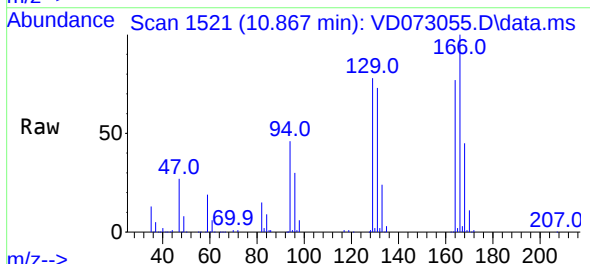
Tgt Ion:117 Resp: 481060
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 33.2 26.6 40.0

Manual Integrations
APPROVED

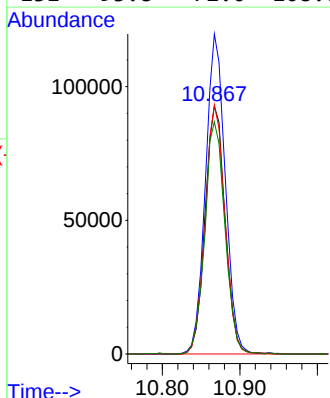
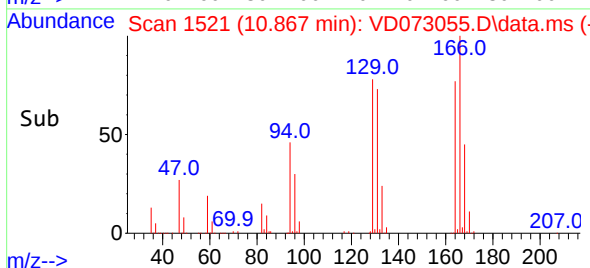
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

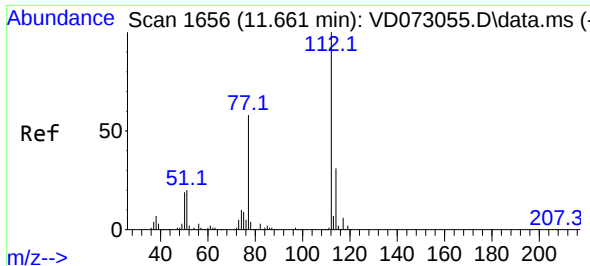


#64
Tetrachloroethene
Concen: 47.289 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



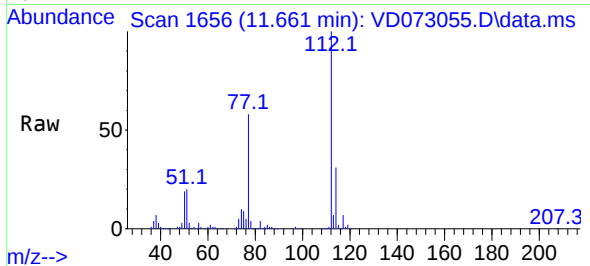
Tgt Ion:164 Resp: 166669
Ion Ratio Lower Upper
164 100
166 129.2 98.5 147.7
129 100.6 74.6 111.8
131 93.8 72.0 108.0





#65
Chlorobenzene
Concen: 48.385 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

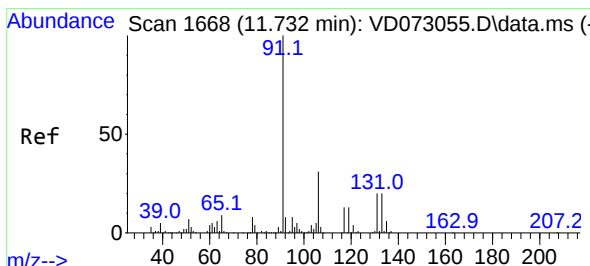
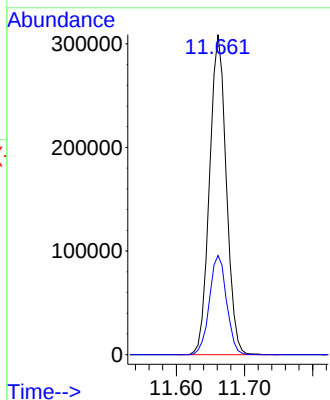
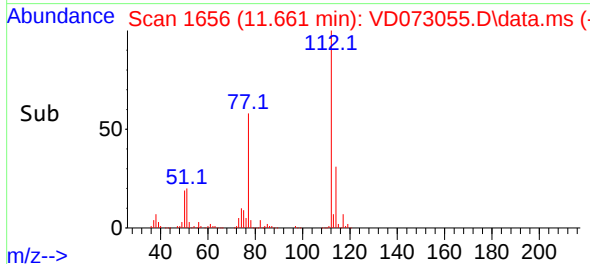
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



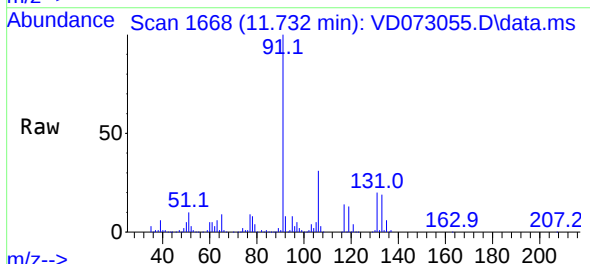
Tgt Ion:112 Resp: 527774
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

Manual Integrations
APPROVED

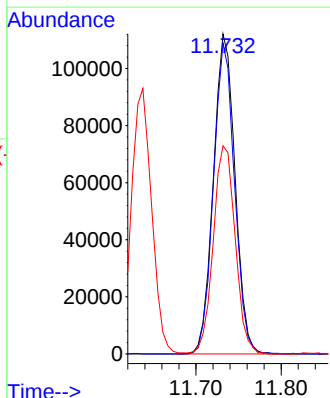
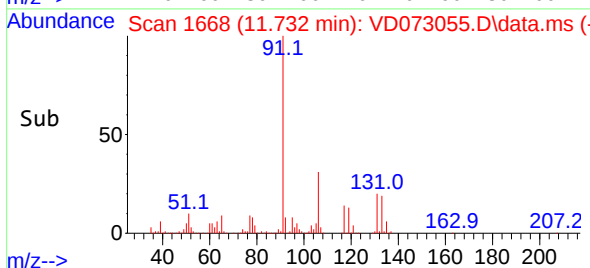
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

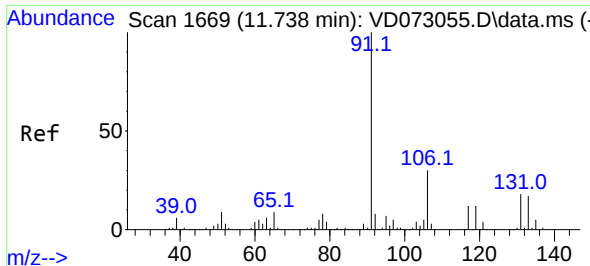


#66
1,1,1,2-Tetrachloroethane
Concen: 47.541 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



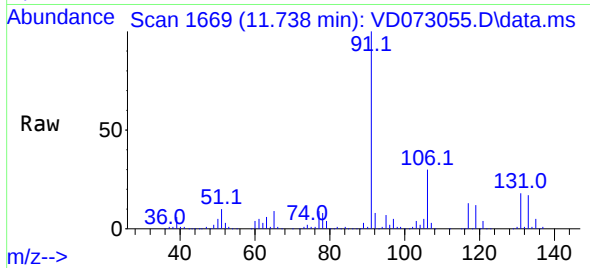
Tgt Ion:131 Resp: 198091
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 66.0 31.9 95.9





#67
Ethyl Benzene
Concen: 50.305 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

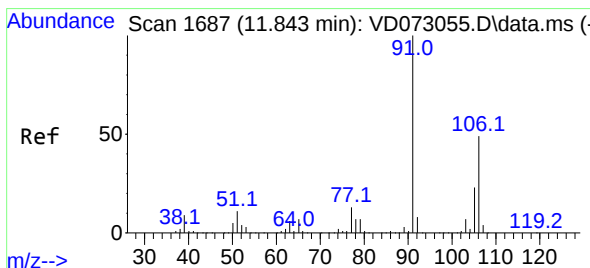
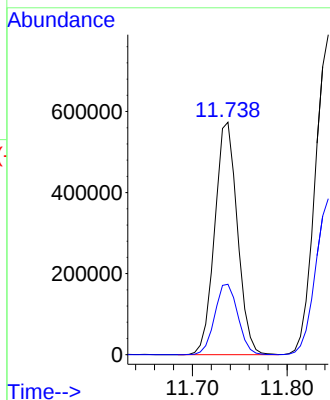
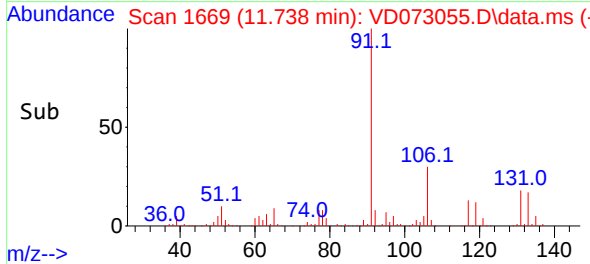
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



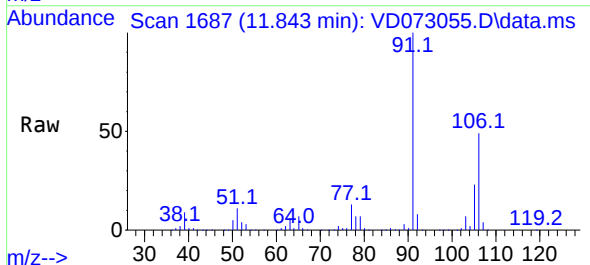
Tgt Ion: 91 Resp: 955419
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

Manual Integrations
APPROVED

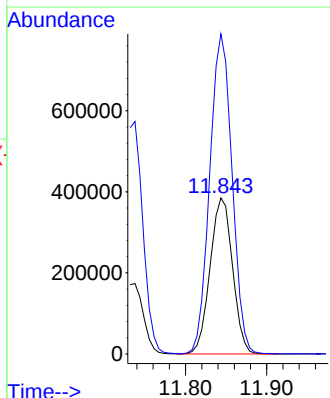
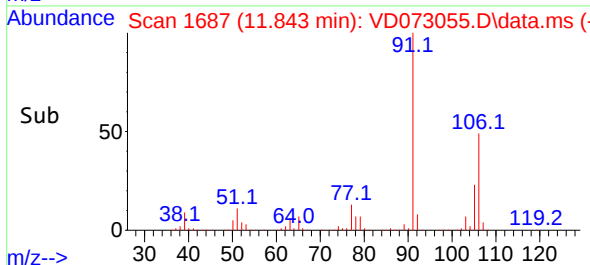
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

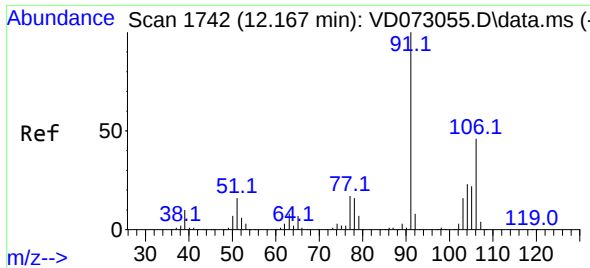


#68
m/p-Xylenes
Concen: 100.483 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



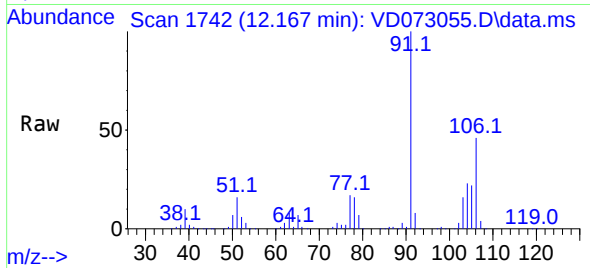
Tgt Ion:106 Resp: 739640
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5





#69
o-Xylene
Concen: 50.868 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

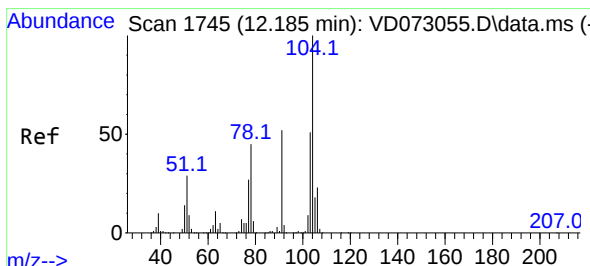
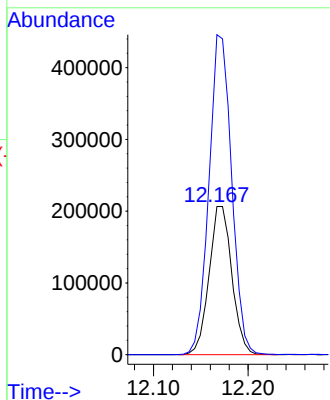
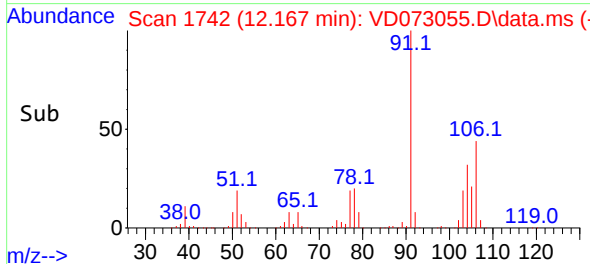
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



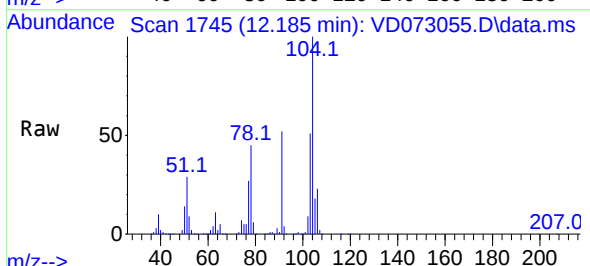
Tgt Ion:106 Resp: 34529
Ion Ratio Lower Upper
106 100
91 215.1 110.4 331.2

Manual Integrations
APPROVED

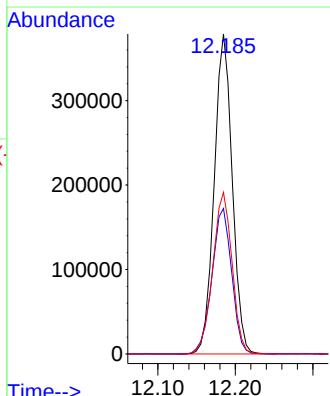
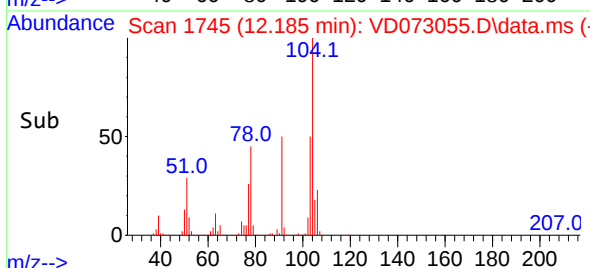
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

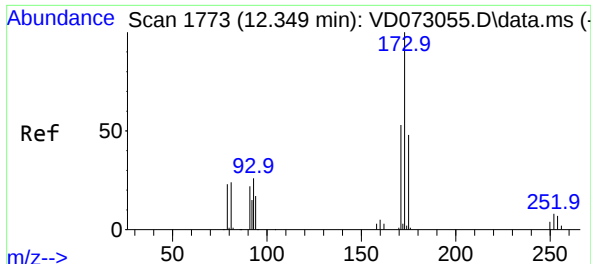


#70
Styrene
Concen: 51.839 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



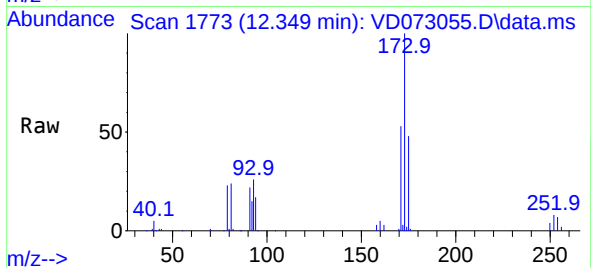
Tgt Ion:104 Resp: 614617
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 54.1 44.2 66.4





#71
Bromoform
Concen: 49.972 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

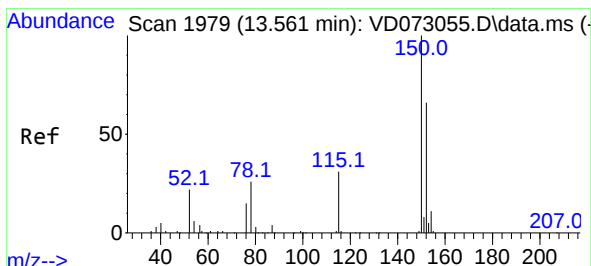
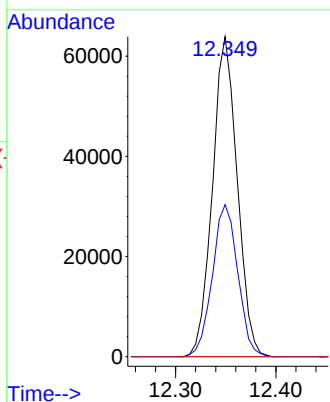
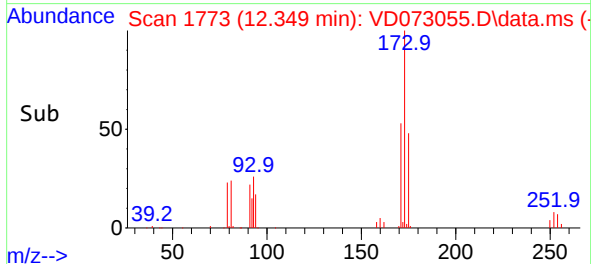
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



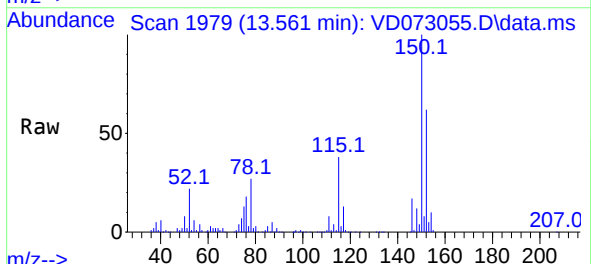
Tgt Ion:173 Resp: 109629
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

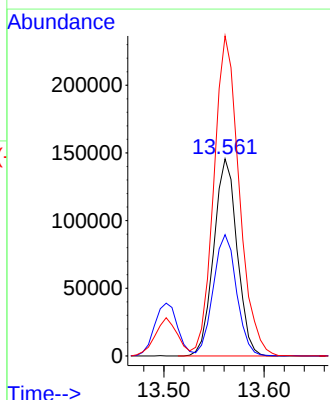
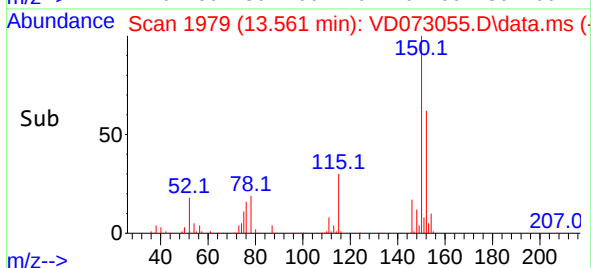
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

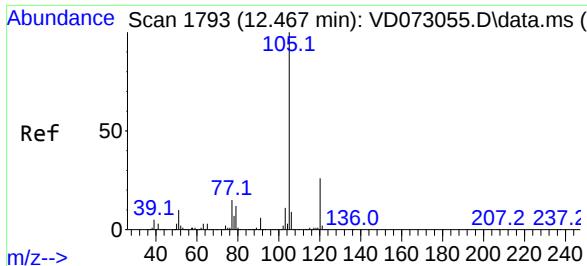


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion:152 Resp: 235355
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 176.2 0.0 348.6





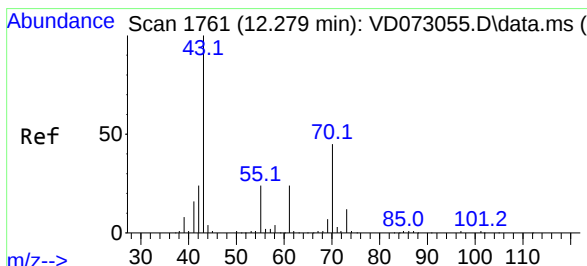
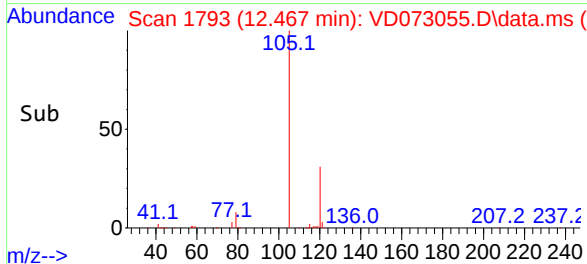
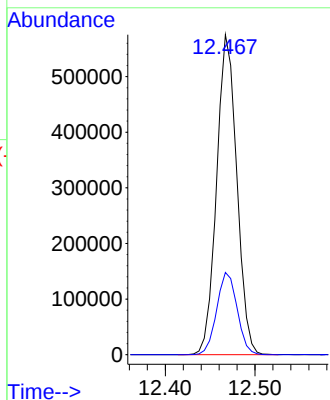
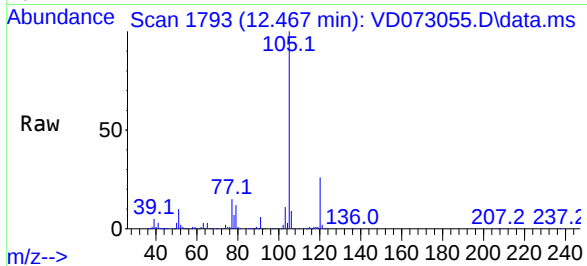
#73
Isopropylbenzene
Concen: 50.398 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 899093
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

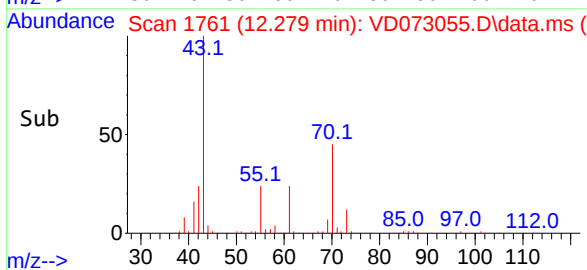
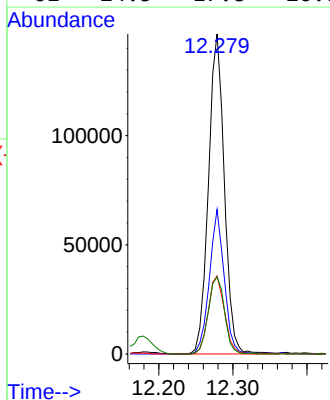
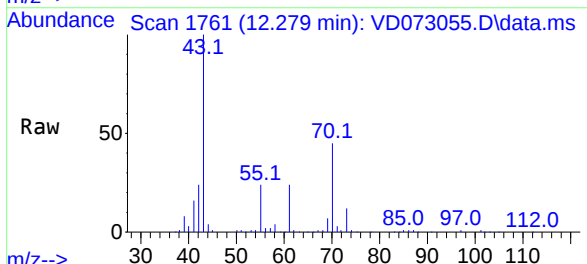
Manual Integrations
APPROVED

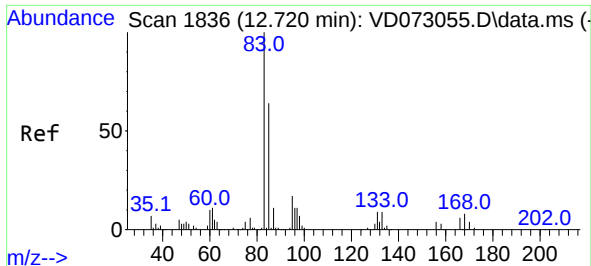
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 52.478 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

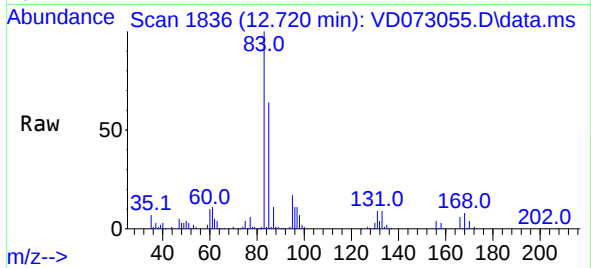
Tgt Ion: 43 Resp: 218786
Ion Ratio Lower Upper
43 100
70 42.0 31.3 46.9
55 24.8 20.0 30.0
61 24.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 49.863 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

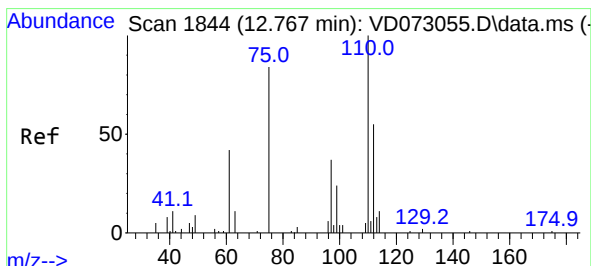
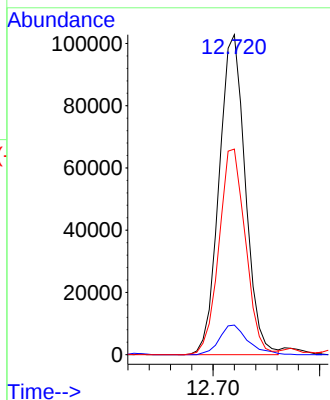
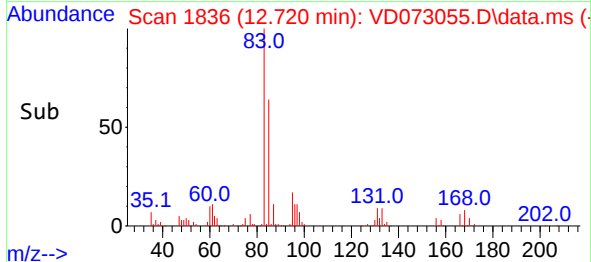
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



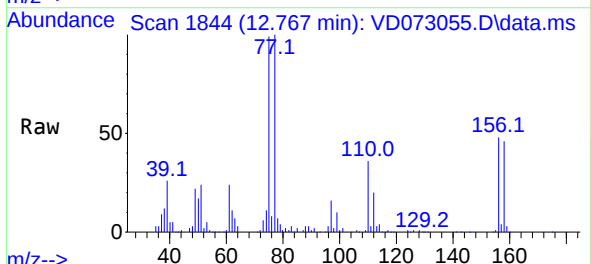
Tgt Ion: 83 Resp: 17536
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.0 32.6 98.0

Manual Integrations
APPROVED

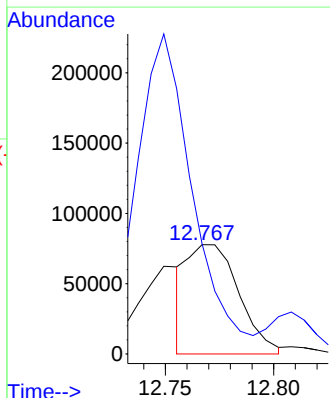
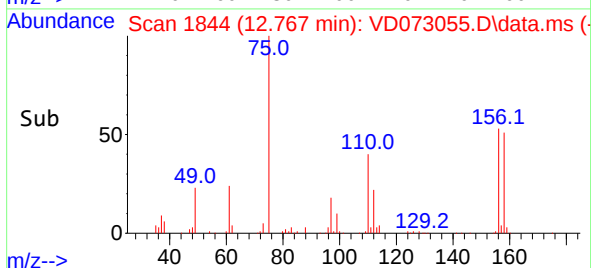
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

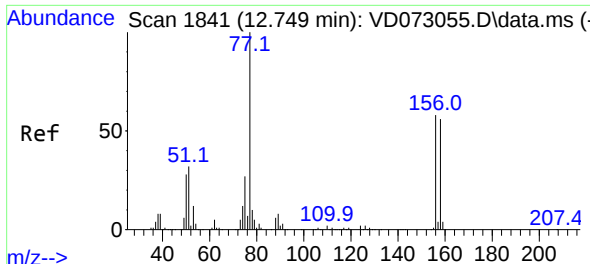


#76
1,2,3-Trichloropropane
Concen: 47.914 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



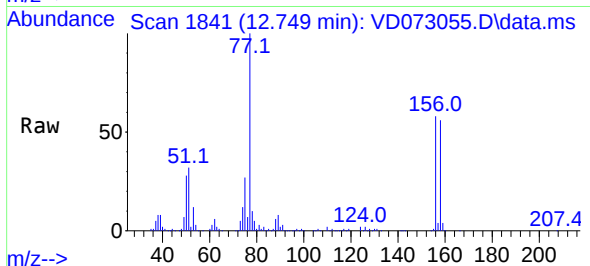
Tgt Ion: 75 Resp: 129006
Ion Ratio Lower Upper
75 100
77 320.0 0.0 0.0#





#77
Bromobenzene
Concen: 50.117 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

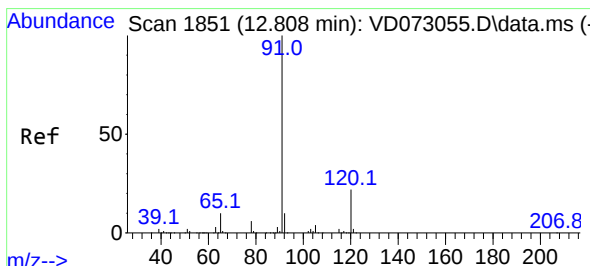
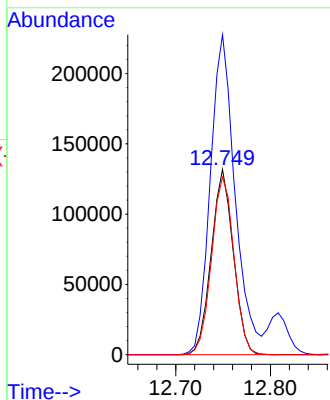
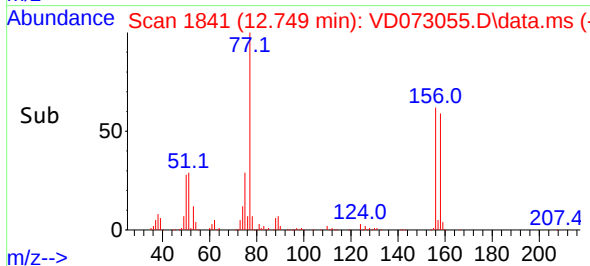
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



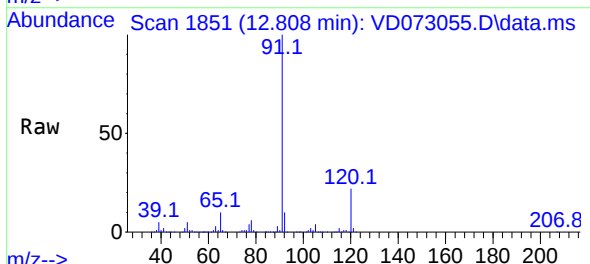
Tgt Ion:156 Resp: 21332
Ion Ratio Lower Upper
156 100
77 193.5 102.8 308.3
158 97.5 48.7 146.1

Manual Integrations
APPROVED

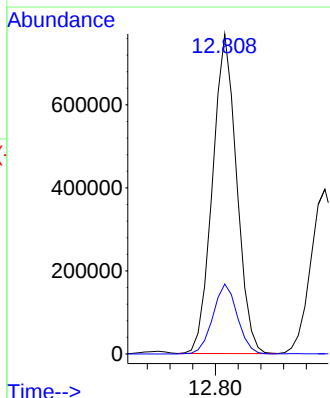
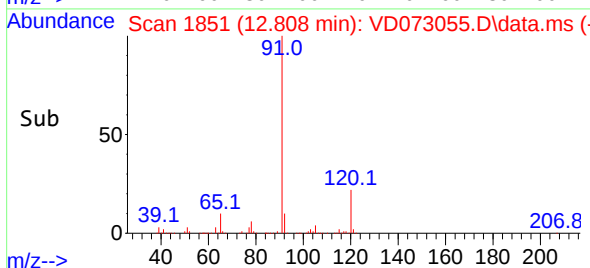
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

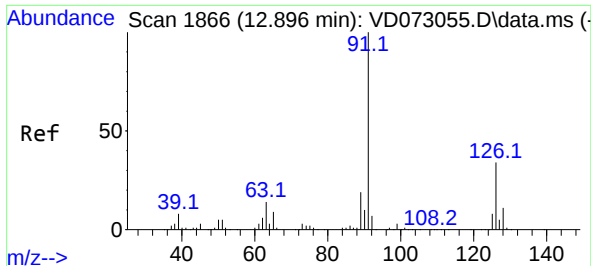


#78
n-propylbenzene
Concen: 50.680 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion: 91 Resp: 1135384
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





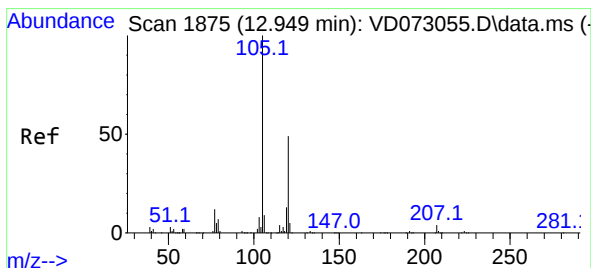
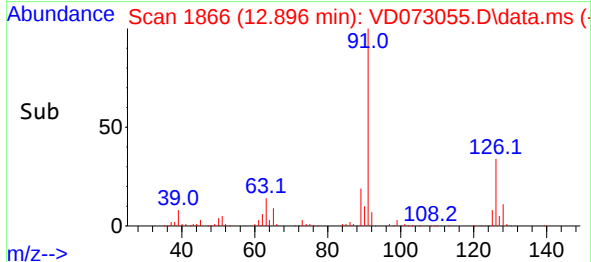
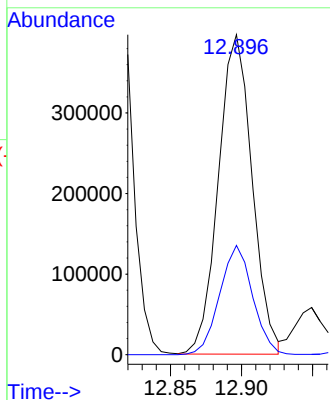
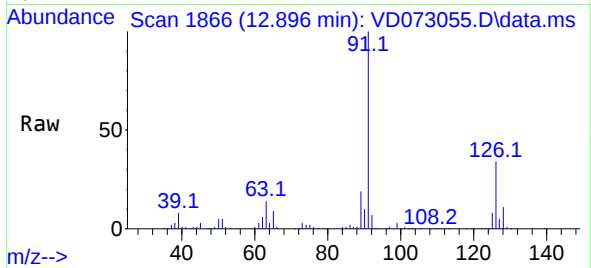
#79
2-Chlorotoluene
Concen: 50.125 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 65417
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6

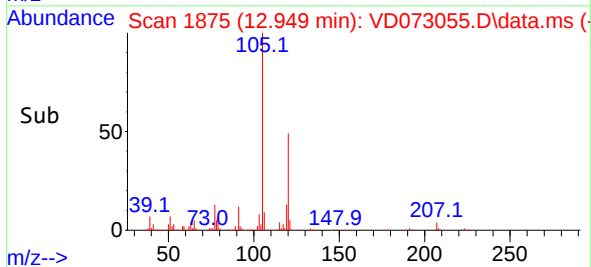
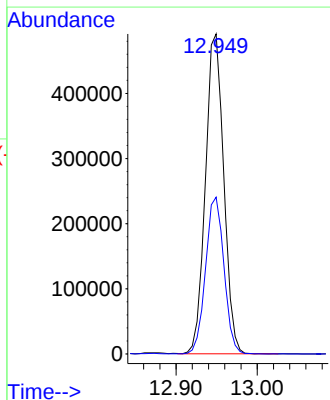
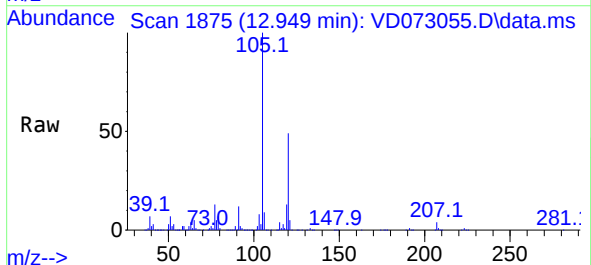
Manual Integrations
APPROVED

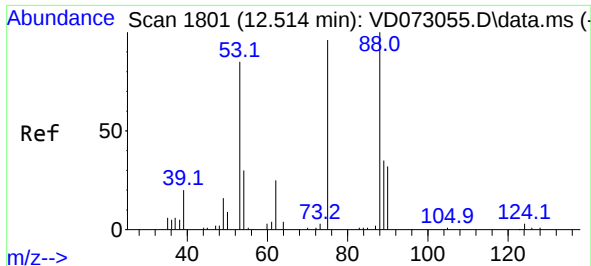
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.629 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Tgt Ion:105 Resp: 769455
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8





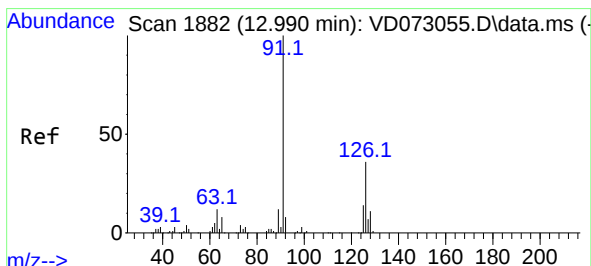
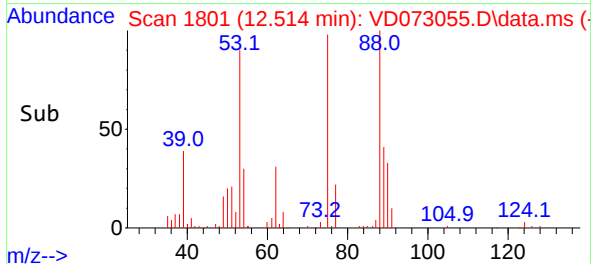
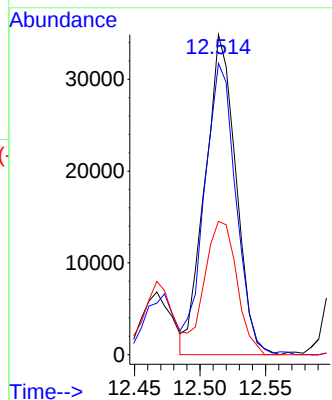
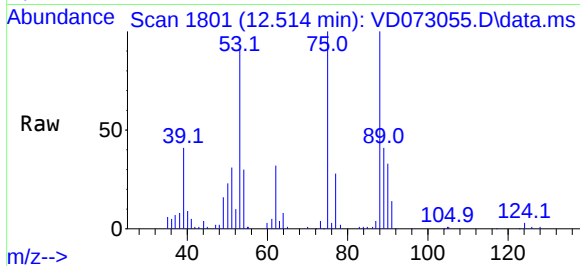
#81
trans-1,4-Dichloro-2-butene
Concen: 51.299 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 5692
Ion Ratio Lower Upper
75 100
53 93.7 86.5 129.7
89 43.1 33.9 50.9

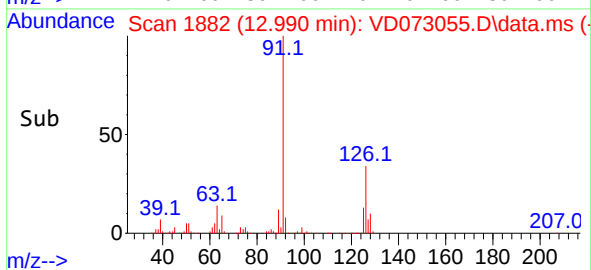
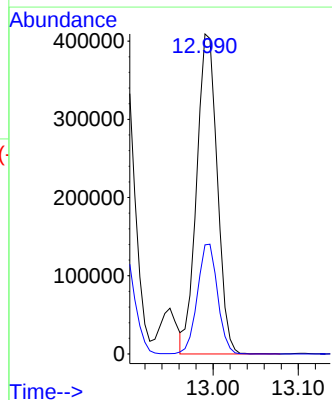
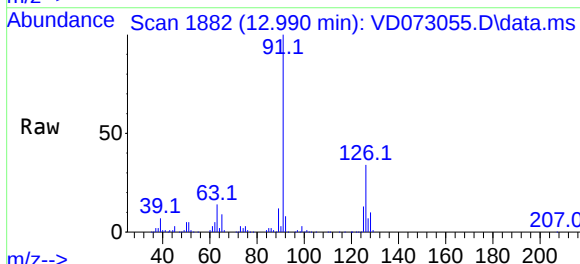
Manual Integrations
APPROVED

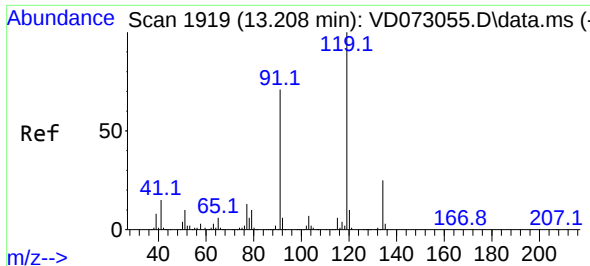
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 49.616 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

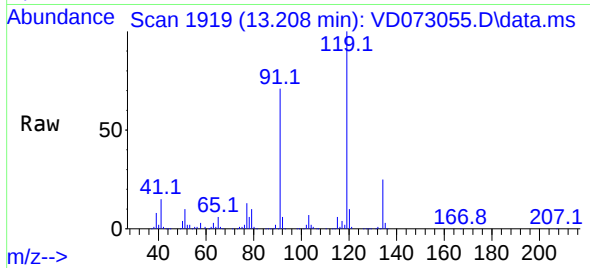
Tgt Ion: 91 Resp: 685321
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 50.070 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

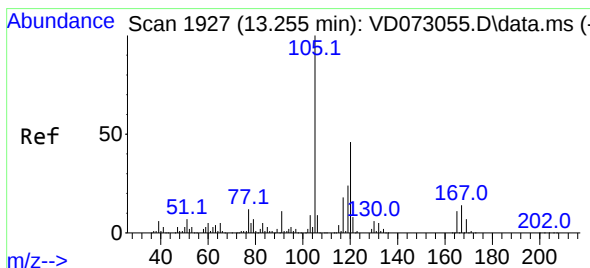
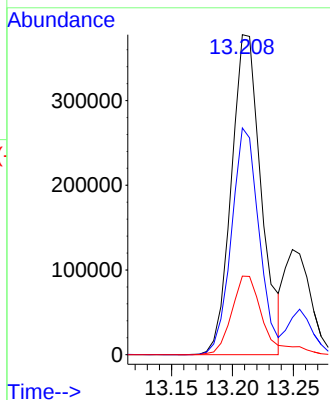
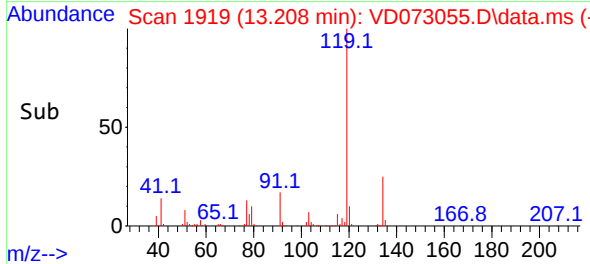
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



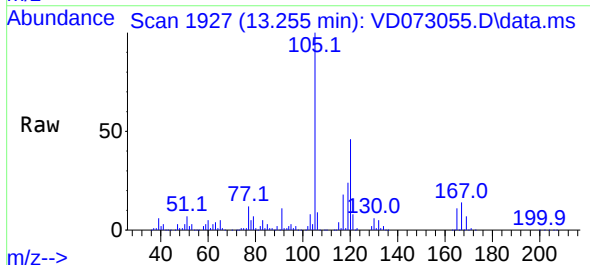
Tgt Ion:119 Resp: 644562
Ion Ratio Lower Upper
119 100
91 65.6 34.8 104.5
134 26.1 13.3 39.9

Manual Integrations
APPROVED

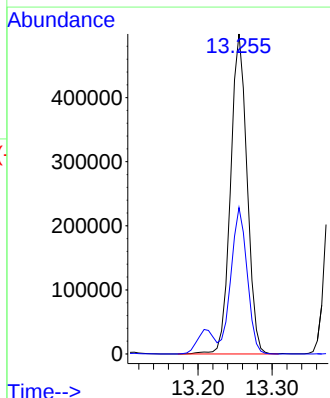
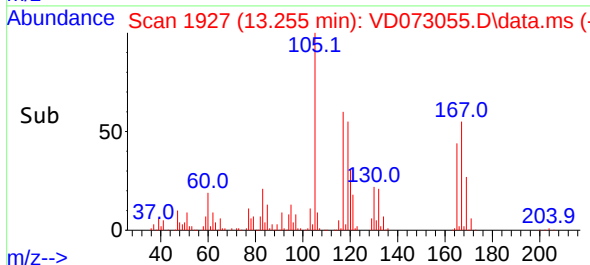
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

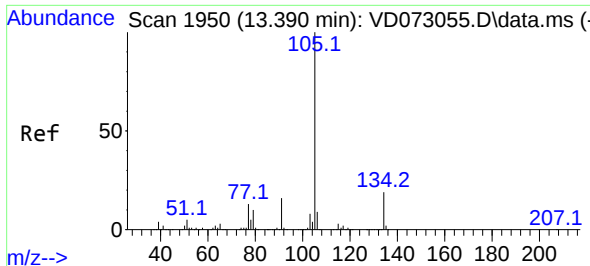


#84
1,2,4-Trimethylbenzene
Concen: 50.961 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



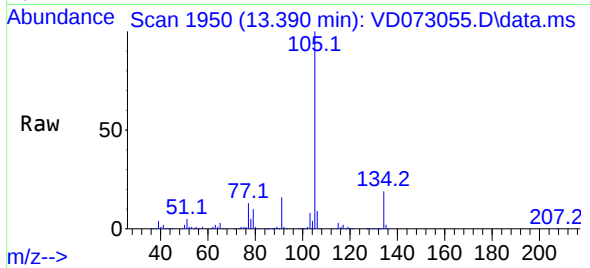
Tgt Ion:105 Resp: 770551
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 49.838 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073055.D
 Acq: 17 May 2022 11:43

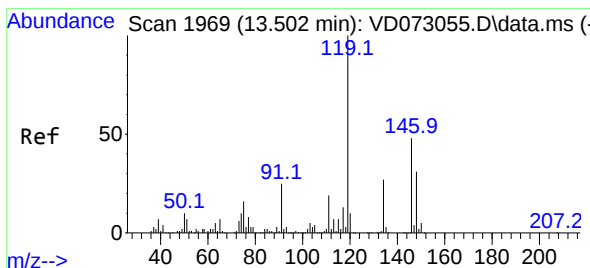
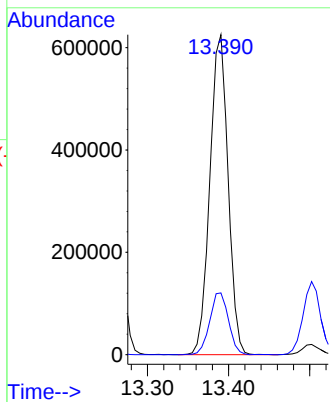
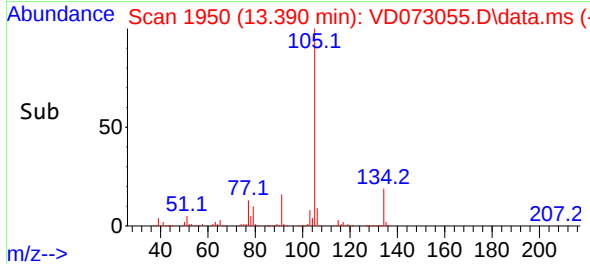
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



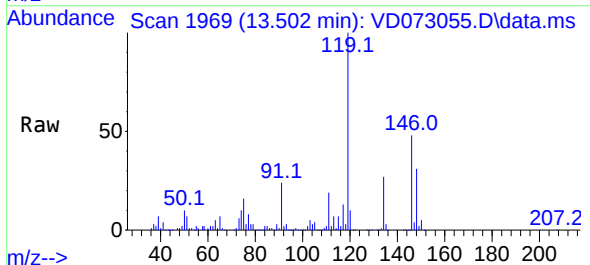
Tgt Ion:105 Resp: 973860
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
 APPROVED

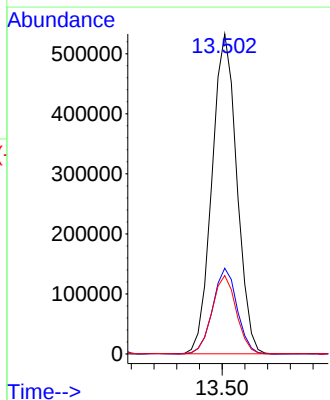
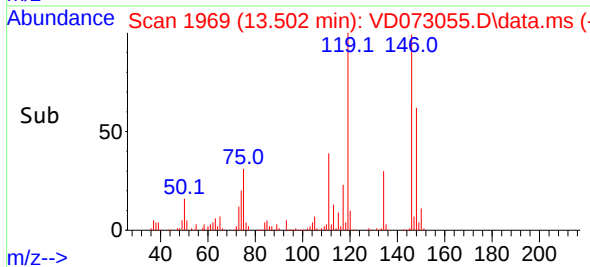
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

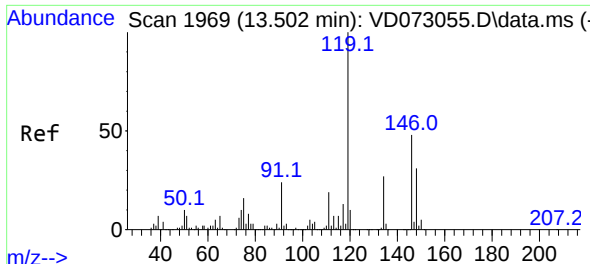


#86
 p-Isopropyltoluene
 Concen: 50.941 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073055.D
 Acq: 17 May 2022 11:43



Tgt Ion:119 Resp: 809663
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.323 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073055.D

Acq: 17 May 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 43151

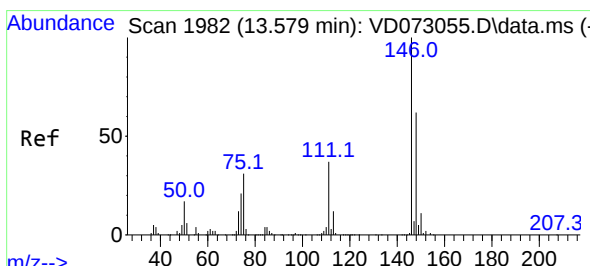
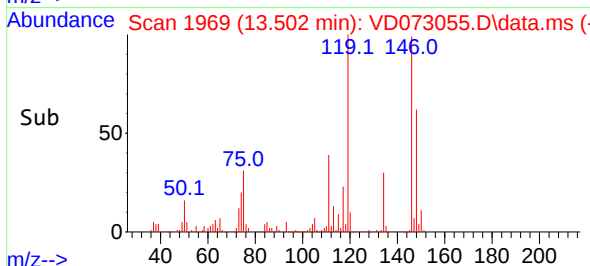
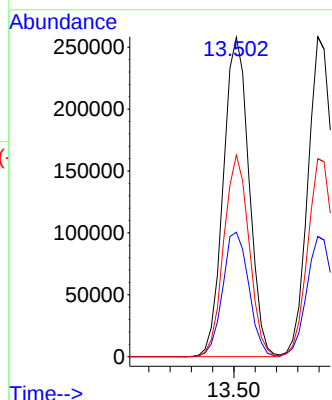
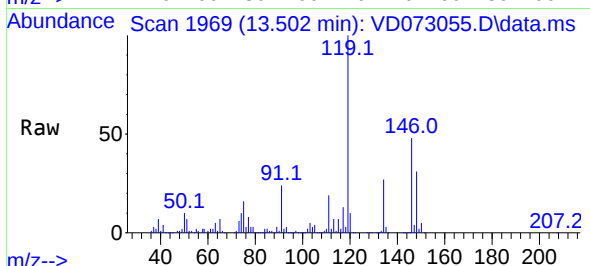
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.3
148	62.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#88

1,4-Dichlorobenzene

Concen: 48.769 ug/l

RT: 13.579 min Scan# 1982

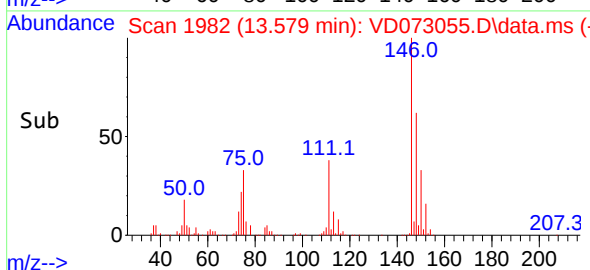
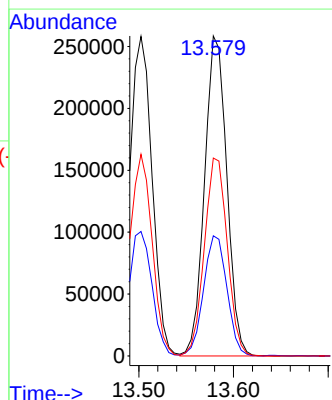
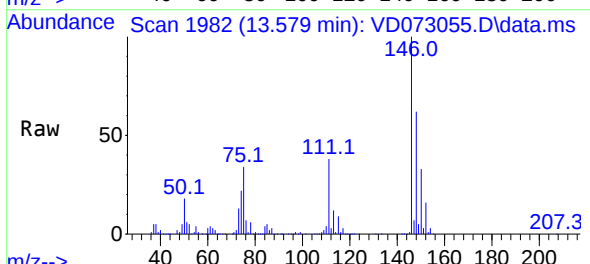
Delta R.T. 0.000 min

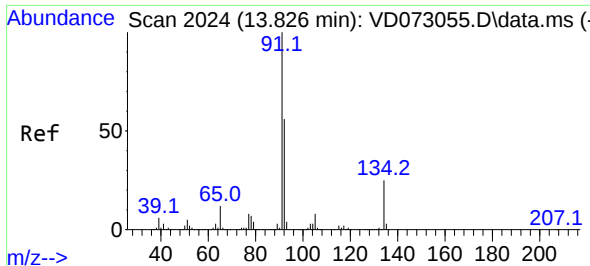
Lab File: VD073055.D

Acq: 17 May 2022 11:43

Tgt Ion:146 Resp: 421622

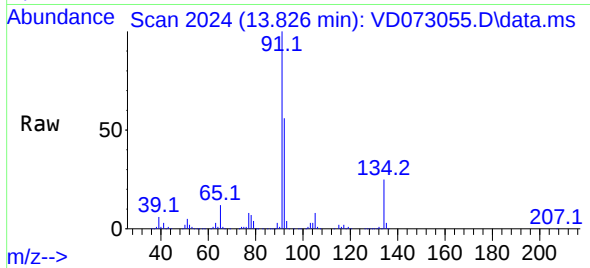
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	63.7	31.7	95.1





#89
n-Butylbenzene
Concen: 50.577 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

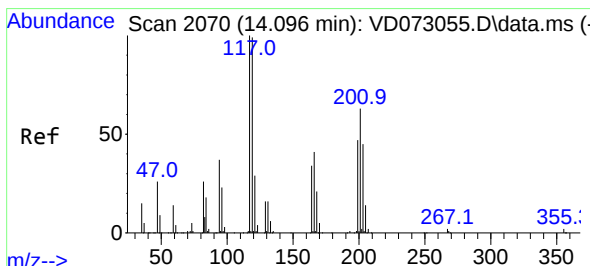
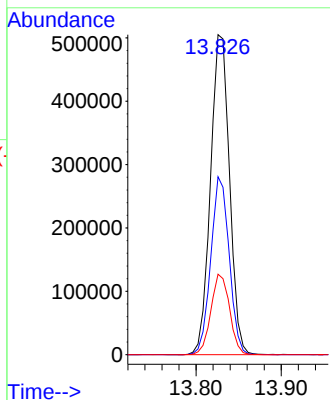
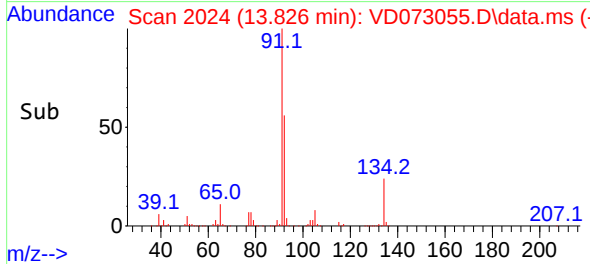
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 78177
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 24.7 12.3 36.9

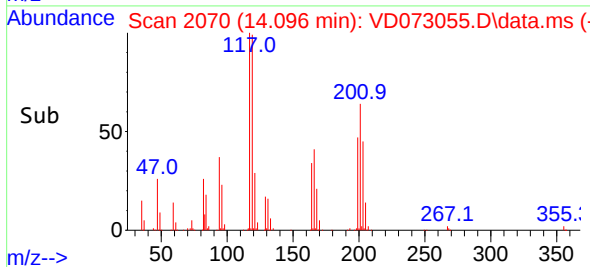
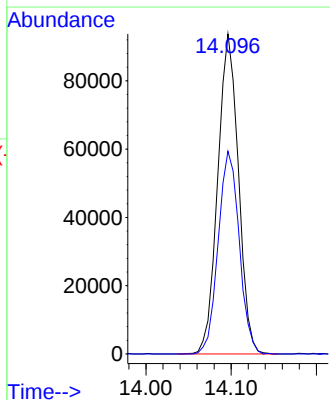
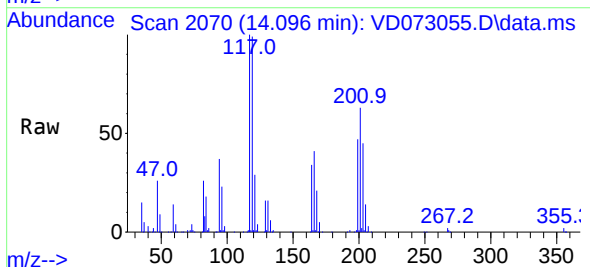
Manual Integrations
APPROVED

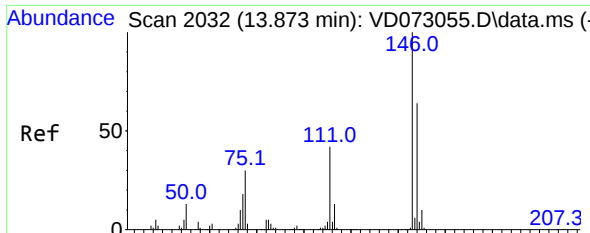
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 47.925 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

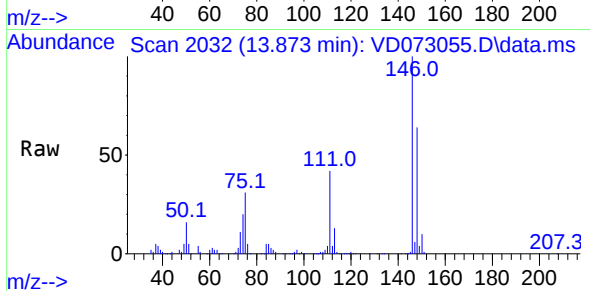
Tgt Ion:117 Resp: 158280
Ion Ratio Lower Upper
117 100
201 64.4 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 49.238 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

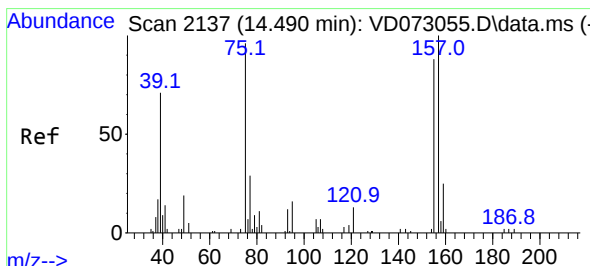
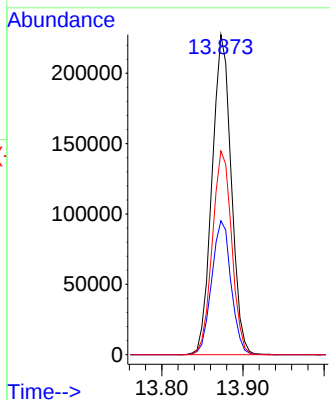
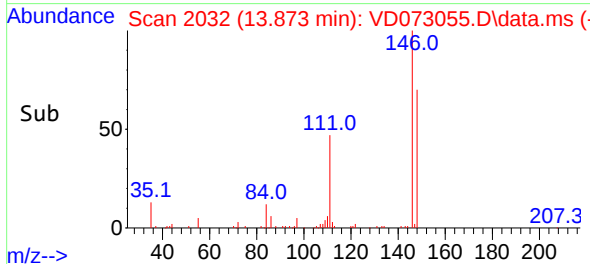
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



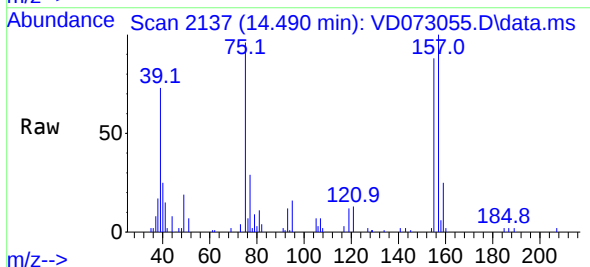
Tgt Ion:146 Resp: 37362
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 64.3 31.7 95.1

Manual Integrations
APPROVED

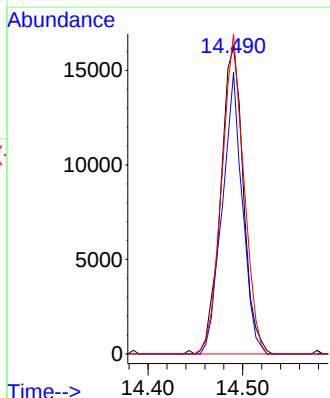
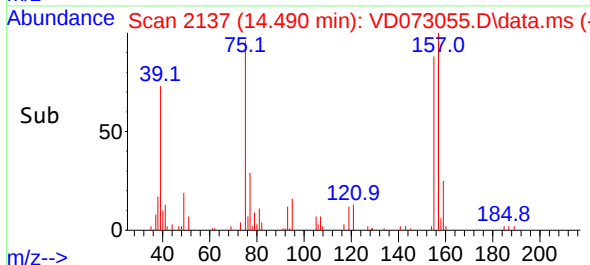
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

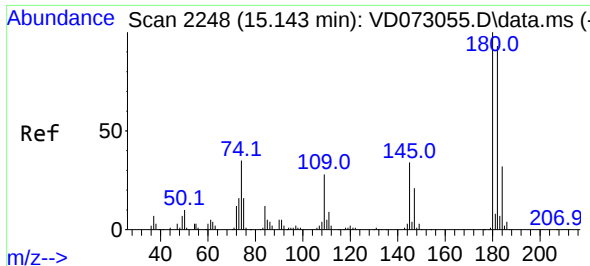


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.428 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



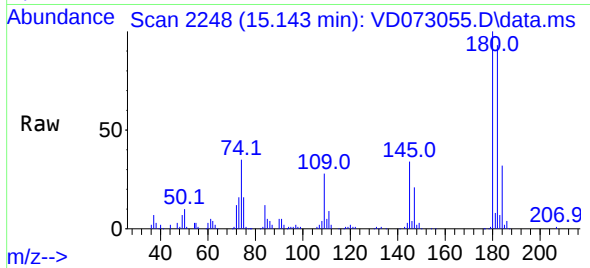
Tgt Ion: 75 Resp: 27021
Ion Ratio Lower Upper
75 100
155 81.4 36.8 110.3
157 101.4 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 50.808 ug/l
RT: 15.143 min Scan# 21996
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

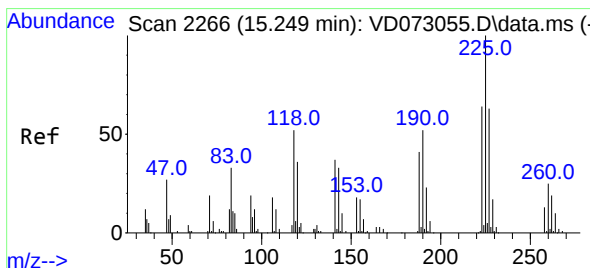
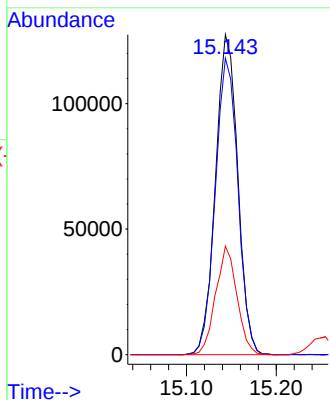
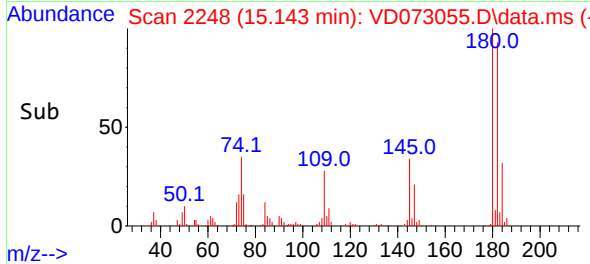
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



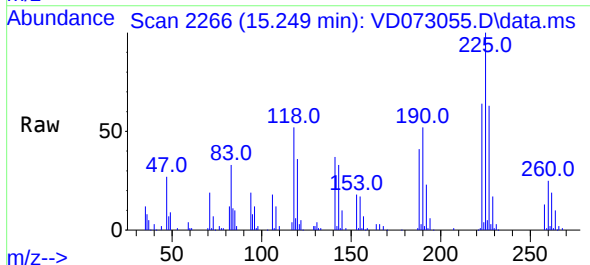
Tgt Ion:180 Resp: 21996
Ion Ratio Lower Upper
180 100
182 94.0 47.3 142.0
145 32.3 16.2 48.5

Manual Integrations
APPROVED

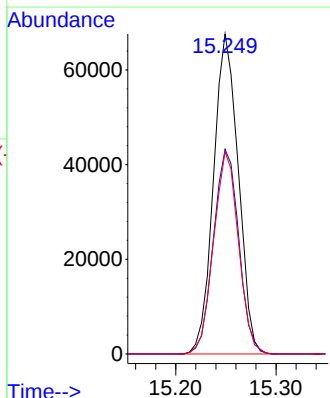
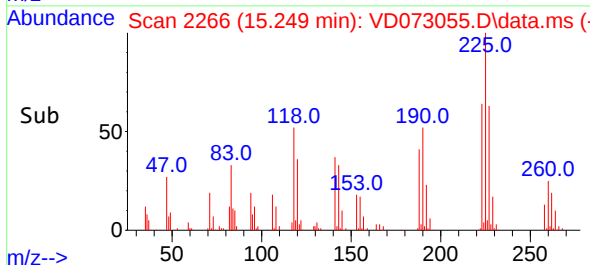
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

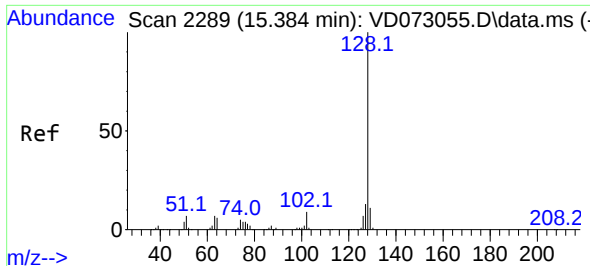


#94
Hexachlorobutadiene
Concen: 47.903 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



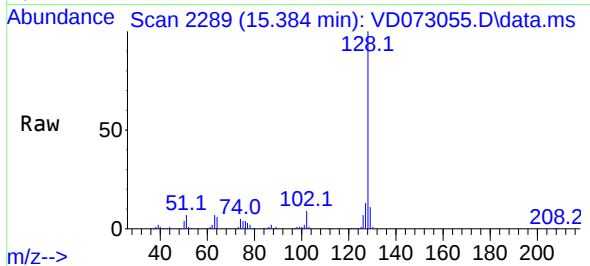
Tgt Ion:225 Resp: 115761
Ion Ratio Lower Upper
225 100
223 65.3 31.1 93.2
227 63.4 32.4 97.0





#95
Naphthalene
Concen: 52.872 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43

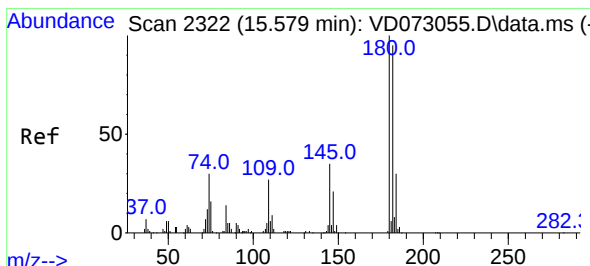
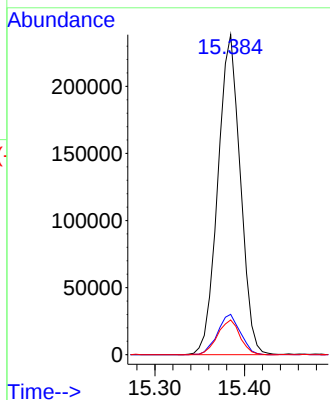
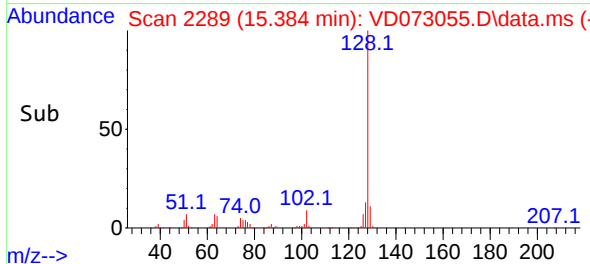
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



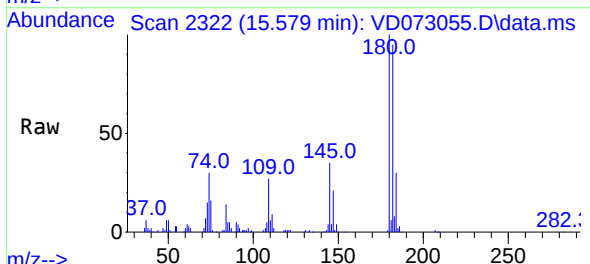
Tgt Ion:128 Resp: 414650
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.838 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD073055.D
Acq: 17 May 2022 11:43



Tgt Ion:180 Resp: 195409
Ion Ratio Lower Upper
180 100
182 94.0 47.6 142.9
145 34.5 17.1 51.3

