

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073050.D
 Acq On : 16 May 2022 22:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 17 03:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	310785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	524552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	507112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	183193	45.410	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.820%		
35) Dibromofluoromethane	7.909	113	182492	49.537	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.080%		
50) Toluene-d8	10.332	98	659971	49.942	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.880%		
62) 4-Bromofluorobenzene	12.620	95	246297	49.985	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	168010	39.121	ug/l	97
3) Chloromethane	2.209	50	171331	38.361	ug/l	99
4) Vinyl Chloride	2.344	62	160158	39.963	ug/l	99
5) Bromomethane	2.756	94	105962	42.761	ug/l	95
6) Chloroethane	2.915	64	101114	40.482	ug/l	98
7) Trichlorofluoromethane	3.268	101	301980	43.031	ug/l	99
8) Diethyl Ether	3.709	74	90042	44.754	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	183842	44.125	ug/l	98
10) Methyl Iodide	4.297	142	175728	42.028	ug/l	99
11) Tert butyl alcohol	5.221	59	84420	241.860	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	164861	43.992	ug/l	89
13) Acrolein	3.921	56	14111	44.336	ug/l	97
14) Allyl chloride	4.709	41	286449	47.345	ug/l	91
15) Acrylonitrile	5.415	53	224487	234.780	ug/l	98
16) Acetone	4.156	43	166702	219.044	ug/l	95
17) Carbon Disulfide	4.403	76	458318	38.896	ug/l	99
18) Methyl Acetate	4.709	43	107716	49.063	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	444439	49.471	ug/l	99
20) Methylene Chloride	4.956	84	230830	47.525	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	197494	45.951	ug/l	88
22) Diisopropyl ether	6.356	45	639434	48.044	ug/l	94
23) Vinyl Acetate	6.303	43	1771036	240.883	ug/l	96
24) 1,1-Dichloroethane	6.256	63	375856	47.004	ug/l	98
25) 2-Butanone	7.203	43	273399	232.591	ug/l	95
26) 2,2-Dichloropropane	7.203	77	292828	43.318	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	231370	47.002	ug/l	91
28) Bromochloromethane	7.538	49	148743	49.882	ug/l #	84
29) Tetrahydrofuran	7.556	42	185004	246.924	ug/l	94
30) Chloroform	7.703	83	397143	46.938	ug/l	99
31) Cyclohexane	7.979	56	296114	41.989	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	337818	46.847	ug/l	97
36) 1,1-Dichloropropene	8.103	75	276854	46.217	ug/l	97
37) Ethyl Acetate	7.291	43	131063	47.595	ug/l	97
38) Carbon Tetrachloride	8.091	117	284830	45.806	ug/l	97
39) Methylcyclohexane	9.350	83	311280	44.800	ug/l	96
40) Benzene	8.344	78	818662	47.325	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	68649	41.867	ug/l #	85
42) 1,2-Dichloroethane	8.414	62	237059	45.475	ug/l	96
43) Isopropyl Acetate	8.444	43	250175	49.222	ug/l #	94
44) Trichloroethene	9.109	130	210148	45.408	ug/l	96
45) 1,2-Dichloropropane	9.379	63	214576	47.232	ug/l	96
46) Dibromomethane	9.467	93	116302	46.409	ug/l	97
47) Bromodichloromethane	9.656	83	302689	46.952	ug/l	97
48) Methyl methacrylate	9.450	41	129236	51.975	ug/l	94
49) 1,4-Dioxane	9.456	88	26611	942.985	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	672439	254.605	ug/l	94
52) Toluene	10.397	92	530463	49.158	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	278663	47.059	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	323725	47.055	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	162939	48.096	ug/l	97
56) Ethyl methacrylate	10.650	69	204865	51.360	ug/l	89
57) 1,3-Dichloropropane	10.938	76	280340	48.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	517035	267.350	ug/l	95
59) 2-Hexanone	10.973	43	451591	254.108	ug/l	94
60) Dibromochloromethane	11.132	129	200573	47.031	ug/l	100
61) 1,2-Dibromoethane	11.238	107	155416	47.132	ug/l	98
64) Tetrachloroethene	10.867	164	170034	45.861	ug/l	97
65) Chlorobenzene	11.661	112	560908	47.822	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	212867	48.291	ug/l	99
67) Ethyl Benzene	11.738	91	1018224	50.162	ug/l	99
68) m/p-Xylenes	11.844	106	781478	99.944	ug/l	97
69) o-Xylene	12.167	106	369611	50.614	ug/l	96
70) Styrene	12.185	104	645161	50.991	ug/l	98
71) Bromoform	12.350	173	117480	49.176	ug/l #	98
73) Isopropylbenzene	12.467	105	981210	51.633	ug/l	99
74) N-amyl acetate	12.279	43	243973	51.553	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	191159	49.831	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	135289m	49.673	ug/l	
77) Bromobenzene	12.750	156	224794	49.814	ug/l	95
78) n-propylbenzene	12.808	91	1207164	50.401	ug/l	100
79) 2-Chlorotoluene	12.897	91	688533	49.212	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	825850	51.251	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	57107	48.217	ug/l	92
82) 4-Chlorotoluene	12.991	91	723057	49.462	ug/l	99
83) tert-Butylbenzene	13.208	119	706612	51.579	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	817278	50.741	ug/l	99
85) sec-Butylbenzene	13.385	105	1050916	50.862	ug/l	99
86) p-Isopropyltoluene	13.502	119	864341	51.021	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	446018	49.063	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	437605	48.338	ug/l	99
89) n-Butylbenzene	13.826	91	841114	51.254	ug/l	99
90) Hexachloroethane	14.097	117	174830	50.376	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	390676	49.311	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	28686	47.173	ug/l	91
93) 1,2,4-Trichlorobenzene	15.144	180	236332	50.369	ug/l	98
94) Hexachlorobutadiene	15.249	225	121642	47.470	ug/l	98
95) Naphthalene	15.379	128	464397	53.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	209895	50.464	ug/l	99

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

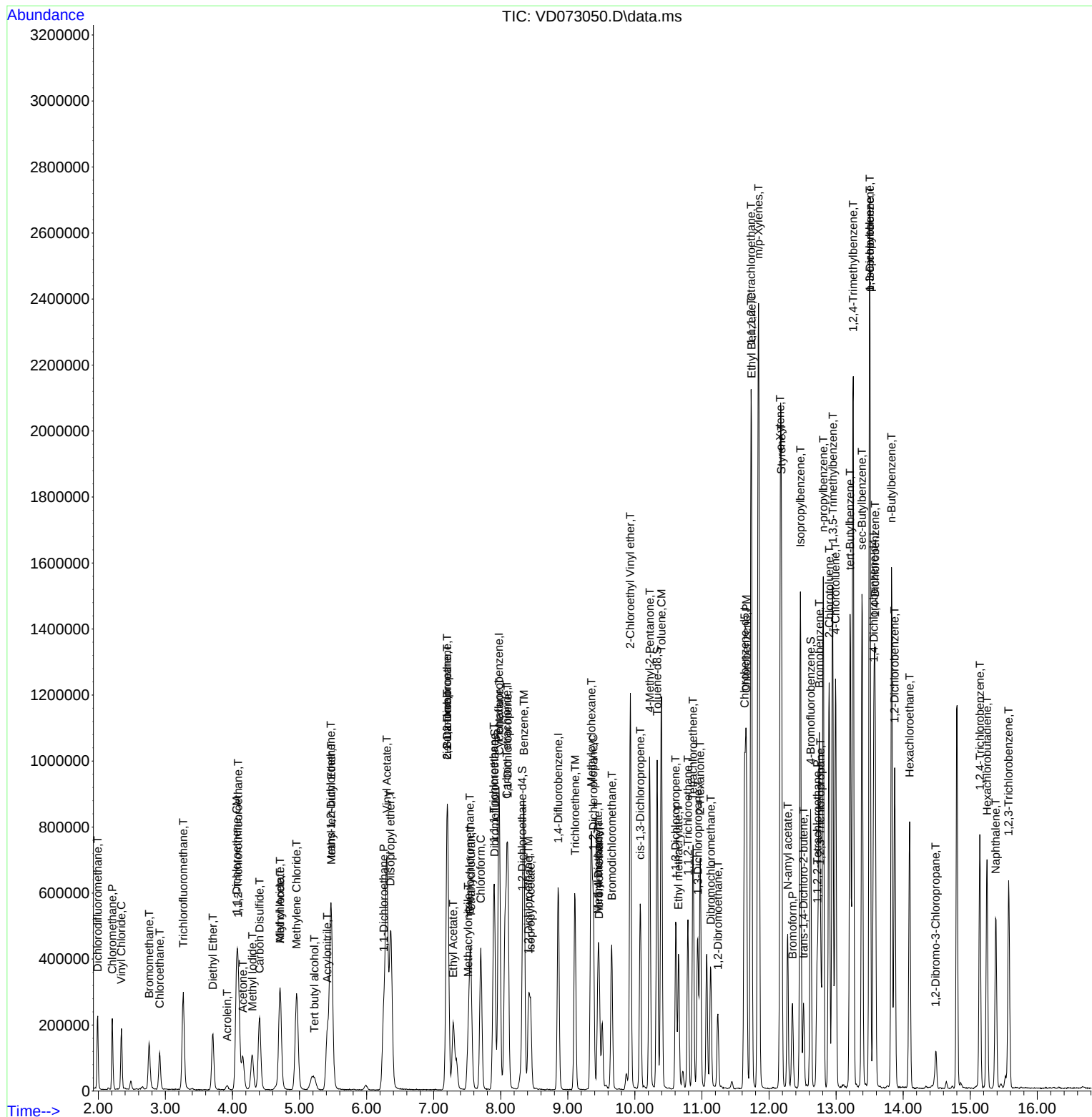
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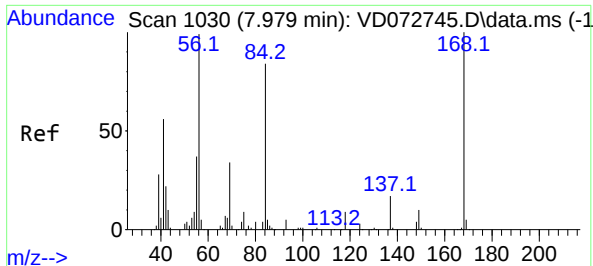
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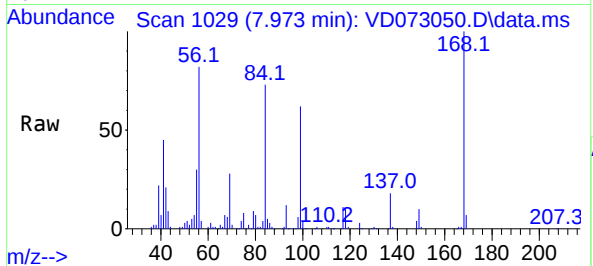
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073050.D
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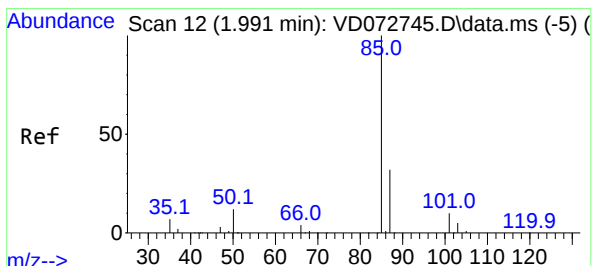
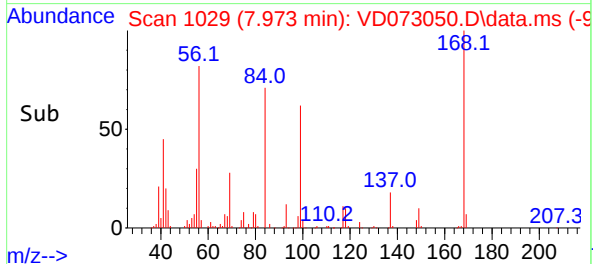
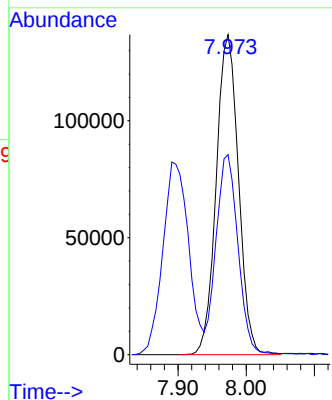
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MSVOA_D
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Tgt Ion:168 Resp: 310785
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6

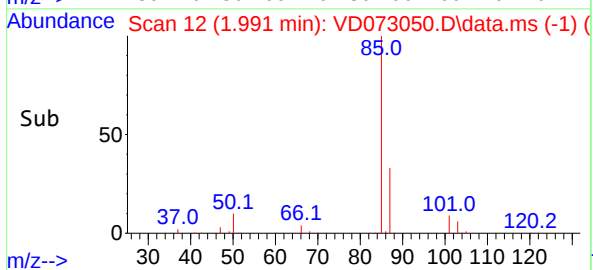
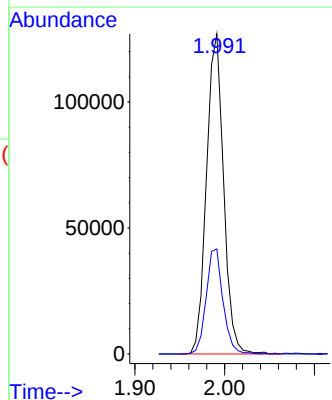
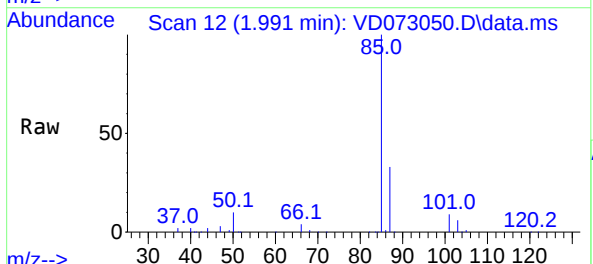
Manual Integrations
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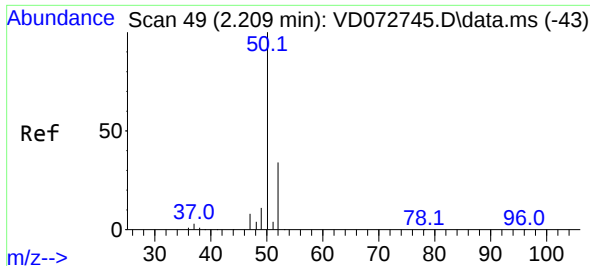
Reviewed By :John Carlone 05/17/2022
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#2
Dichlorodifluoromethane
Concen: 39.121 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

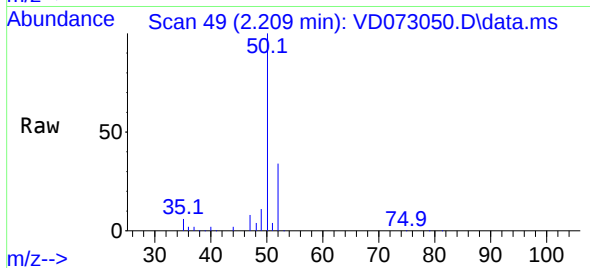
Tgt Ion: 85 Resp: 168010
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0





#3
Chloromethane
Concen: 38.361 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

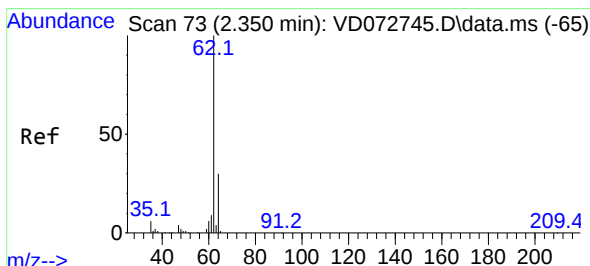
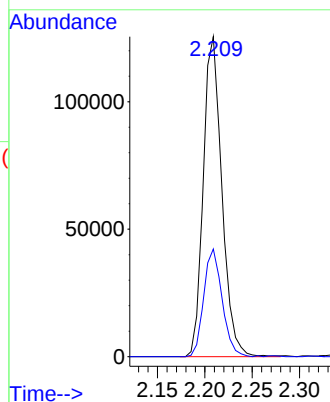
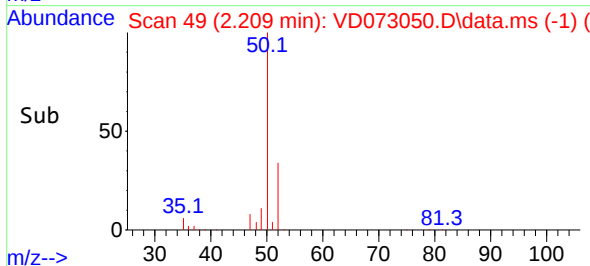
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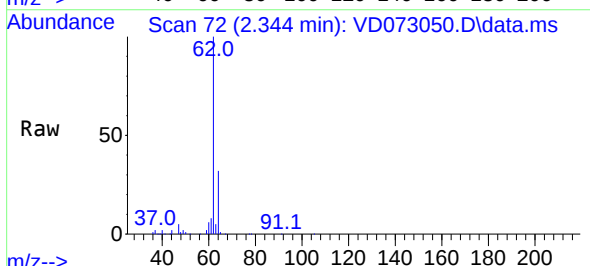
Tgt Ion: 50 Resp: 17133
Ion Ratio Lower Upper
50 100
52 33.6 27.4 41.0

Manual Integrations
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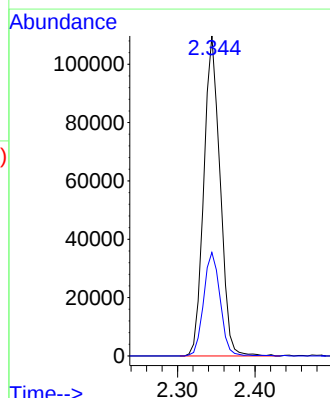
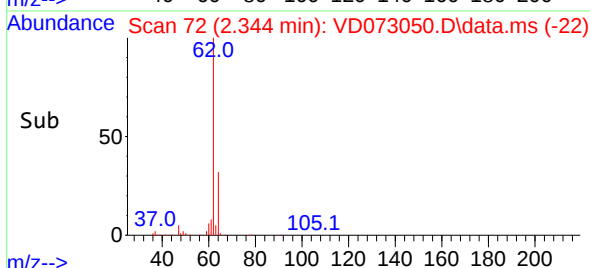
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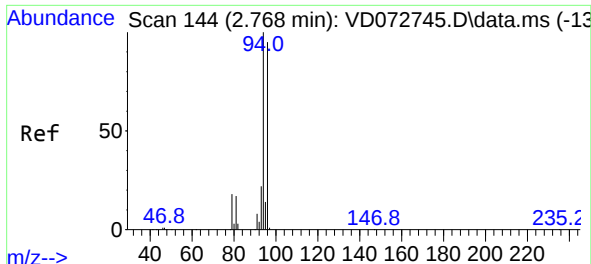


#4
Vinyl Chloride
Concen: 39.963 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



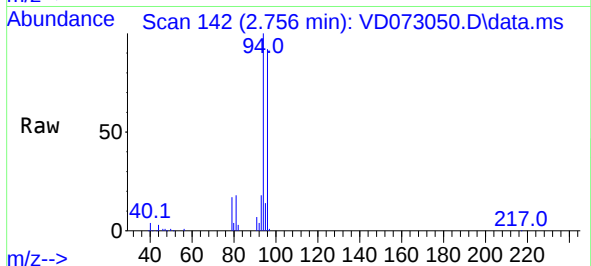
Tgt Ion: 62 Resp: 160158
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 42.761 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

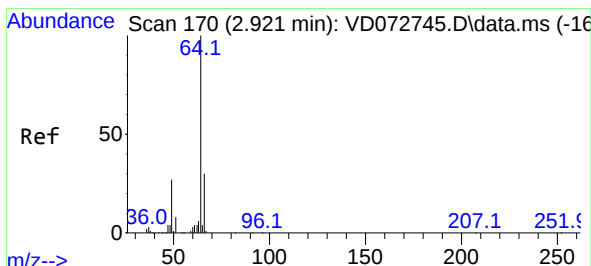
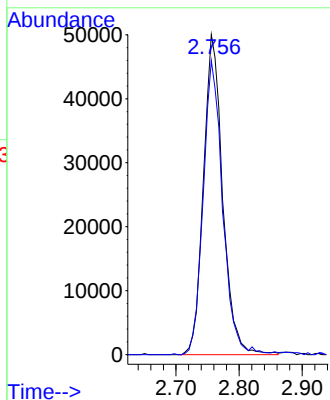
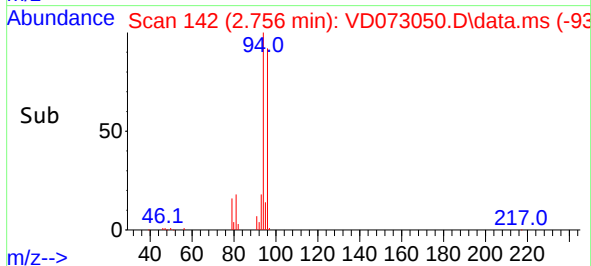
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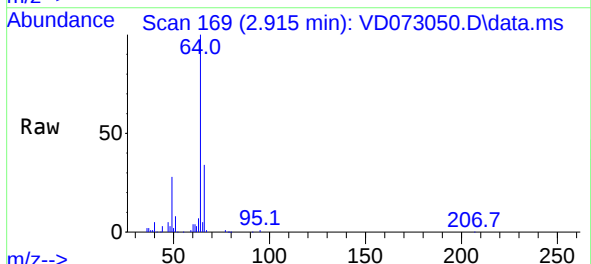
Tgt Ion: 94 Resp: 105962
Ion Ratio Lower Upper
94 100
96 91.9 77.6 116.4

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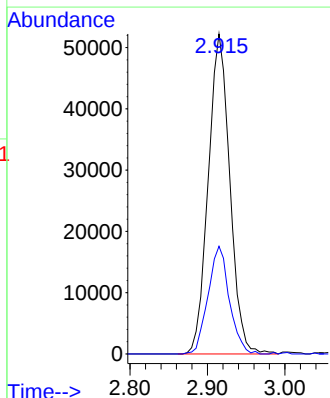
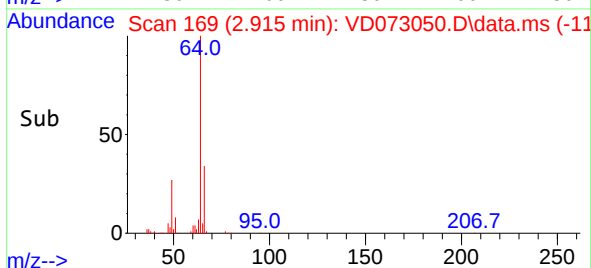
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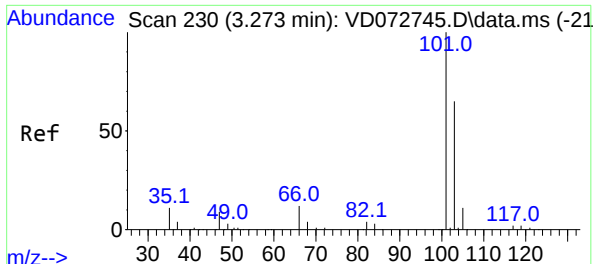


#6
Chloroethane
Concen: 40.482 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



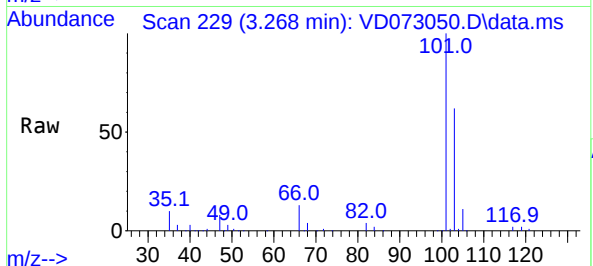
Tgt Ion: 64 Resp: 101114
Ion Ratio Lower Upper
64 100
66 33.6 25.9 38.9





#7
Trichlorofluoromethane
Concen: 43.031 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

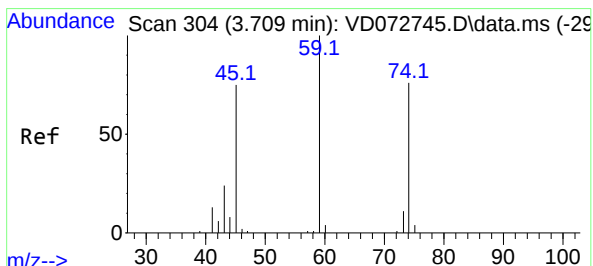
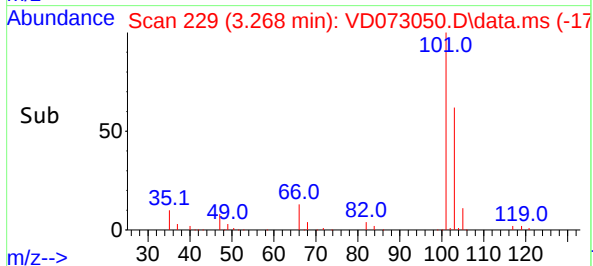
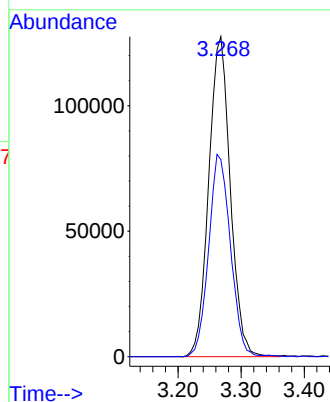
Instrument :
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Tgt Ion:101 Resp: 301980
Ion Ratio Lower Upper
101 100
103 61.6 50.1 75.1

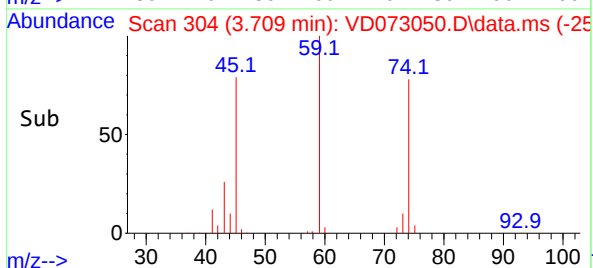
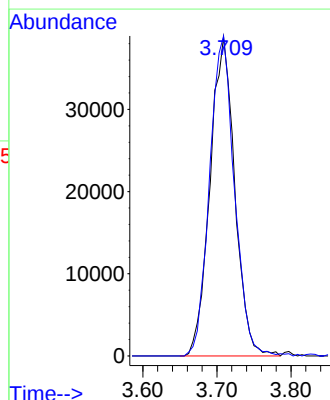
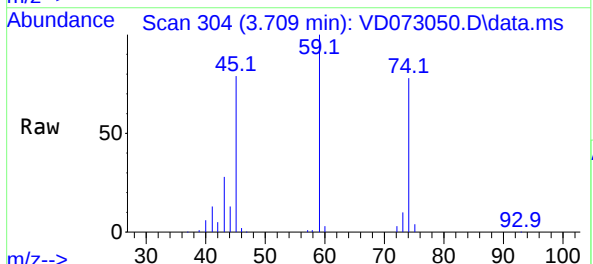
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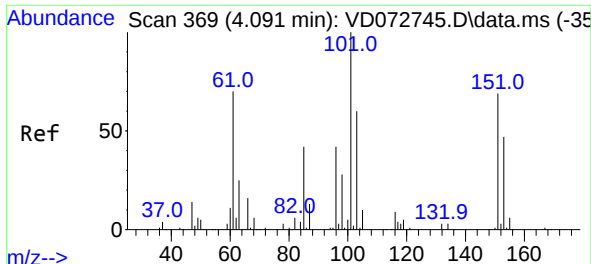
Reviewed By :John Carlone 05/17/2022
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#8
Diethyl Ether
Concen: 44.754 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Tgt Ion: 74 Resp: 90042
Ion Ratio Lower Upper
74 100
45 100.6 52.6 157.8





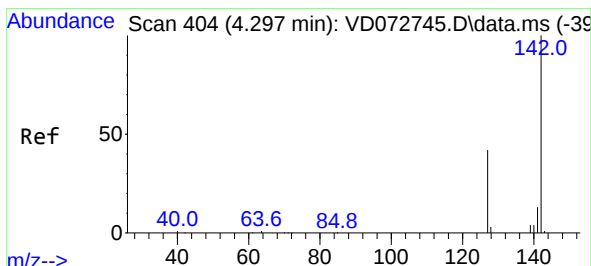
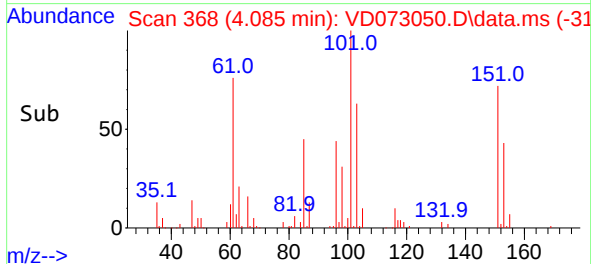
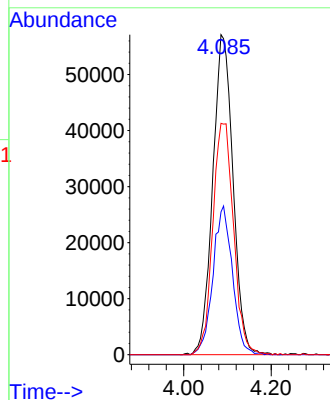
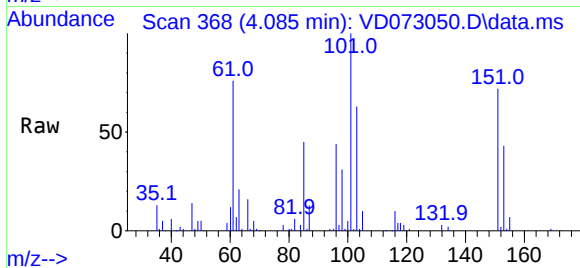
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.125 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 18384
Ion Ratio Lower Upper
101 100
85 44.6 36.4 54.6
151 74.2 57.3 85.9

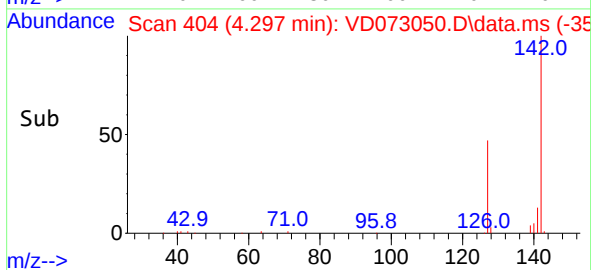
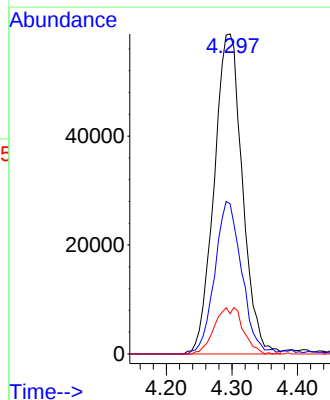
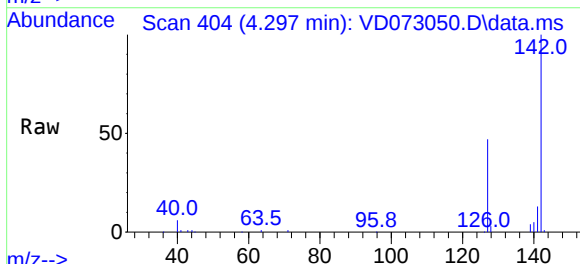
Manual Integrations
APPROVED

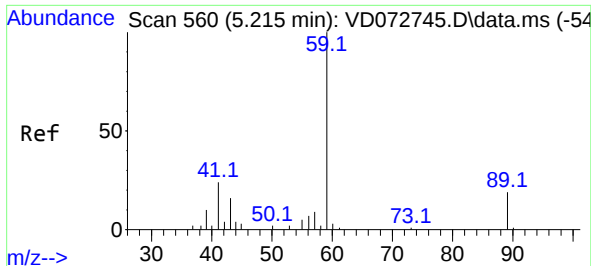
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#10
Methyl Iodide
Concen: 42.028 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

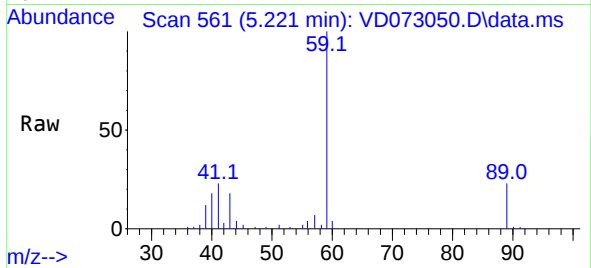
Tgt Ion:142 Resp: 175728
Ion Ratio Lower Upper
142 100
127 45.5 37.3 55.9
141 14.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 241.860 ug/l
RT: 5.221 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

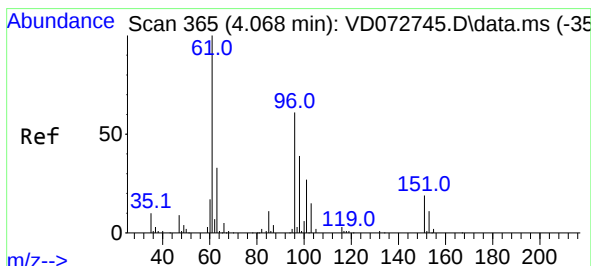
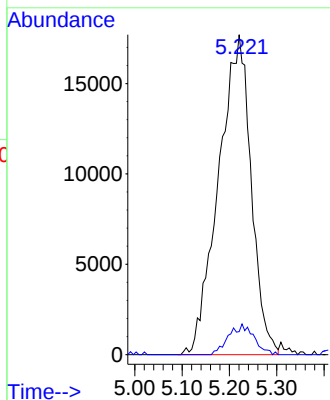
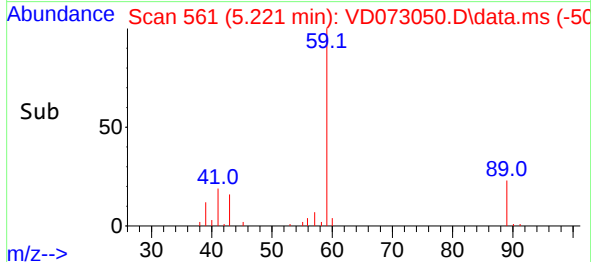
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



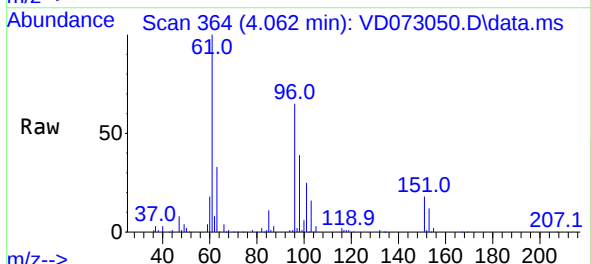
Tgt Ion: 59 Resp: 84420
Ion Ratio Lower Upper
59 100
57 7.4 7.8 11.6

Manual Integrations
APPROVED

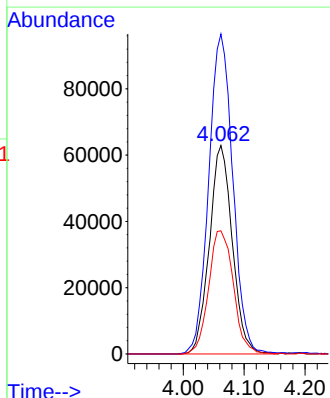
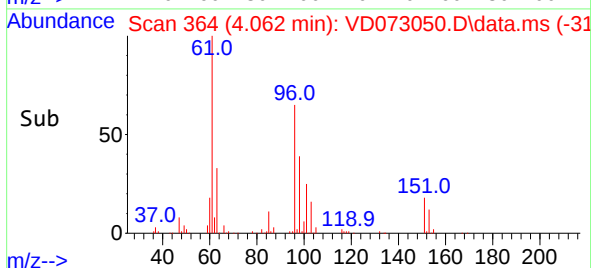
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

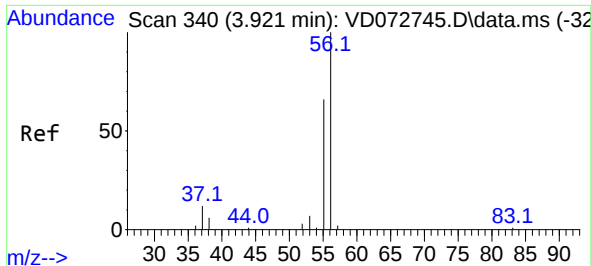


#12
1,1-Dichloroethene
Concen: 43.992 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



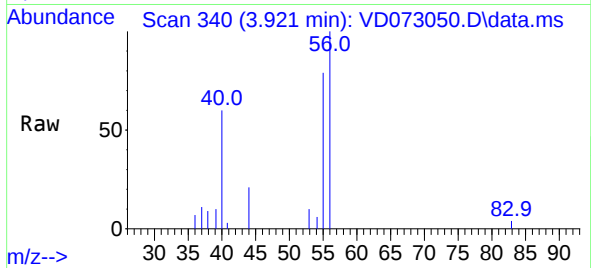
Tgt Ion: 96 Resp: 164861
Ion Ratio Lower Upper
96 100
61 153.5 138.5 207.7
98 59.1 48.6 73.0





#13
Acrolein
Concen: 44.336 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

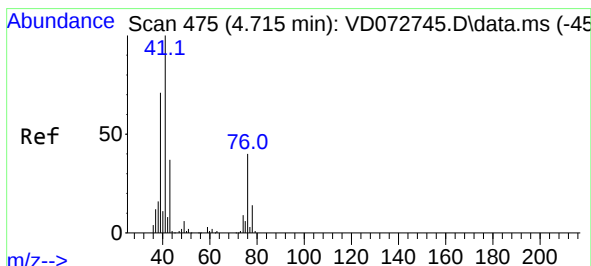
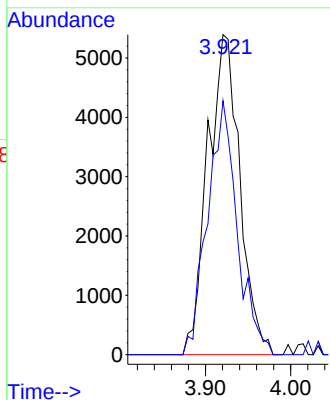
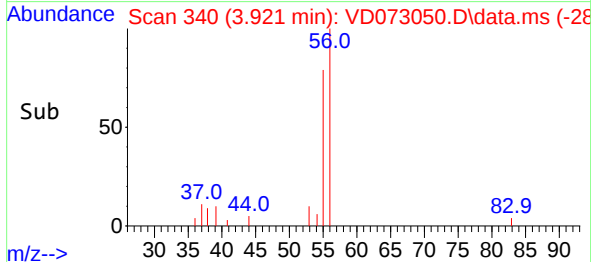
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



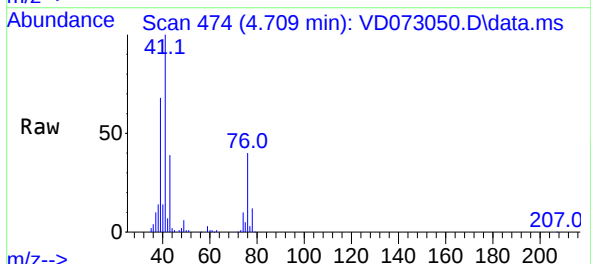
Tgt Ion: 56 Resp: 1411
Ion Ratio Lower Upper
56 100
55 73.6 57.1 85.7

Manual Integrations
APPROVED

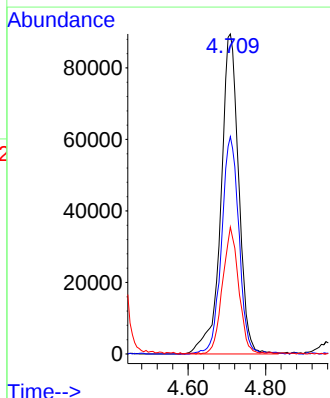
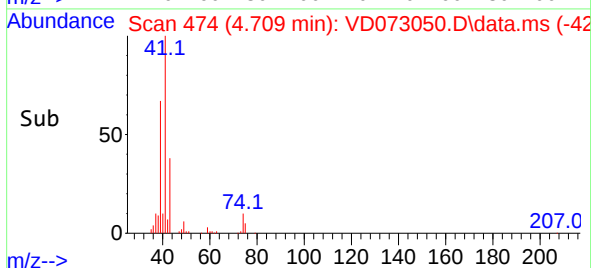
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

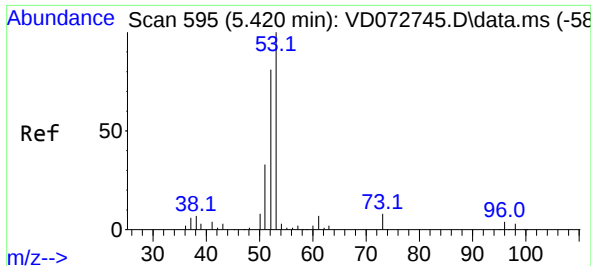


#14
Allyl chloride
Concen: 47.345 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



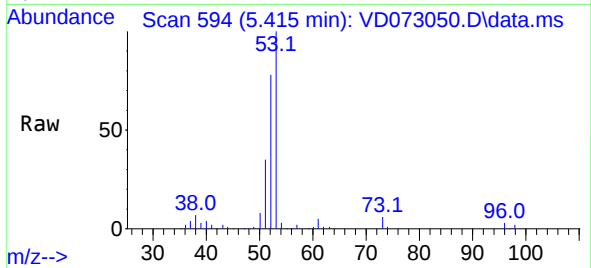
Tgt Ion: 41 Resp: 286449
Ion Ratio Lower Upper
41 100
39 66.0 59.3 88.9
76 36.0 25.7 38.5





#15
Acrylonitrile
Concen: 234.780 ug/l
RT: 5.415 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

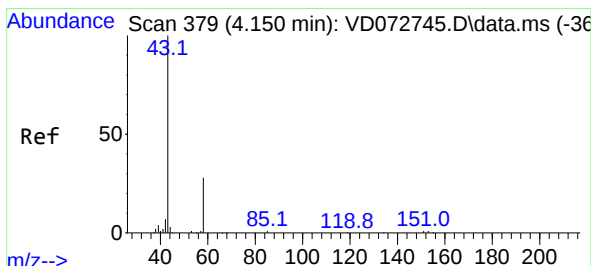
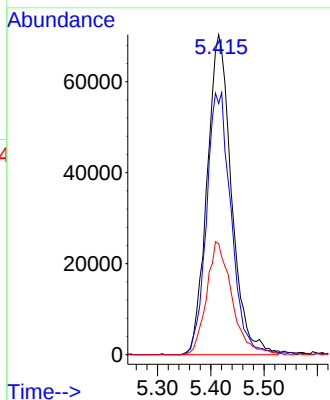
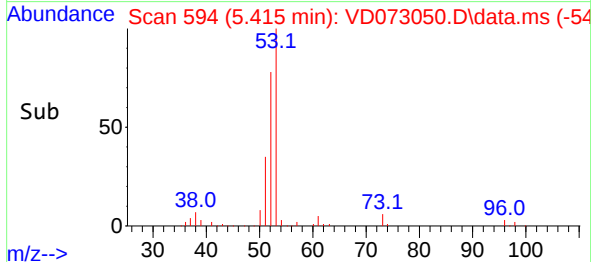
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



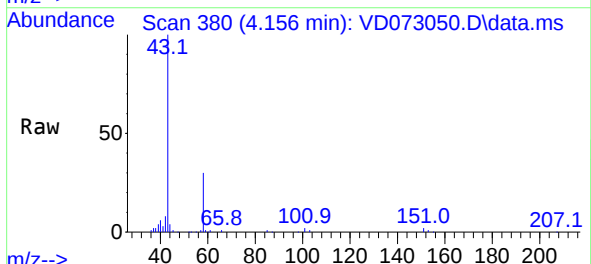
Tgt Ion: 53 Resp: 22448
Ion Ratio Lower Upper
53 100
52 82.6 67.2 100.8
51 36.7 30.3 45.5

Manual Integrations
APPROVED

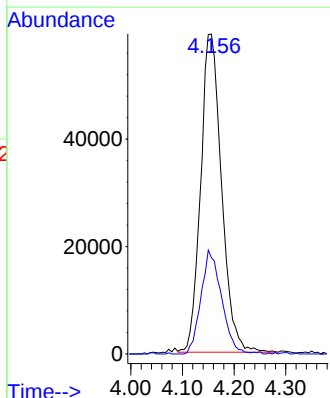
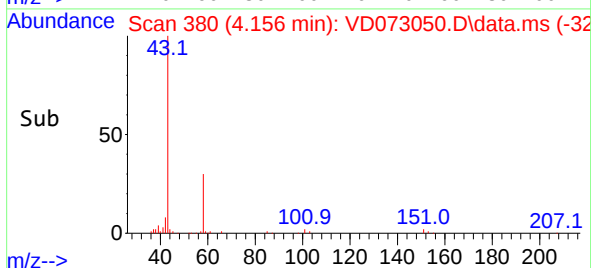
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

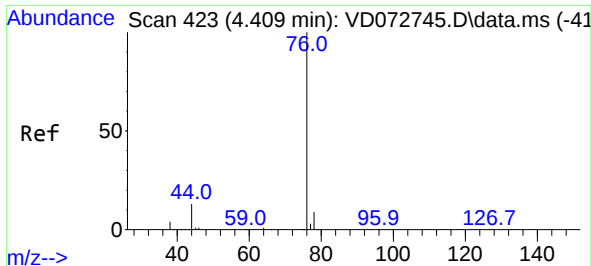


#16
Acetone
Concen: 219.044 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



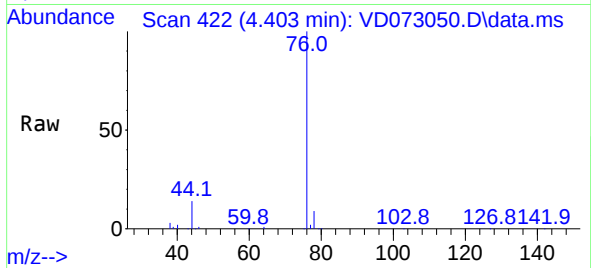
Tgt Ion: 43 Resp: 166702
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1





#17
Carbon Disulfide
Concen: 38.896 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

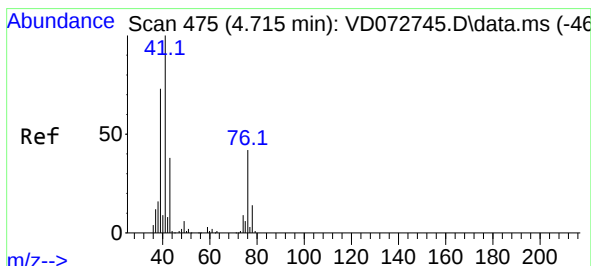
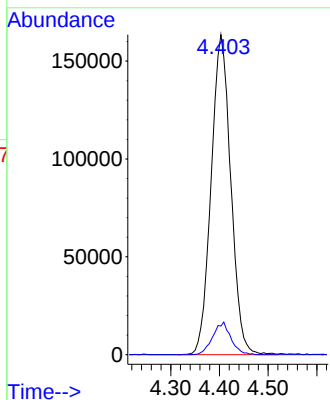
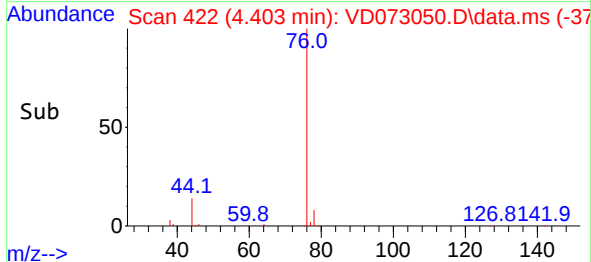
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



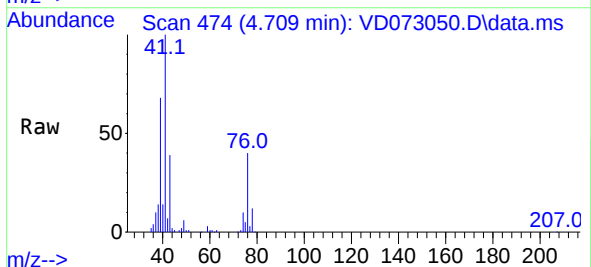
Tgt Ion: 76 Resp: 458318
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
APPROVED

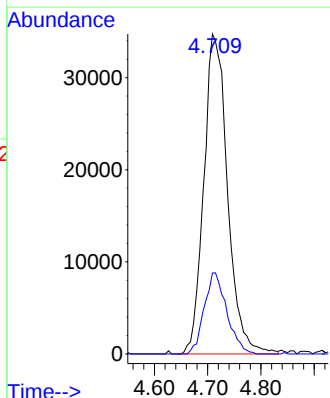
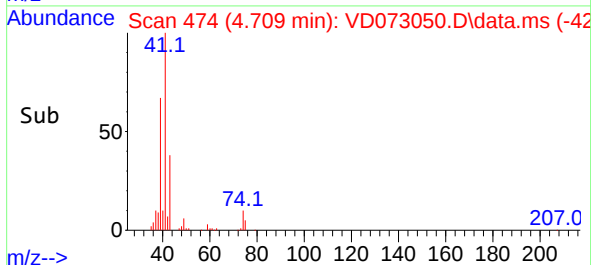
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#18
Methyl Acetate
Concen: 49.063 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



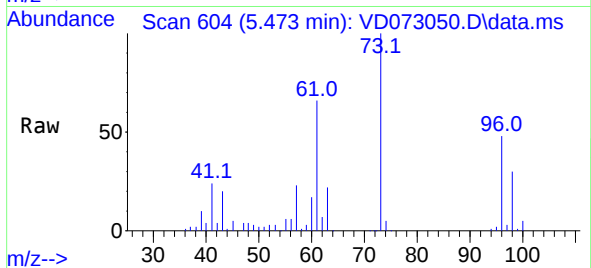
Tgt Ion: 43 Resp: 107716
Ion Ratio Lower Upper
43 100
74 24.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 49.471 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

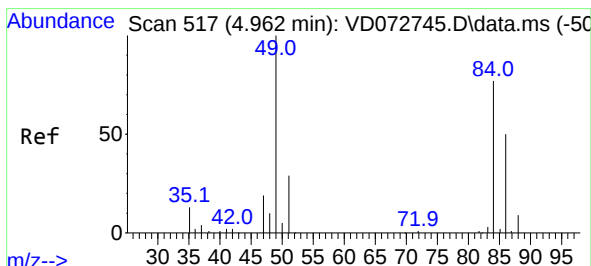
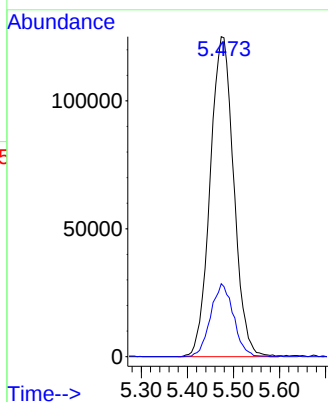
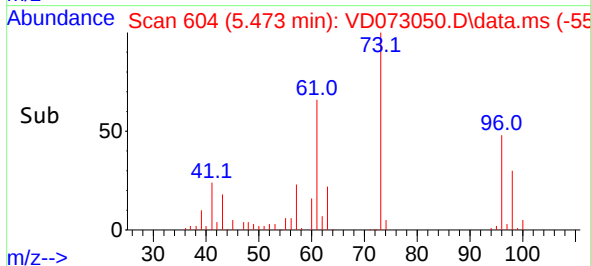
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



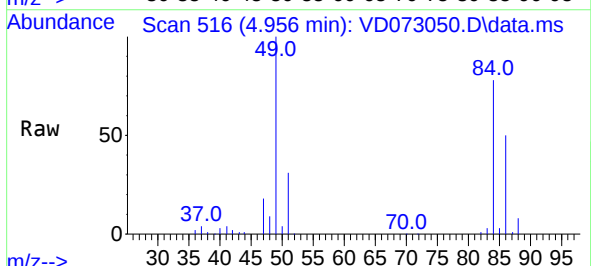
Tgt Ion: 73 Resp: 444439
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0

Manual Integrations
APPROVED

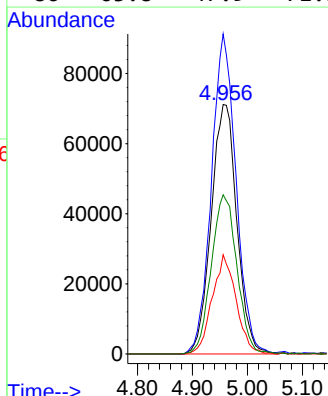
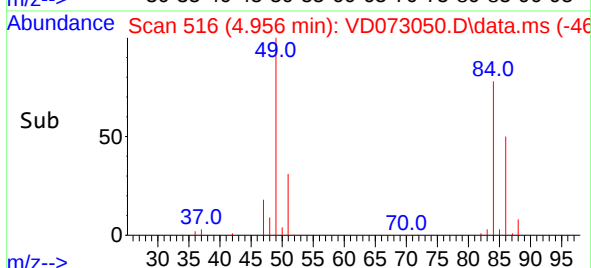
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

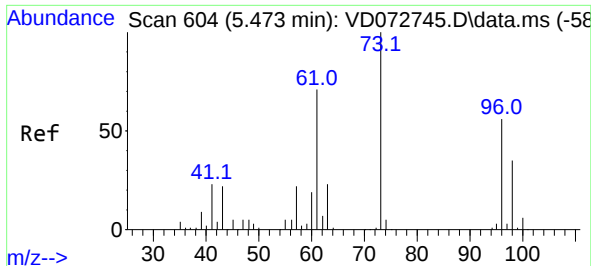


#20
Methylene Chloride
Concen: 47.525 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



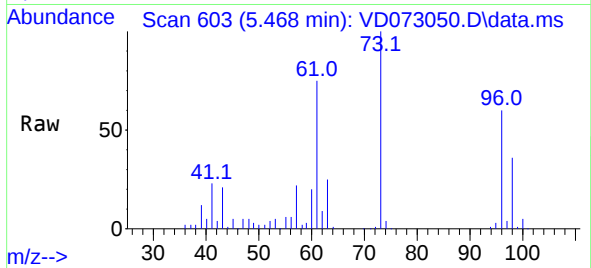
Tgt Ion: 84 Resp: 230830
Ion Ratio Lower Upper
84 100
49 128.3 112.8 169.2
51 39.8 32.6 48.8
86 63.8 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 45.951 ug/l
RT: 5.468 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

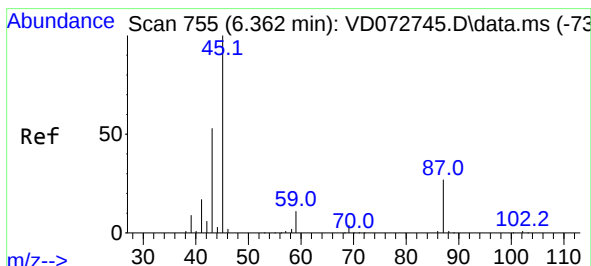
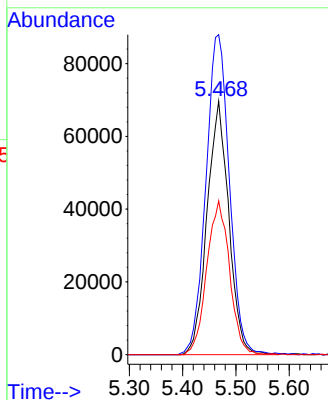
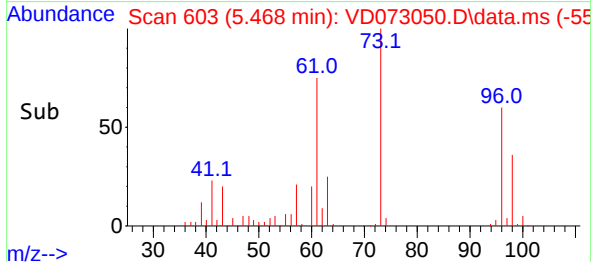
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



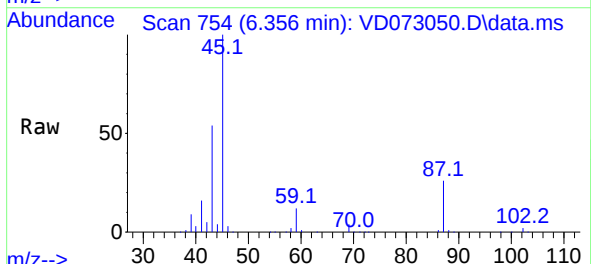
Tgt Ion: 96 Resp: 197494
Ion Ratio Lower Upper
96 100
61 126.2 117.9 176.9
98 60.7 49.4 74.2

Manual Integrations
APPROVED

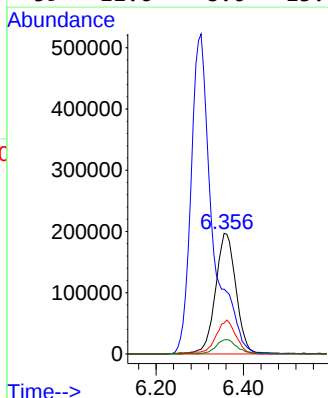
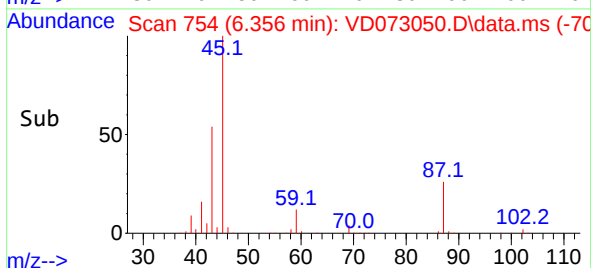
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

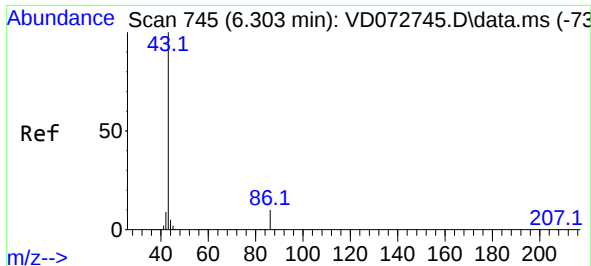


#22
Diisopropyl ether
Concen: 48.044 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



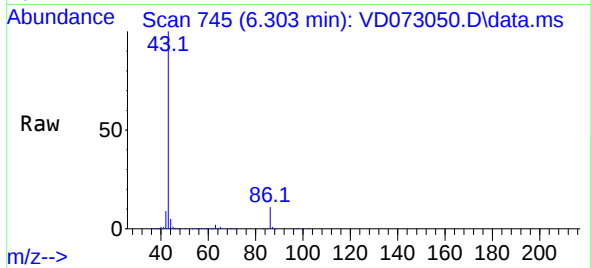
Tgt Ion: 45 Resp: 639434
Ion Ratio Lower Upper
45 100
43 53.0 46.6 70.0
87 25.5 18.4 27.6
59 11.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 240.883 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073050.D
 Acq: 16 May 2022 22:29

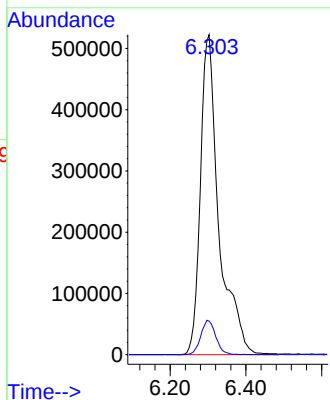
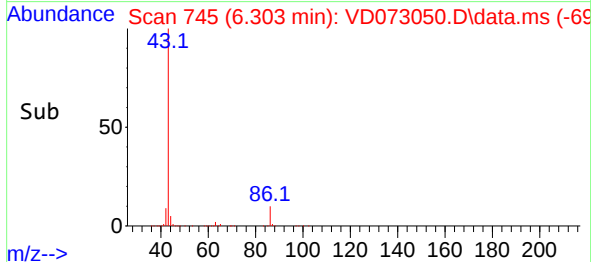
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



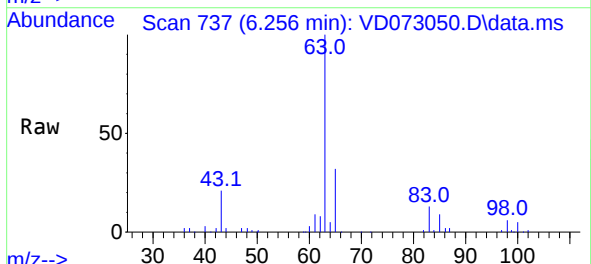
Tgt Ion: 43 Resp: 1771036
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

Manual Integrations
 APPROVED

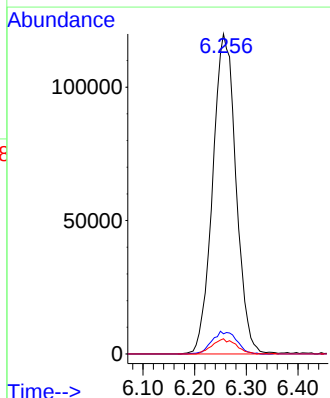
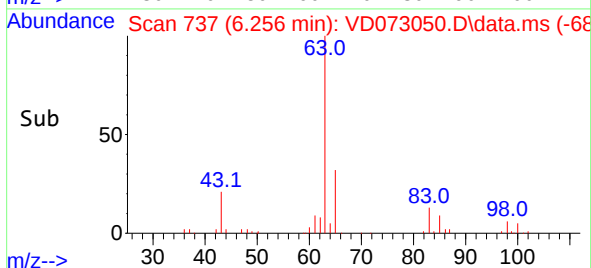
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022

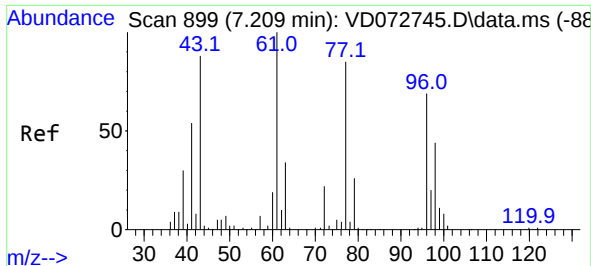


#24
 1,1-Dichloroethane
 Concen: 47.004 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073050.D
 Acq: 16 May 2022 22:29



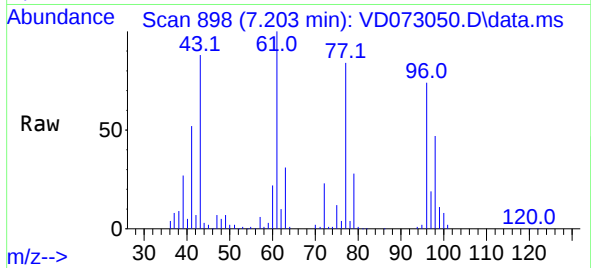
Tgt Ion: 63 Resp: 375856
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 232.591 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

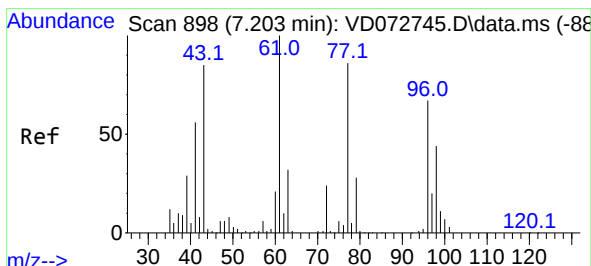
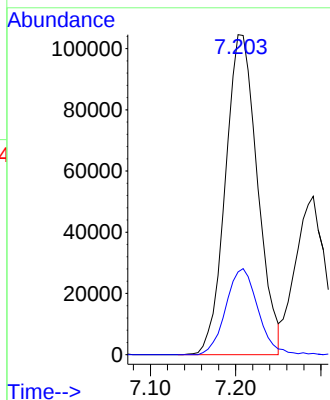
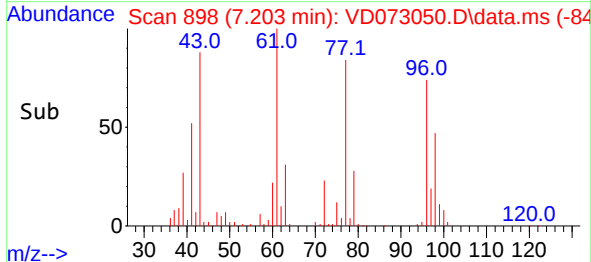
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



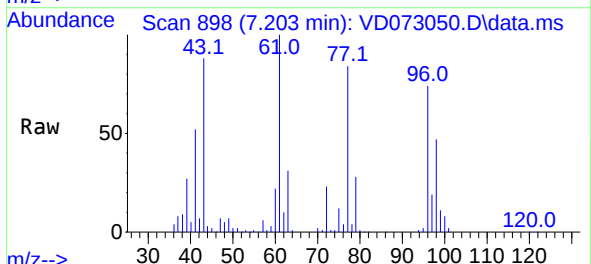
Tgt Ion: 43 Resp: 273399
Ion Ratio Lower Upper
43 100
72 25.8 18.6 27.8

Manual Integrations
APPROVED

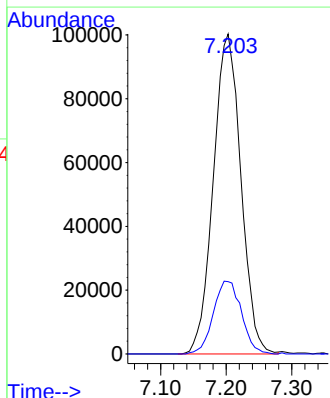
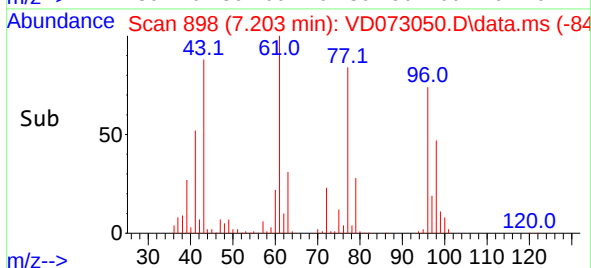
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

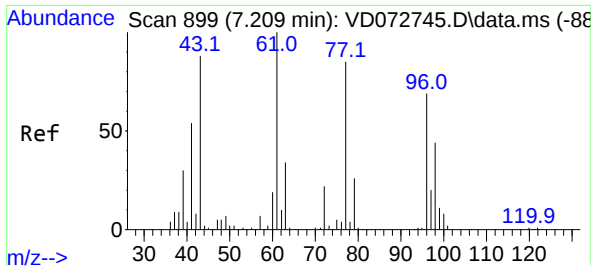


#26
2,2-Dichloropropane
Concen: 43.318 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion: 77 Resp: 292828
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4





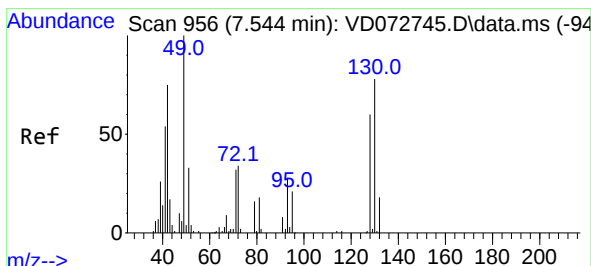
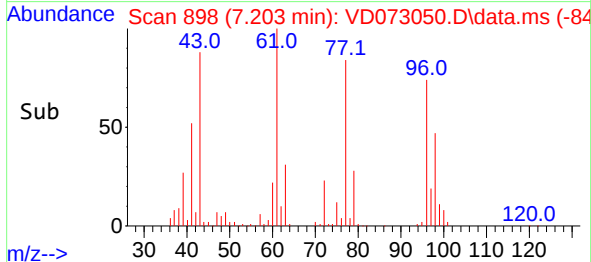
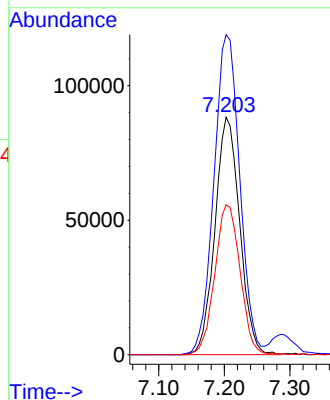
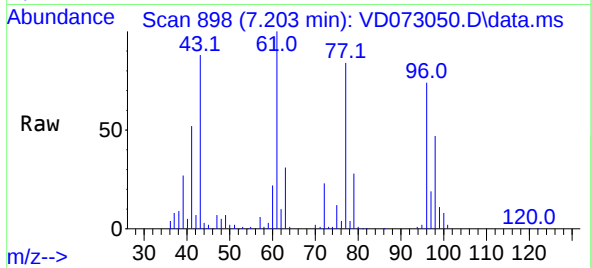
#27
cis-1,2-Dichloroethene
Concen: 47.002 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 231370
Ion Ratio Lower Upper
96 100
61 141.1 0.0 313.8
98 64.5 0.0 128.8

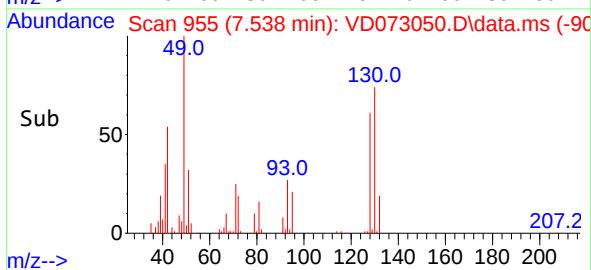
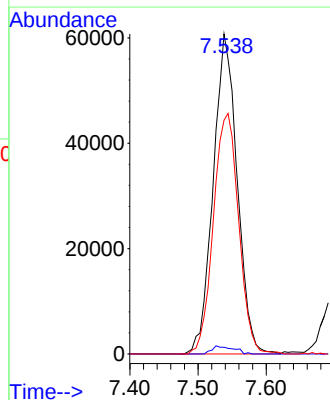
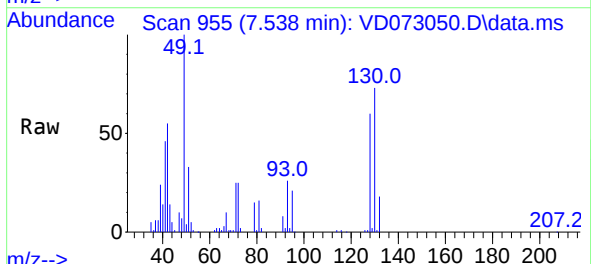
Manual Integrations
APPROVED

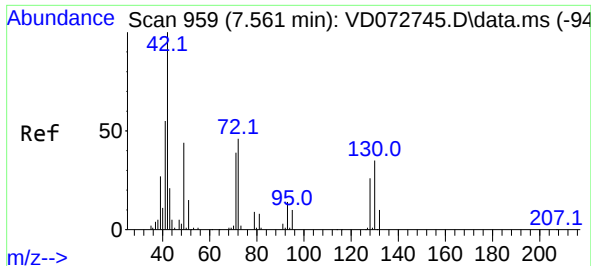
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#28
Bromochloromethane
Concen: 49.882 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

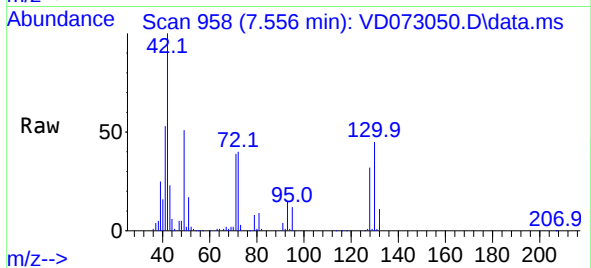
Tgt Ion: 49 Resp: 148743
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 79.2 52.6 79.0#





#29
Tetrahydrofuran
Concen: 246.924 ug/l
RT: 7.556 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

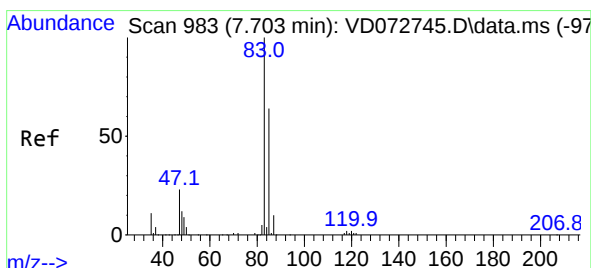
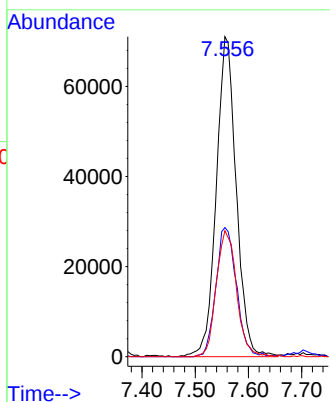
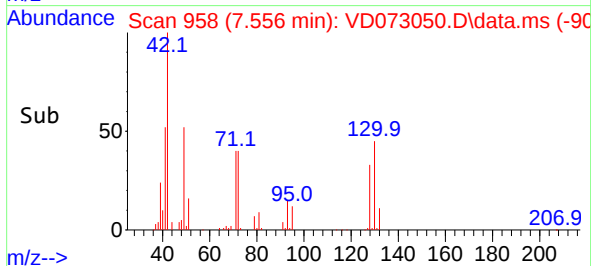
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



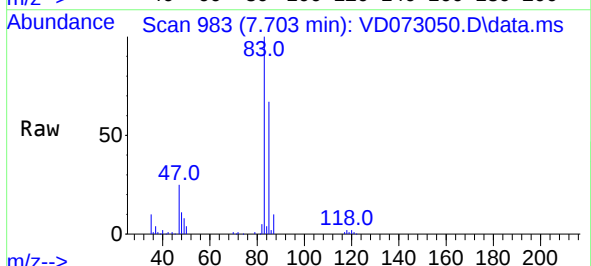
Tgt Ion: 42 Resp: 185004
Ion Ratio Lower Upper
42 100
72 41.7 30.7 46.1
71 40.1 28.6 43.0

Manual Integrations
APPROVED

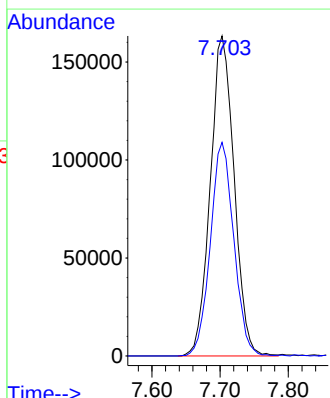
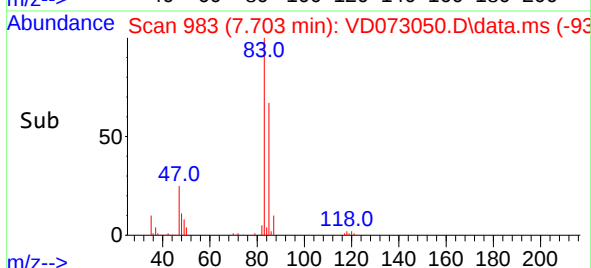
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

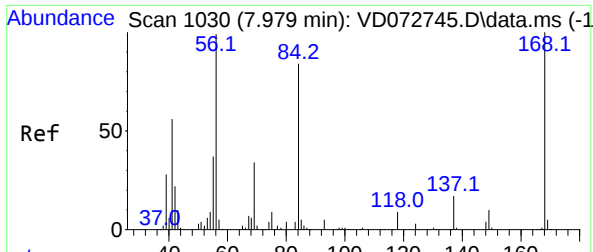


#30
Chloroform
Concen: 46.938 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



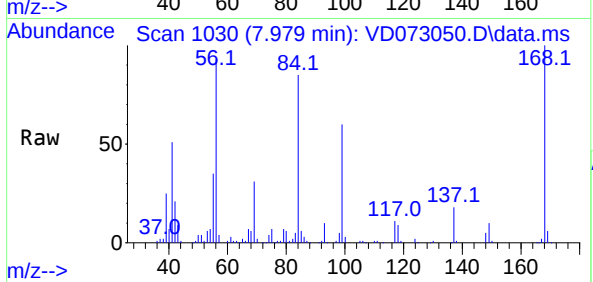
Tgt Ion: 83 Resp: 397143
Ion Ratio Lower Upper
83 100
85 66.8 52.7 79.1





#31
Cyclohexane
Concen: 41.989 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

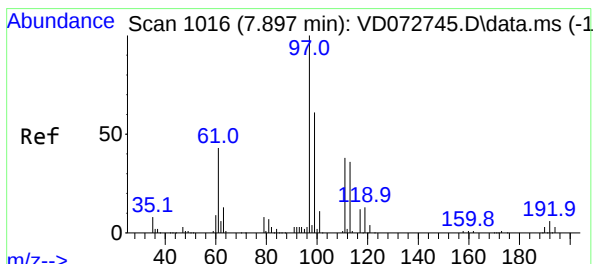
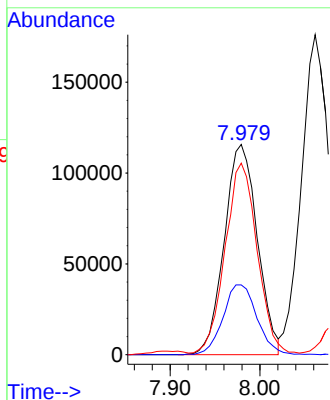
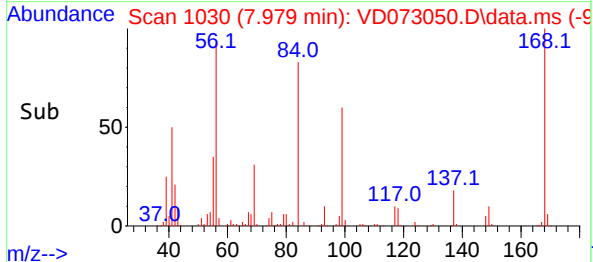
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



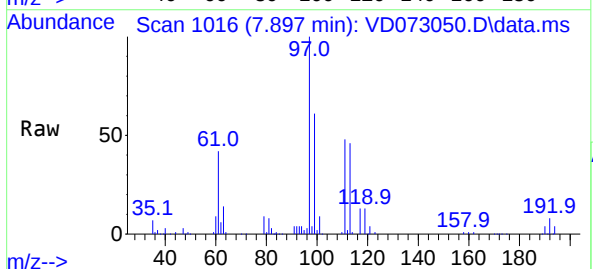
Tgt Ion: 56 Resp: 296114
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.2
84 89.4 63.0 94.4

Manual Integrations
APPROVED

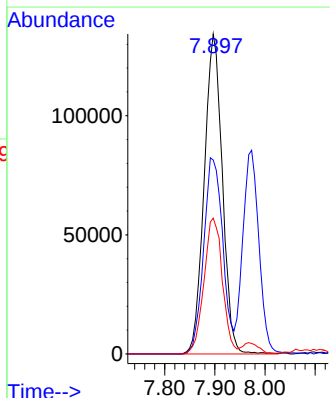
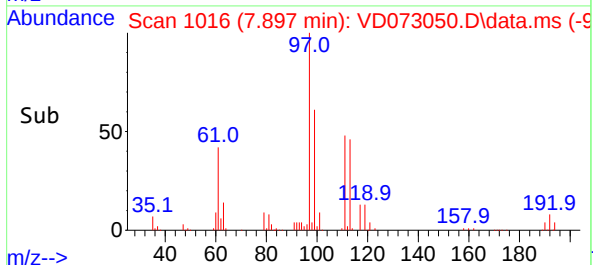
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

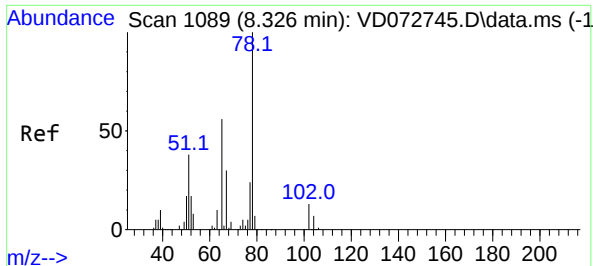


#32
1,1,1-Trichloroethane
Concen: 46.847 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion: 97 Resp: 337818
Ion Ratio Lower Upper
97 100
99 64.5 52.4 78.6
61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.410 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 18319

Ion Ratio Lower Upper

65 100

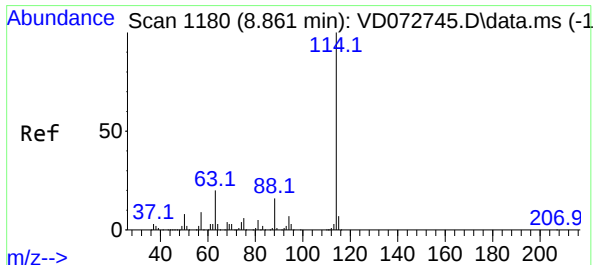
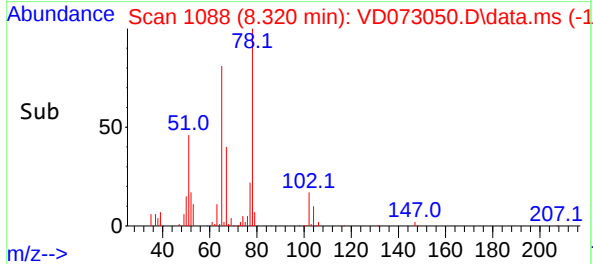
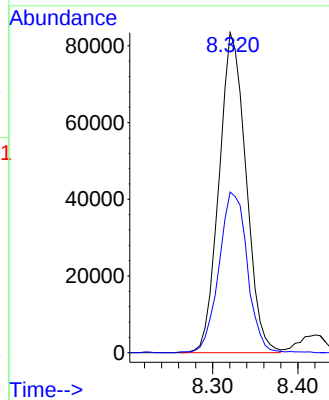
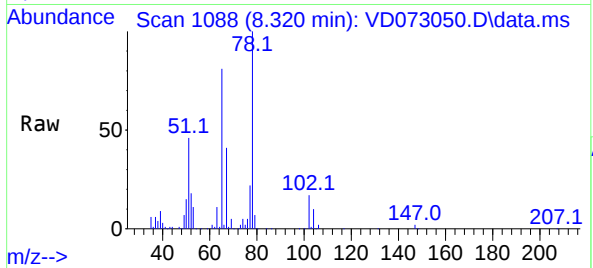
67 52.9 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

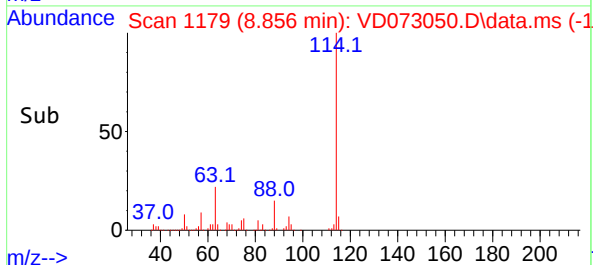
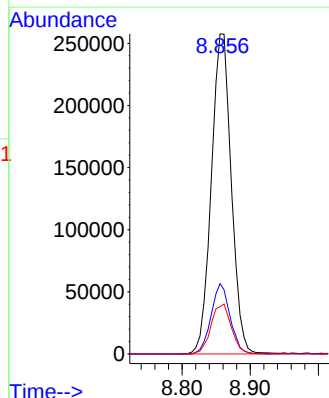
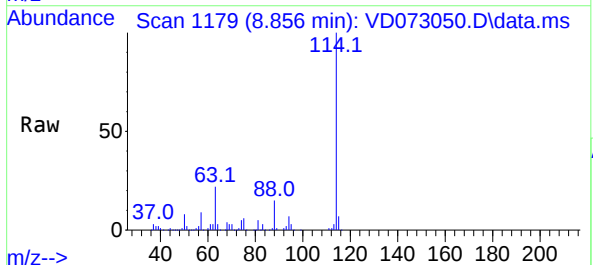
Tgt Ion:114 Resp: 524552

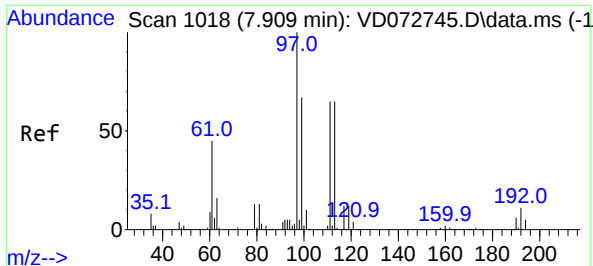
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

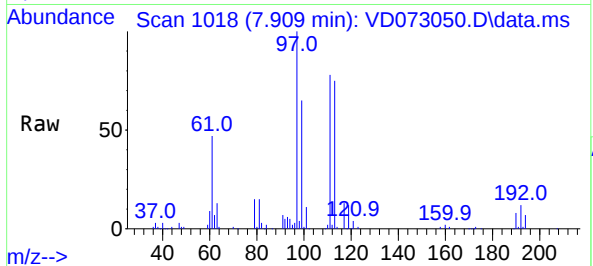
88 14.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.537 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

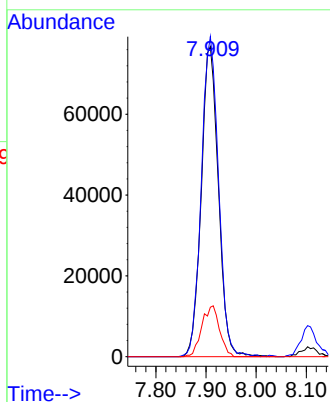
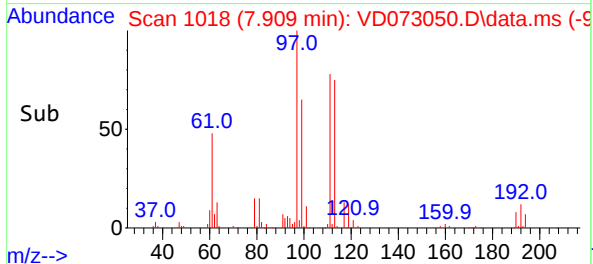
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



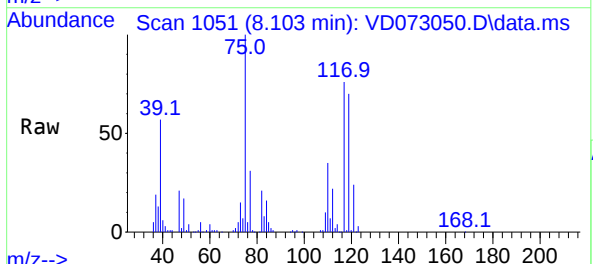
Tgt Ion: 113 Resp: 182492
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 17.0 14.6 21.8

Manual Integrations
APPROVED

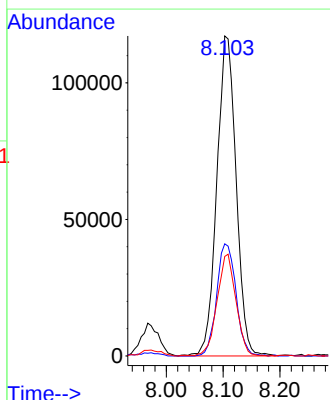
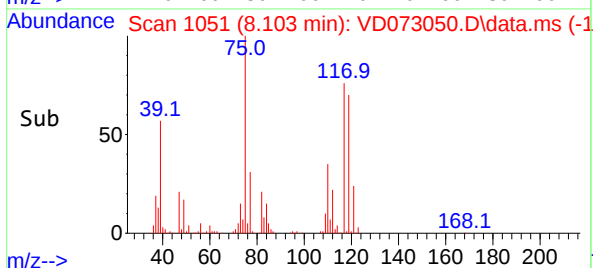
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

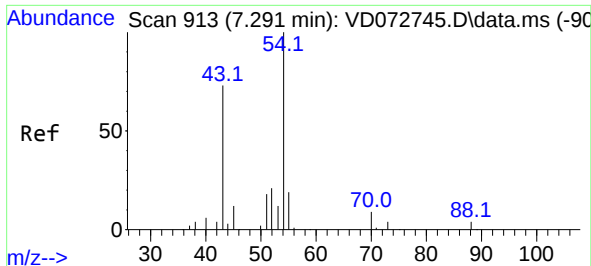


#36
1,1-Dichloropropene
Concen: 46.217 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion: 75 Resp: 276854
Ion Ratio Lower Upper
75 100
110 35.1 16.4 49.1
77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 47.595 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 131063

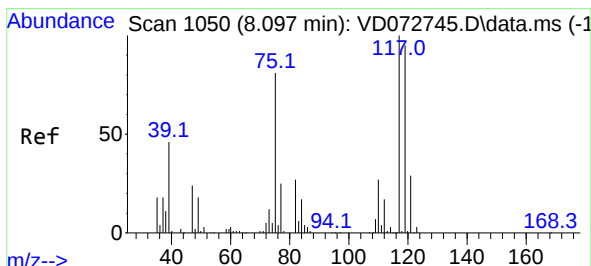
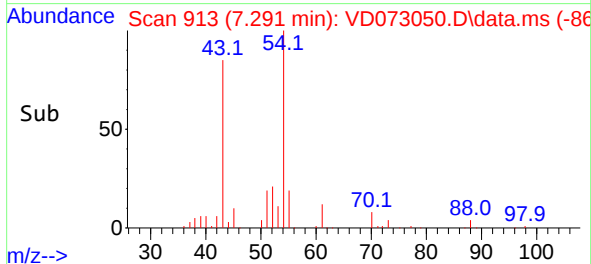
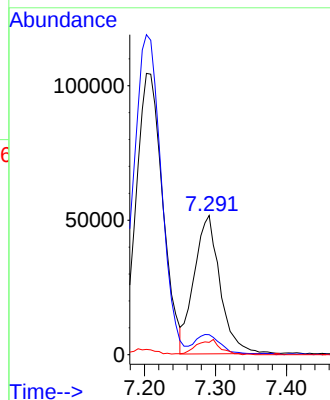
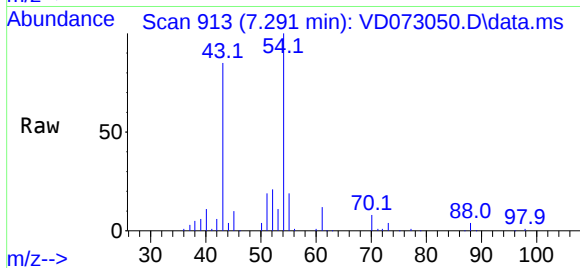
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.8	14.8
70	9.7	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#38

Carbon Tetrachloride

Concen: 45.806 ug/l

RT: 8.091 min Scan# 1049

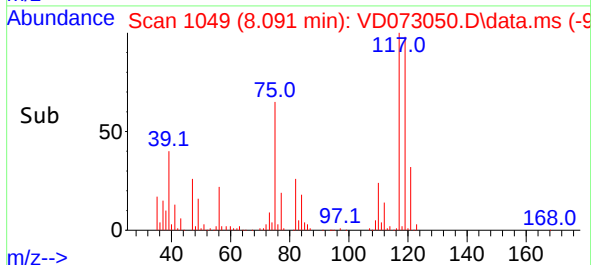
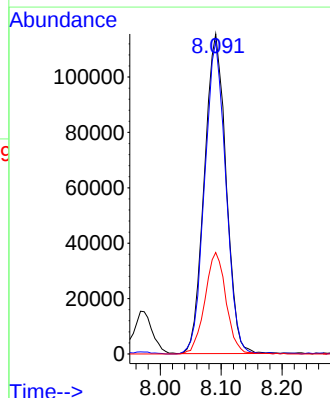
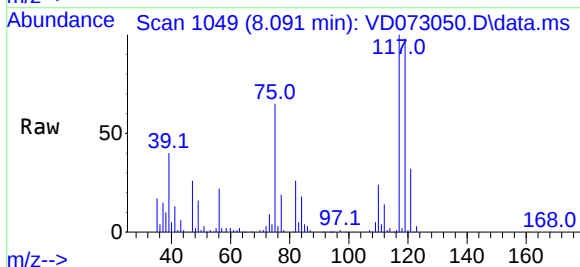
Delta R.T. -0.006 min

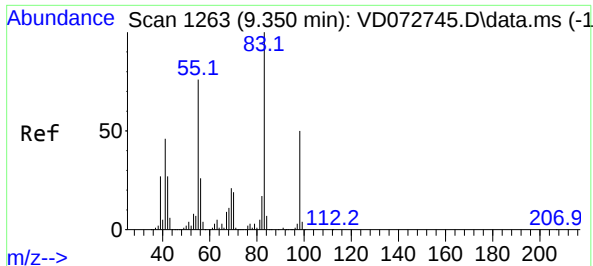
Lab File: VD073050.D

Acq: 16 May 2022 22:29

Tgt Ion:117 Resp: 284830

Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.6
121	31.8	24.5	36.7





#39

Methylcyclohexane

Concen: 44.800 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 311280

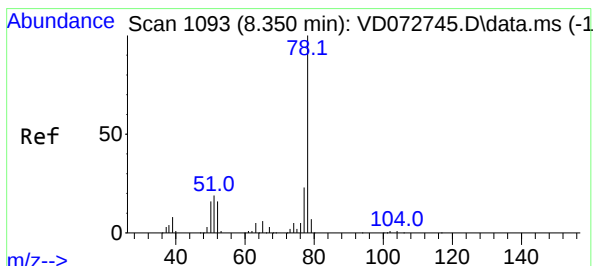
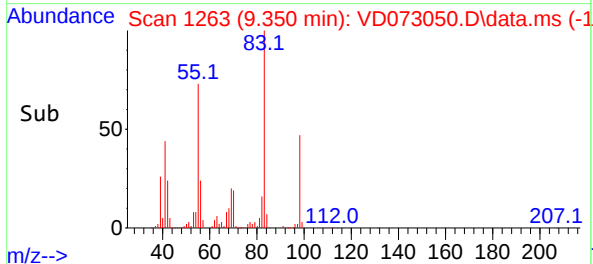
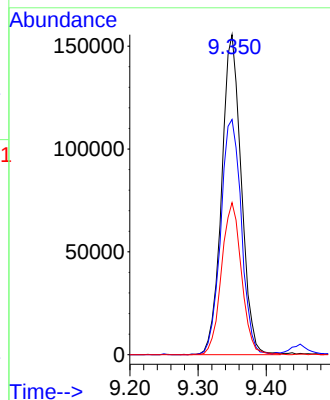
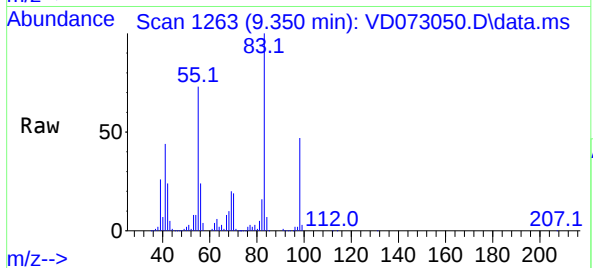
Ion	Ratio	Lower	Upper
83	100		
55	73.5	63.2	94.8
98	47.5	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#40

Benzene

Concen: 47.325 ug/l

RT: 8.344 min Scan# 1092

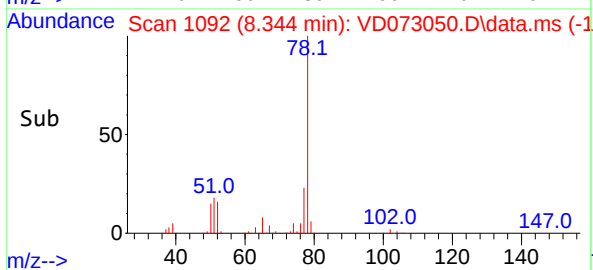
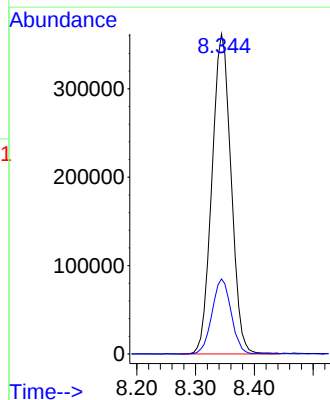
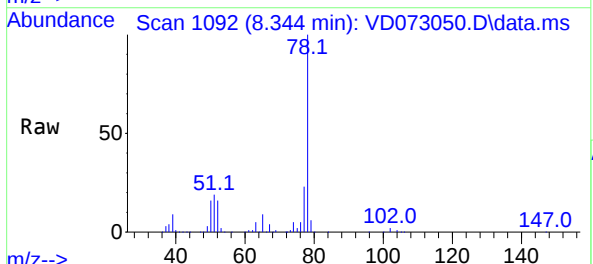
Delta R.T. -0.006 min

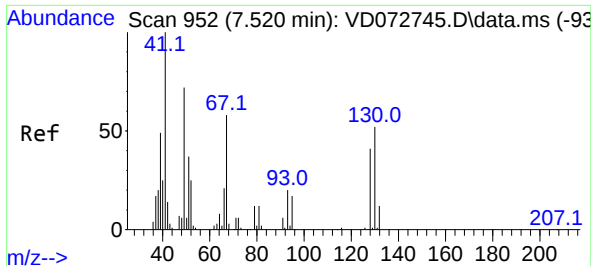
Lab File: VD073050.D

Acq: 16 May 2022 22:29

Tgt Ion: 78 Resp: 818662

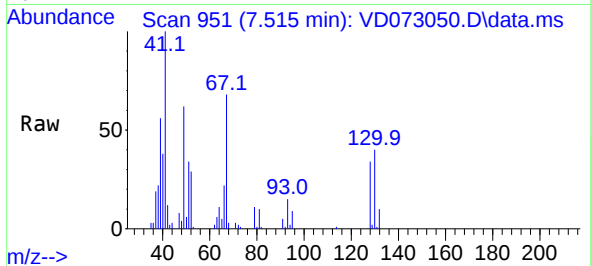
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





#41
Methacrylonitrile
Concen: 41.867 ug/l
RT: 7.515 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

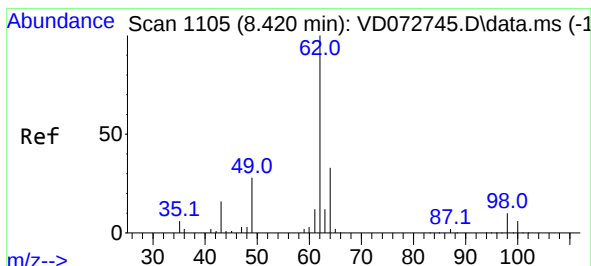
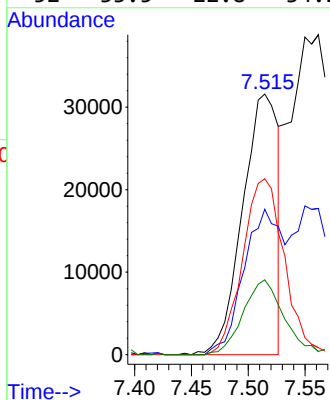
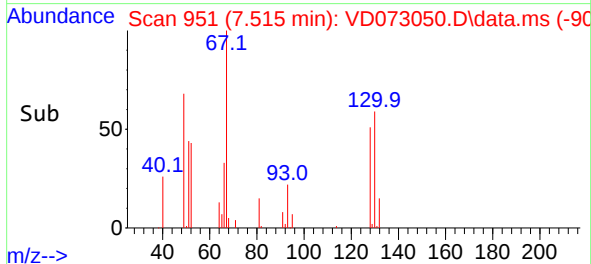
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 68649
Ion Ratio Lower Upper
41 100
39 60.7 44.6 67.0
67 79.0 48.2 72.4
52 33.5 22.8 34.2

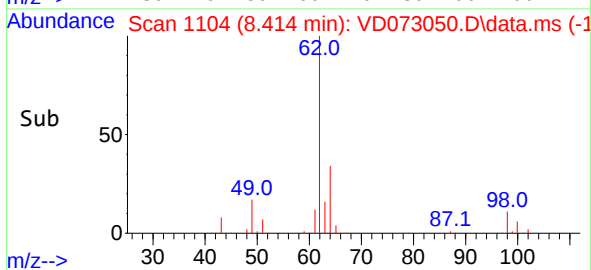
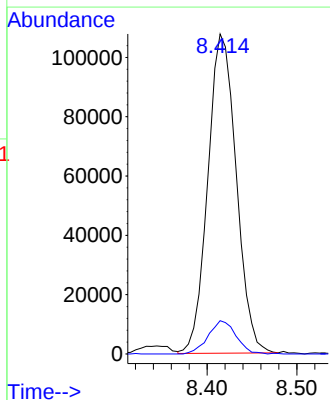
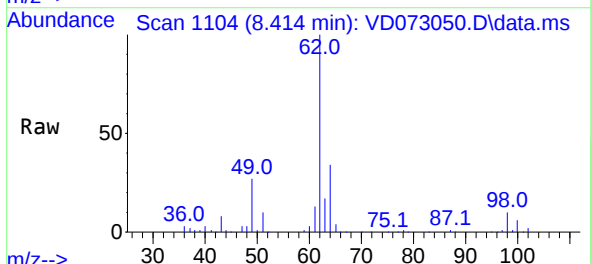
Manual Integrations
APPROVED

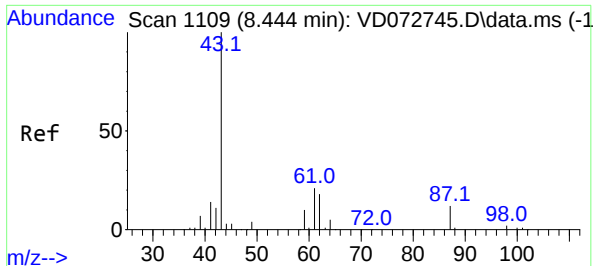
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#42
1,2-Dichloroethane
Concen: 45.475 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

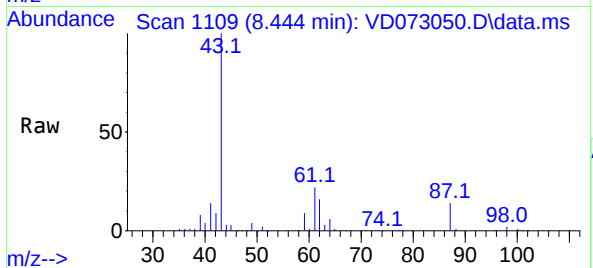
Tgt Ion: 62 Resp: 237059
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.222 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

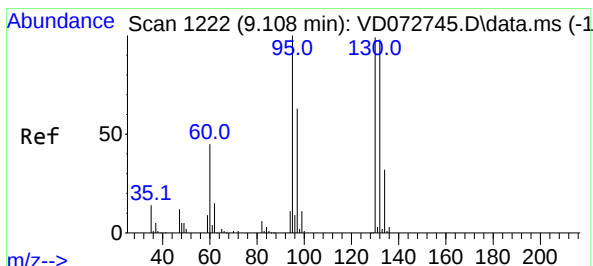
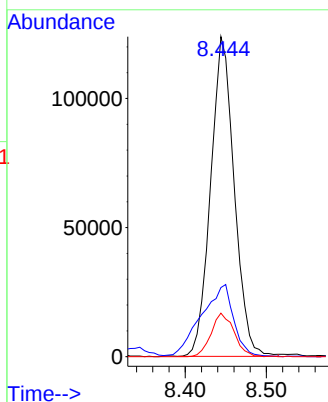
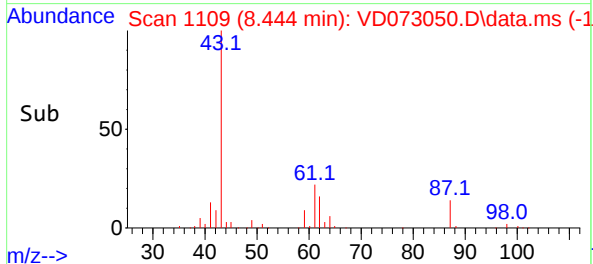
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 25017
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 13.3 8.7 13.1

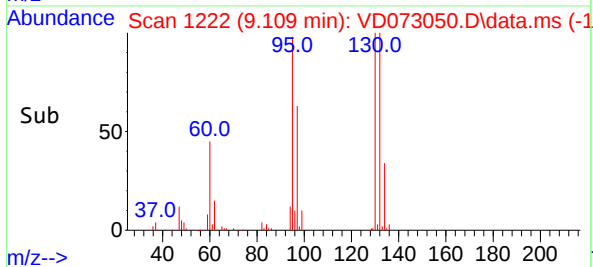
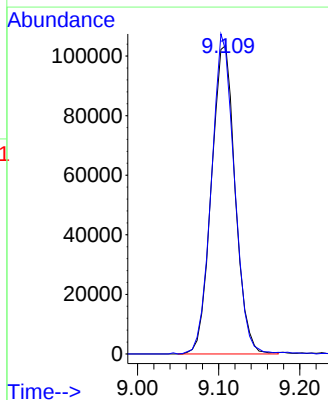
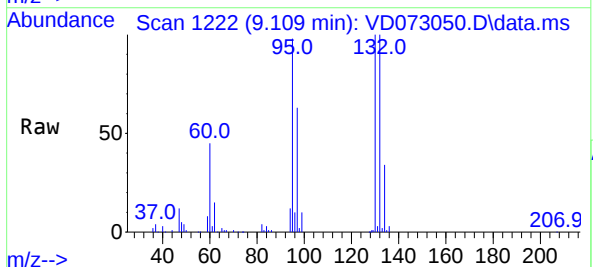
Manual Integrations
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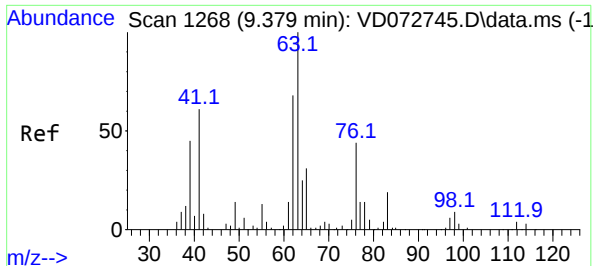
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#44
Trichloroethene
Concen: 45.408 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.001 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Tgt Ion:130 Resp: 210148
Ion Ratio Lower Upper
130 100
95 98.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 47.232 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 214570

Ion Ratio Lower Upper

63 100

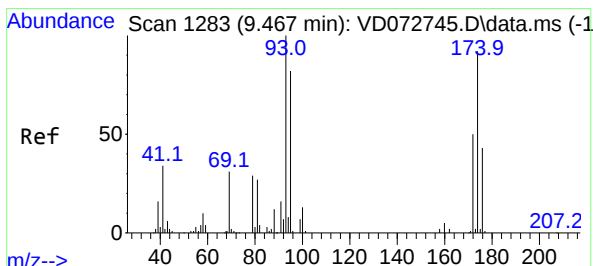
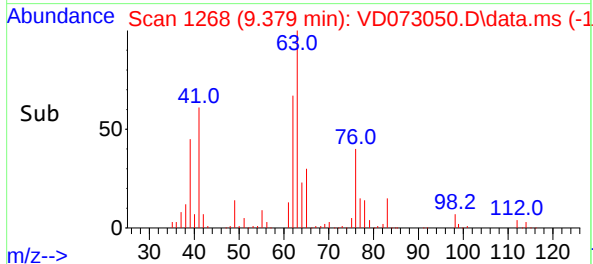
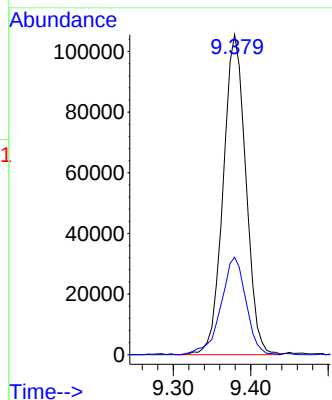
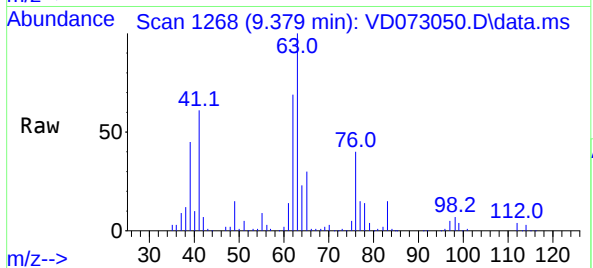
65 30.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#46

Dibromomethane

Concen: 46.409 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

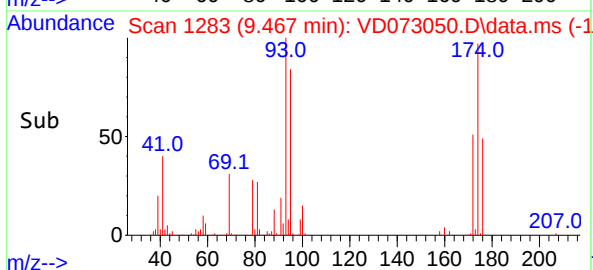
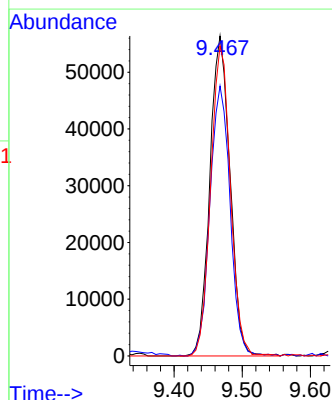
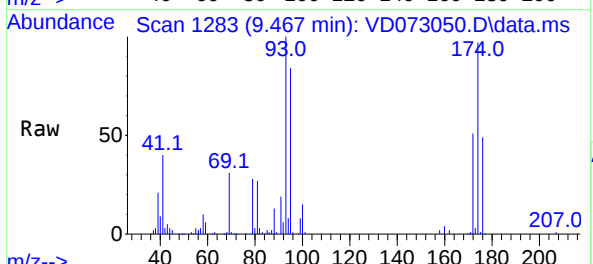
Tgt Ion: 93 Resp: 116302

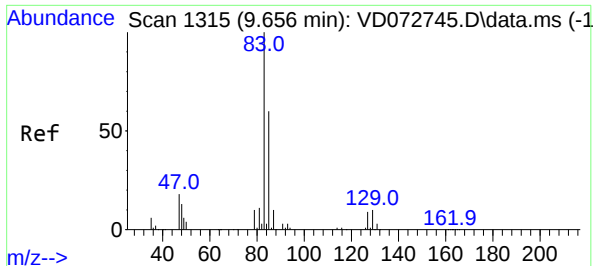
Ion Ratio Lower Upper

93 100

95 84.4 66.7 100.1

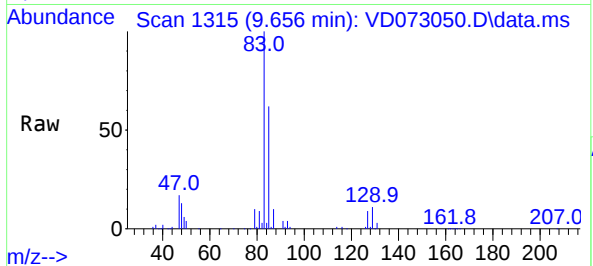
174 94.7 71.6 107.4





#47
Bromodichloromethane
Concen: 46.952 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

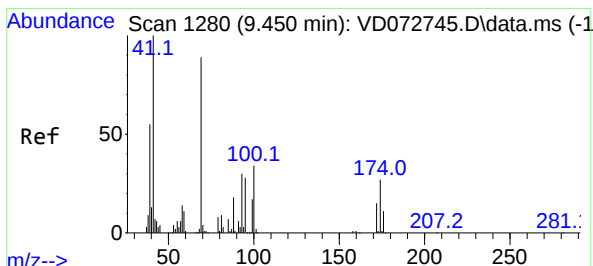
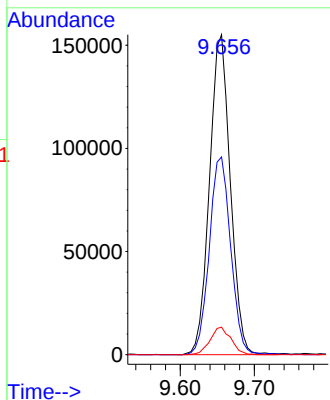
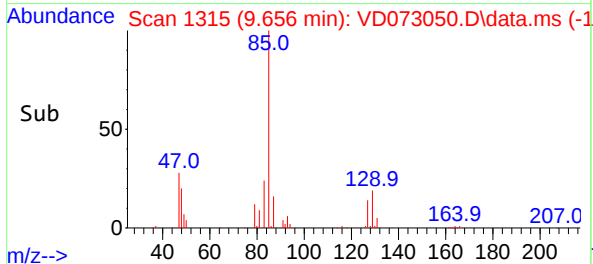
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



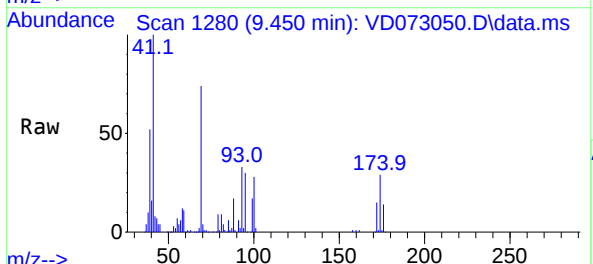
Tgt Ion: 83 Resp: 302689
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.0
127 8.6 6.1 9.1

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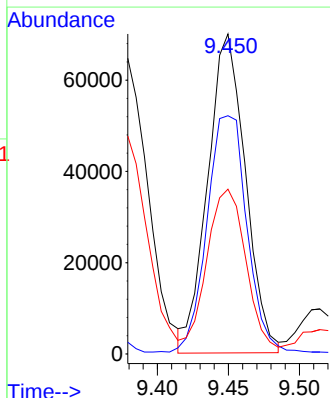
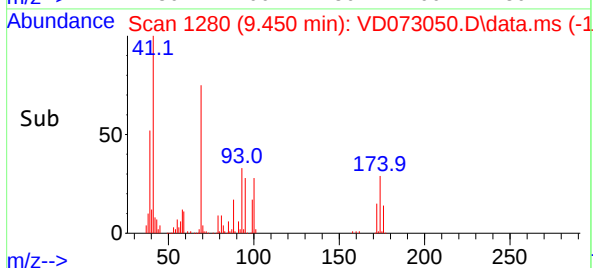
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

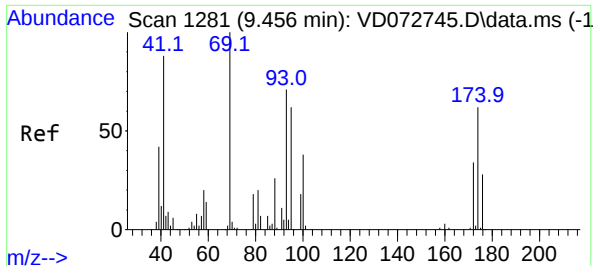


#48
Methyl methacrylate
Concen: 51.975 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



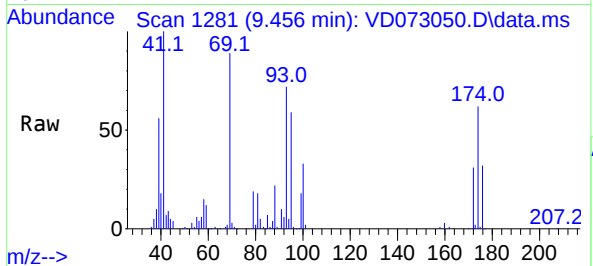
Tgt Ion: 41 Resp: 129236
Ion Ratio Lower Upper
41 100
69 79.2 56.7 85.1
39 54.1 42.7 64.1





#49
1,4-Dioxane
Concen: 942.985 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

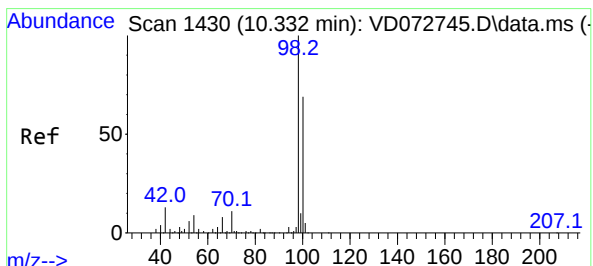
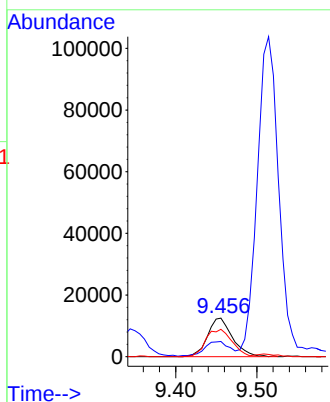
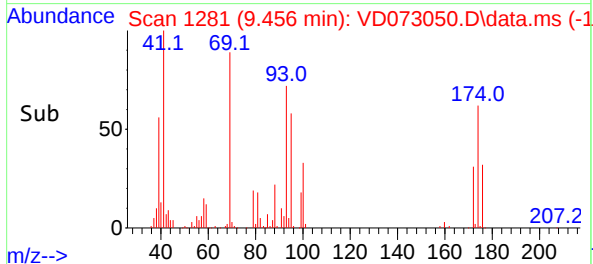
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2661
Ion Ratio Lower Upper
88 100
43 37.4 31.0 46.4
58 74.6 58.1 87.1

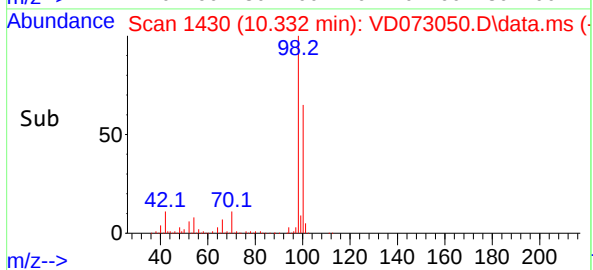
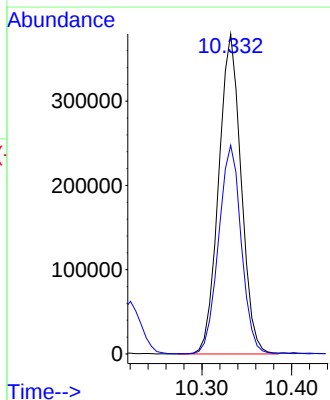
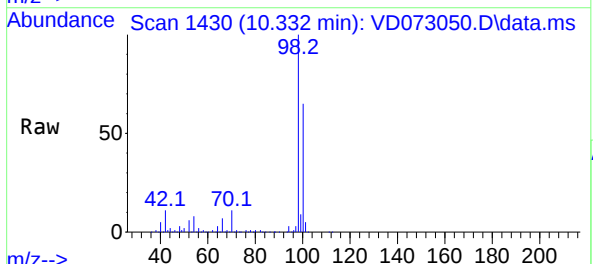
Manual Integrations
APPROVED

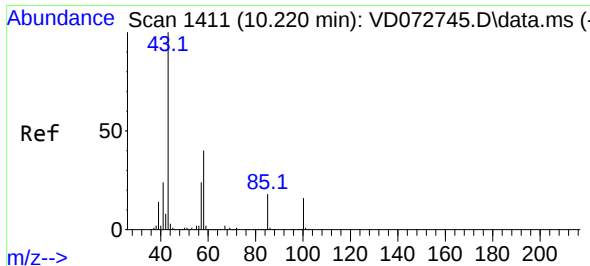
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#50
Toluene-d8
Concen: 49.942 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

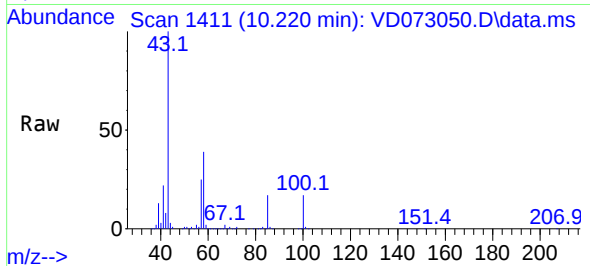
Tgt Ion: 98 Resp: 659971
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 254.605 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

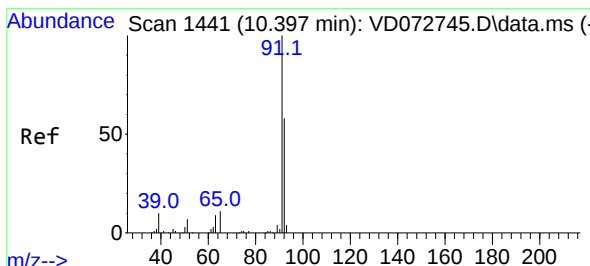
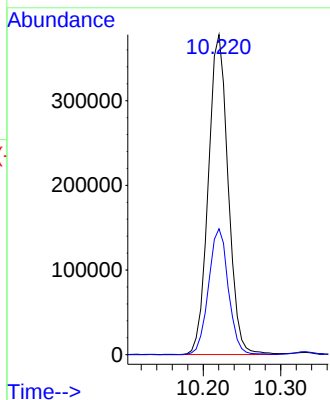
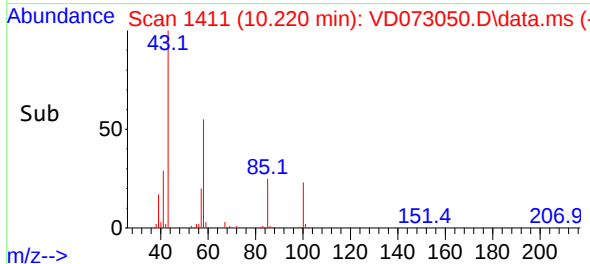
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



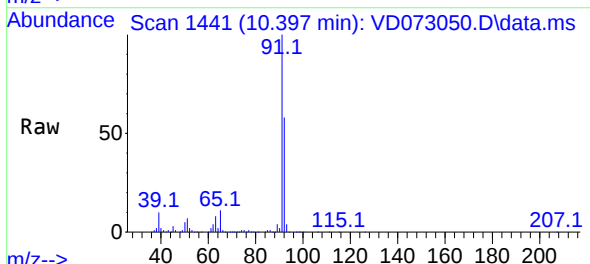
Tgt Ion: 43 Resp: 672439
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0

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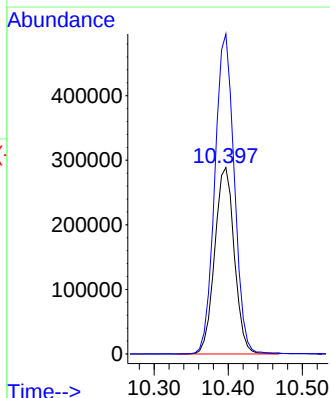
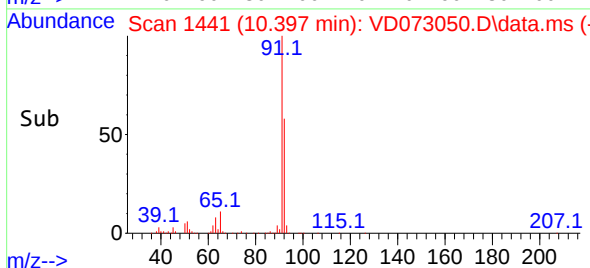
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

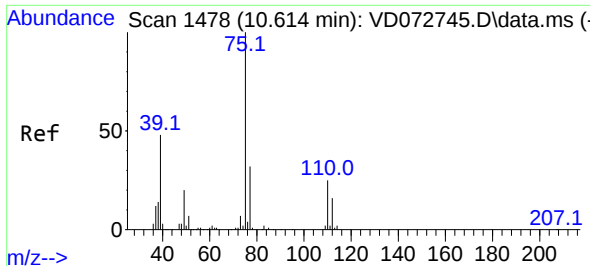


#52
Toluene
Concen: 49.158 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion: 92 Resp: 530463
Ion Ratio Lower Upper
92 100
91 170.7 139.6 209.4





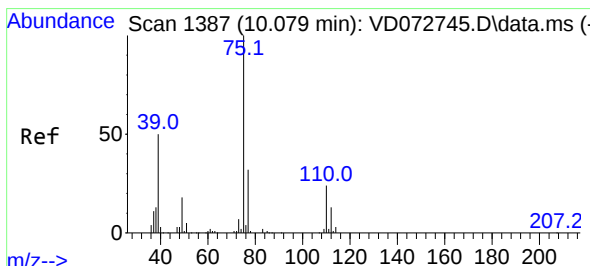
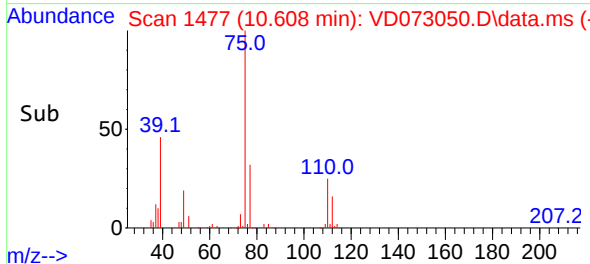
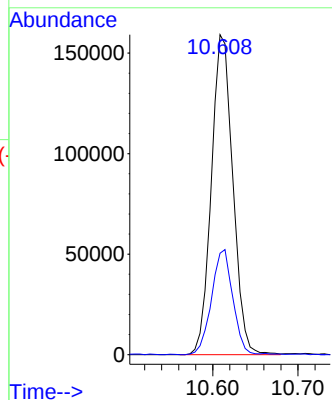
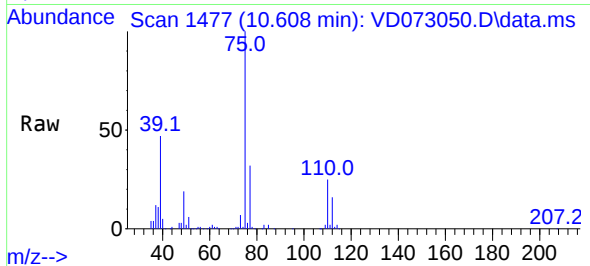
#53
t-1,3-Dichloropropene
Concen: 47.059 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 27866
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7

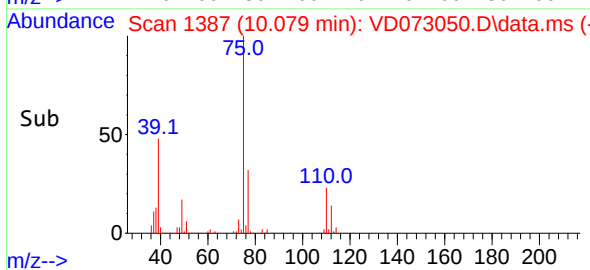
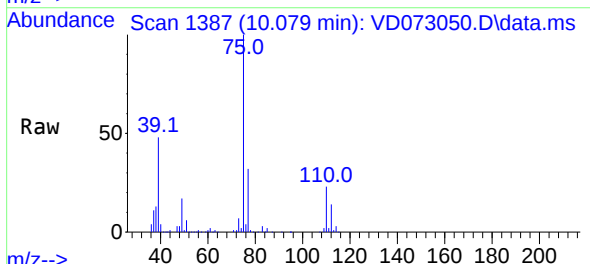
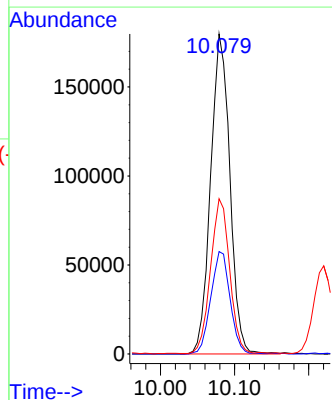
Manual Integrations
APPROVED

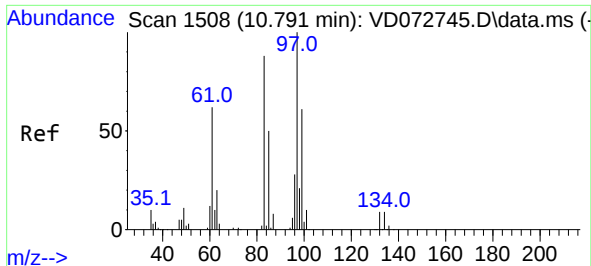
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#54
cis-1,3-Dichloropropene
Concen: 47.055 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

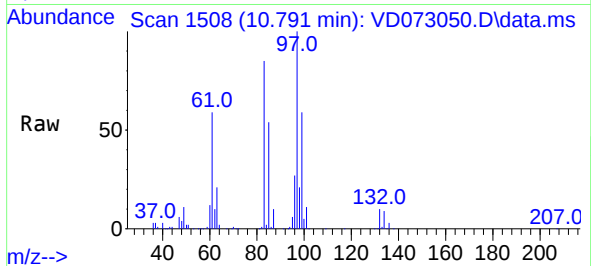
Tgt Ion: 75 Resp: 323725
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 48.3 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 48.096 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

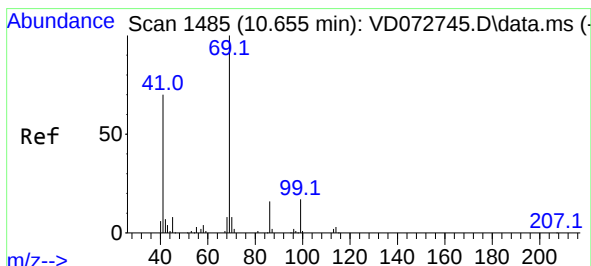
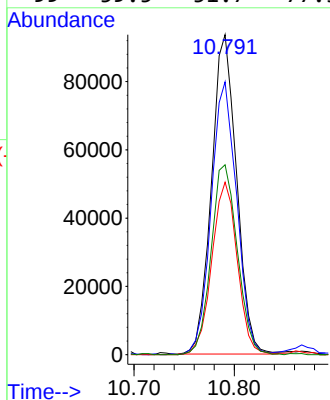
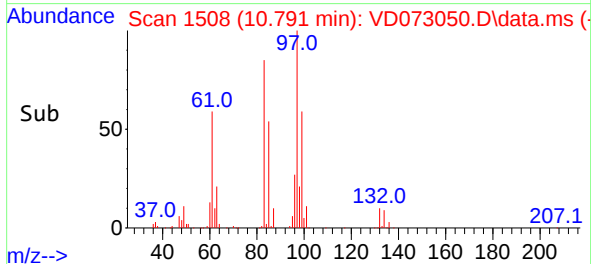


Tgt Ion: 97 Resp: 162939

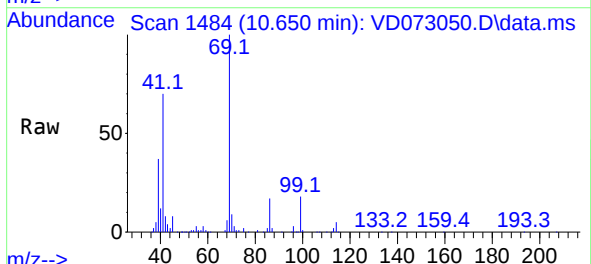
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.0	103.4
85	54.0	42.6	63.8
99	59.5	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

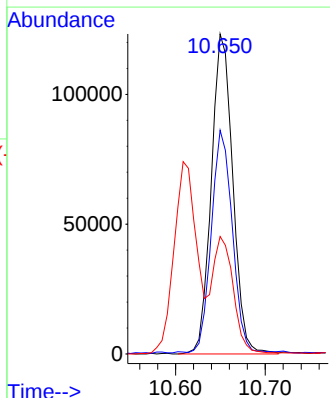
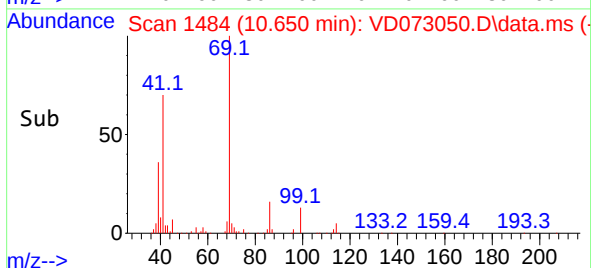


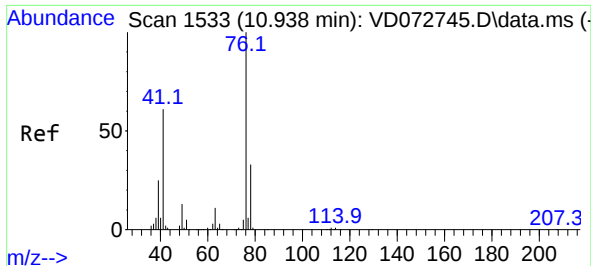
#56
Ethyl methacrylate
Concen: 51.360 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion: 69 Resp: 204865

Ion	Ratio	Lower	Upper
69	100		
41	68.2	63.0	94.6
39	36.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 48.221 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 280340

Ion Ratio Lower Upper

76 100

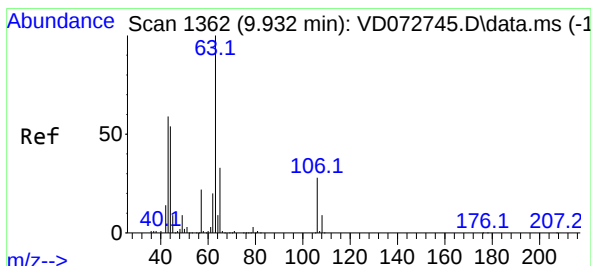
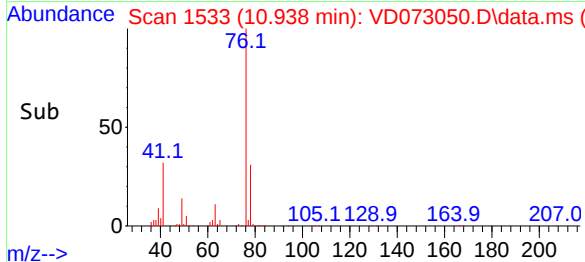
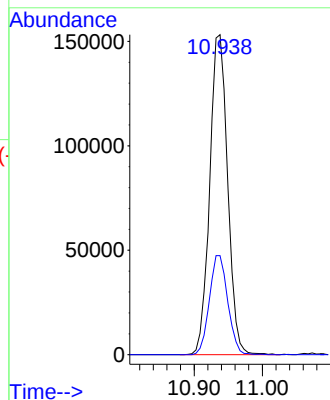
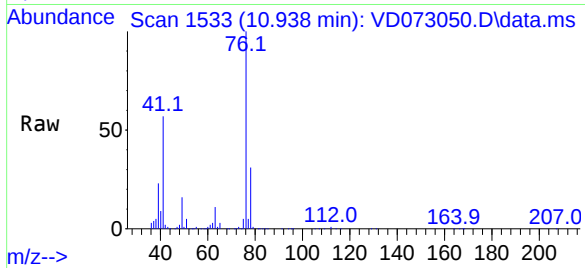
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 267.350 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073050.D

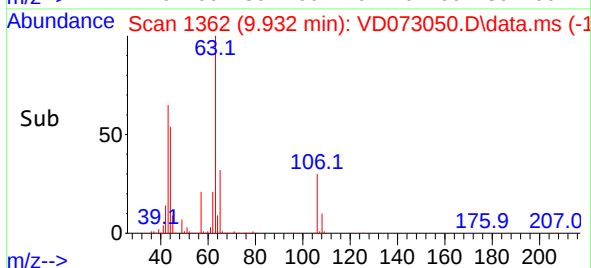
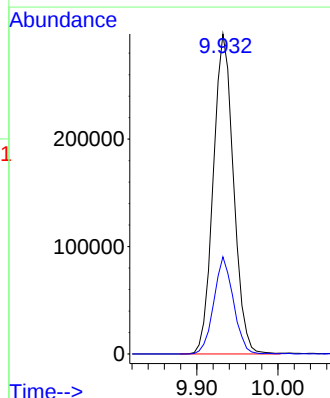
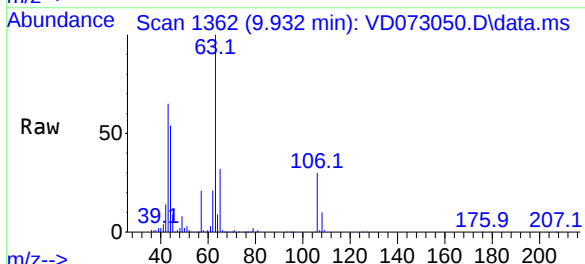
Acq: 16 May 2022 22:29

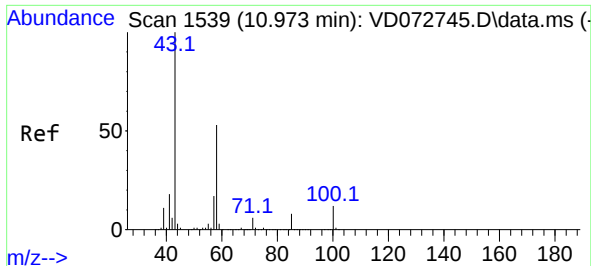
Tgt Ion: 63 Resp: 517035

Ion Ratio Lower Upper

63 100

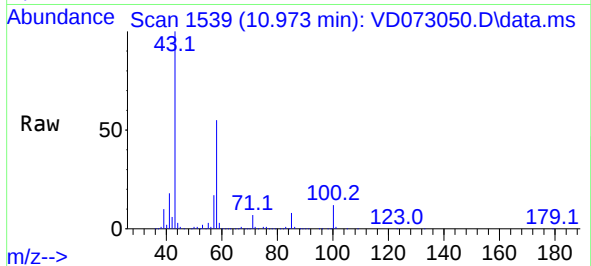
106 29.3 21.4 32.0





#59
2-Hexanone
Concen: 254.108 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

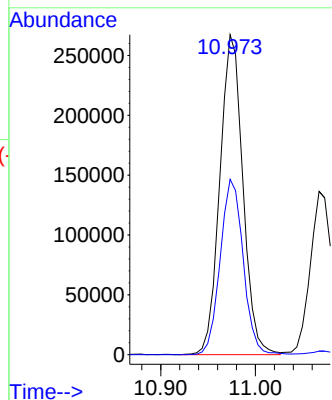
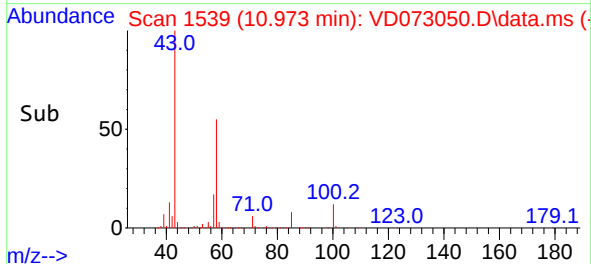
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 45159
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9

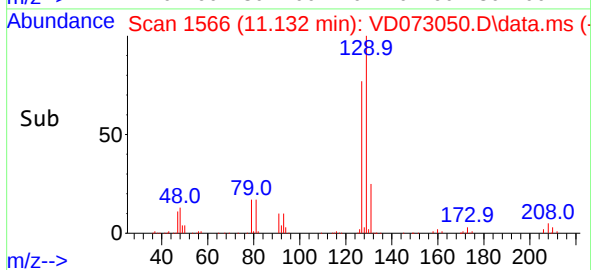
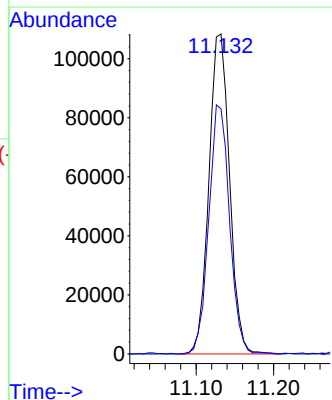
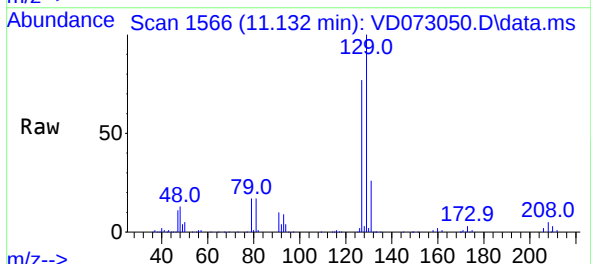
Manual Integrations
APPROVED

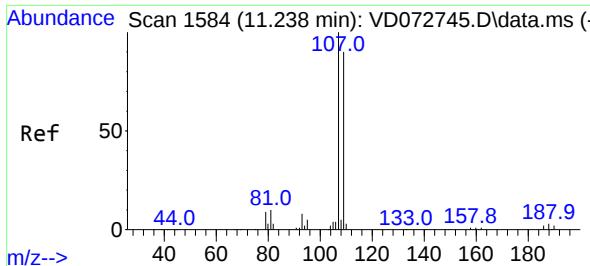
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#60
Dibromochloromethane
Concen: 47.031 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

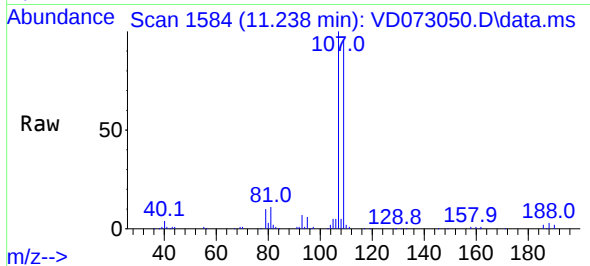
Tgt Ion:129 Resp: 200573
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 47.132 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

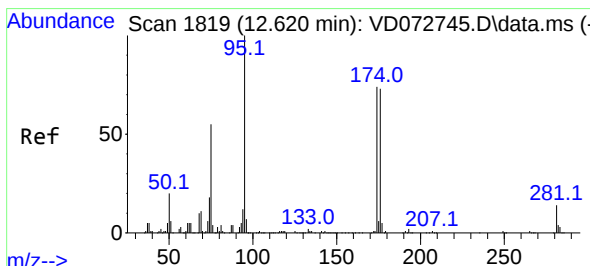
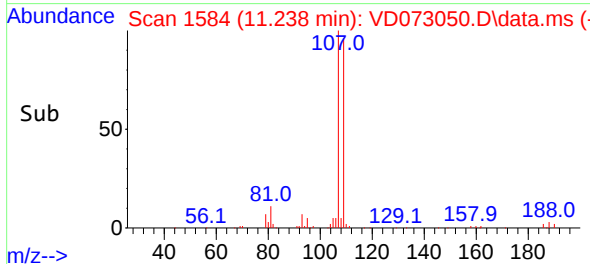
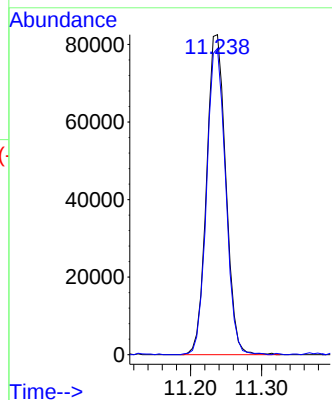
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 107 Resp: 155410
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4

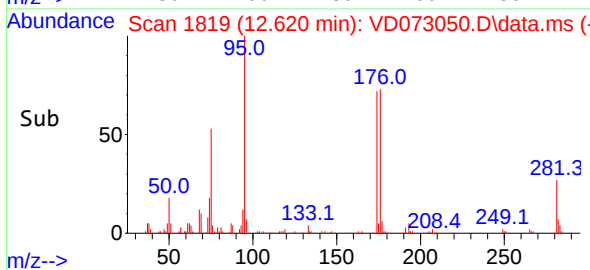
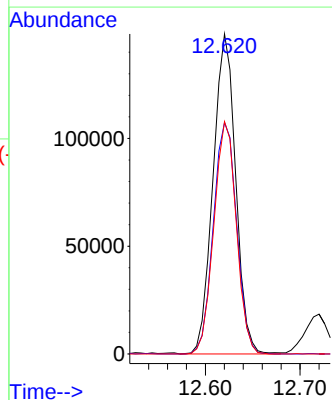
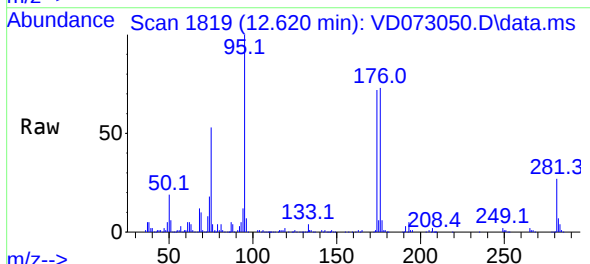
Manual Integrations
APPROVED

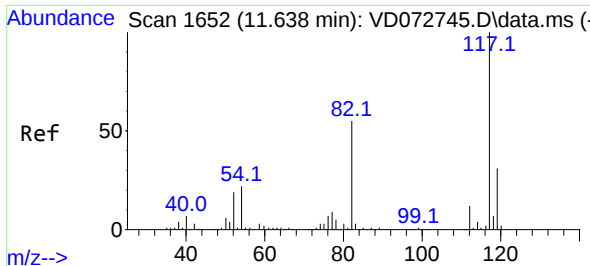
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#62
4-Bromofluorobenzene
Concen: 49.985 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

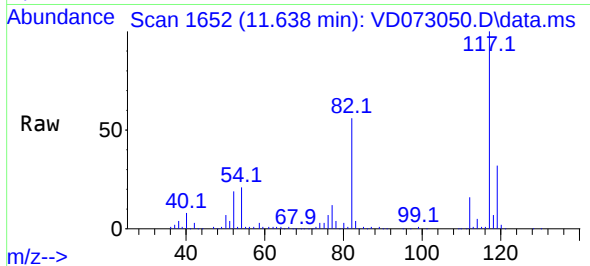
Tgt Ion: 95 Resp: 246297
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 72.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

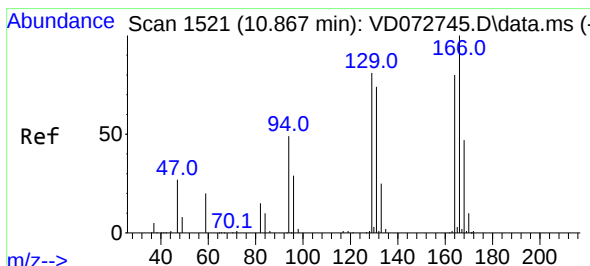
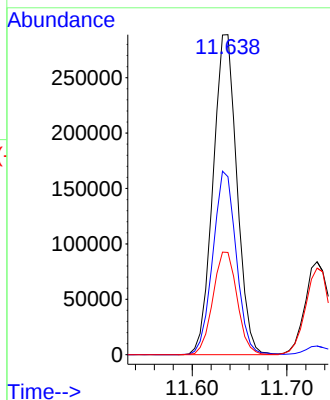
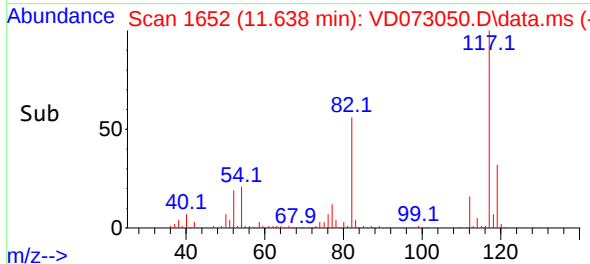
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



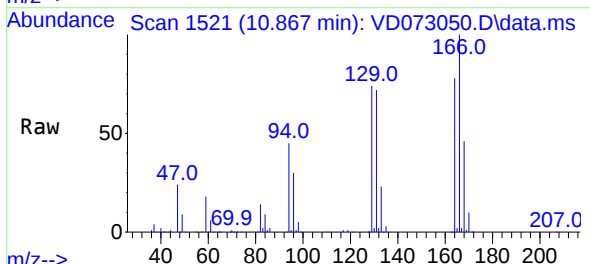
Tgt Ion:117 Resp: 507112
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

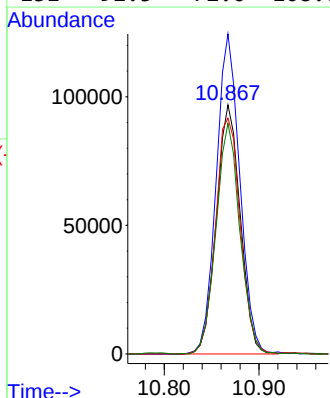
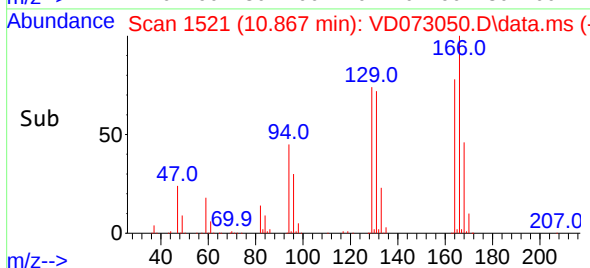
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

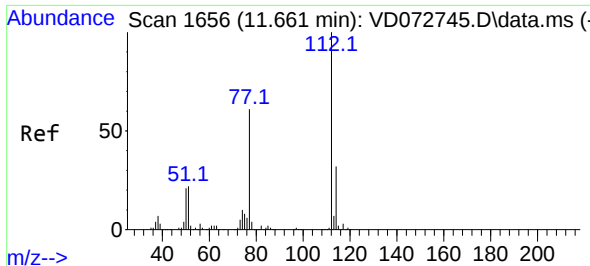


#64
Tetrachloroethene
Concen: 45.861 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



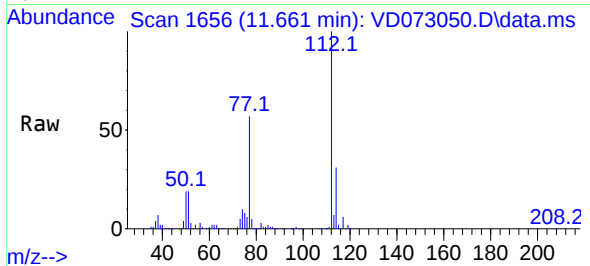
Tgt Ion:164 Resp: 170034
Ion Ratio Lower Upper
164 100
166 128.4 98.5 147.7
129 94.6 74.6 111.8
131 92.5 72.0 108.0





#65
Chlorobenzene
Concen: 47.822 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

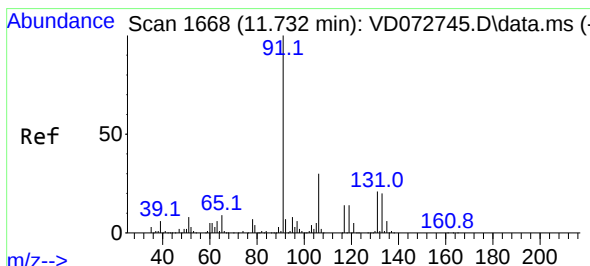
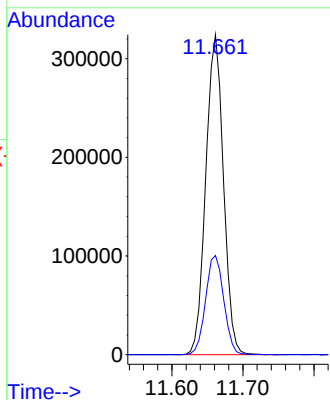
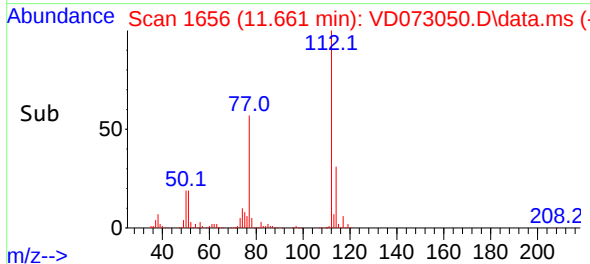
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



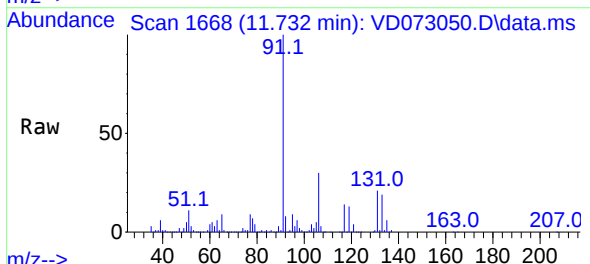
Tgt Ion:112 Resp: 560908
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

Manual Integrations
APPROVED

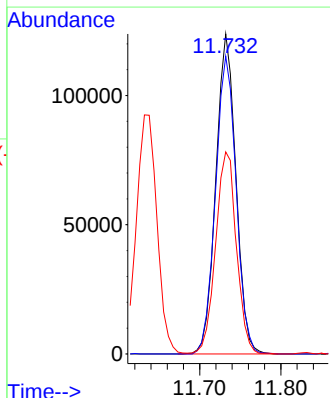
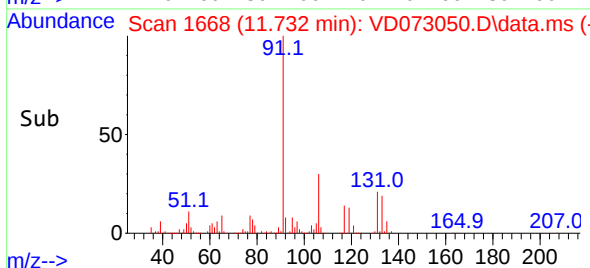
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

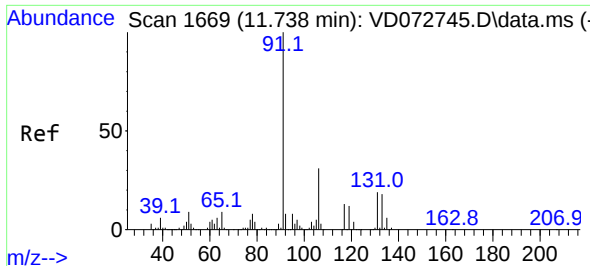


#66
1,1,1,2-Tetrachloroethane
Concen: 48.291 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



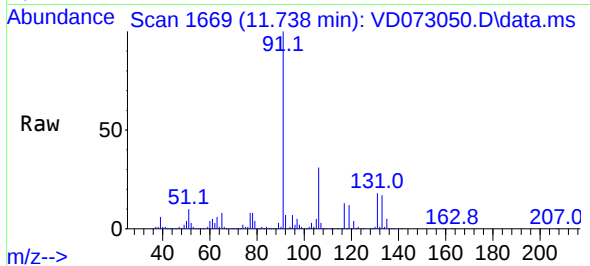
Tgt Ion:131 Resp: 212867
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 65.5 31.9 95.9





#67
Ethyl Benzene
Concen: 50.162 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

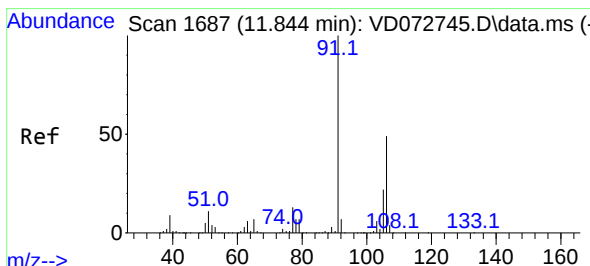
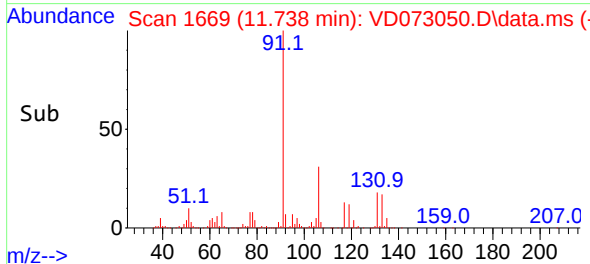
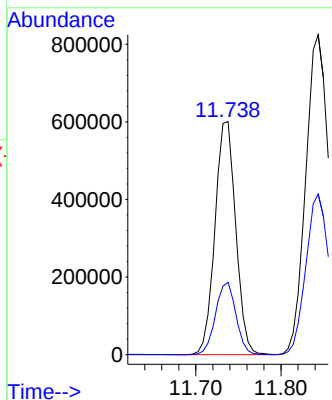
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1018224
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

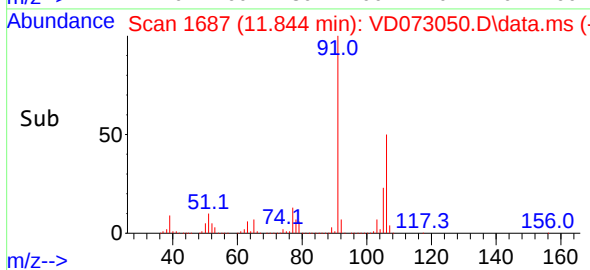
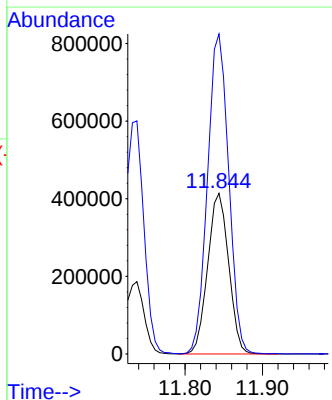
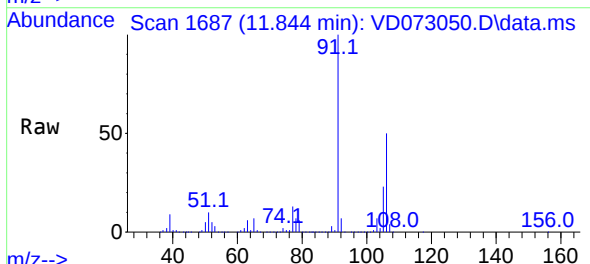
Manual Integrations
APPROVED

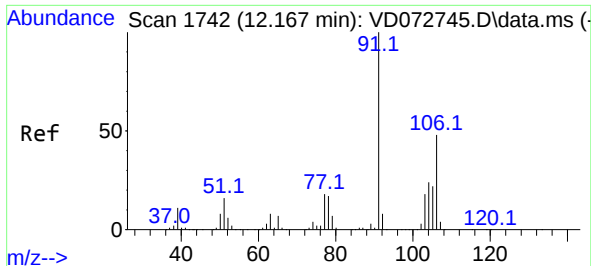
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#68
m/p-Xylenes
Concen: 99.944 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Tgt Ion:106 Resp: 781478
Ion Ratio Lower Upper
106 100
91 200.5 163.7 245.5





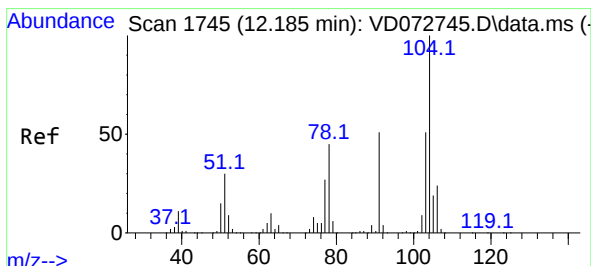
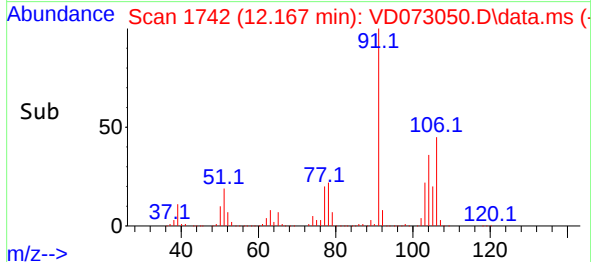
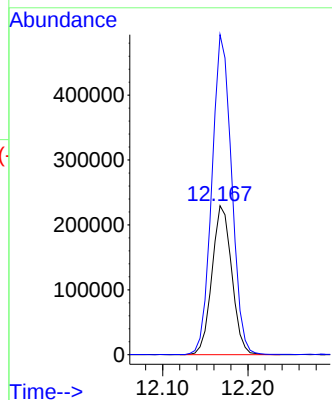
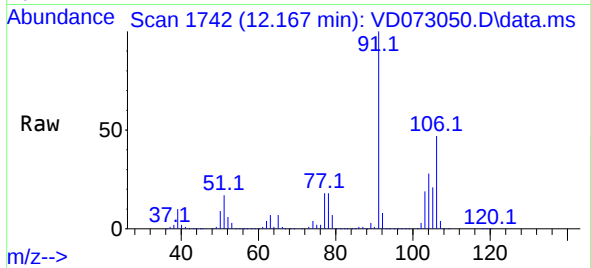
#69
o-Xylene
Concen: 50.614 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 36961
Ion Ratio Lower Upper
106 100
91 215.0 110.4 331.2

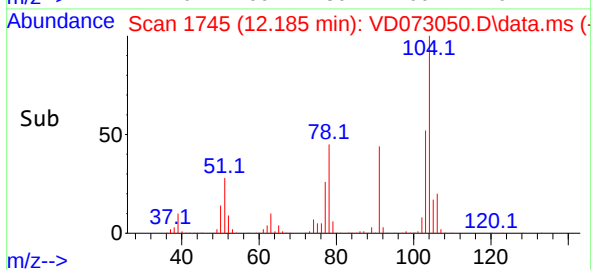
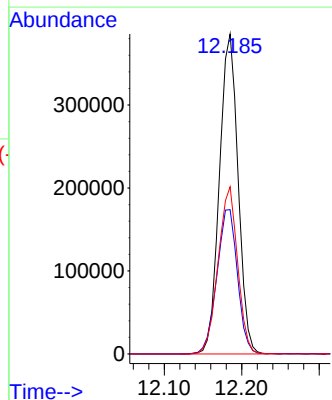
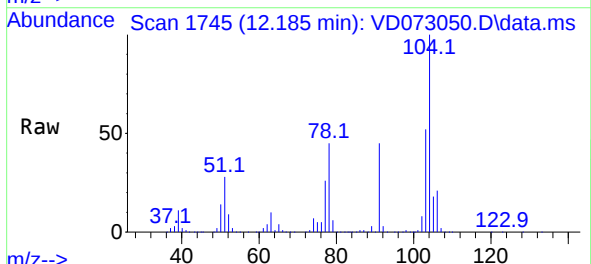
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#70
Styrene
Concen: 50.991 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

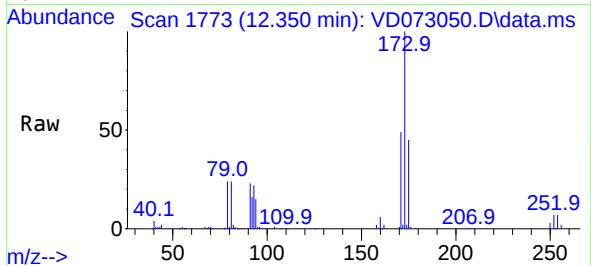
Tgt Ion:104 Resp: 645161
Ion Ratio Lower Upper
104 100
78 49.9 41.8 62.8
103 54.6 44.2 66.4





#71
Bromoform
Concen: 49.176 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

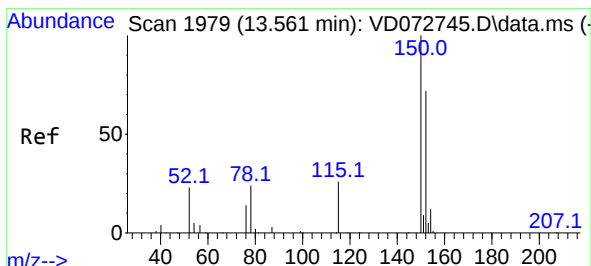
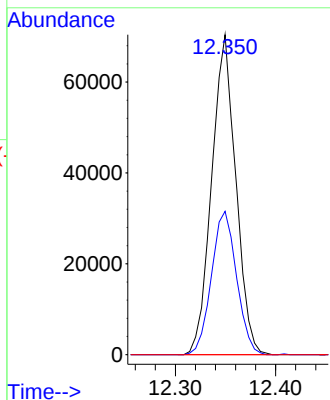
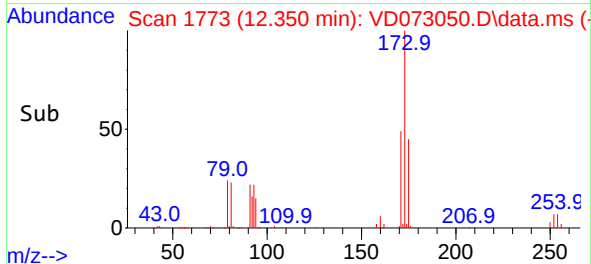
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



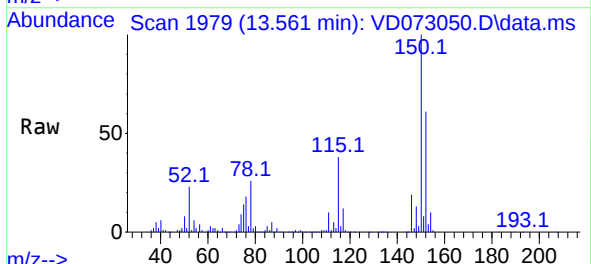
Tgt Ion:173 Resp: 117480
Ion Ratio Lower Upper
173 100
175 46.6 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

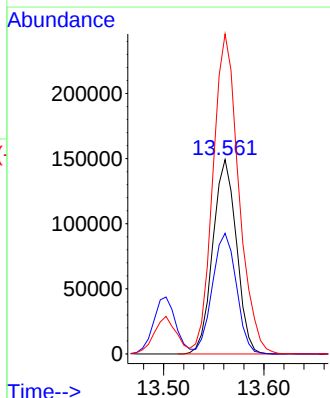
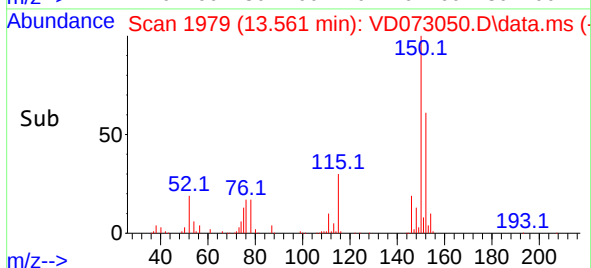
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

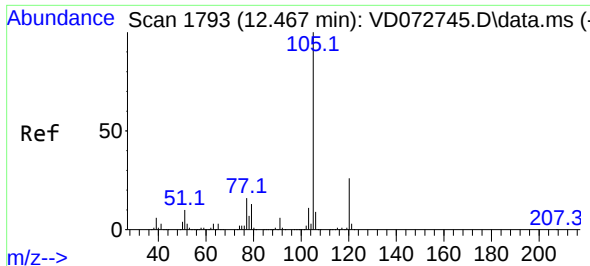


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



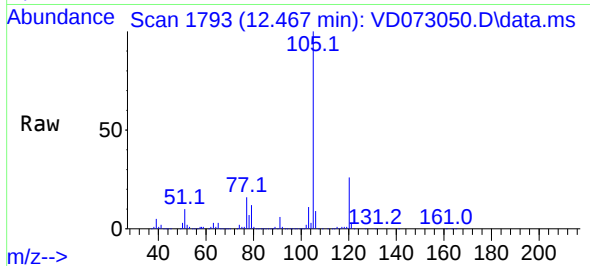
Tgt Ion:152 Resp: 244254
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.8
150 179.7 0.0 348.6





#73
Isopropylbenzene
Concen: 51.633 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

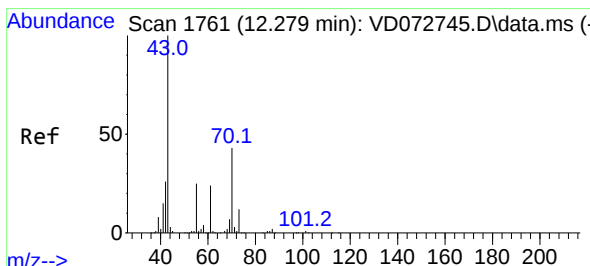
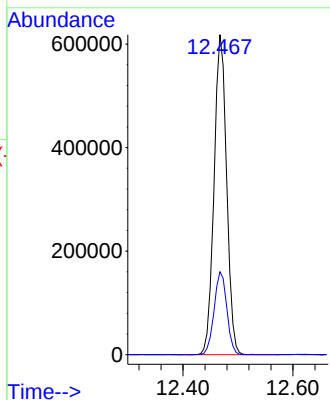
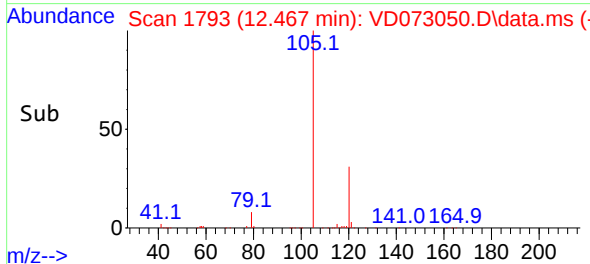
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



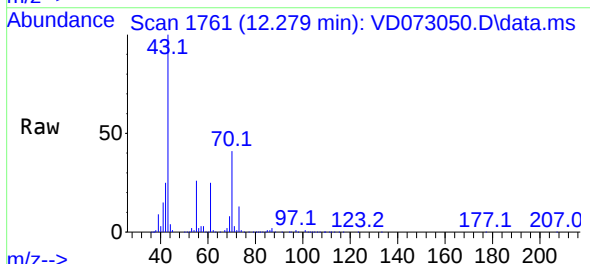
Tgt Ion: 105 Resp: 981210
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

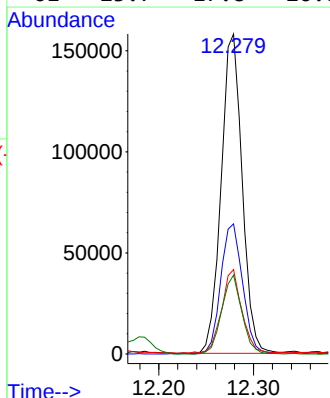
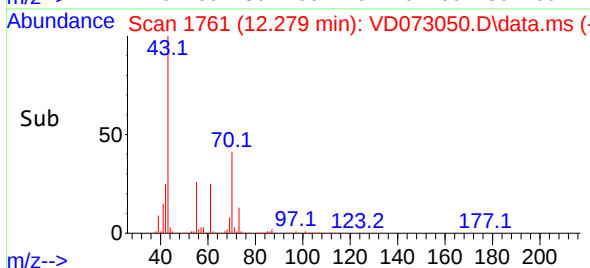
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

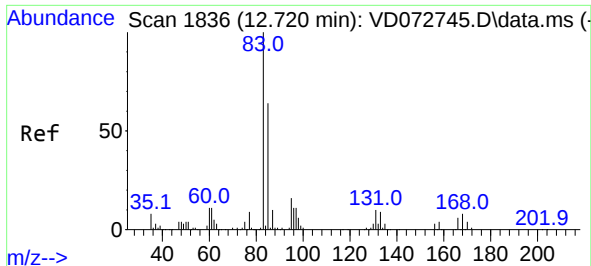


#74
N-ethyl acetate
Concen: 51.553 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



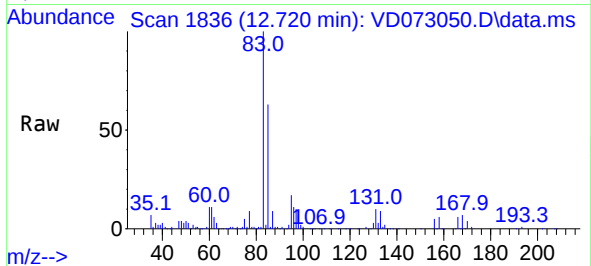
Tgt Ion: 43 Resp: 243973
Ion Ratio Lower Upper
43 100
70 42.8 31.3 46.9
55 25.6 20.0 30.0
61 23.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 49.831 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

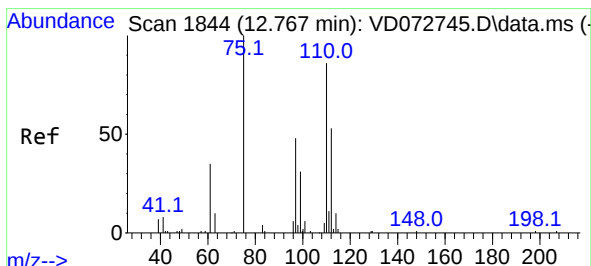
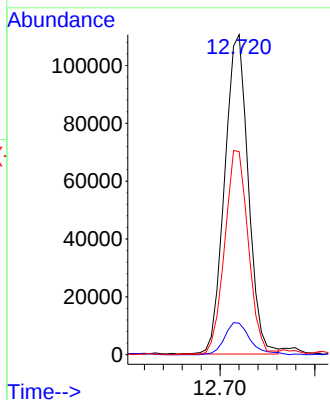
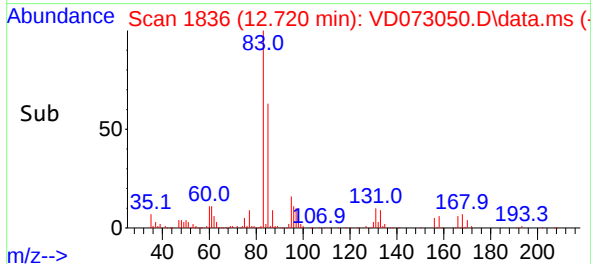
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



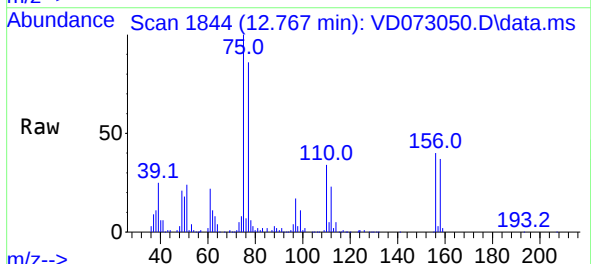
Tgt Ion: 83 Resp: 191159
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 64.3 32.6 98.0

Manual Integrations
APPROVED

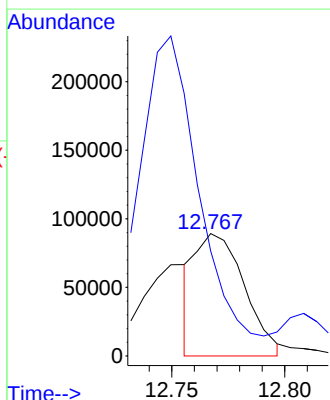
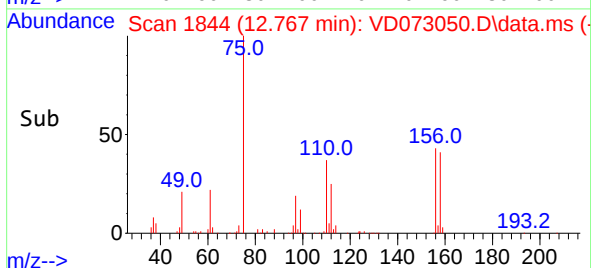
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#76
1,2,3-Trichloropropane
Concen: 49.673 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



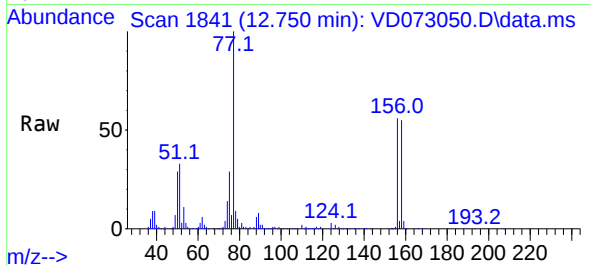
Tgt Ion: 75 Resp: 135289
Ion Ratio Lower Upper
75 100
77 324.2 0.0 0.0#





#77
Bromobenzene
Concen: 49.814 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.001 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

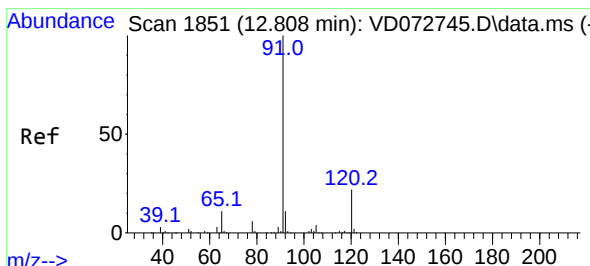
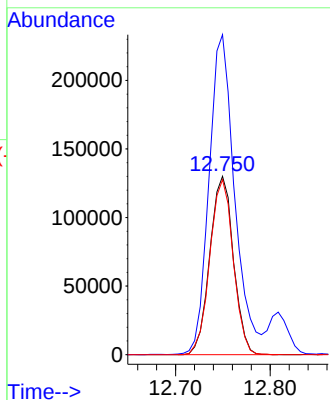
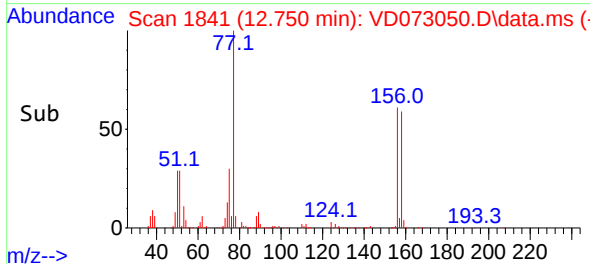
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



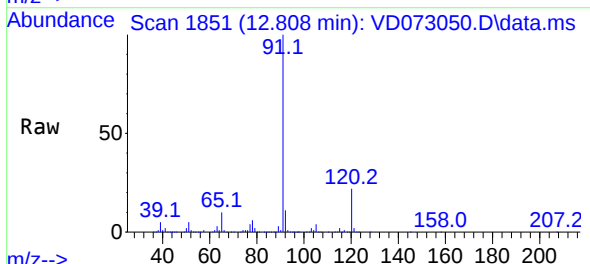
Tgt Ion:156 Resp: 224794
Ion Ratio Lower Upper
156 100
77 195.1 102.8 308.3
158 97.4 48.7 146.1

Manual Integrations
APPROVED

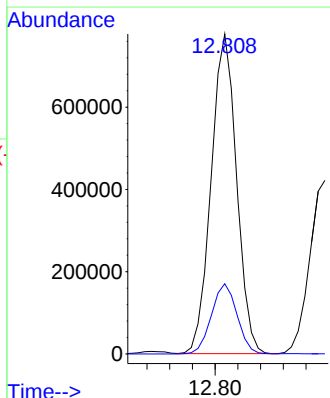
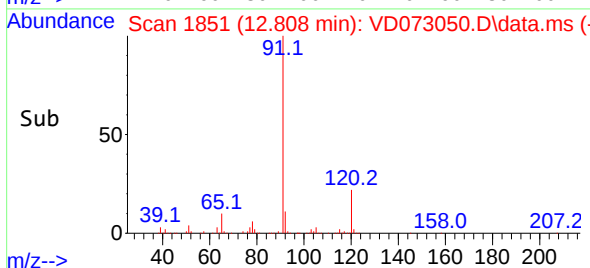
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

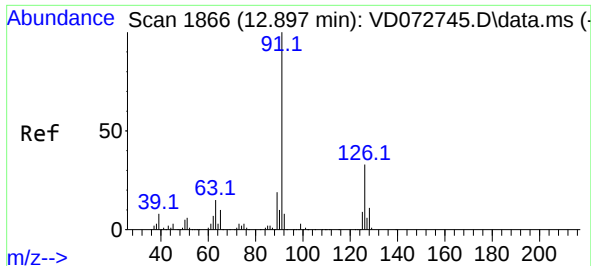


#78
n-propylbenzene
Concen: 50.401 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion: 91 Resp: 1207164
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





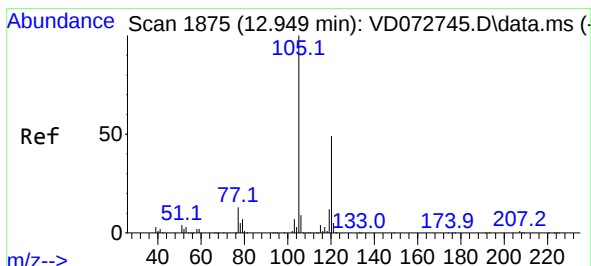
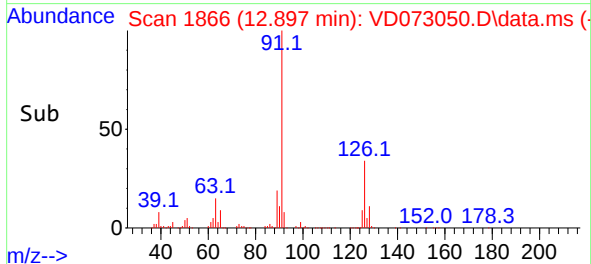
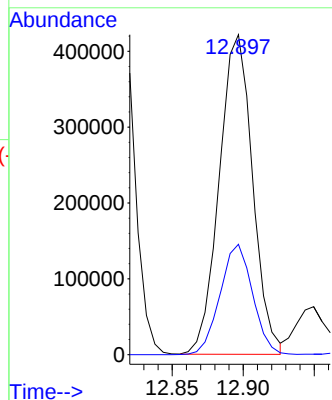
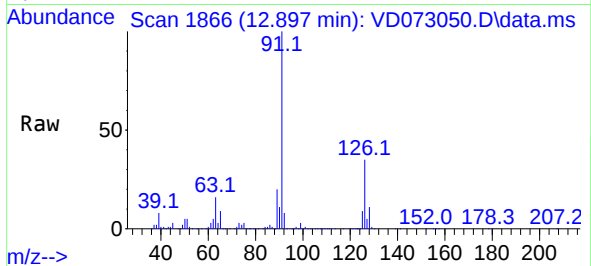
#79
2-Chlorotoluene
Concen: 49.212 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 68853
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

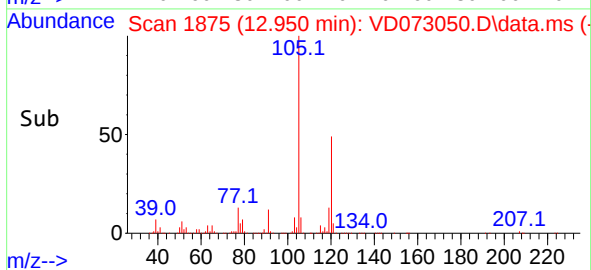
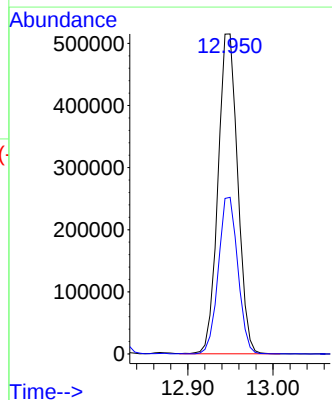
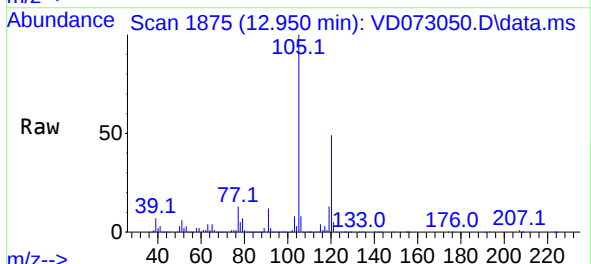
Manual Integrations
APPROVED

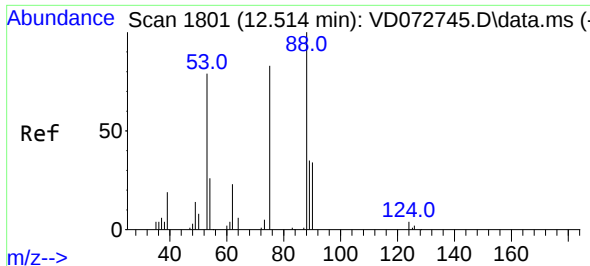
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.251 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

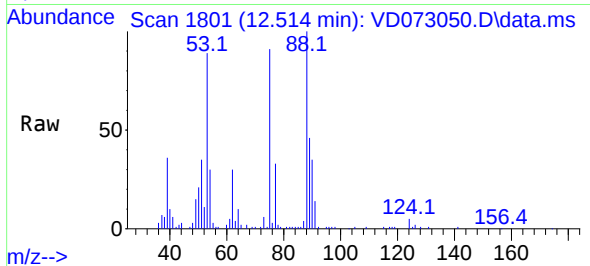
Tgt Ion:105 Resp: 825850
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.217 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

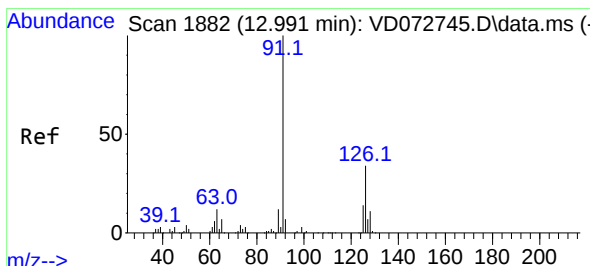
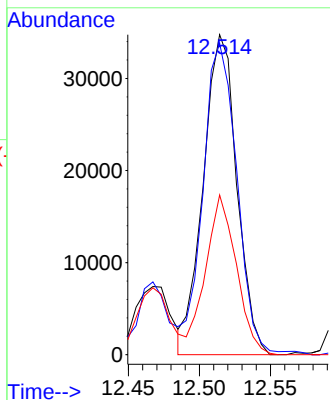
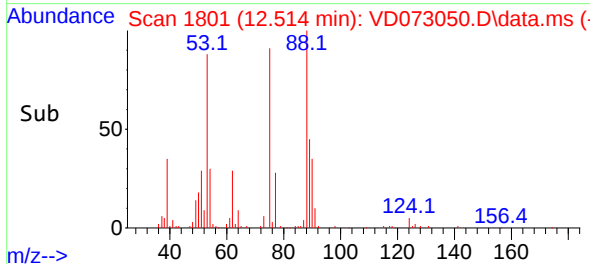
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



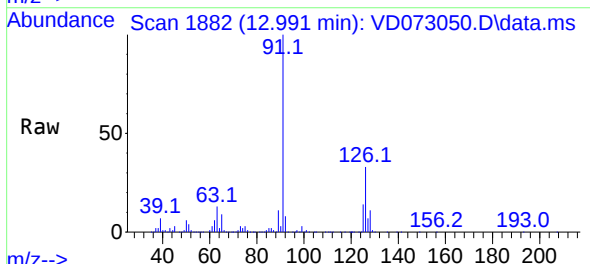
Tgt Ion: 75 Resp: 5710
Ion Ratio Lower Upper
75 100
53 98.7 86.5 129.7
89 45.3 33.9 50.9

Manual Integrations
APPROVED

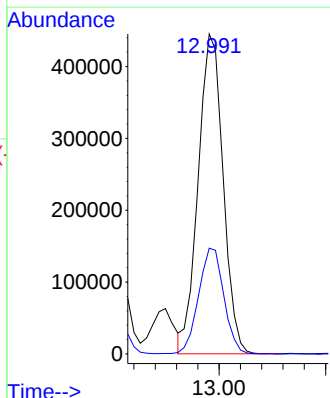
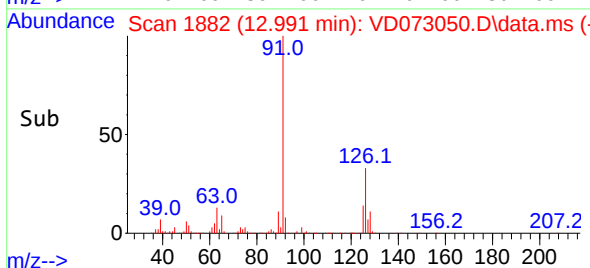
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

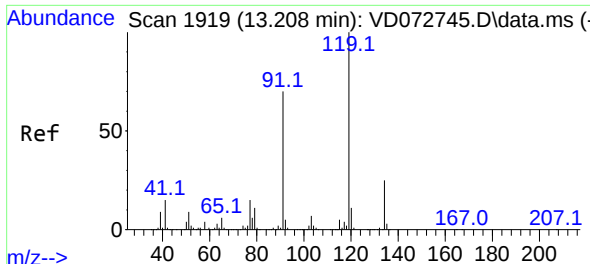


#82
4-Chlorotoluene
Concen: 49.462 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



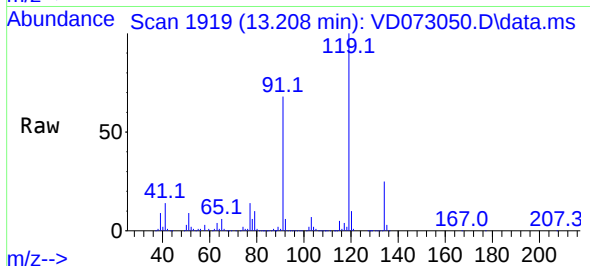
Tgt Ion: 91 Resp: 723057
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5





#83
tert-Butylbenzene
Concen: 51.579 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

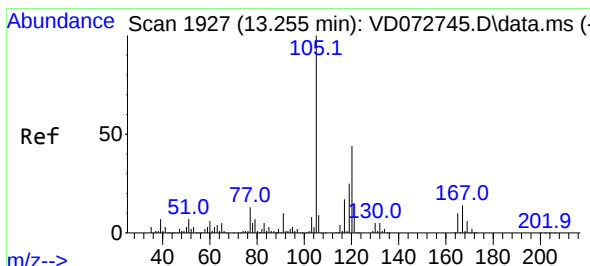
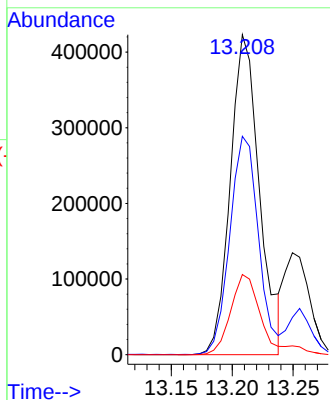
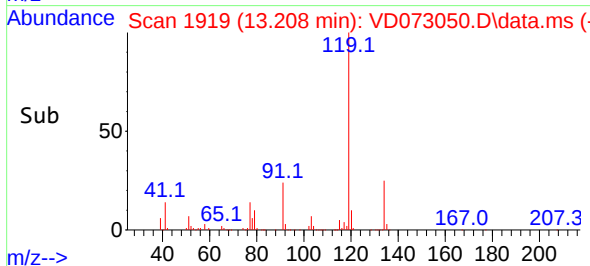
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



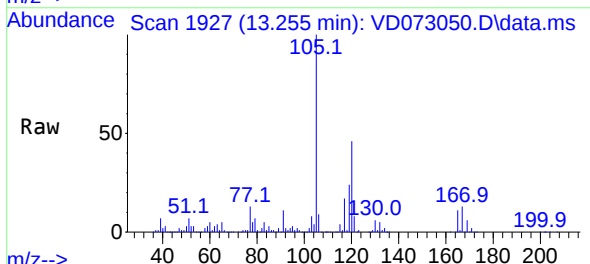
Tgt Ion:119 Resp: 706612
Ion Ratio Lower Upper
119 100
91 66.9 34.8 104.5
134 26.6 13.3 39.9

Manual Integrations
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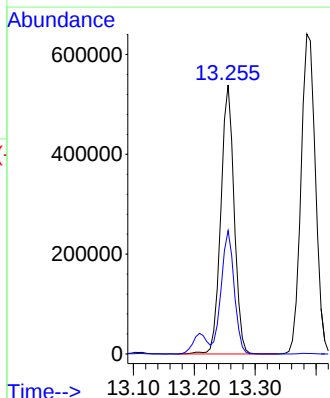
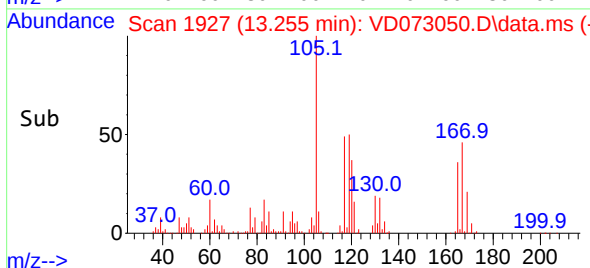
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

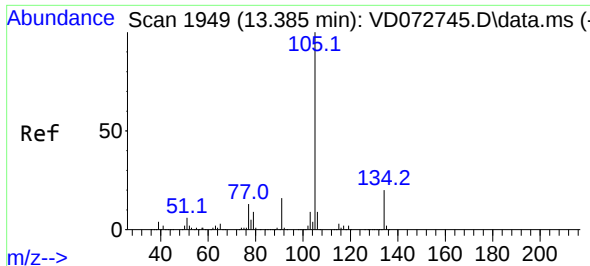


#84
1,2,4-Trimethylbenzene
Concen: 50.741 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion:105 Resp: 817278
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





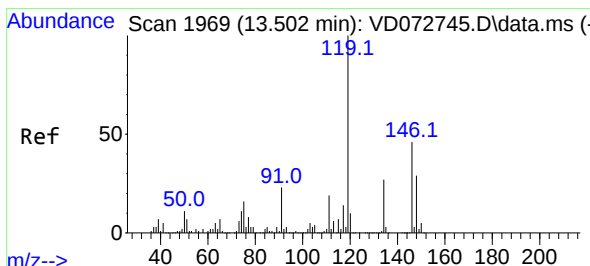
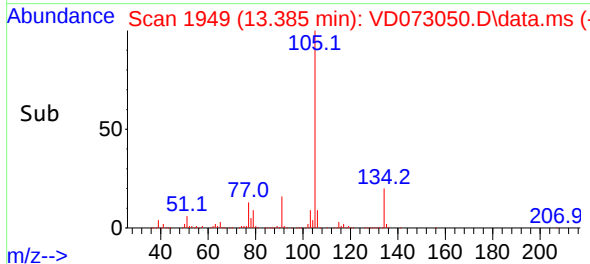
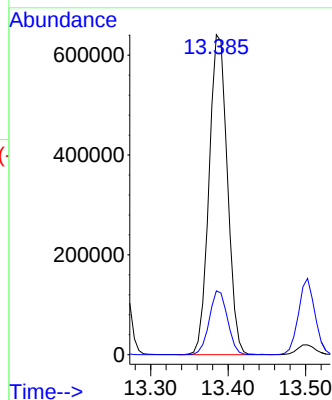
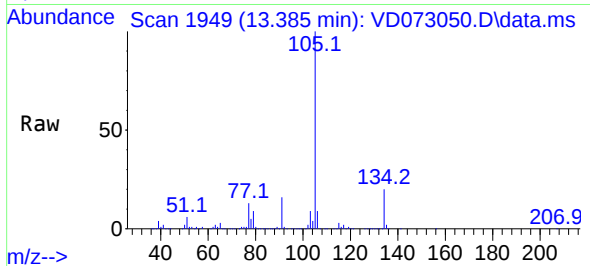
#85
 sec-Butylbenzene
 Concen: 50.862 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073050.D
 Acq: 16 May 2022 22:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1050910
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

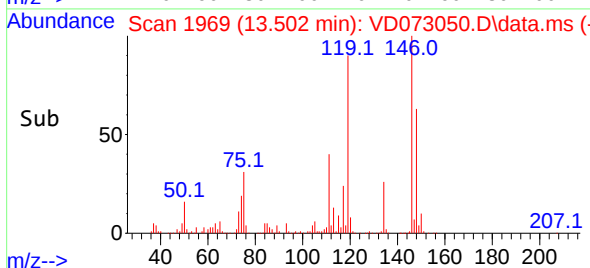
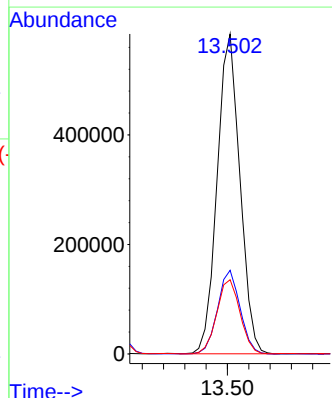
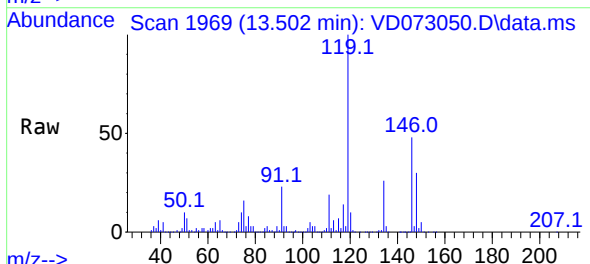
Manual Integrations
 APPROVED

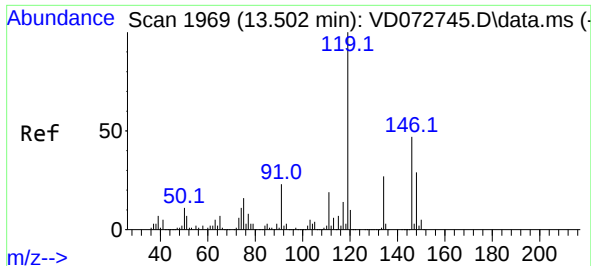
Reviewed By :John Carlone 05/17/2022
 Supervised By :Mahesh Dadoda 05/17/2022



#86
 p-Isopropyltoluene
 Concen: 51.021 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073050.D
 Acq: 16 May 2022 22:29

Tgt Ion:119 Resp: 864341
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.063 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073050.D

Acq: 16 May 2022 22:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 446018

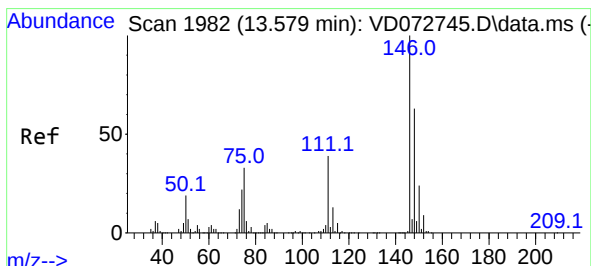
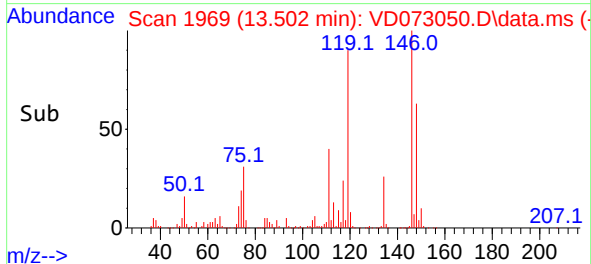
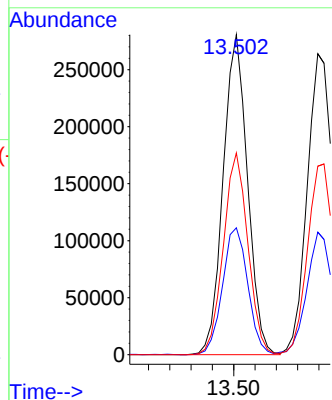
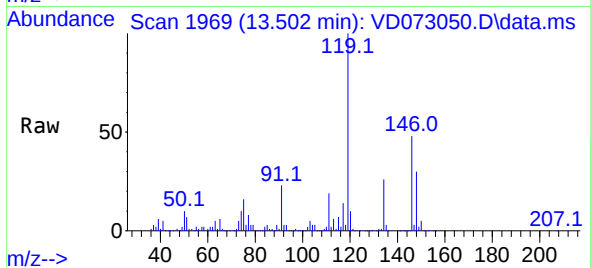
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	63.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#88

1,4-Dichlorobenzene

Concen: 48.338 ug/l

RT: 13.579 min Scan# 1982

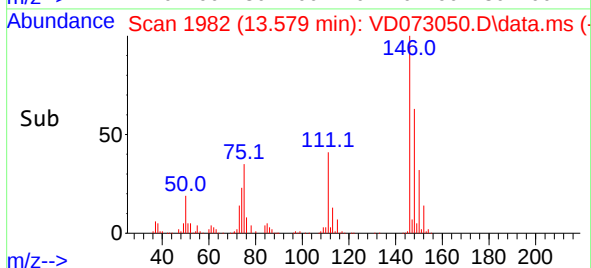
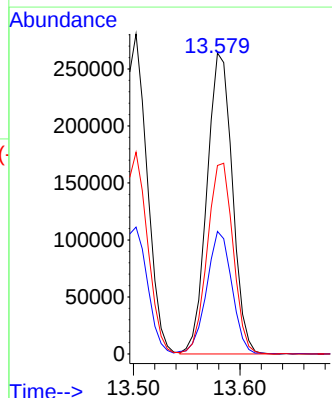
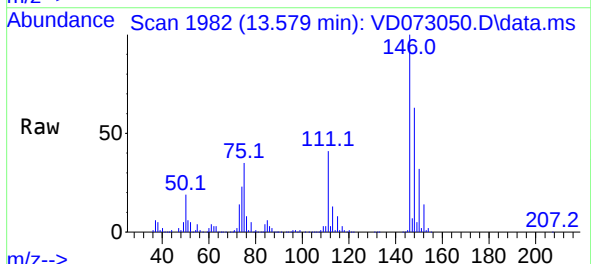
Delta R.T. -0.000 min

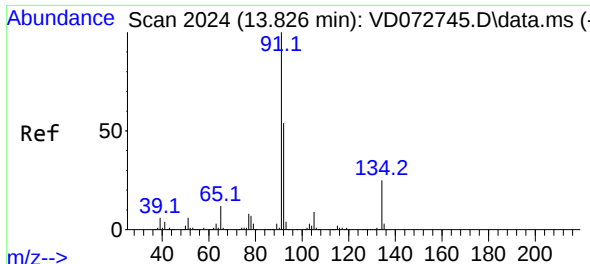
Lab File: VD073050.D

Acq: 16 May 2022 22:29

Tgt Ion:146 Resp: 437605

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.9
148	64.4	31.7	95.1





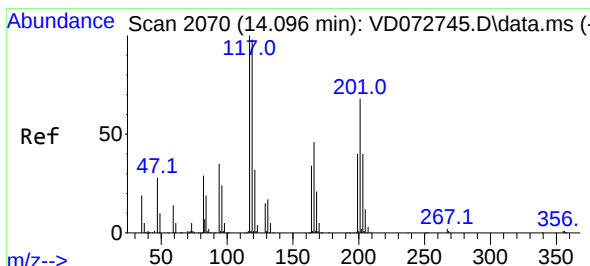
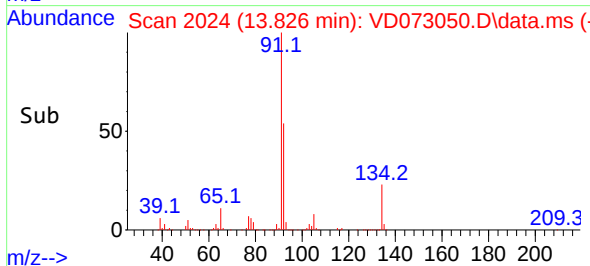
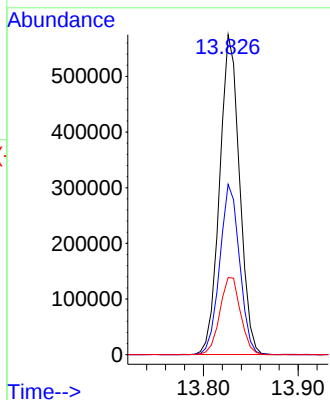
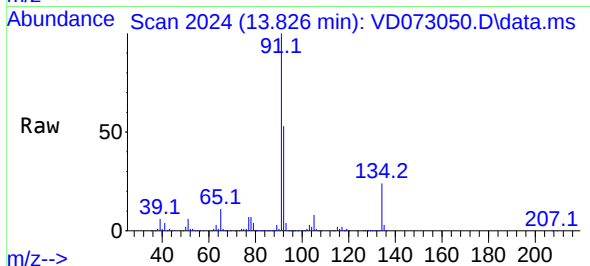
#89
n-Butylbenzene
Concen: 51.254 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 841114
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.8
134 25.1 12.3 36.9

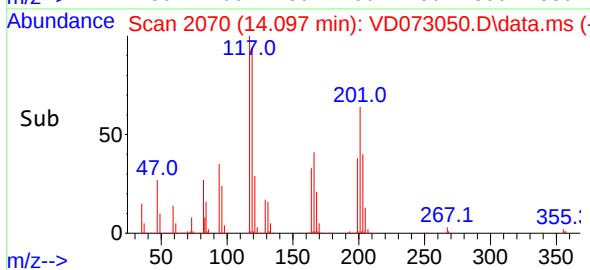
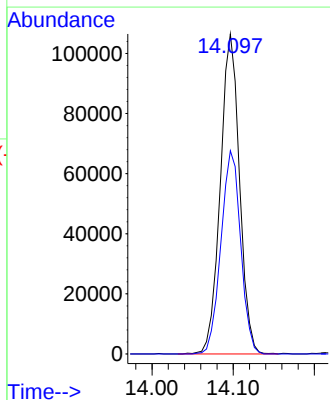
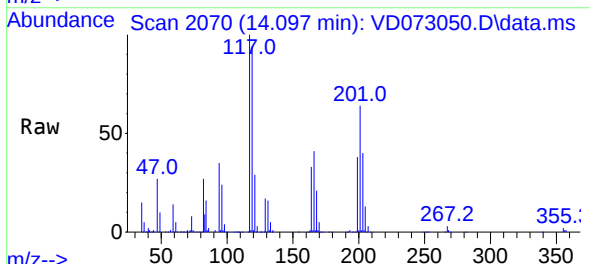
Manual Integrations
APPROVED

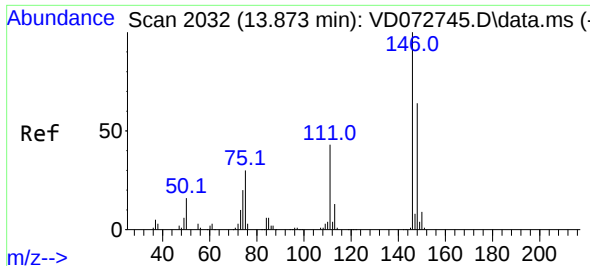
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#90
Hexachloroethane
Concen: 50.376 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.001 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Tgt Ion:117 Resp: 174830
Ion Ratio Lower Upper
117 100
201 65.1 33.4 100.2





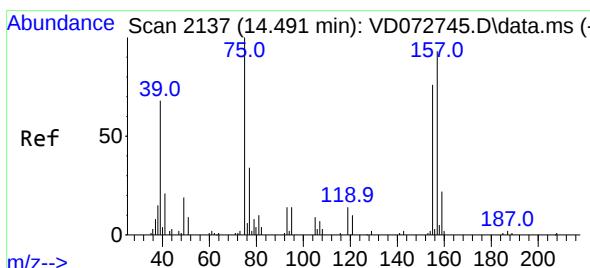
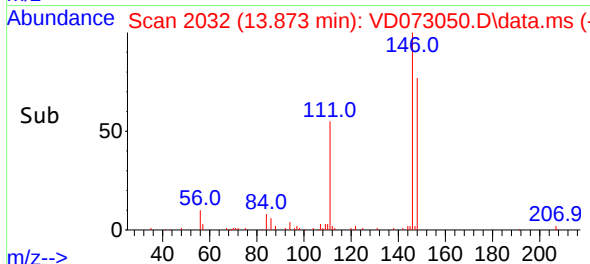
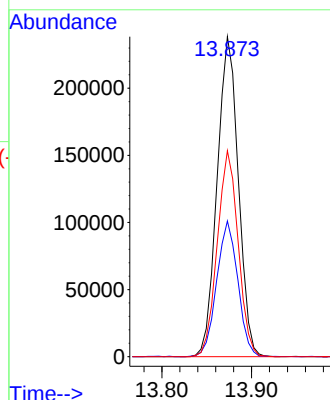
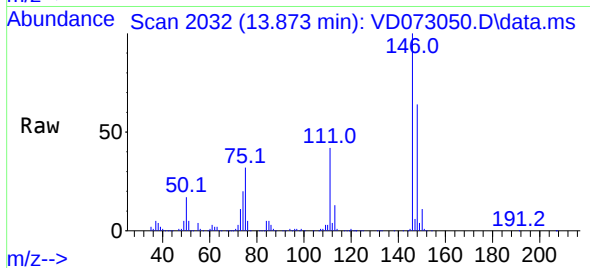
#91
1,2-Dichlorobenzene
Concen: 49.311 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 390670
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.4 31.7 95.1

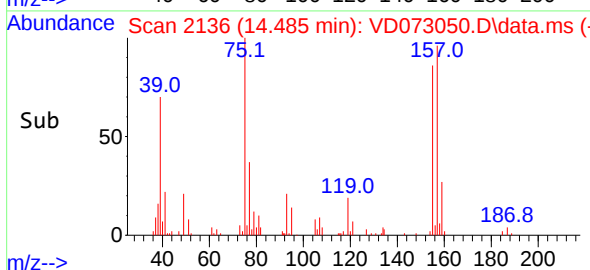
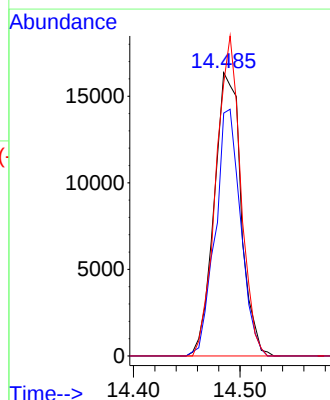
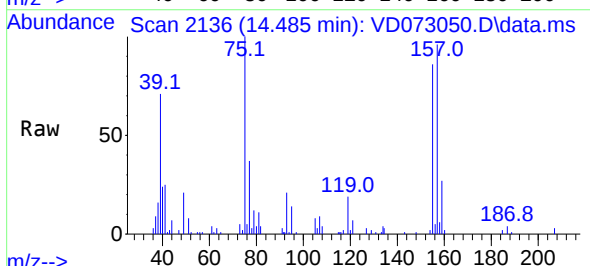
Manual Integrations
APPROVED

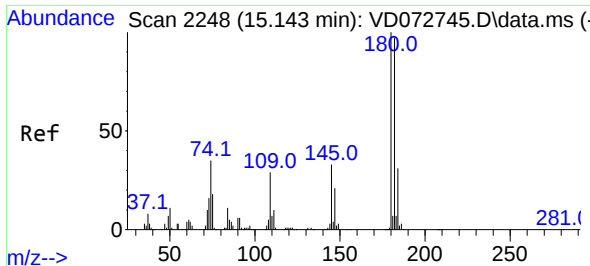
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.173 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

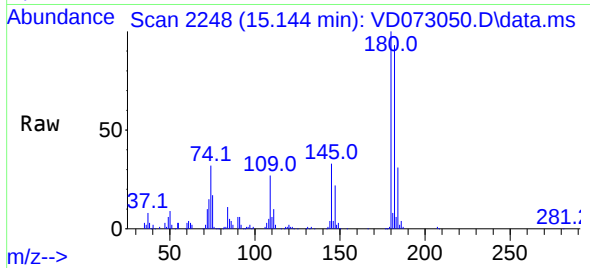
Tgt Ion: 75 Resp: 28686
Ion Ratio Lower Upper
75 100
155 82.2 36.8 110.3
157 103.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 50.369 ug/l
RT: 15.144 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

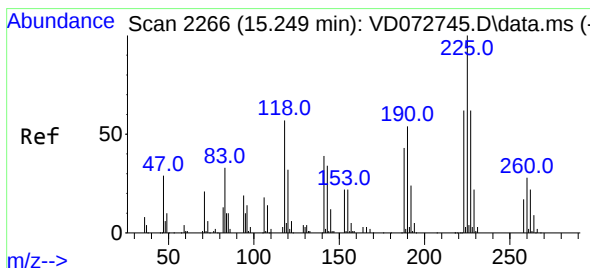
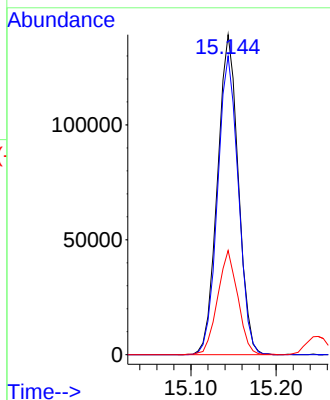
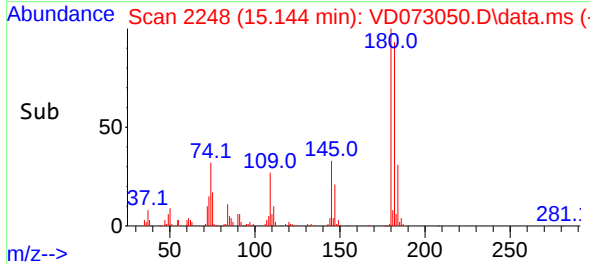
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



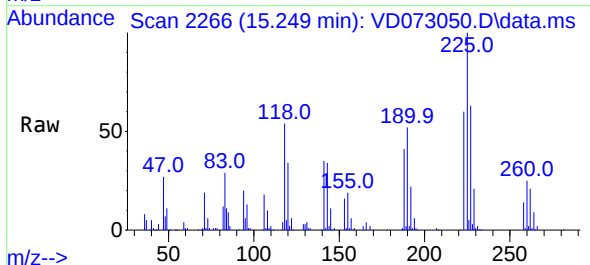
Tgt Ion:180 Resp: 23633
Ion Ratio Lower Upper
180 100
182 92.7 47.3 142.0
145 31.7 16.2 48.5

Manual Integrations
APPROVED

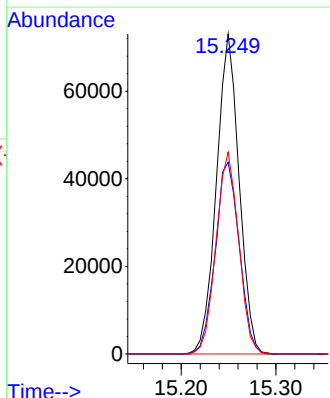
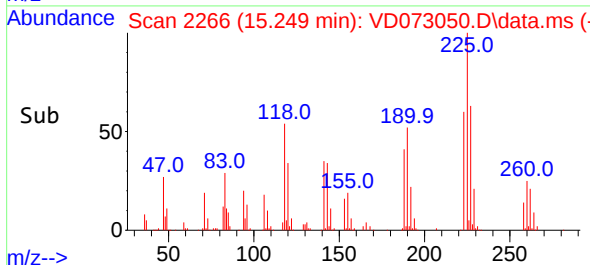
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

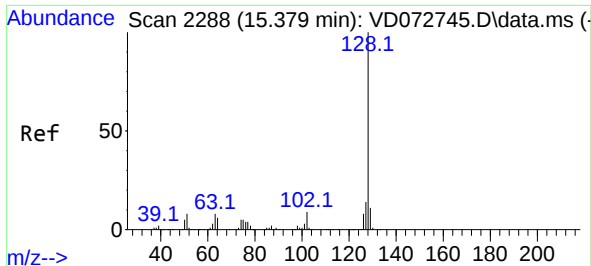


#94
Hexachlorobutadiene
Concen: 47.470 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



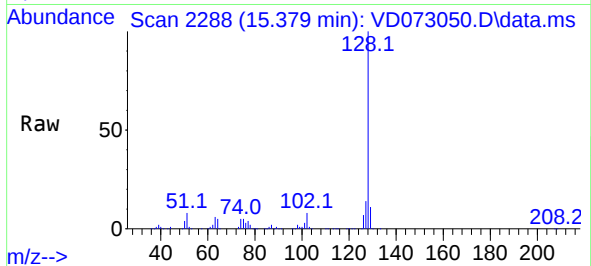
Tgt Ion:225 Resp: 121642
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.0 32.4 97.0





#95
Naphthalene
Concen: 53.832 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29

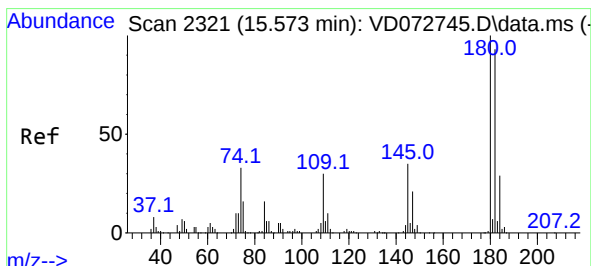
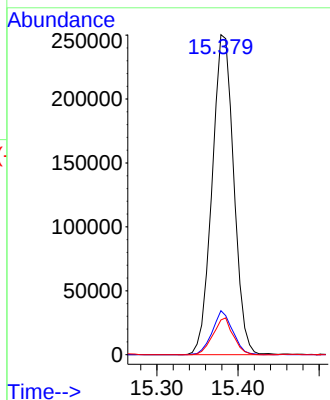
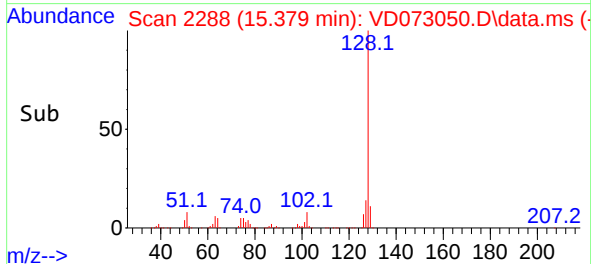
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



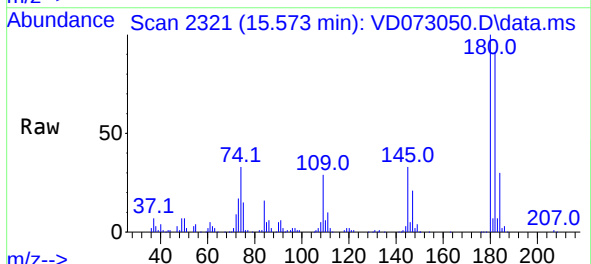
Tgt Ion:128 Resp: 464397
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.464 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073050.D
Acq: 16 May 2022 22:29



Tgt Ion:180 Resp: 209895
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 34.1 17.1 51.3

