

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075650.D
 Acq On : 12 Apr 2023 20:16
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 13 07:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	184991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	306689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	154823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85896	56.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.200%	
35) Dibromofluoromethane	7.804	113	108207	57.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.580%	
50) Toluene-d8	10.269	98	404952	55.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.575	95	124818	57.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	67245	51.453	ug/l	95
3) Chloromethane	2.146	50	132537	58.317	ug/l	99
4) Vinyl Chloride	2.281	62	170416	53.561	ug/l	100
5) Bromomethane	2.681	94	111154	43.871	ug/l	100
6) Chloroethane	2.828	64	121423	54.403	ug/l	99
7) Trichlorofluoromethane	3.169	101	167741	61.802	ug/l	99
8) Diethyl Ether	3.593	74	48874	58.301	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.963	101	100358	56.174	ug/l	92
10) Methyl Iodide	4.157	142	117295	54.910	ug/l	91
11) Tert butyl alcohol	5.057	59	25762	359.073	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	92302	53.826	ug/l	93
13) Acrolein	3.793	56	31835	324.815	ug/l	97
14) Allyl chloride	4.557	41	85061	54.963	ug/l #	80
15) Acrylonitrile	5.251	53	104145	324.194	ug/l	96
16) Acetone	4.022	43	82802	299.445	ug/l #	74
17) Carbon Disulfide	4.263	76	221013	49.797	ug/l	98
18) Methyl Acetate	4.563	43	54492	65.296	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	221640	61.155	ug/l	96
20) Methylene Chloride	4.799	84	125808	54.720	ug/l #	74
21) trans-1,2-Dichloroethene	5.310	96	111136	54.906	ug/l #	72
22) Diisopropyl ether	6.216	45	225543	59.410	ug/l #	86
23) Vinyl Acetate	6.151	43	574891	312.215	ug/l #	83
24) 1,1-Dichloroethane	6.110	63	178642	56.983	ug/l #	96
25) 2-Butanone	7.081	43	114093	317.934	ug/l #	61
26) 2,2-Dichloropropane	7.075	77	151837	52.796	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	133838	56.158	ug/l	82
28) Bromochloromethane	7.428	49	61239	57.170	ug/l #	44
29) Tetrahydrofuran	7.445	42	66074	347.693	ug/l #	54
30) Chloroform	7.592	83	208658	58.505	ug/l	96
31) Cyclohexane	7.875	56	112952	51.159	ug/l #	70
32) 1,1,1-Trichloroethane	7.792	97	163065	54.940	ug/l	95
36) 1,1-Dichloropropene	8.004	75	137103	57.338	ug/l	94
37) Ethyl Acetate	7.175	43	49375	68.681	ug/l #	78
38) Carbon Tetrachloride	7.992	117	130050	56.715	ug/l	97
39) Methylcyclohexane	9.275	83	157320	55.253	ug/l #	88
40) Benzene	8.251	78	445586	57.832	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	25897	64.000	ug/l #	59
42) 1,2-Dichloroethane	8.328	62	107274	59.923	ug/l	89
43) Isopropyl Acetate	8.363	43	92187	67.174	ug/l #	81
44) Trichloroethene	9.028	130	122294	54.189	ug/l	90
45) 1,2-Dichloropropane	9.304	63	106565	59.289	ug/l	97
46) Dibromomethane	9.392	93	66779	59.839	ug/l	97
47) Bromodichloromethane	9.586	83	159026	58.926	ug/l	95
48) Methyl methacrylate	9.381	41	40042	64.384	ug/l #	54
49) 1,4-Dioxane	9.381	88	15480	1530.224	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	255416	345.734	ug/l #	78
52) Toluene	10.334	92	296691	57.014	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	142806	58.379	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	171123	57.534	ug/l #	77
55) 1,1,2-Trichloroethane	10.733	97	98763	60.013	ug/l	94
56) Ethyl methacrylate	10.598	69	100795	63.544	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	149417	60.299	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	244614	318.955	ug/l #	85
59) 2-Hexanone	10.922	43	175437	337.086	ug/l	70
60) Dibromochloromethane	11.075	129	115024	58.540	ug/l	99
61) 1,2-Dibromoethane	11.181	107	91392	58.105	ug/l	99
64) Tetrachloroethene	10.810	164	103063	55.872	ug/l	96
65) Chlorobenzene	11.610	112	325892	54.743	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	118427	56.253	ug/l	95
67) Ethyl Benzene	11.686	91	559971	57.011	ug/l	95
68) m/p-Xylenes	11.792	106	457276	113.030	ug/l	91
69) o-Xylene	12.122	106	213871	58.723	ug/l	93
70) Styrene	12.133	104	381876	61.140	ug/l	93
71) Bromoform	12.304	173	68502	62.954	ug/l #	98
73) Isopropylbenzene	12.422	105	540654	56.274	ug/l	98
74) N-amyl acetate	12.233	43	87478	64.920	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	113330	63.064	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	125090	124.276	ug/l #	100
77) Bromobenzene	12.704	156	133593	55.089	ug/l	92
78) n-propylbenzene	12.763	91	663348	57.425	ug/l	98
79) 2-Chlorotoluene	12.851	91	367439	57.512	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	449785	57.163	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	32830	62.098	ug/l #	71
82) 4-Chlorotoluene	12.951	91	373754	56.395	ug/l	92
83) tert-Butylbenzene	13.169	119	380771	55.734	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	454099	57.149	ug/l	94
85) sec-Butylbenzene	13.345	105	594931	56.984	ug/l	98
86) p-Isopropyltoluene	13.463	119	495070	56.411	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	278024	54.903	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	273392	54.589	ug/l	97
89) n-Butylbenzene	13.792	91	445731	55.861	ug/l	99
90) Hexachloroethane	14.057	117	93055	56.054	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	242455	55.545	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14242	63.355	ug/l	73
93) 1,2,4-Trichlorobenzene	15.104	180	128805	55.636	ug/l	99
94) Hexachlorobutadiene	15.204	225	59694	54.434	ug/l	97
95) Naphthalene	15.333	128	280268	63.757	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	118262	57.654	ug/l	99

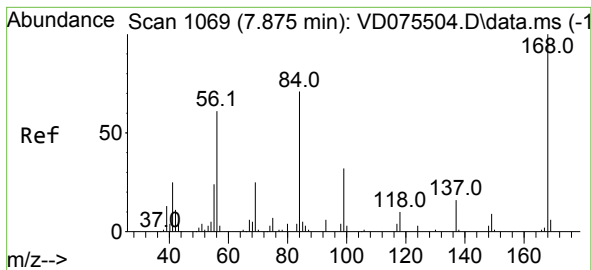
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
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QLast Update : Wed Apr 12 10:29:09 2023
Response via : Initial Calibration

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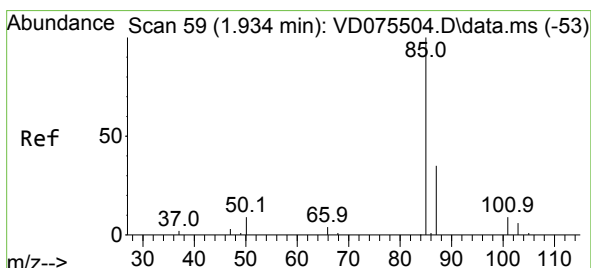
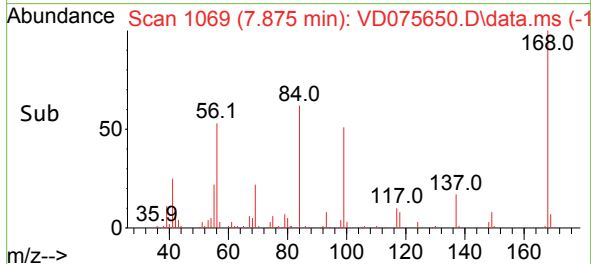
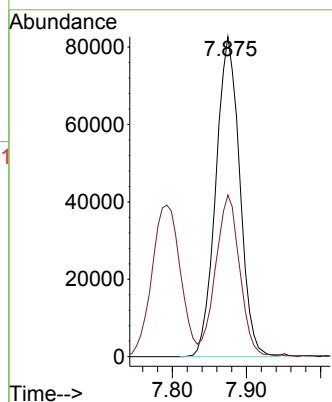
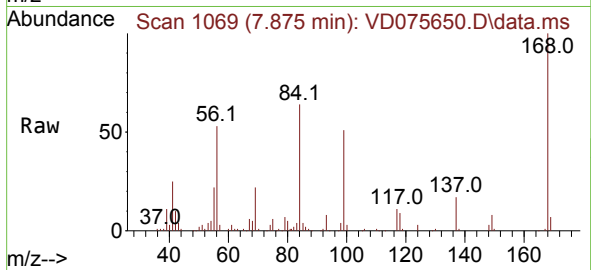
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

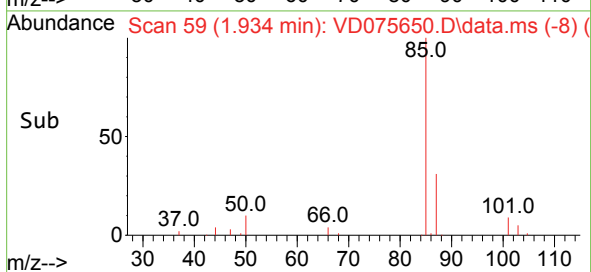
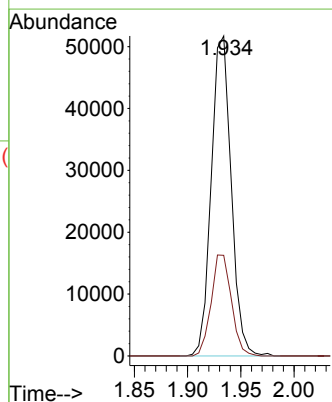
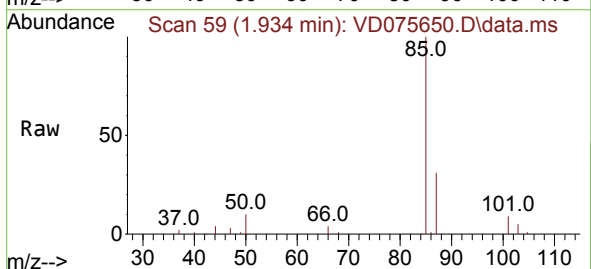
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ClientSampleId :
VSTDCCC050EC

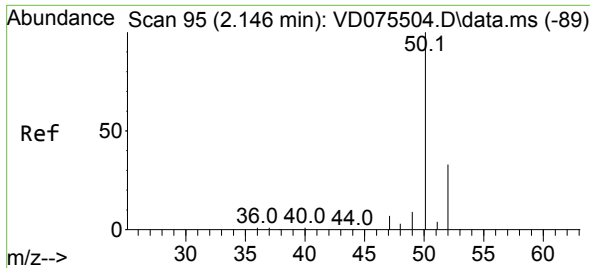
Tgt Ion:168 Resp: 184991
Ion Ratio Lower Upper
168 100
99 49.9 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 51.453 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 85 Resp: 67245
Ion Ratio Lower Upper
85 100
87 31.4 17.3 51.7

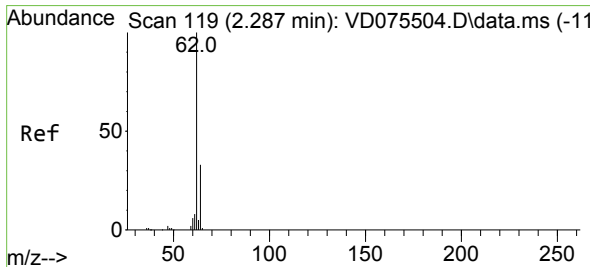
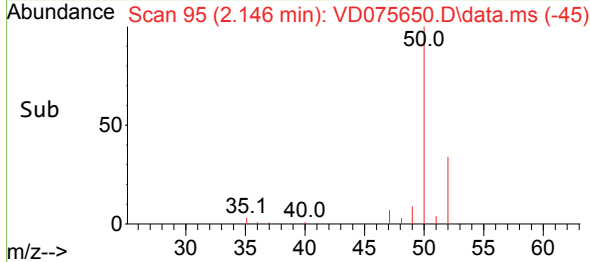
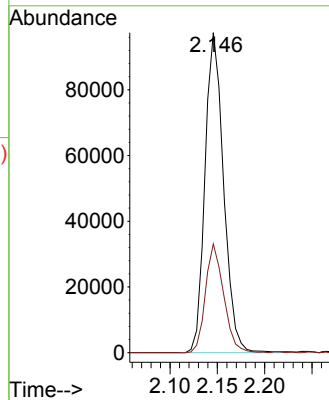
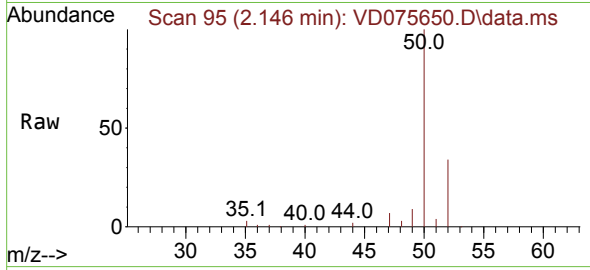




#3
Chloromethane
Concen: 58.317 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

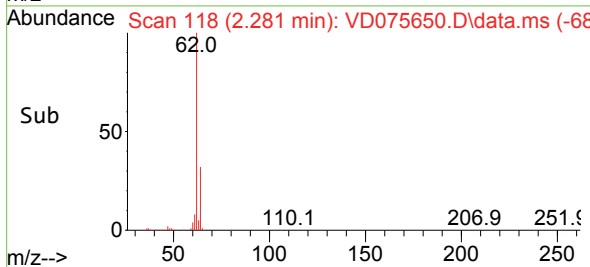
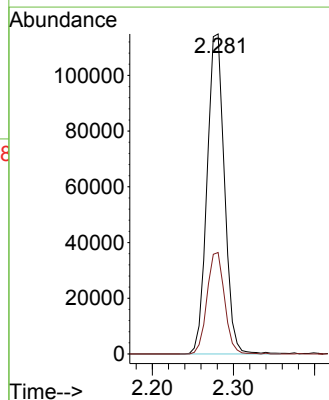
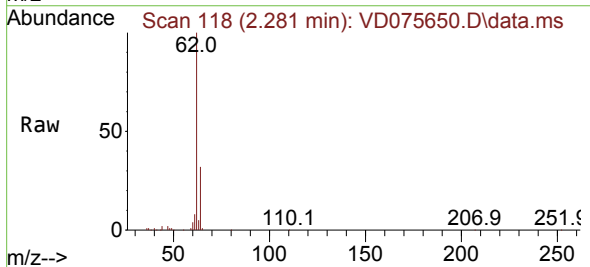
Instrument :
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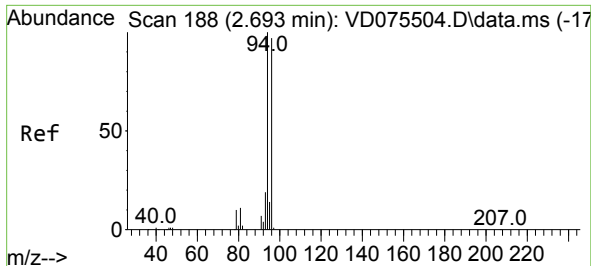
Tgt Ion: 50 Resp: 132537
Ion Ratio Lower Upper
50 100
52 34.0 27.8 41.8



#4
Vinyl Chloride
Concen: 53.561 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 62 Resp: 170416
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

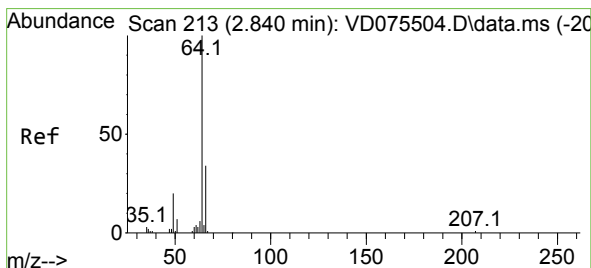
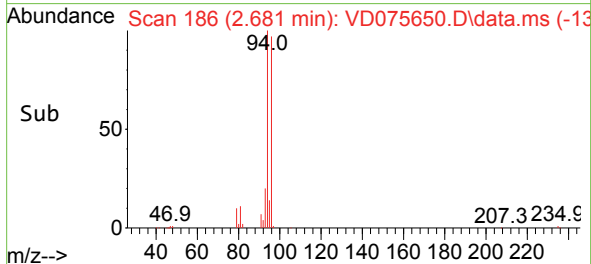
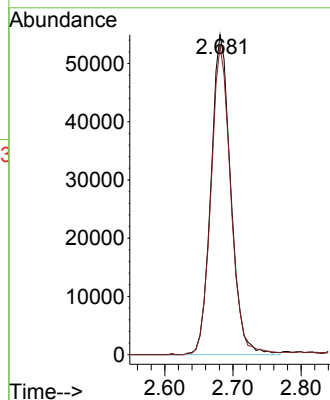
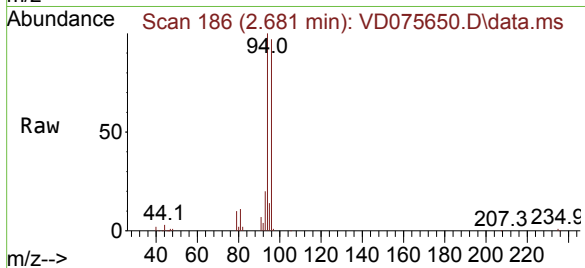




#5
Bromomethane
Concen: 43.871 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

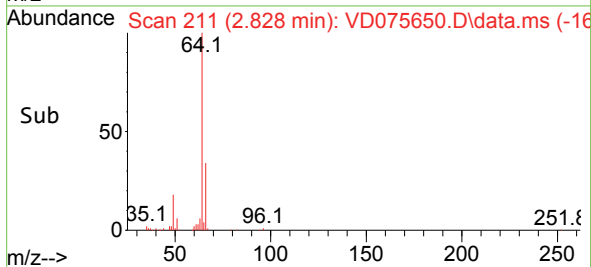
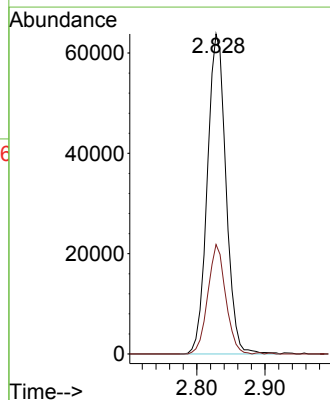
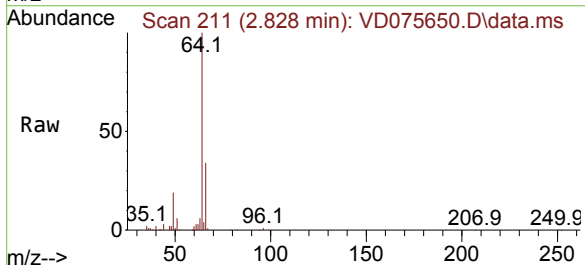
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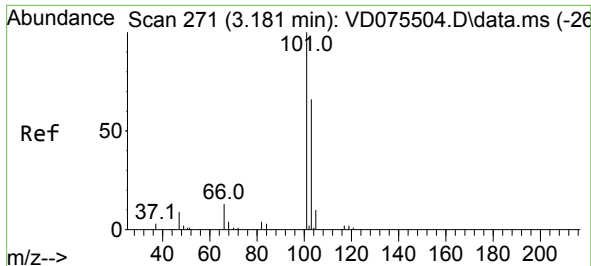
Tgt Ion: 94 Resp: 111154
Ion Ratio Lower Upper
94 100
96 96.6 77.5 116.3



#6
Chloroethane
Concen: 54.403 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 64 Resp: 121423
Ion Ratio Lower Upper
64 100
66 34.2 27.7 41.5

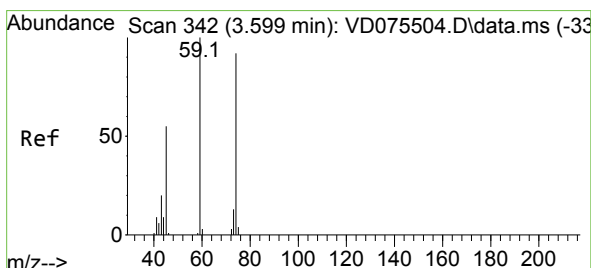
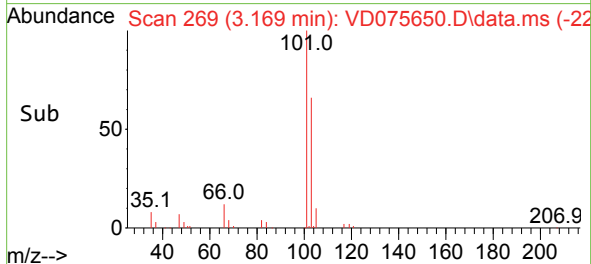
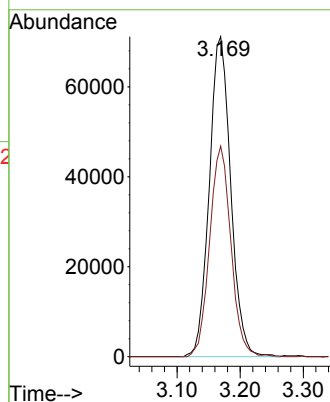
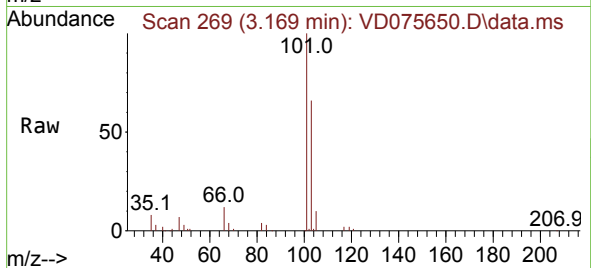




#7
Trichlorofluoromethane
Concen: 61.802 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.012 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

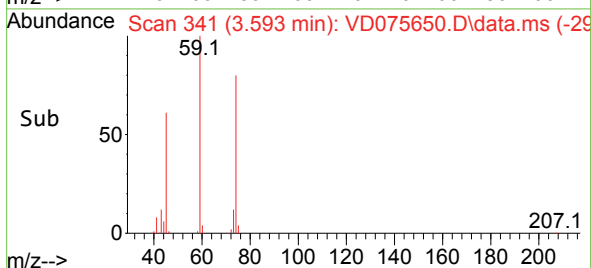
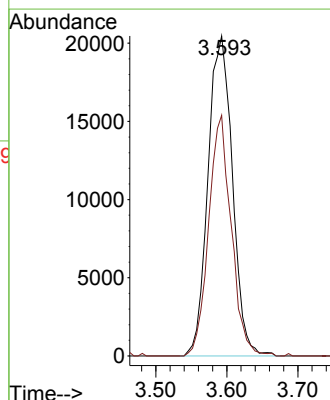
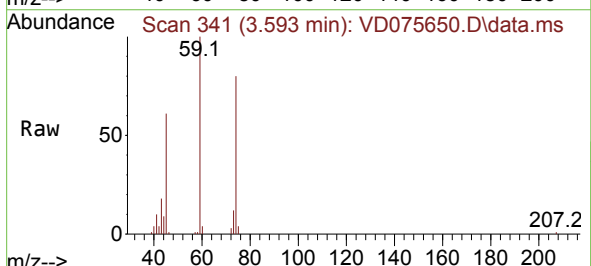
Instrument :
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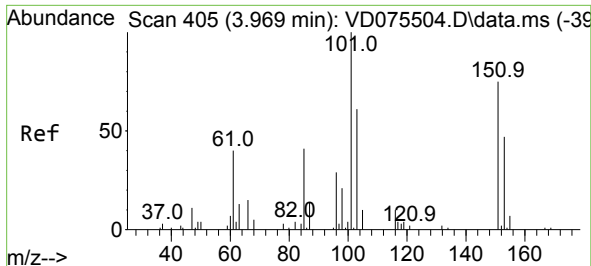
Tgt Ion:101 Resp: 167741
Ion Ratio Lower Upper
101 100
103 65.8 51.9 77.9



#8
Diethyl Ether
Concen: 58.301 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 74 Resp: 48874
Ion Ratio Lower Upper
74 100
45 69.7 50.9 152.7

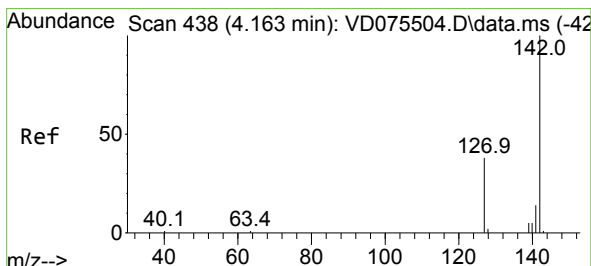
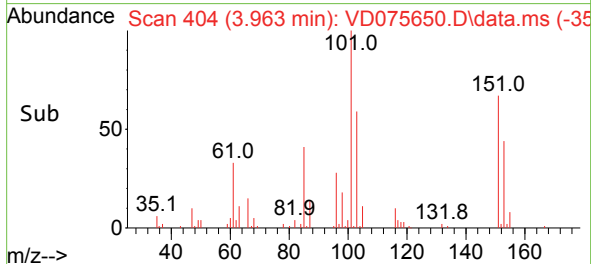
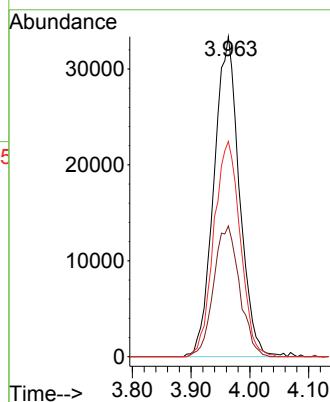
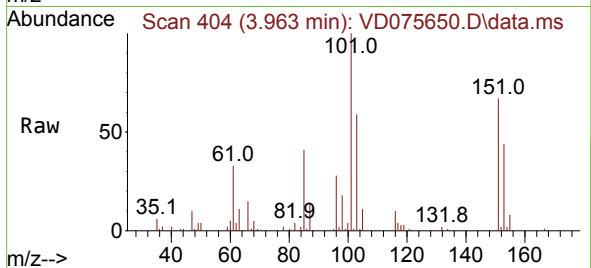




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.174 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075650.D
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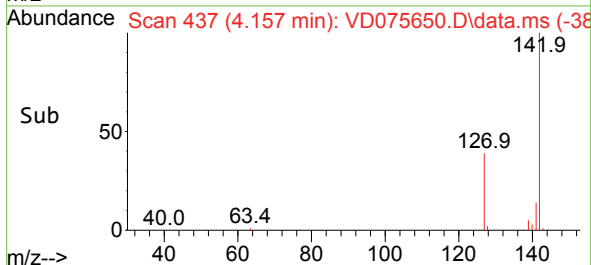
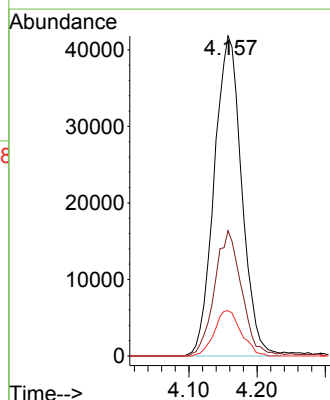
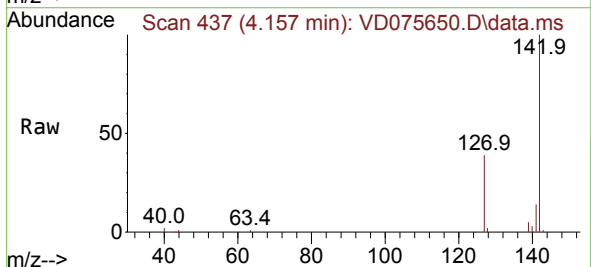
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

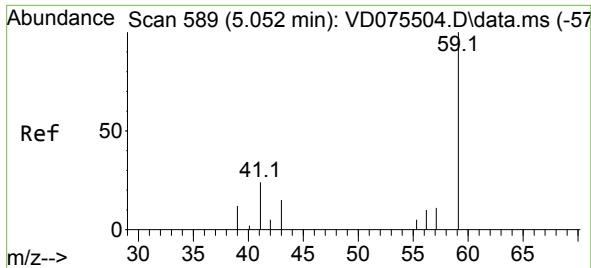
Tgt Ion:101 Resp: 100358
Ion Ratio Lower Upper
101 100
85 41.6 38.3 57.5
151 69.8 60.4 90.6



#10
Methyl Iodide
Concen: 54.910 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.007 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion:142 Resp: 117295
Ion Ratio Lower Upper
142 100
127 38.9 37.1 55.7
141 13.9 11.3 16.9

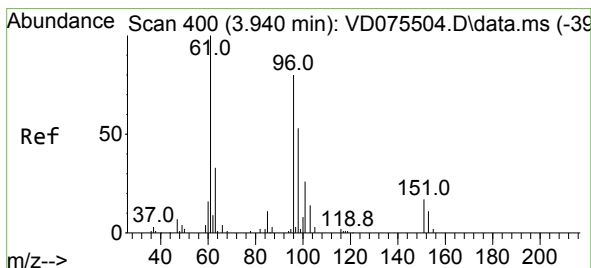
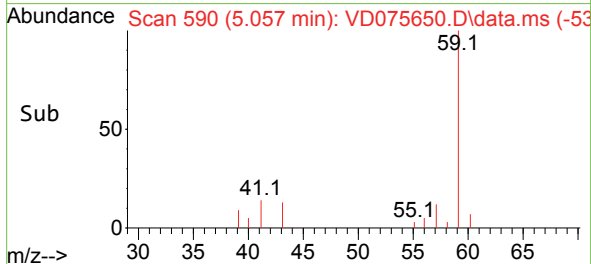
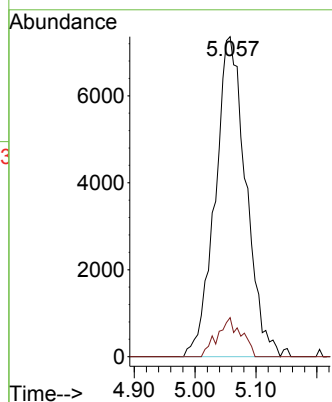
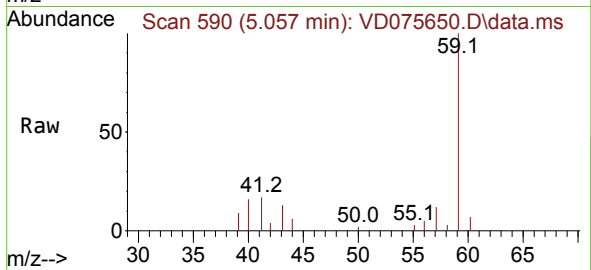




#11
Tert butyl alcohol
Concen: 359.073 ug/l
RT: 5.057 min Scan# 51
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

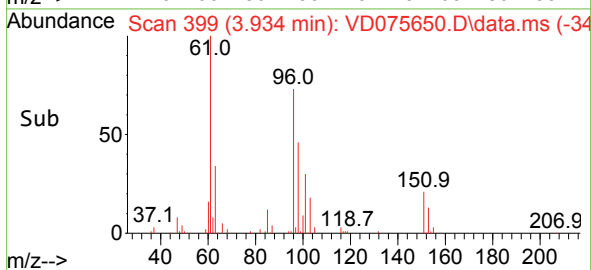
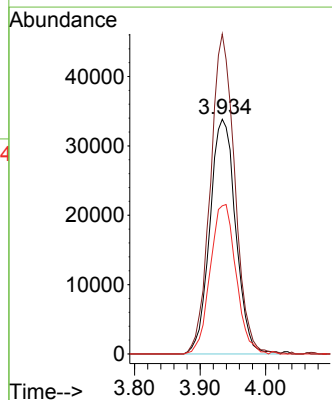
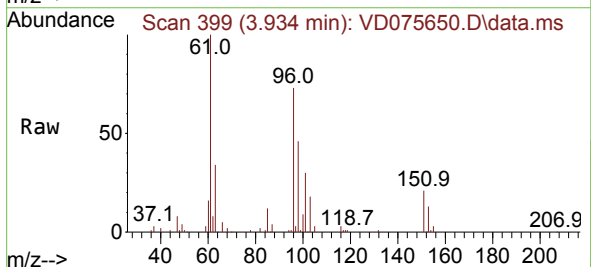
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

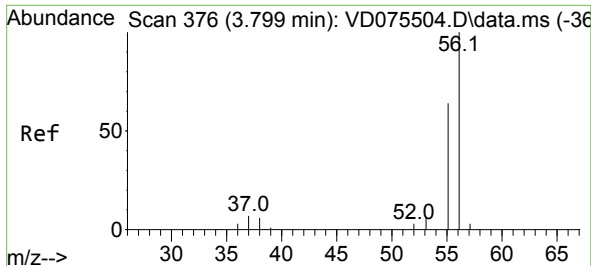
Tgt Ion: 59 Resp: 25762
Ion Ratio Lower Upper
59 100
57 9.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 53.826 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 96 Resp: 92302
Ion Ratio Lower Upper
96 100
61 136.3 118.6 177.8
98 63.1 49.7 74.5





#13

Acrolein

Concen: 324.815 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

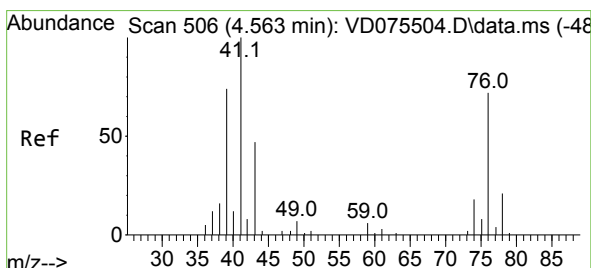
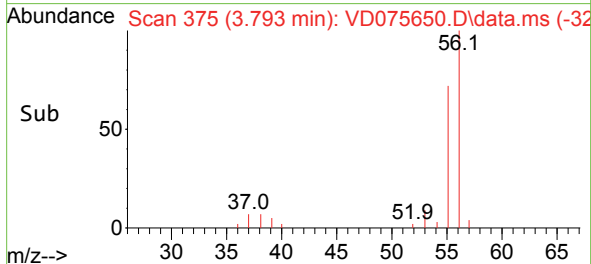
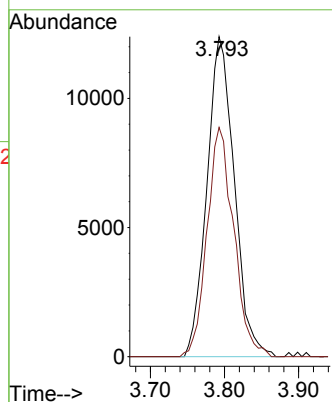
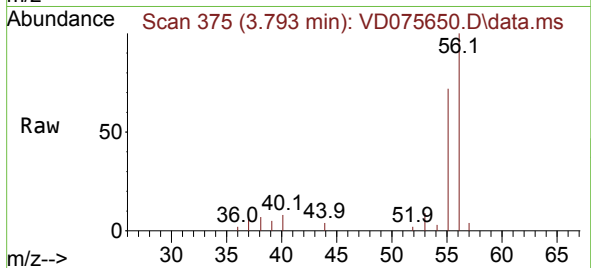
VSTDCCC050EC

Tgt Ion: 56 Resp: 31835

Ion Ratio Lower Upper

56 100

55 69.8 53.9 80.9



#14

Allyl chloride

Concen: 54.963 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.007 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

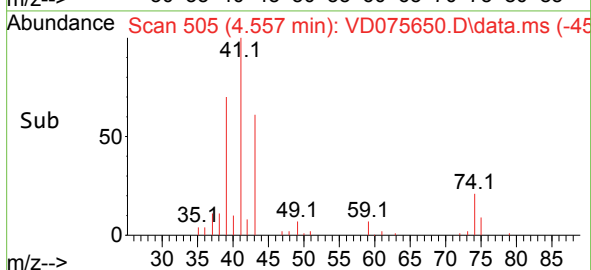
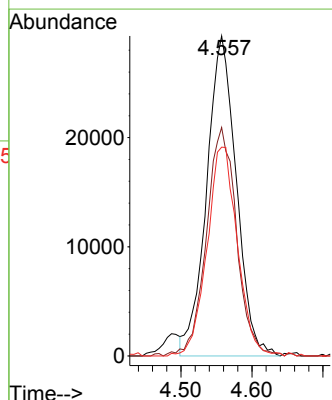
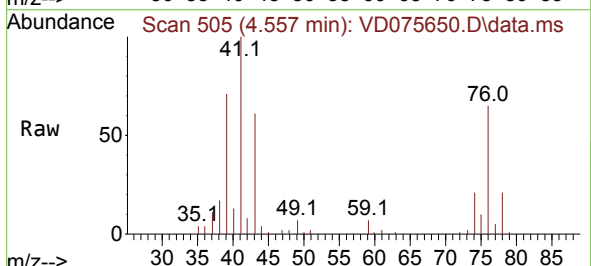
Tgt Ion: 41 Resp: 85061

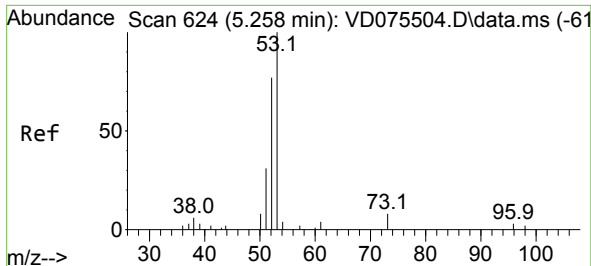
Ion Ratio Lower Upper

41 100

39 72.3 60.6 90.8

76 66.9 28.6 43.0#

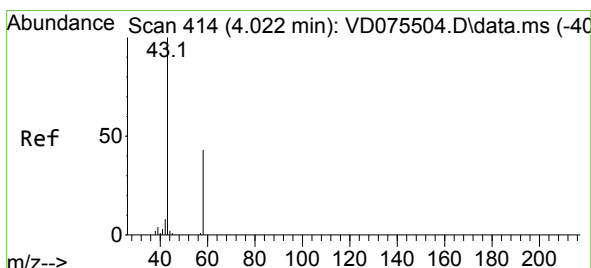
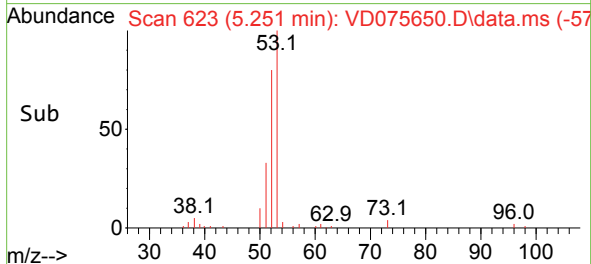
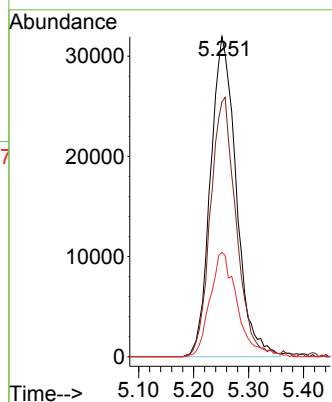
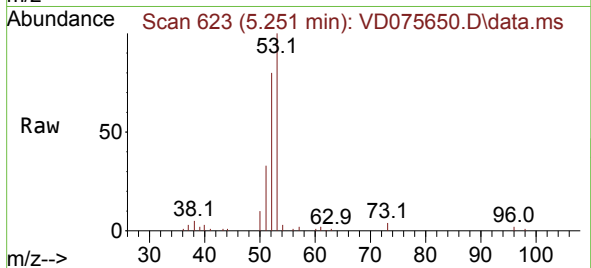




#15
Acrylonitrile
Concen: 324.194 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

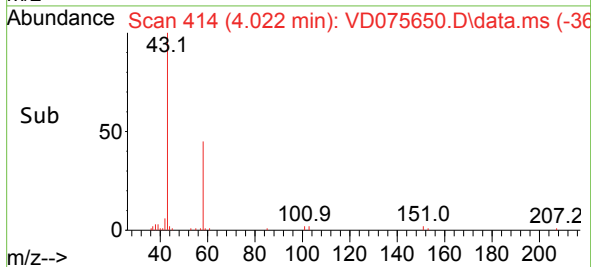
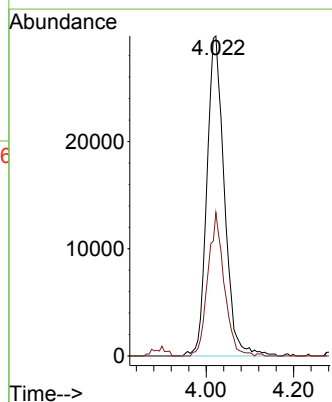
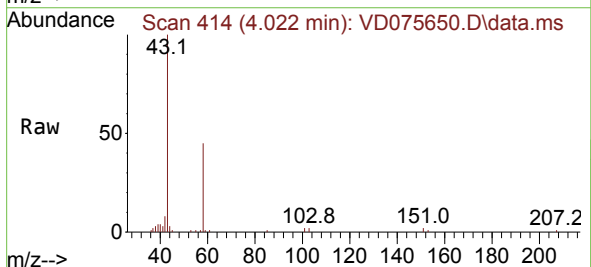
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

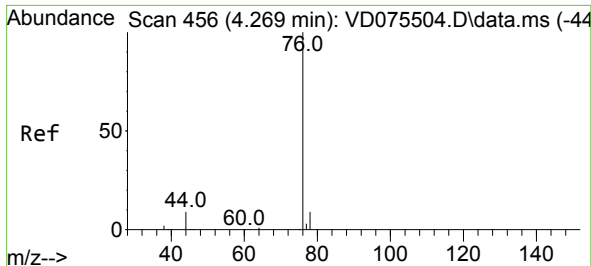
Tgt Ion: 53 Resp: 104145
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 299.445 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 43 Resp: 82802
Ion Ratio Lower Upper
43 100
58 44.8 24.4 36.6#

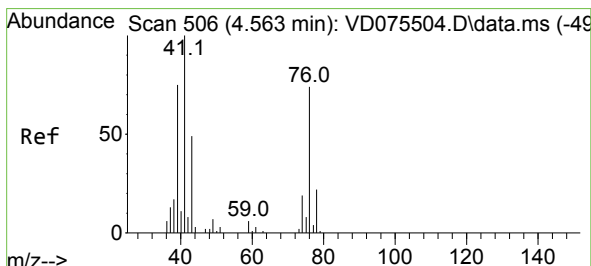
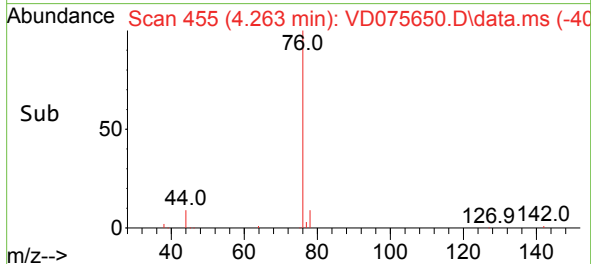
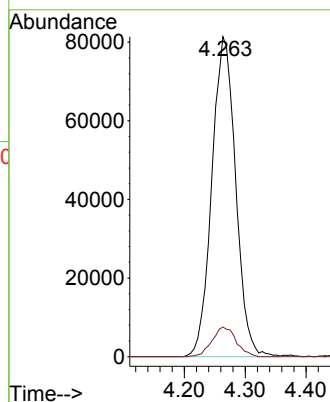
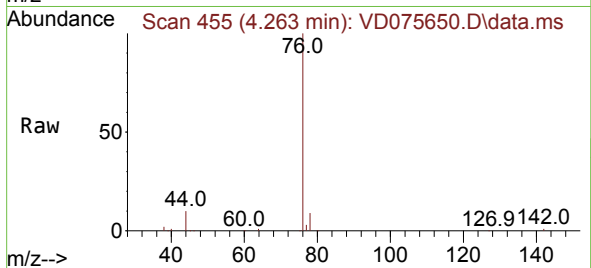




#17
Carbon Disulfide
Concen: 49.797 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

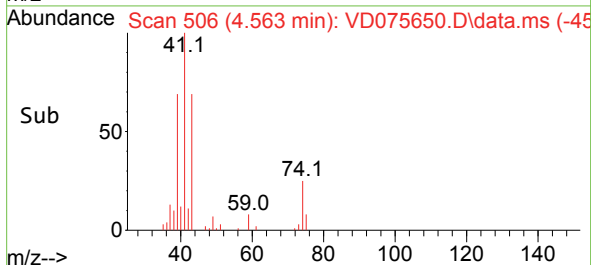
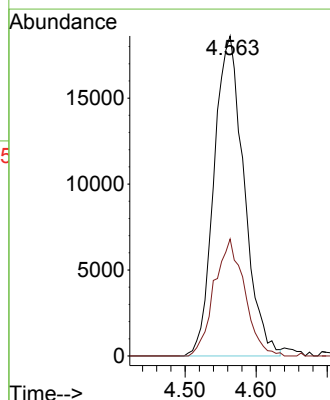
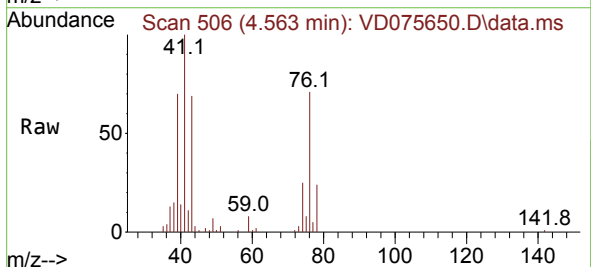
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

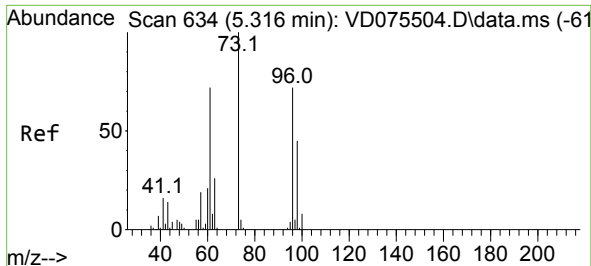
Tgt Ion: 76 Resp: 221013
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0



#18
Methyl Acetate
Concen: 65.296 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 43 Resp: 54492
Ion Ratio Lower Upper
43 100
74 37.0 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 61.155 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

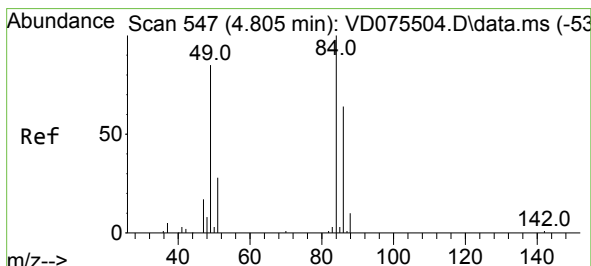
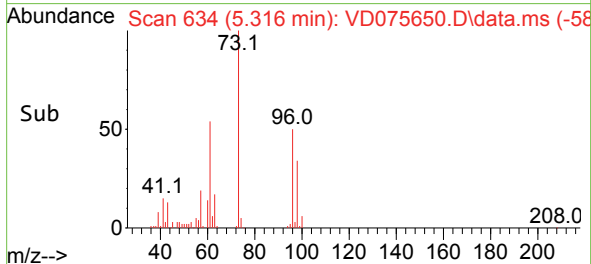
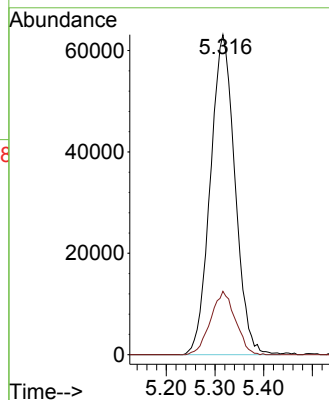
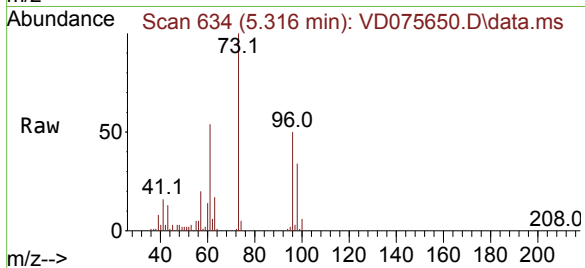
VSTDCCC050EC

Tgt Ion: 73 Resp: 221640

Ion Ratio Lower Upper

73 100

57 19.8 17.2 25.8



#20

Methylene Chloride

Concen: 54.720 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Tgt Ion: 84 Resp: 125808

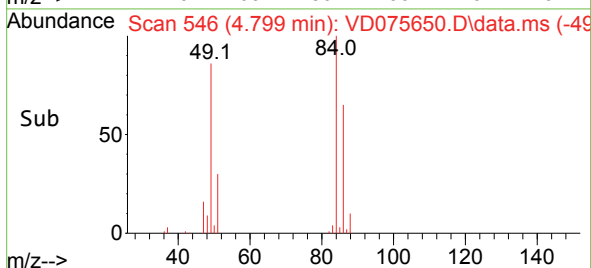
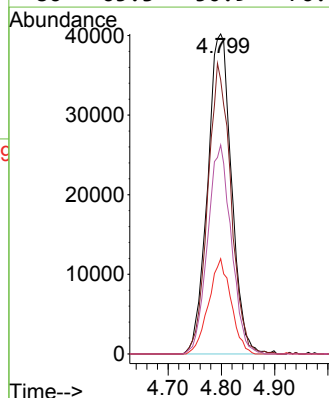
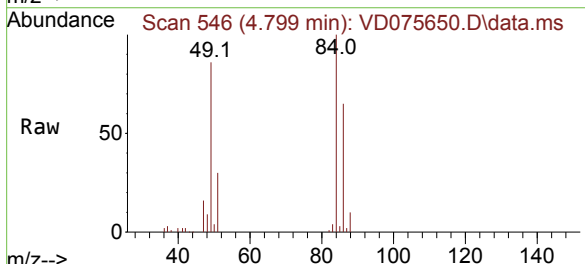
Ion Ratio Lower Upper

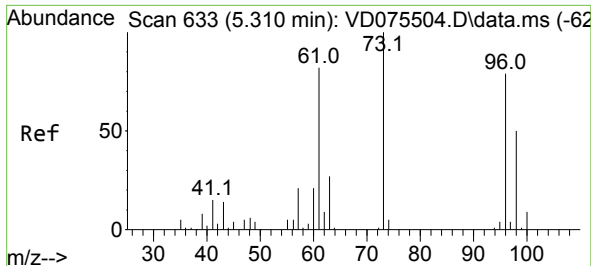
84 100

49 85.6 106.4 159.6#

51 29.8 32.4 48.6#

86 65.3 50.9 76.3

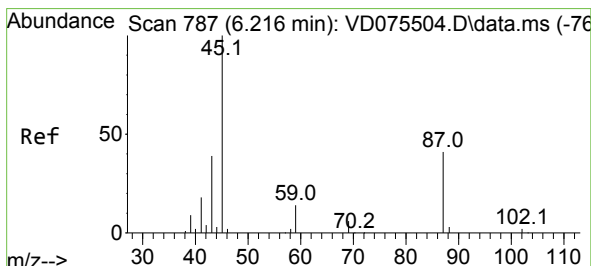
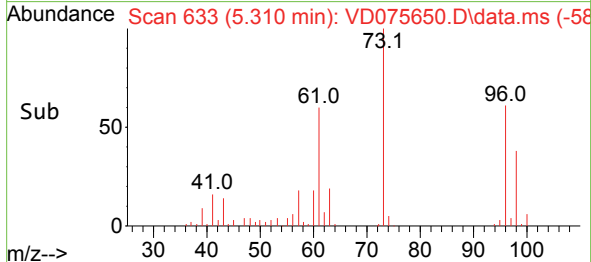
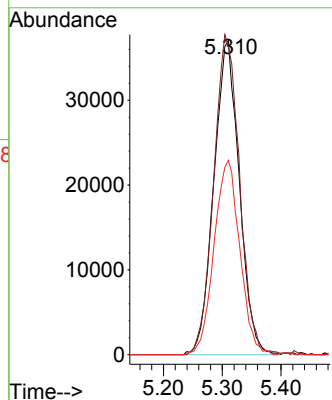
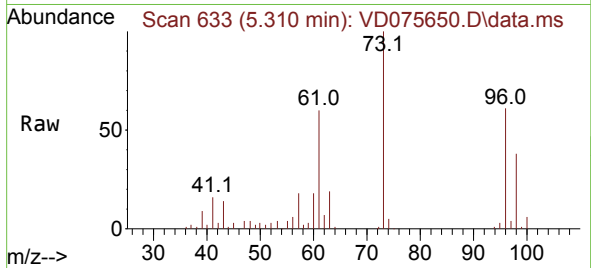




#21
trans-1,2-Dichloroethene
Concen: 54.906 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

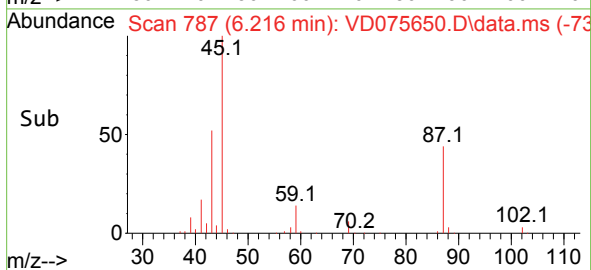
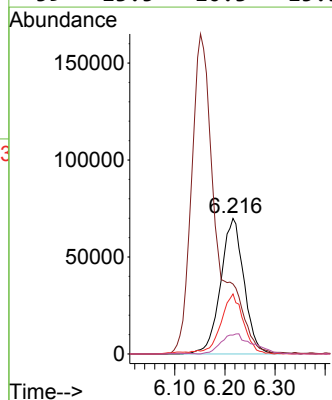
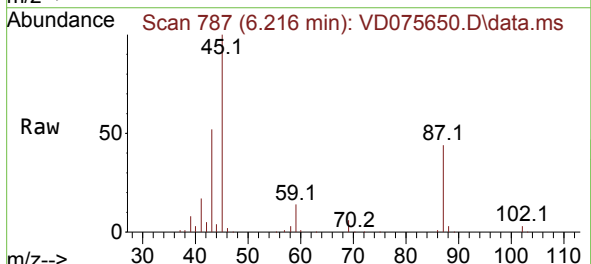
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

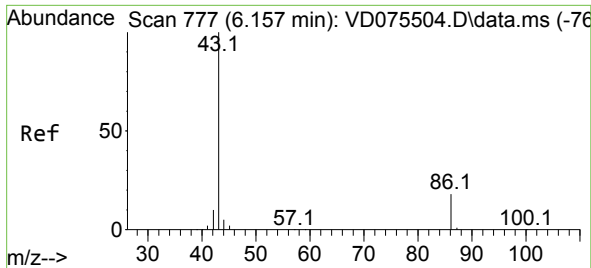
Tgt Ion: 96 Resp: 111136
Ion Ratio Lower Upper
96 100
61 98.0 117.2 175.8#
98 61.9 50.6 76.0



#22
Diisopropyl ether
Concen: 59.410 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 45 Resp: 225543
Ion Ratio Lower Upper
45 100
43 50.4 44.4 66.6
87 44.0 20.9 31.3#
59 13.5 10.3 15.5

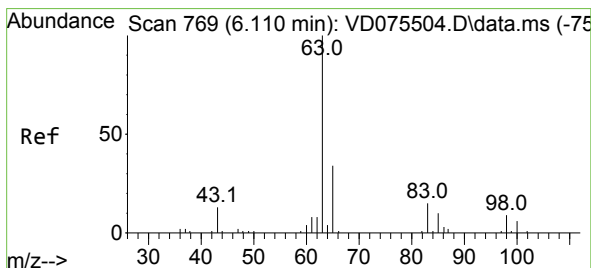
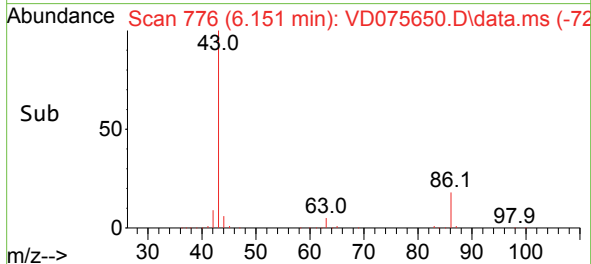
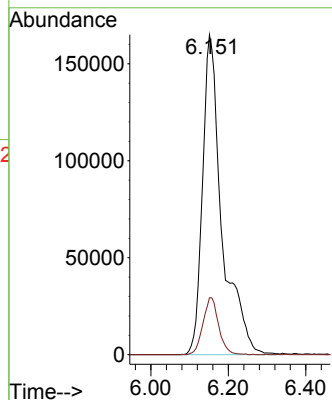
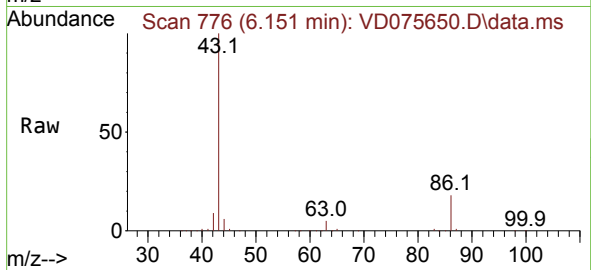




#23
 Vinyl Acetate
 Concen: 312.215 ug/l
 RT: 6.151 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: VD075650.D
 Acq: 12 Apr 2023 20:16

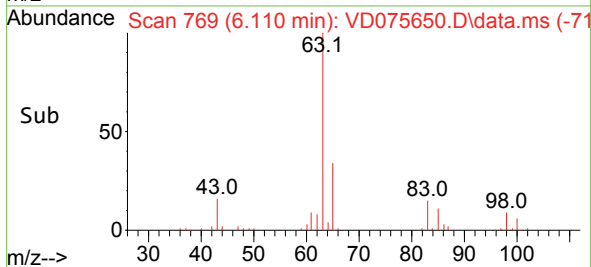
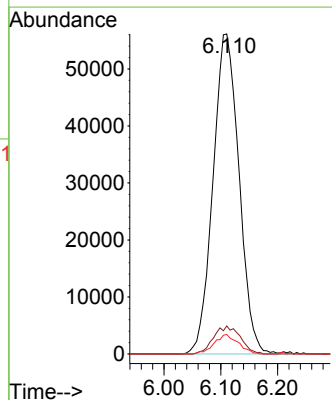
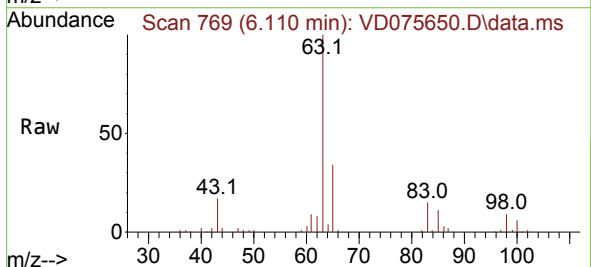
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

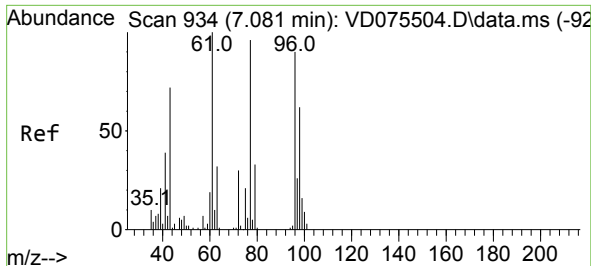
Tgt Ion: 43 Resp: 574891
 Ion Ratio Lower Upper
 43 100
 86 17.8 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 56.983 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: VD075650.D
 Acq: 12 Apr 2023 20:16

Tgt Ion: 63 Resp: 178642
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 6.1 2.0 6.0#

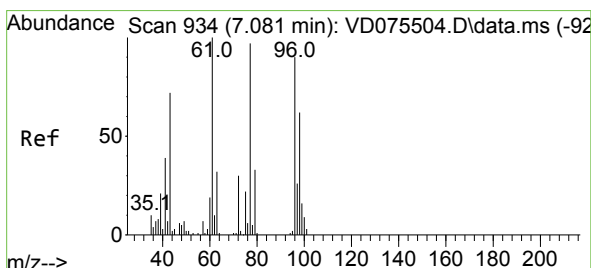
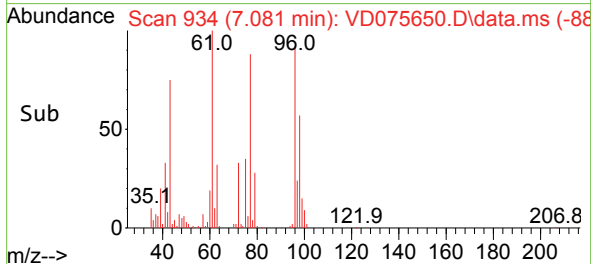
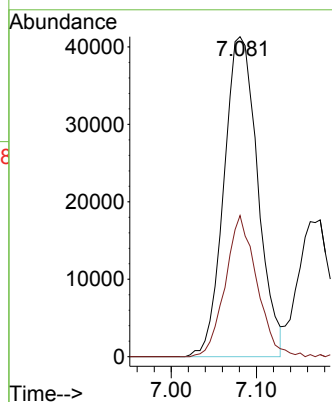
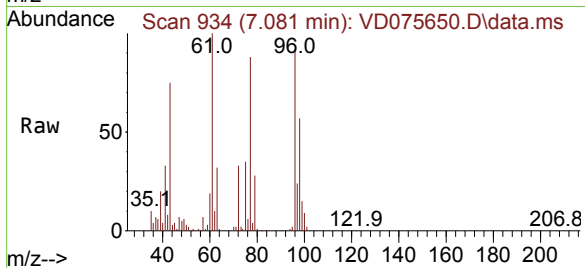




#25
2-Butanone
Concen: 317.934 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

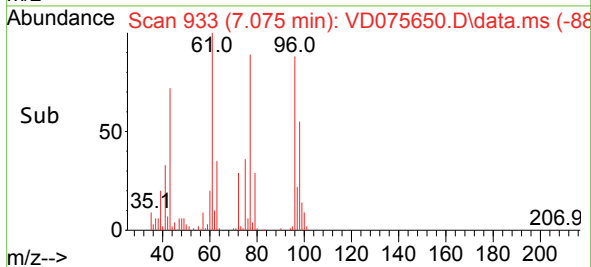
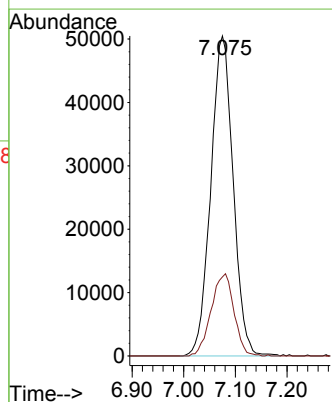
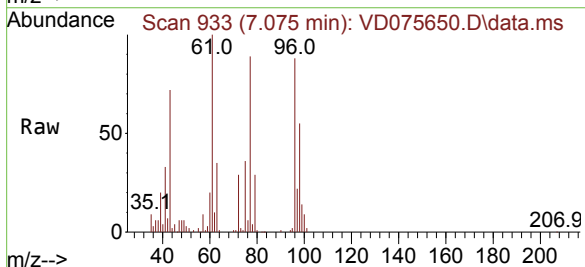
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

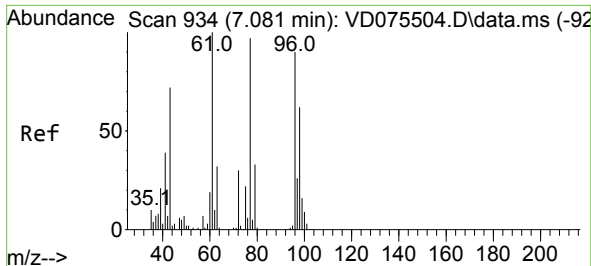
Tgt Ion: 43 Resp: 114093
Ion Ratio Lower Upper
43 100
72 44.1 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 52.796 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 77 Resp: 151837
Ion Ratio Lower Upper
77 100
97 26.2 11.1 33.1



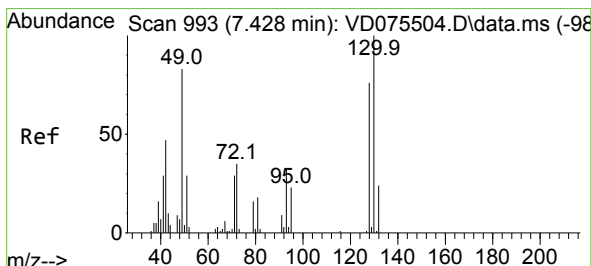
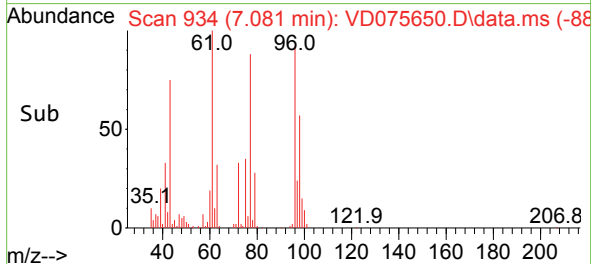
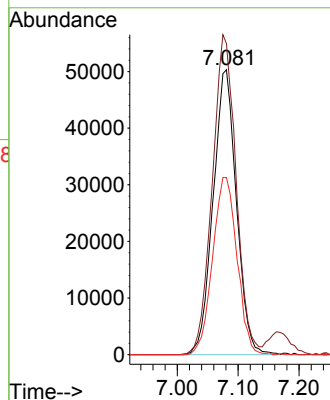
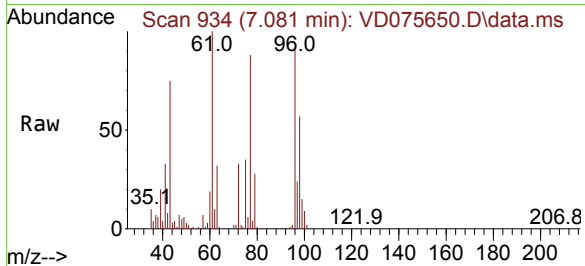


#27
 cis-1,2-Dichloroethene
 Concen: 56.158 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075650.D
 Acq: 12 Apr 2023 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 133838

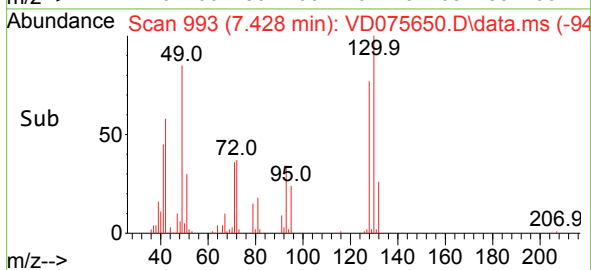
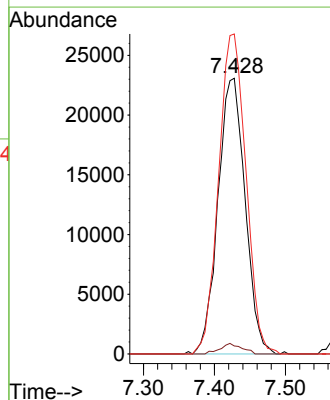
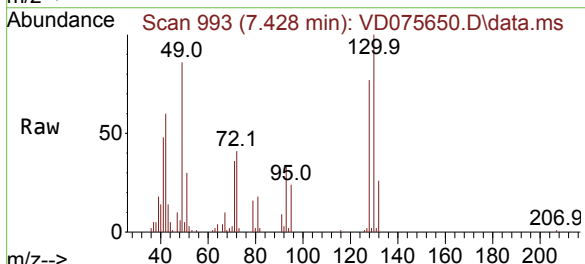
Ion	Ratio	Lower	Upper
96	100		
61	114.8	0.0	295.2
98	65.0	0.0	129.2

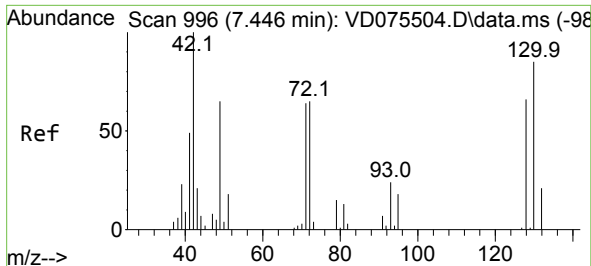


#28
 Bromochloromethane
 Concen: 57.170 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD075650.D
 Acq: 12 Apr 2023 20:16

Tgt Ion: 49 Resp: 61239

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	2.2#
130	116.6	56.0	84.0#





#29

Tetrahydrofuran

Concen: 347.693 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.001 min

Lab File: VD075650.D

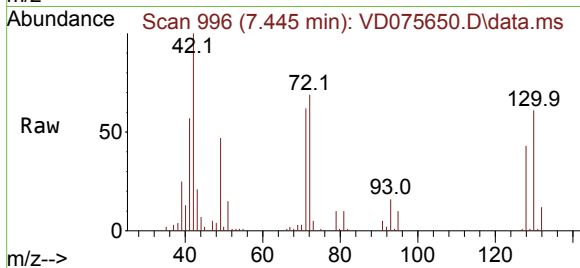
Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



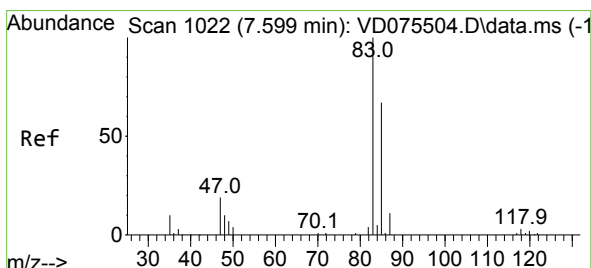
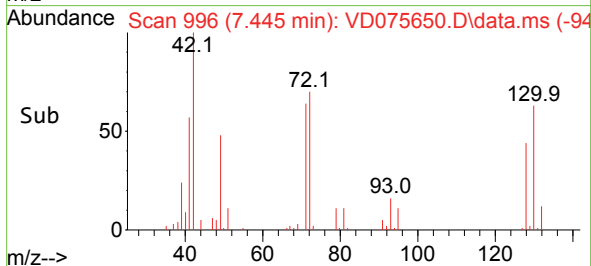
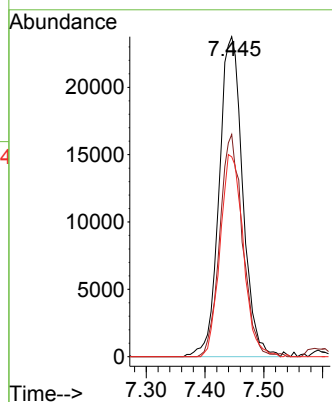
Tgt Ion: 42 Resp: 66074

Ion Ratio Lower Upper

42 100

72 67.1 31.8 47.6#

71 62.2 27.6 41.4#



#30

Chloroform

Concen: 58.505 ug/l

RT: 7.592 min Scan# 1021

Delta R.T. -0.007 min

Lab File: VD075650.D

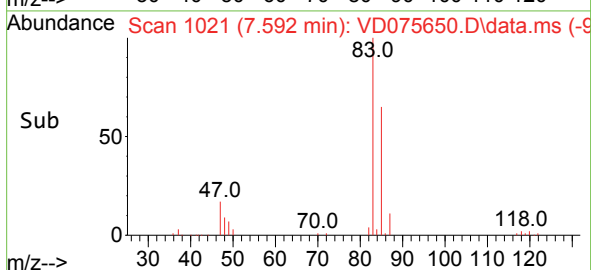
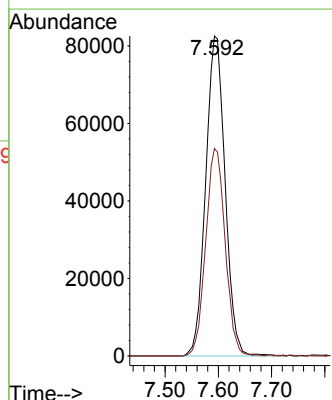
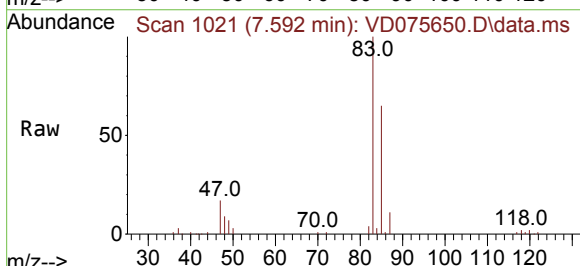
Acq: 12 Apr 2023 20:16

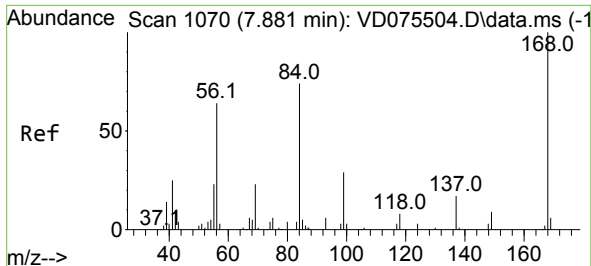
Tgt Ion: 83 Resp: 208658

Ion Ratio Lower Upper

83 100

85 64.8 49.4 74.2

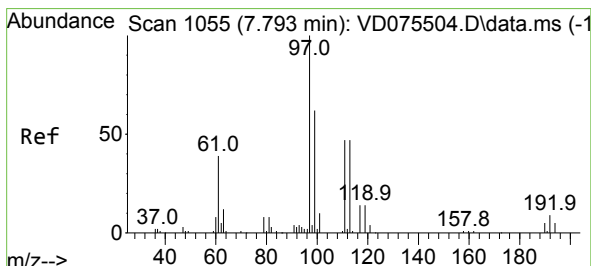
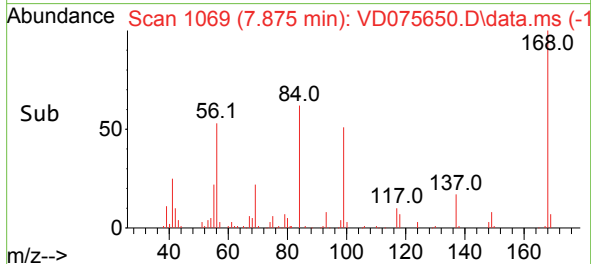
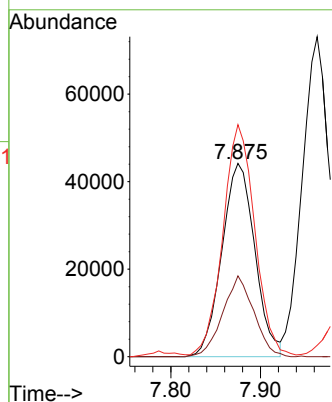
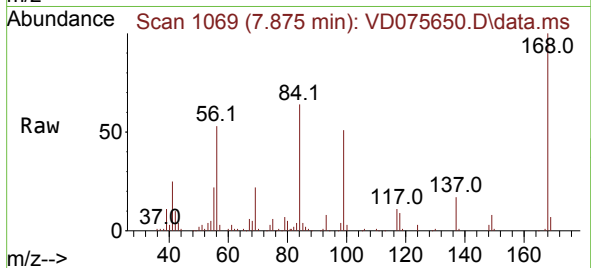




#31
Cyclohexane
Concen: 51.159 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

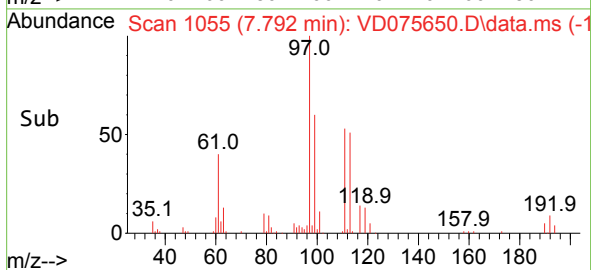
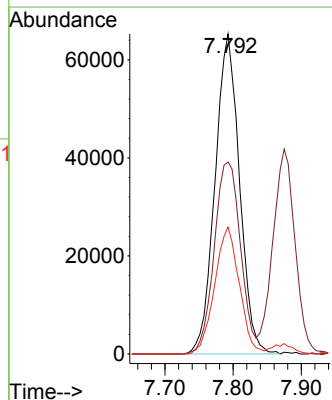
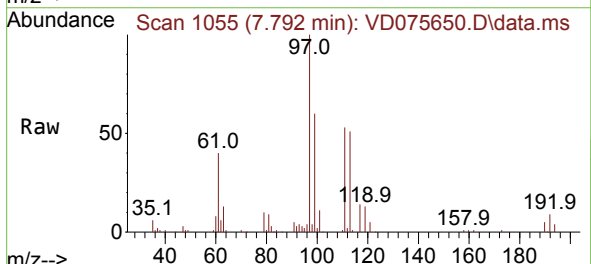
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

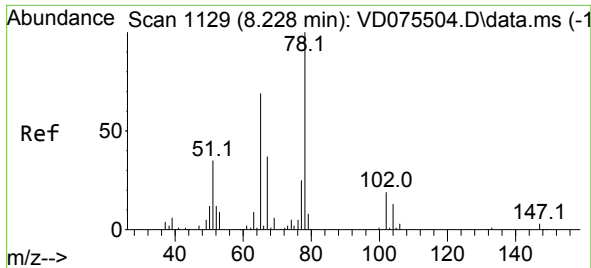
Tgt Ion: 56 Resp: 112952
Ion Ratio Lower Upper
56 100
69 41.8 25.5 38.3#
84 118.7 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 54.940 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 97 Resp: 163065
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 40.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 56.601 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

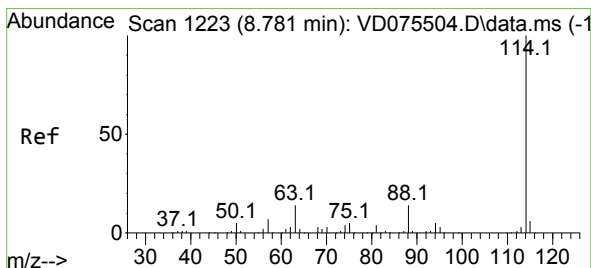
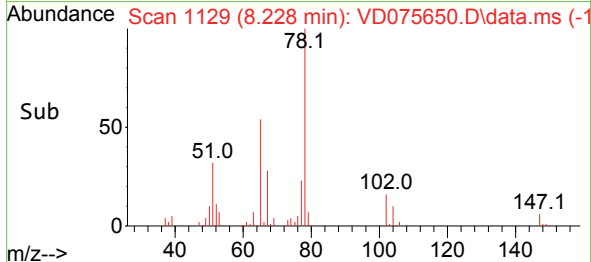
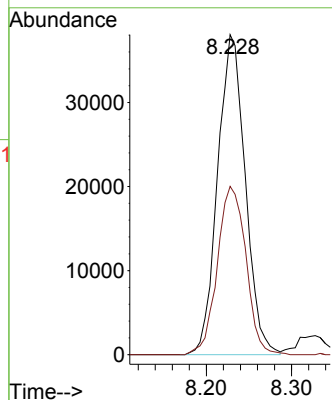
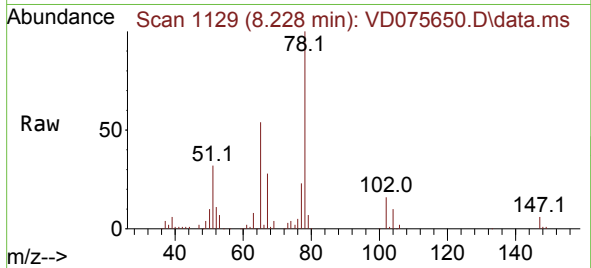
VSTDCCC050EC

Tgt Ion: 65 Resp: 85896

Ion Ratio Lower Upper

65 100

67 54.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

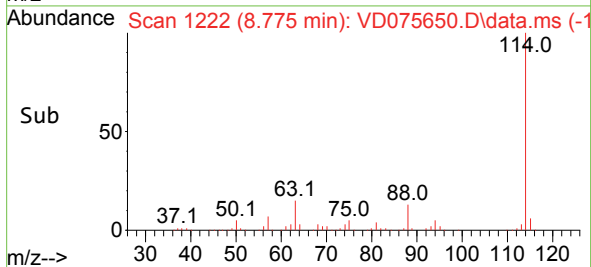
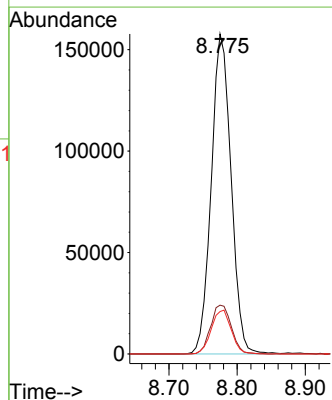
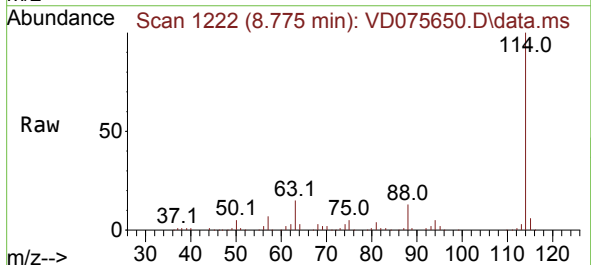
Tgt Ion: 114 Resp: 319468

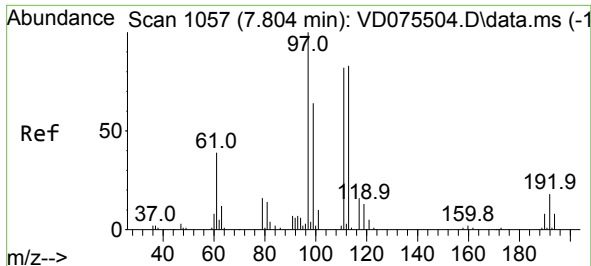
Ion Ratio Lower Upper

114 100

63 15.2 0.0 41.6

88 13.3 0.0 30.6

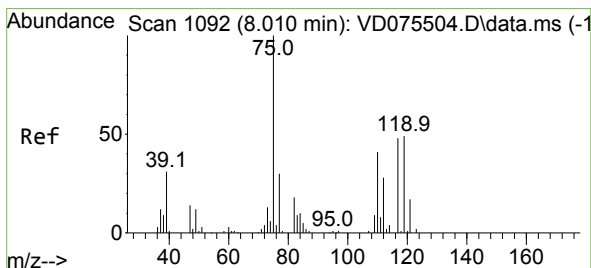
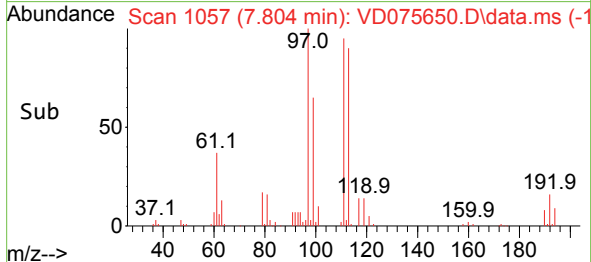
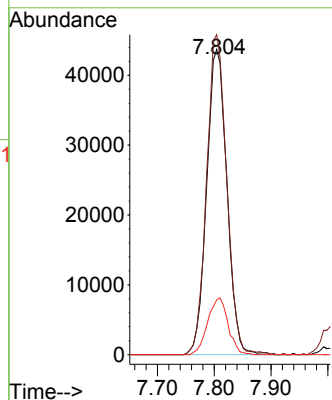
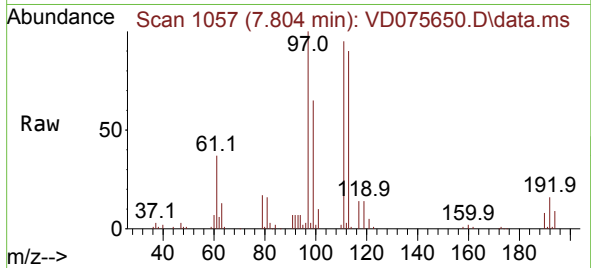




#35
Dibromofluoromethane
Concen: 57.795 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

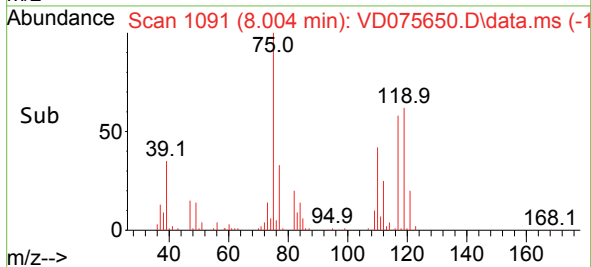
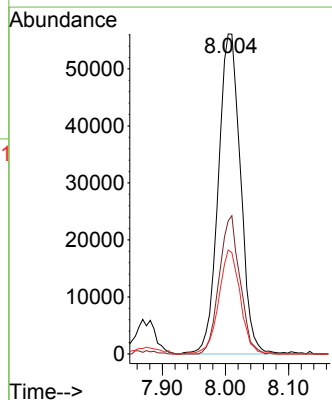
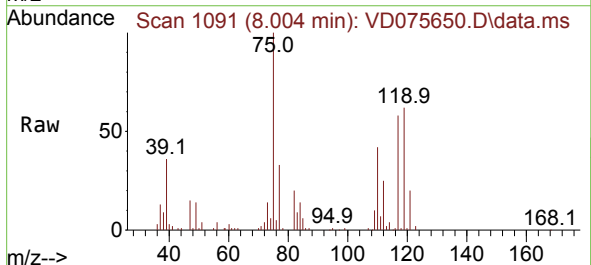
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

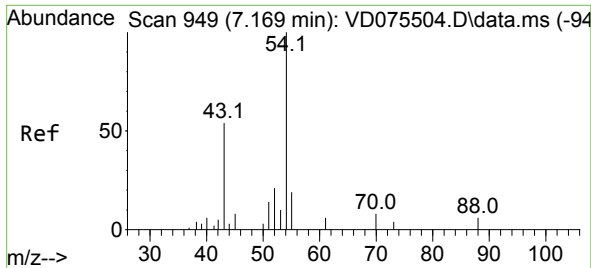
Tgt Ion:113 Resp: 108207
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 18.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 57.338 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 75 Resp: 137103
Ion Ratio Lower Upper
75 100
110 40.2 17.1 51.2
77 31.5 24.6 36.8

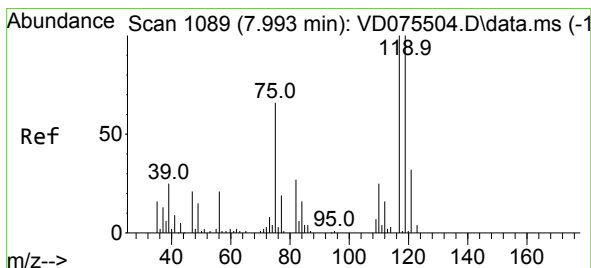
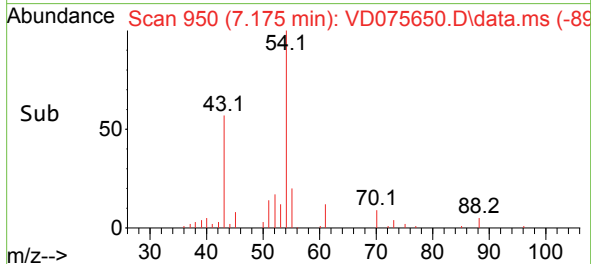
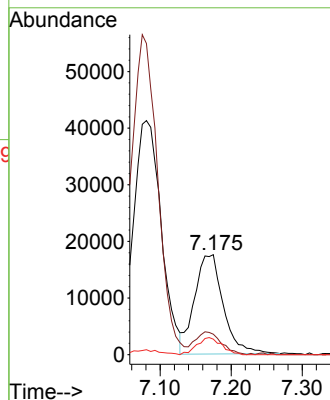
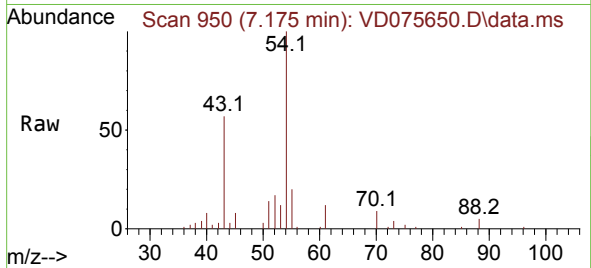




#37
Ethyl Acetate
Concen: 68.681 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

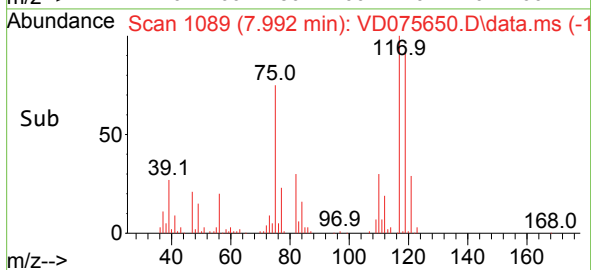
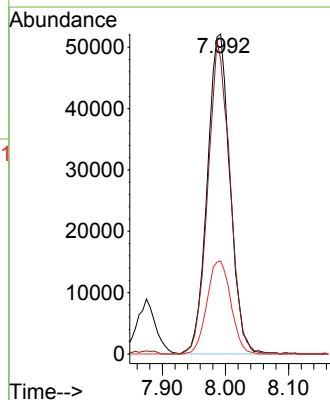
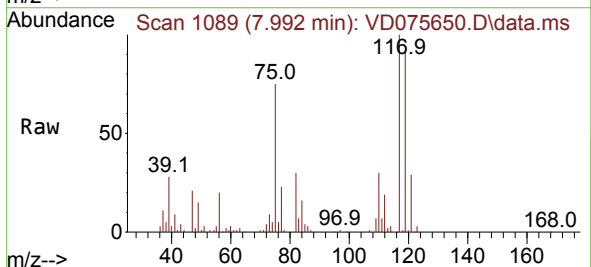
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

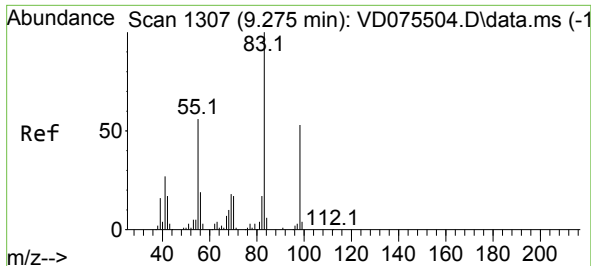
Tgt Ion: 43 Resp: 49375
Ion Ratio Lower Upper
43 100
61 20.4 0.0 0.0#
70 14.7 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 56.715 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 117 Resp: 130050
Ion Ratio Lower Upper
117 100
119 92.1 74.7 112.1
121 29.1 25.9 38.9





#39

Methylcyclohexane

Concen: 55.253 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

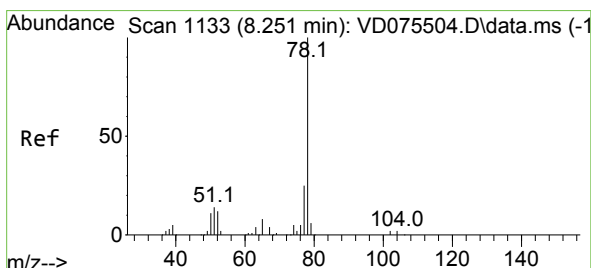
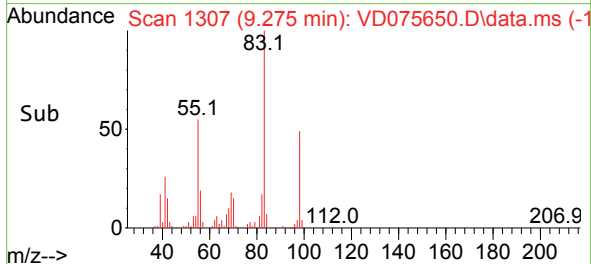
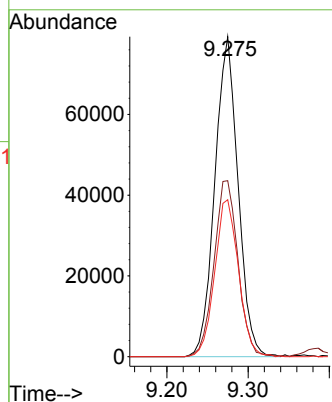
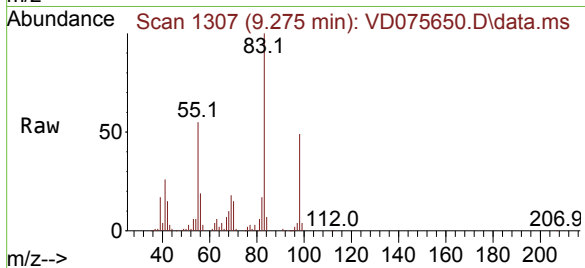
Tgt Ion: 83 Resp: 157320

Ion Ratio Lower Upper

83 100

55 55.0 56.8 85.2#

98 49.1 38.9 58.3



#40

Benzene

Concen: 57.832 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075650.D

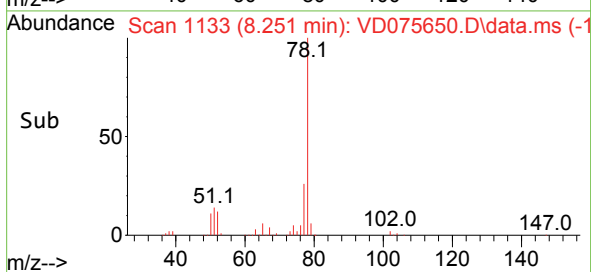
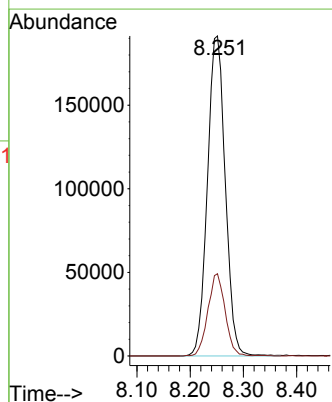
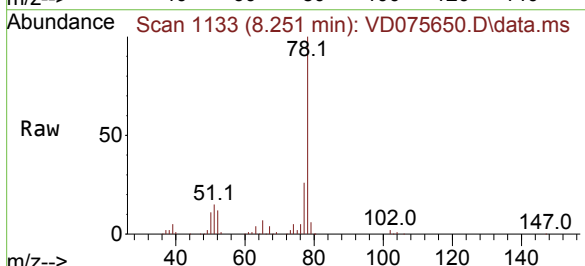
Acq: 12 Apr 2023 20:16

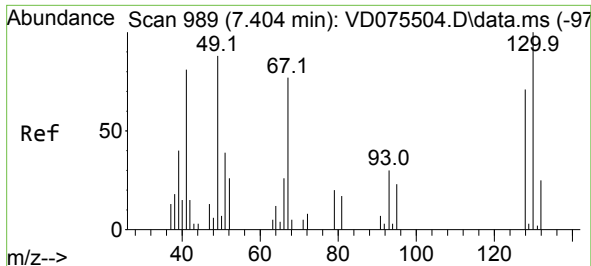
Tgt Ion: 78 Resp: 445586

Ion Ratio Lower Upper

78 100

77 25.7 19.1 28.7

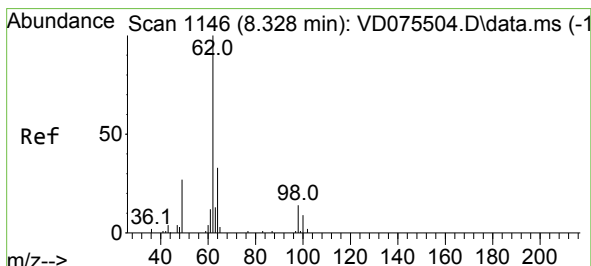
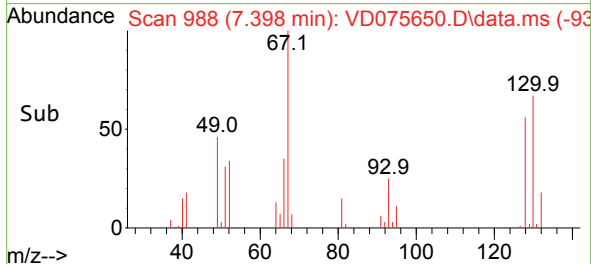
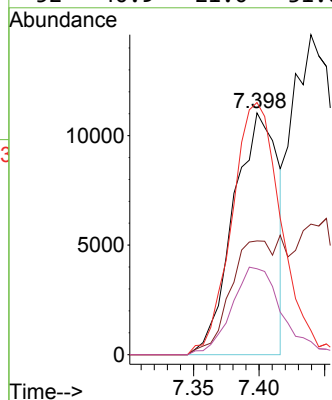
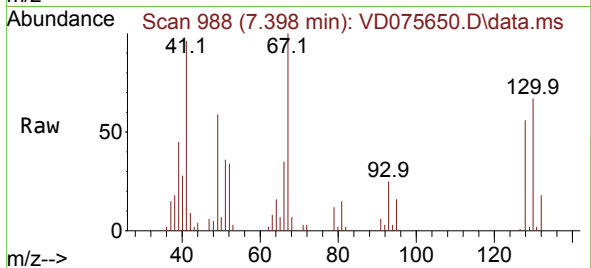




#41
Methacrylonitrile
Concen: 64.000 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

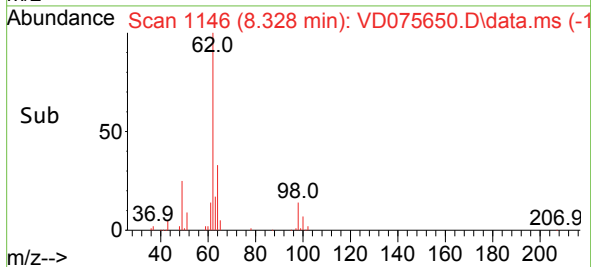
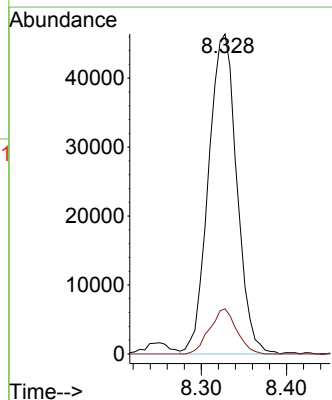
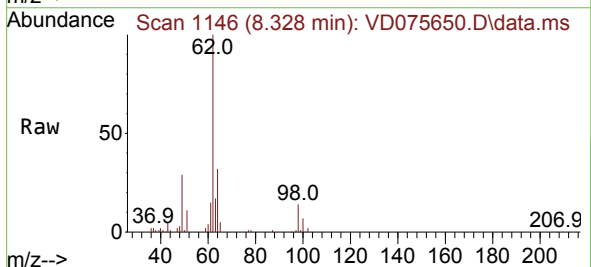
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

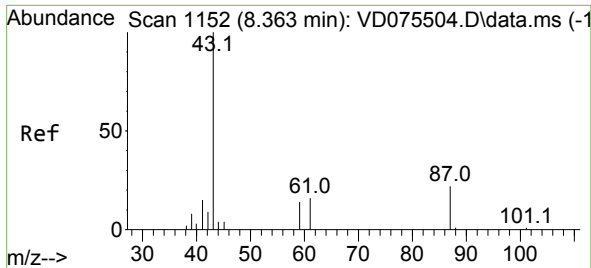
Tgt Ion: 41 Resp: 25897
Ion Ratio Lower Upper
41 100
39 44.9 45.3 67.9#
67 116.6 50.5 75.7#
52 40.9 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 59.923 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 62 Resp: 107274
Ion Ratio Lower Upper
62 100
98 13.5 0.0 18.8

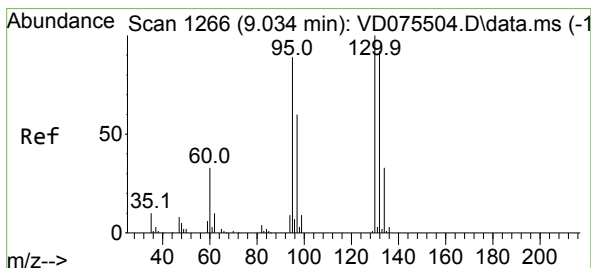
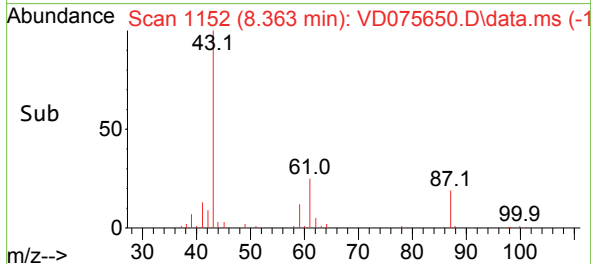
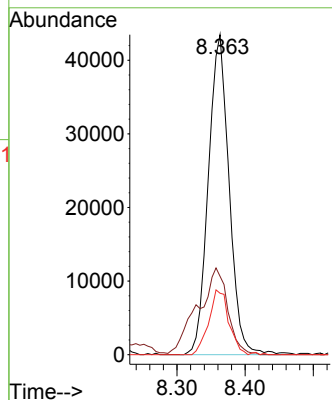
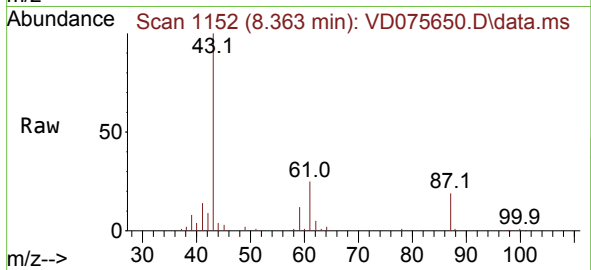




#43
Isopropyl Acetate
Concen: 67.174 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

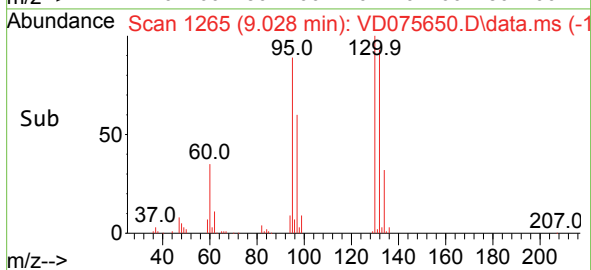
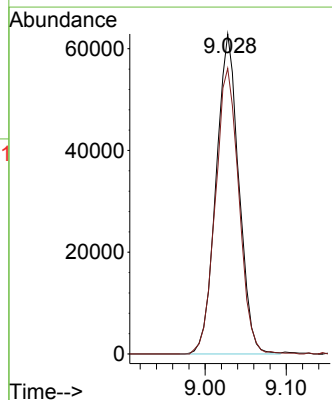
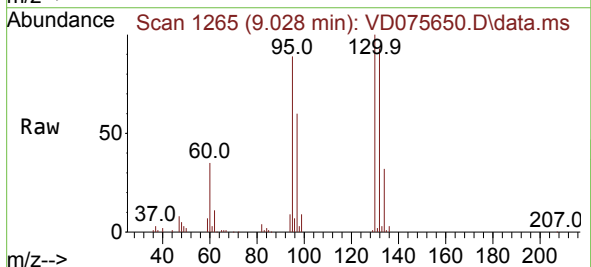
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

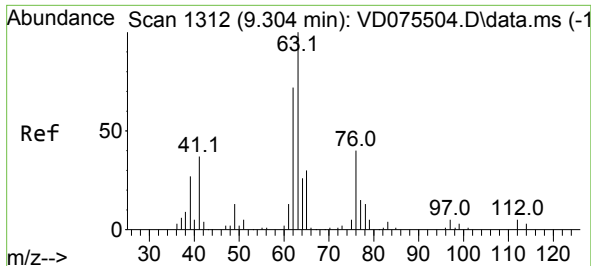
Tgt Ion: 43 Resp: 92187
Ion Ratio Lower Upper
43 100
61 39.0 23.4 35.0#
87 19.6 9.5 14.3#



#44
Trichloroethene
Concen: 54.189 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion:130 Resp: 122294
Ion Ratio Lower Upper
130 100
95 89.3 0.0 197.6





#45

1,2-Dichloropropane

Concen: 59.289 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

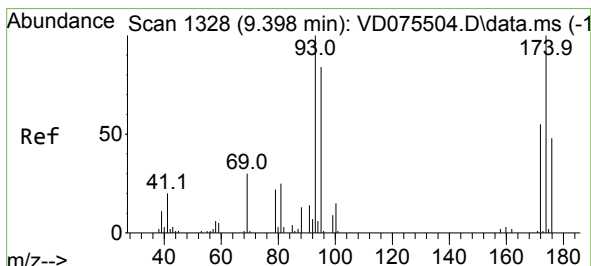
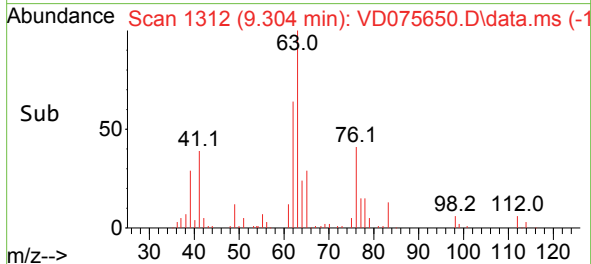
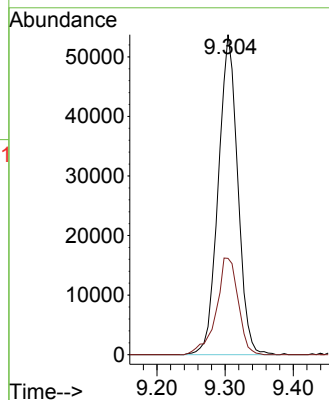
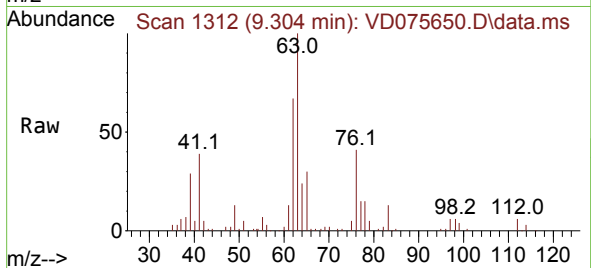
VSTDCCC050EC

Tgt Ion: 63 Resp: 106565

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.4



#46

Dibromomethane

Concen: 59.839 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

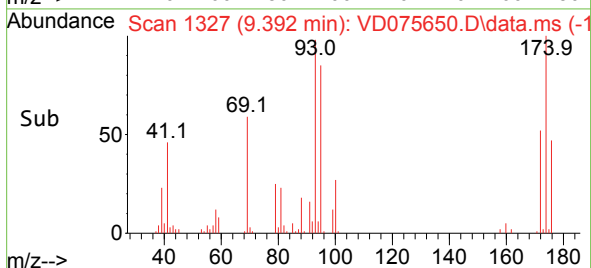
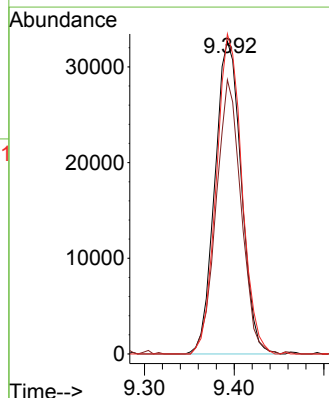
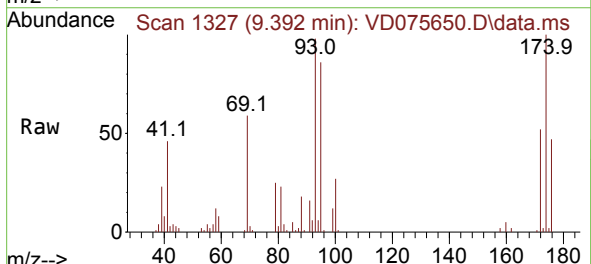
Tgt Ion: 93 Resp: 66779

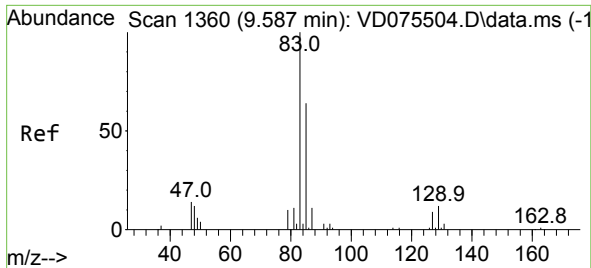
Ion Ratio Lower Upper

93 100

95 82.9 64.5 96.7

174 98.8 76.2 114.4

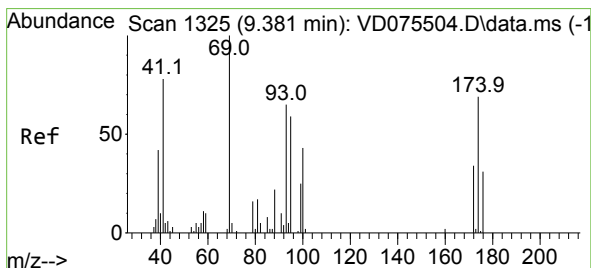
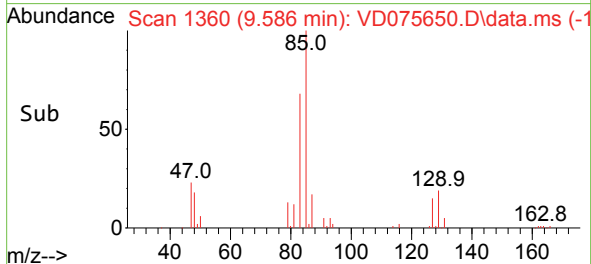
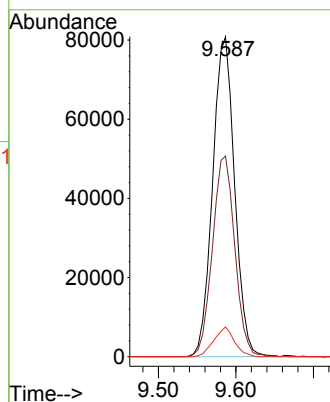
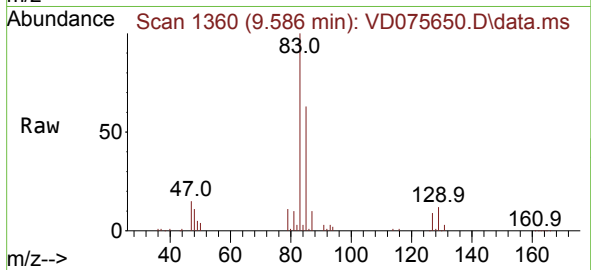




#47
Bromodichloromethane
Concen: 58.926 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

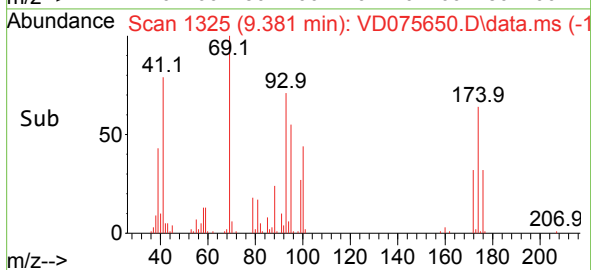
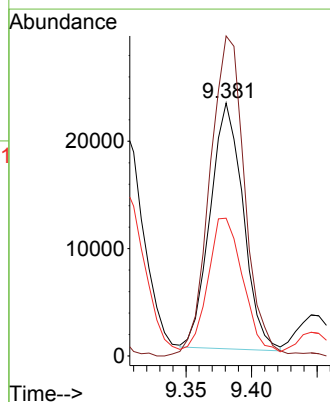
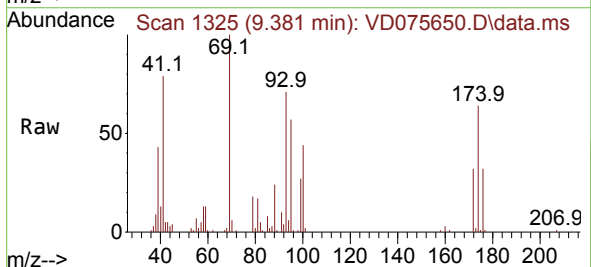
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

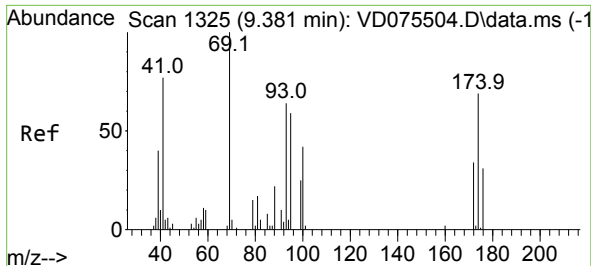
Tgt Ion: 83 Resp: 159026
Ion Ratio Lower Upper
83 100
85 62.7 53.7 80.5
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 64.384 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 41 Resp: 40042
Ion Ratio Lower Upper
41 100
69 138.5 58.6 88.0#
39 57.2 53.4 80.0





#49

1,4-Dioxane

Concen: 1530.224 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

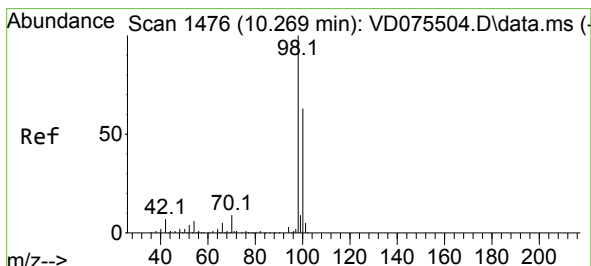
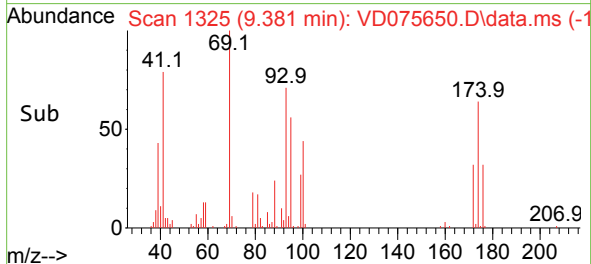
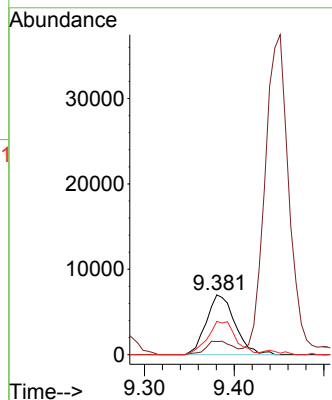
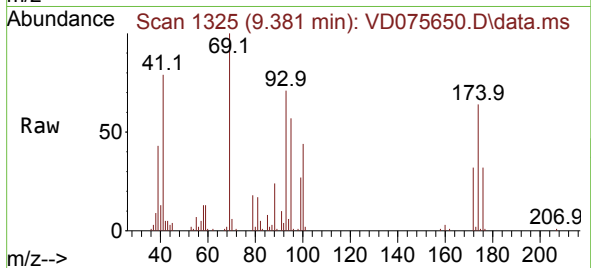
Tgt Ion: 88 Resp: 15480

Ion Ratio Lower Upper

88 100

43 20.7 34.6 51.8#

58 55.0 58.0 87.0#



#50

Toluene-d8

Concen: 55.143 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075650.D

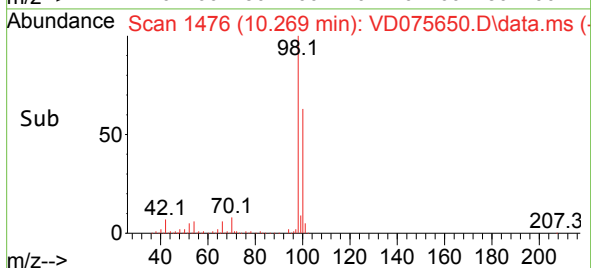
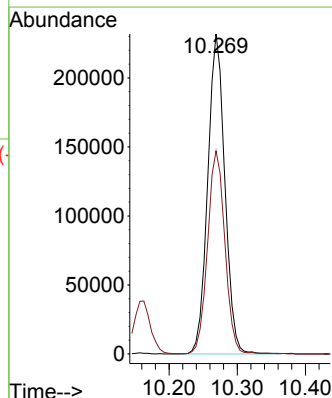
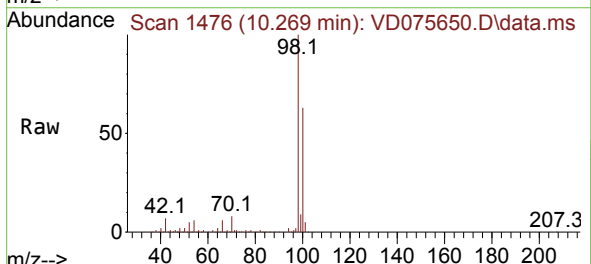
Acq: 12 Apr 2023 20:16

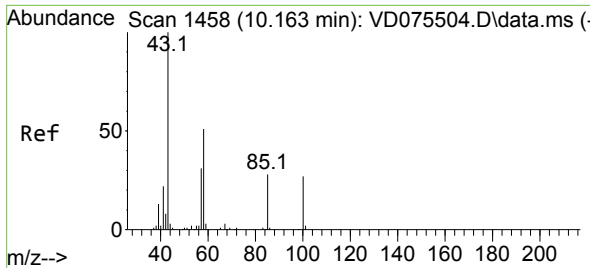
Tgt Ion: 98 Resp: 404952

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

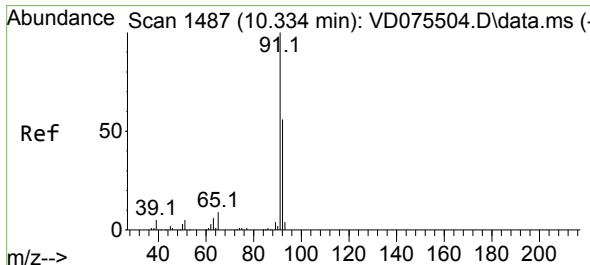
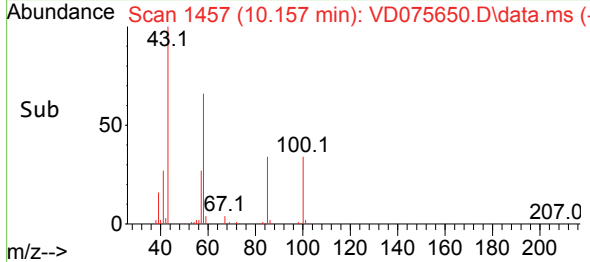
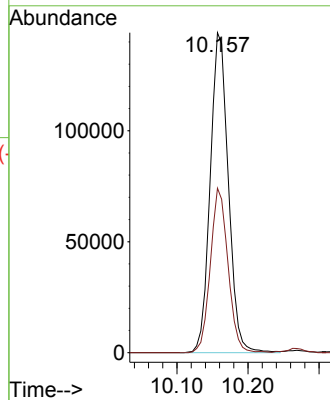
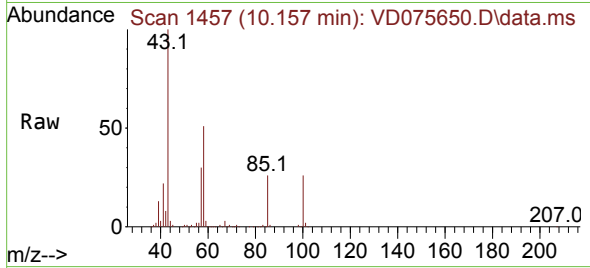




#51
4-Methyl-2-Pentanone
Concen: 345.734 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

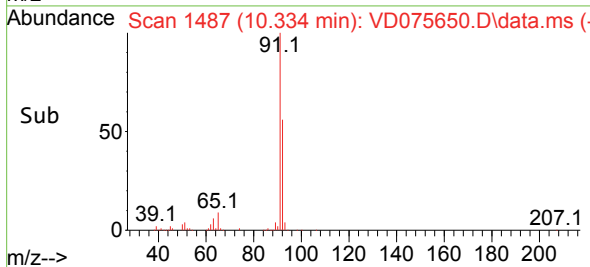
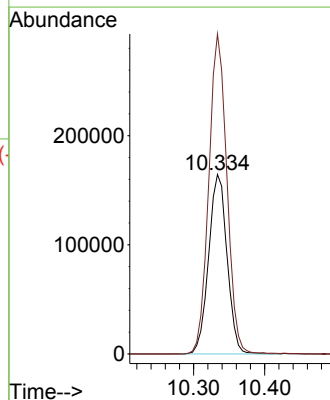
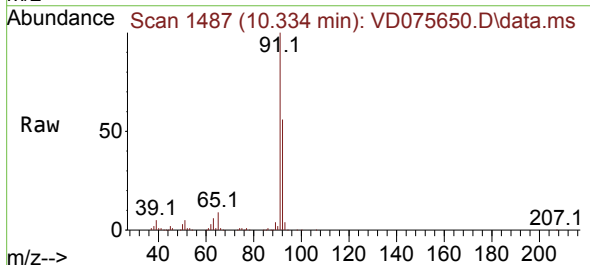
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

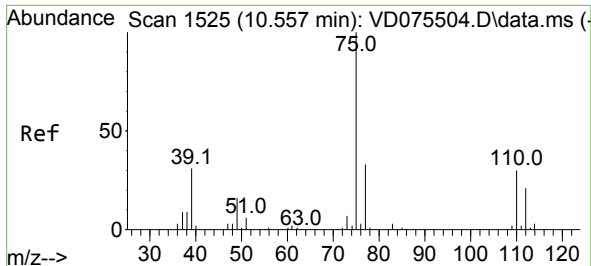
Tgt Ion: 43 Resp: 255416
Ion Ratio Lower Upper
43 100
58 50.1 29.5 44.3#



#52
Toluene
Concen: 57.014 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 92 Resp: 296691
Ion Ratio Lower Upper
92 100
91 175.0 136.5 204.7

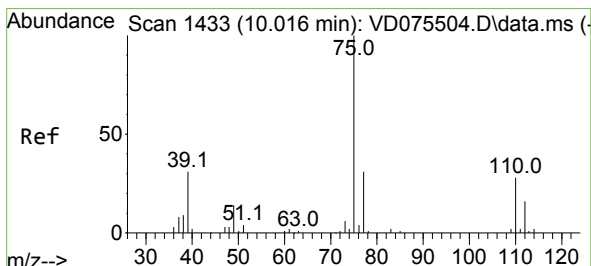
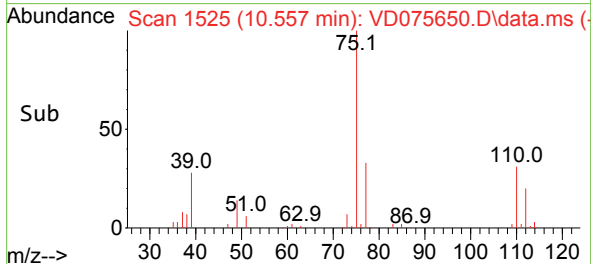
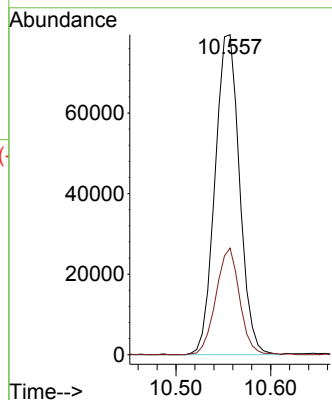
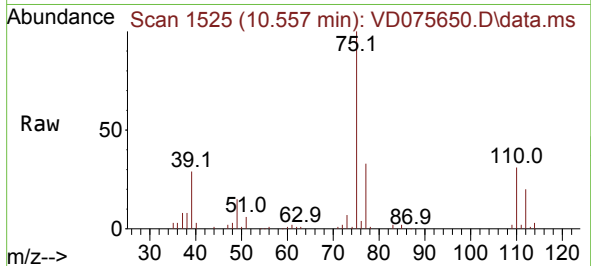




#53
t-1,3-Dichloropropene
Concen: 58.379 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

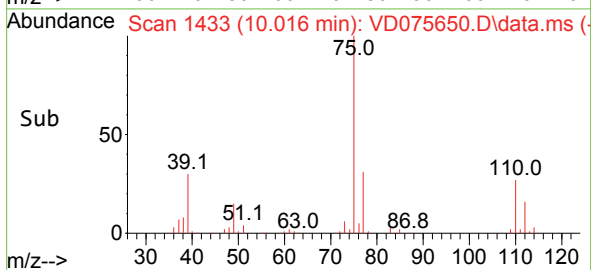
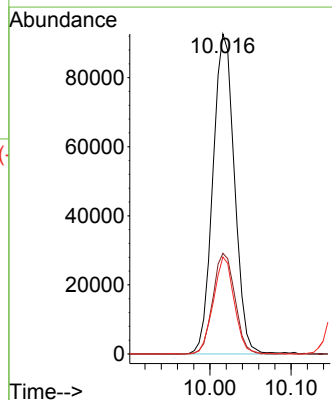
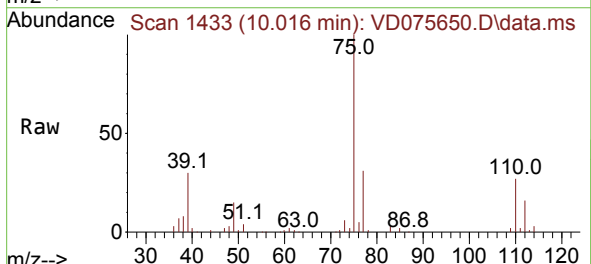
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

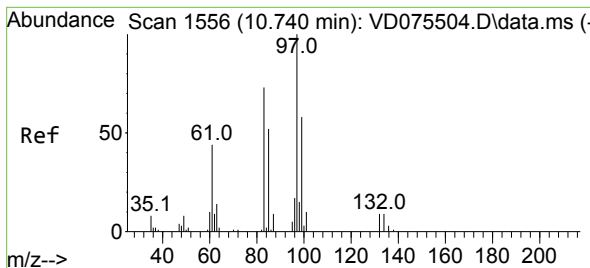
Tgt Ion: 75 Resp: 142806
Ion Ratio Lower Upper
75 100
77 33.3 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 57.534 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 75 Resp: 171123
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 30.3 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 60.013 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.001 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 98763

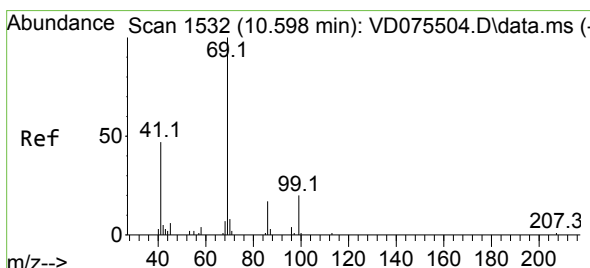
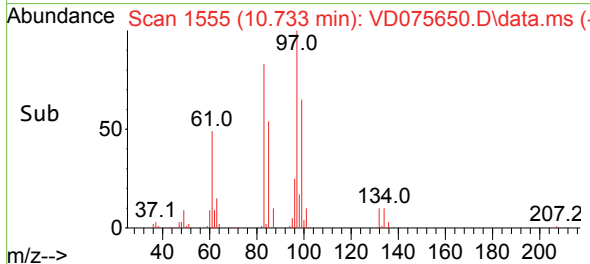
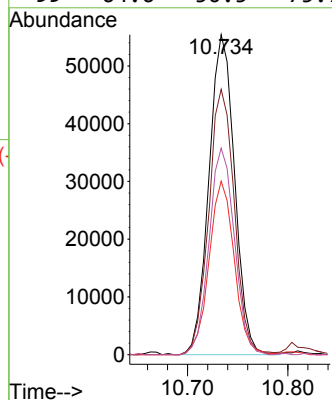
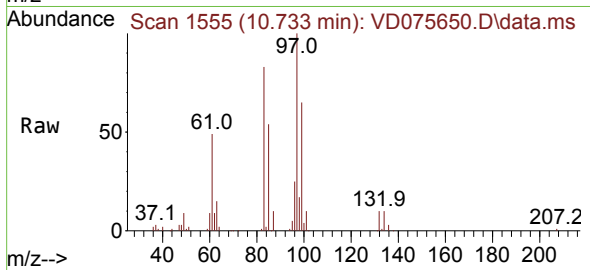
Ion Ratio Lower Upper

97 100

83 82.9 74.2 111.4

85 54.2 45.4 68.0

99 64.6 50.5 75.7



#56

Ethyl methacrylate

Concen: 63.544 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.001 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

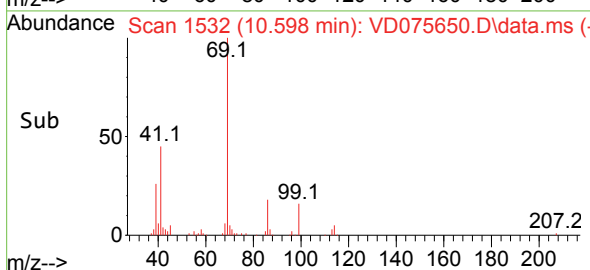
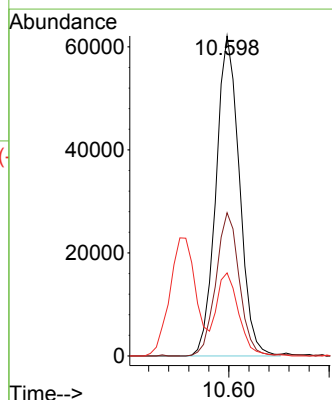
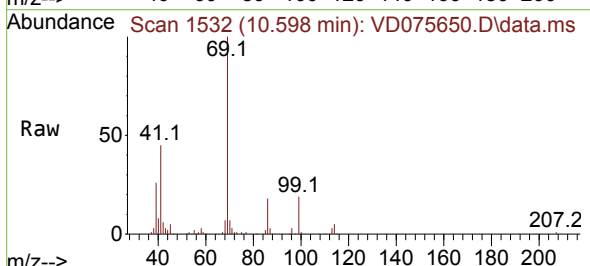
Tgt Ion: 69 Resp: 100795

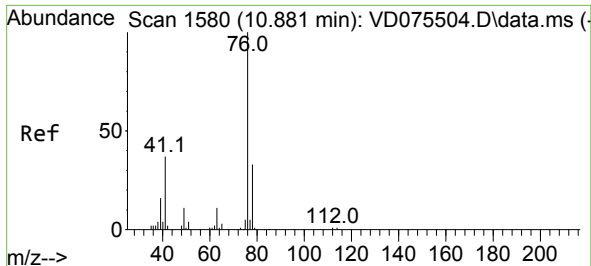
Ion Ratio Lower Upper

69 100

41 44.6 59.3 88.9#

39 24.2 36.0 54.0#

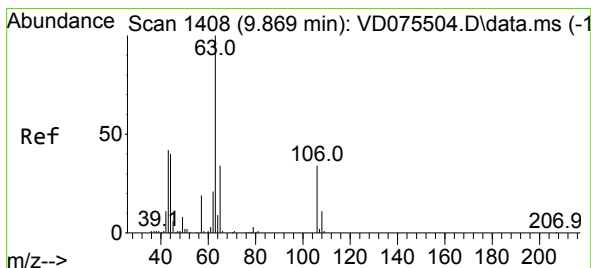
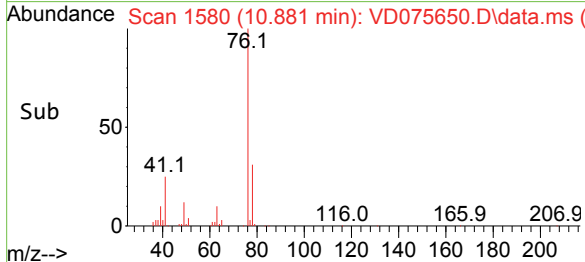
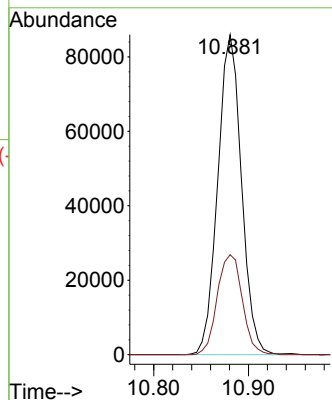
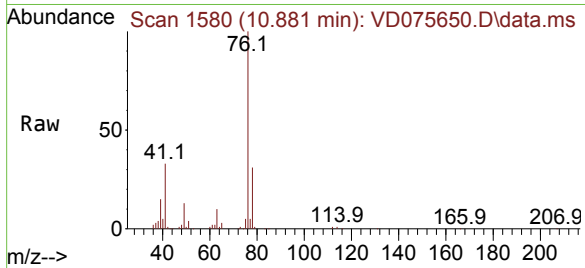




#57
1,3-Dichloropropane
Concen: 60.299 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

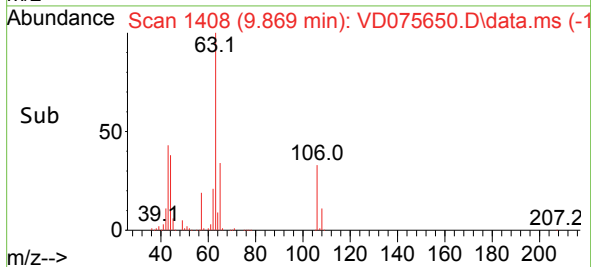
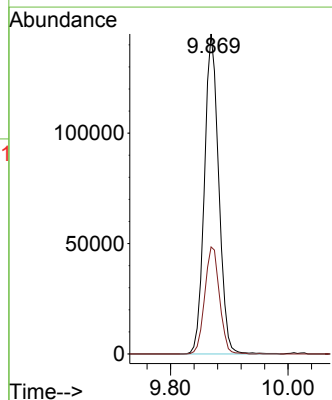
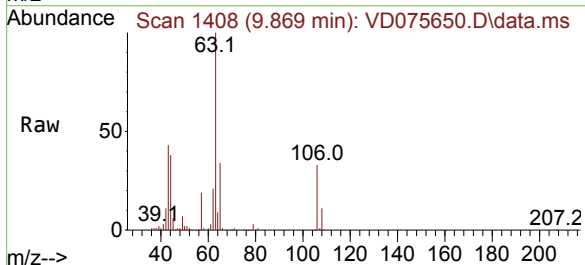
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

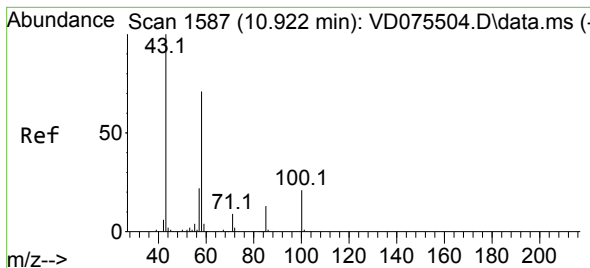
Tgt Ion: 76 Resp: 149417
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 318.955 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 63 Resp: 244614
Ion Ratio Lower Upper
63 100
106 34.4 21.4 32.2#

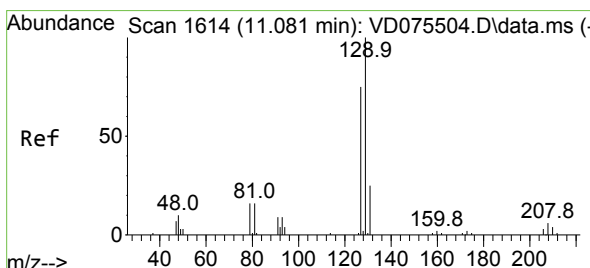
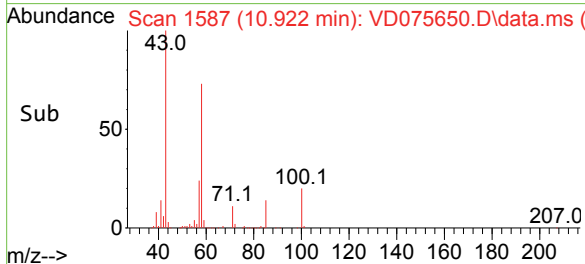
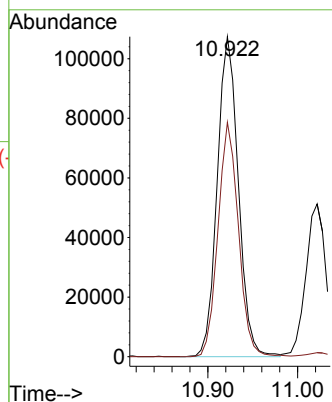
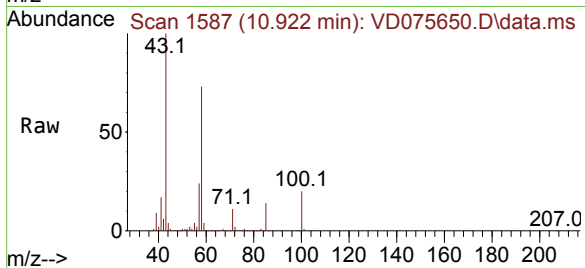




#59
2-Hexanone
Concen: 337.086 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

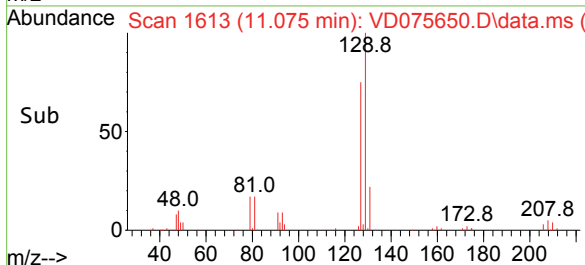
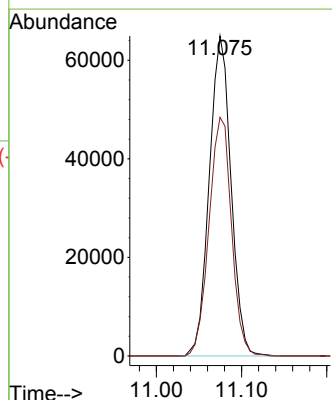
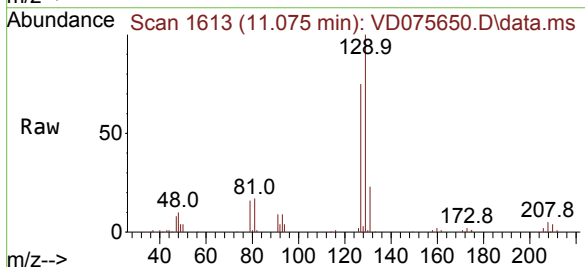
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

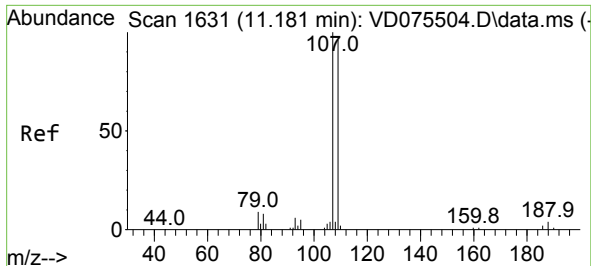
Tgt Ion: 43 Resp: 175437
Ion Ratio Lower Upper
43 100
58 71.0 25.3 75.8



#60
Dibromochloromethane
Concen: 58.540 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 129 Resp: 115024
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5

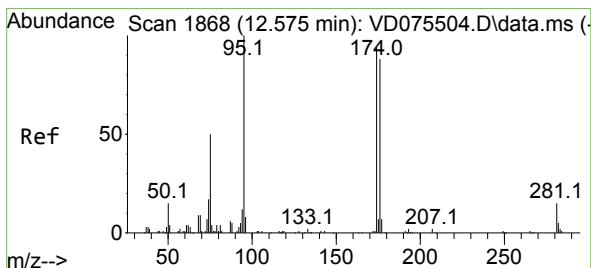
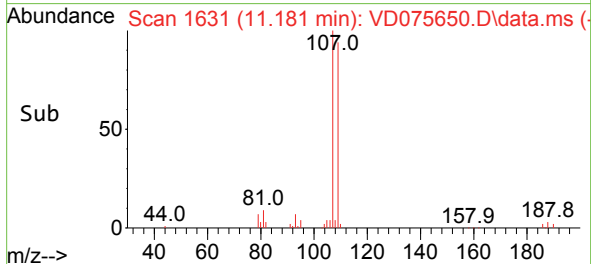
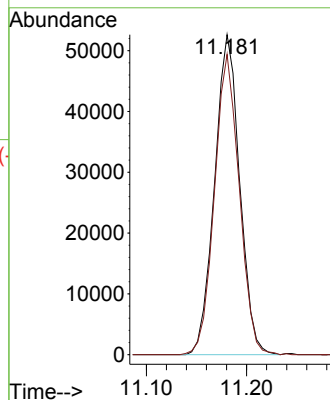
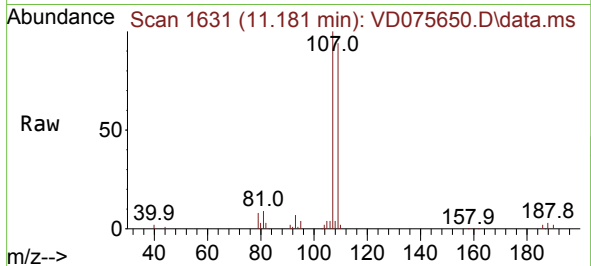




#61
1,2-Dibromoethane
Concen: 58.105 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

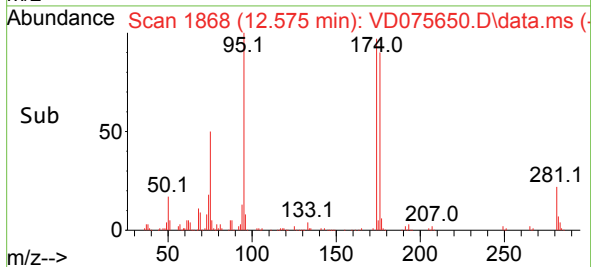
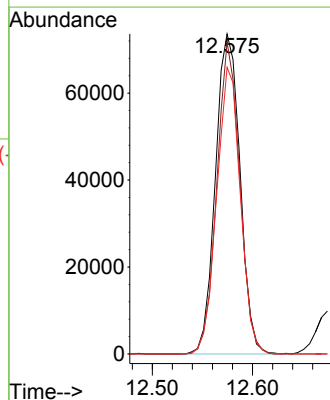
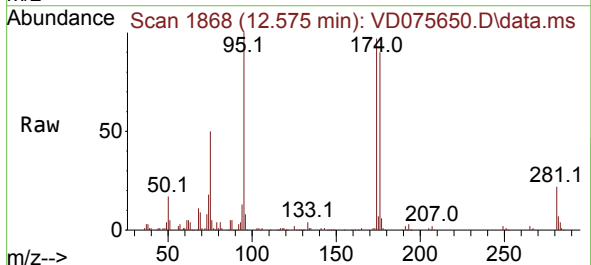
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

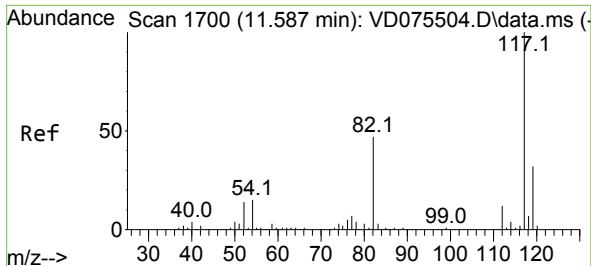
Tgt Ion:107 Resp: 91392
Ion Ratio Lower Upper
107 100
109 92.7 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 57.774 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 95 Resp: 124818
Ion Ratio Lower Upper
95 100
174 91.1 0.0 164.0
176 86.4 0.0 156.8

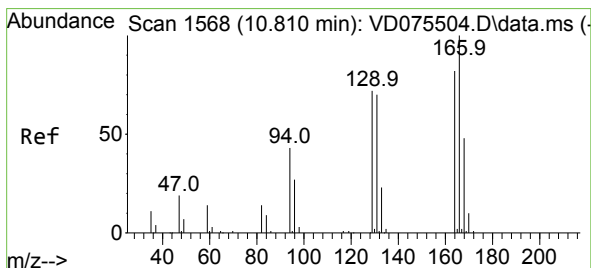
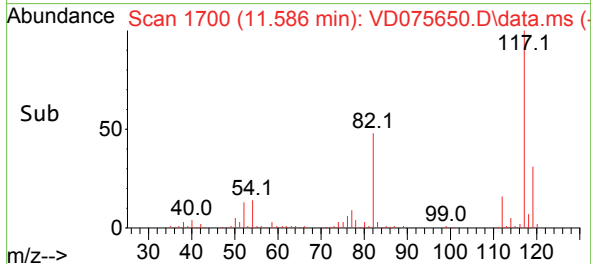
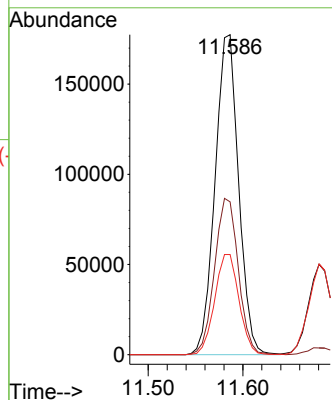
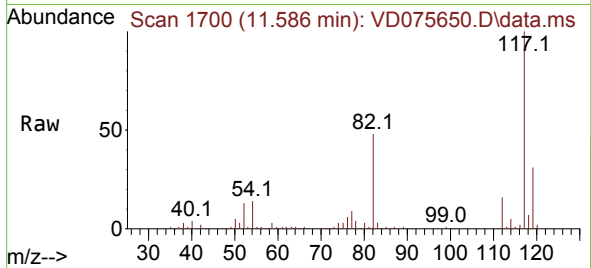




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

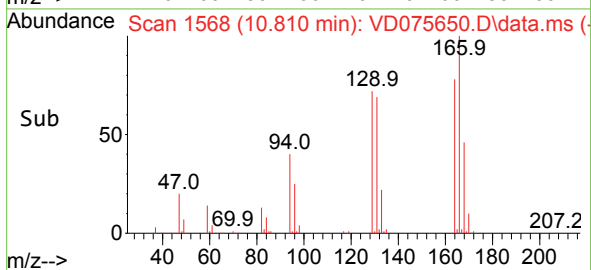
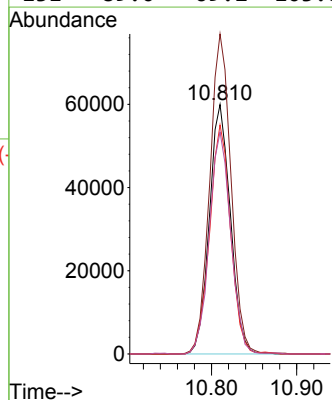
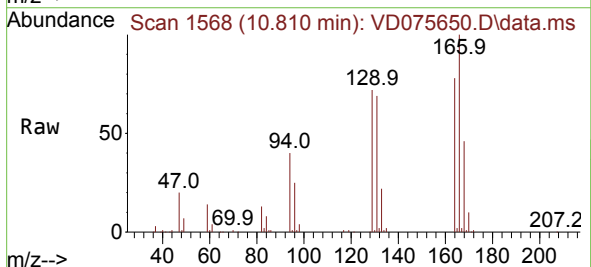
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

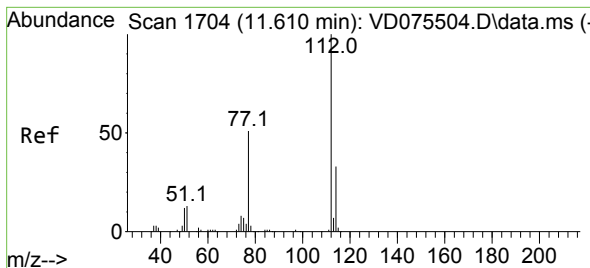
Tgt Ion:117 Resp: 306689
Ion Ratio Lower Upper
117 100
82 47.7 44.0 66.0
119 31.3 25.1 37.7



#64
Tetrachloroethene
Concen: 55.872 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion:164 Resp: 103063
Ion Ratio Lower Upper
164 100
166 128.3 94.9 142.3
129 91.8 73.0 109.6
131 89.0 69.2 103.8





#65

Chlorobenzene

Concen: 54.743 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

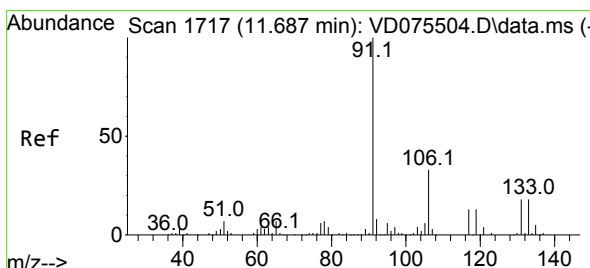
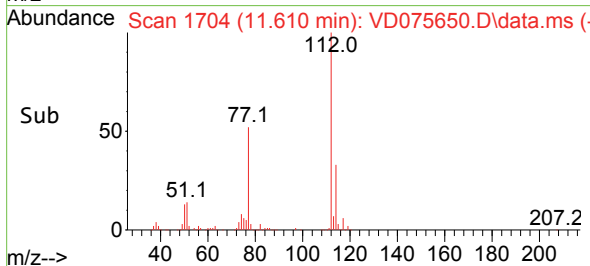
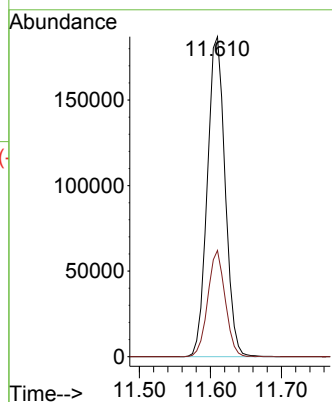
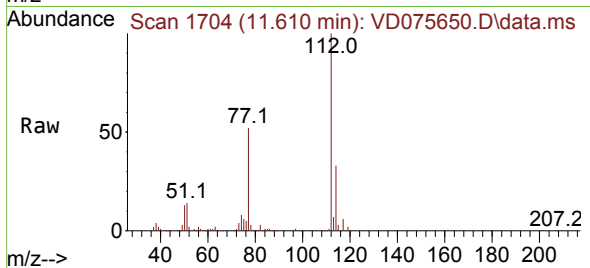
VSTDCCC050EC

Tgt Ion:112 Resp: 325892

Ion Ratio Lower Upper

112 100

114 33.2 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 56.253 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

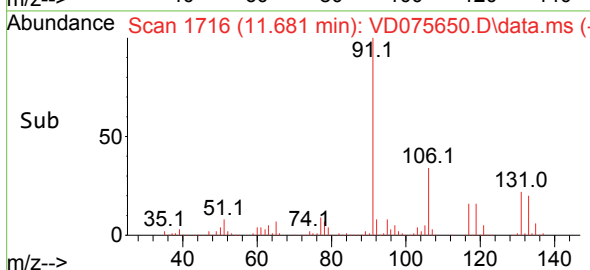
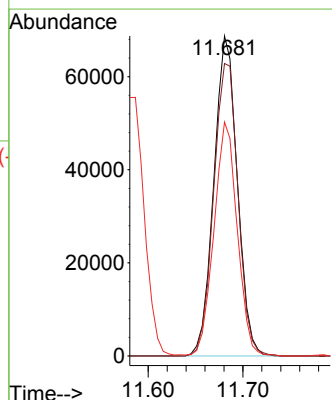
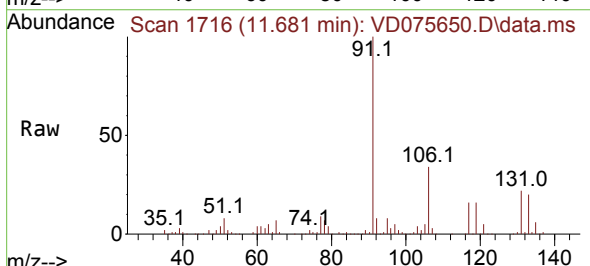
Tgt Ion:131 Resp: 118427

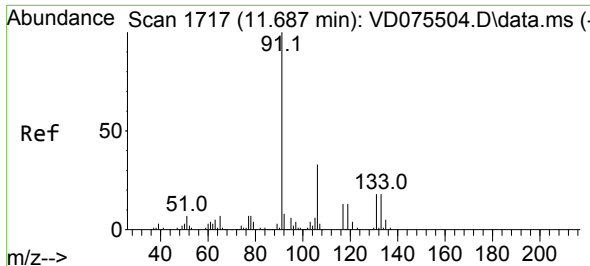
Ion Ratio Lower Upper

131 100

133 95.0 46.7 140.0

119 72.5 31.9 95.9

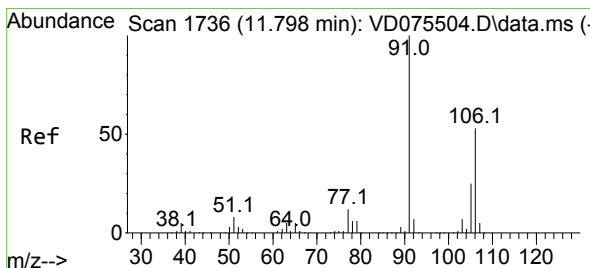
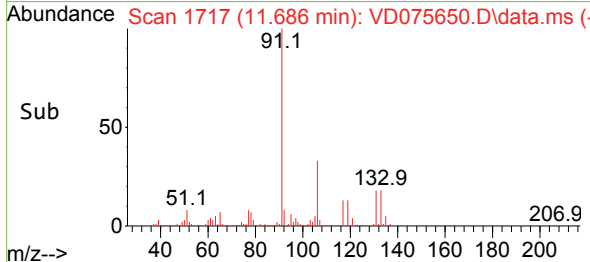
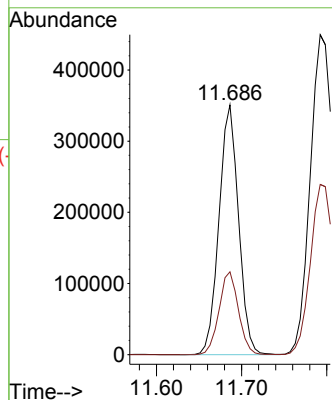
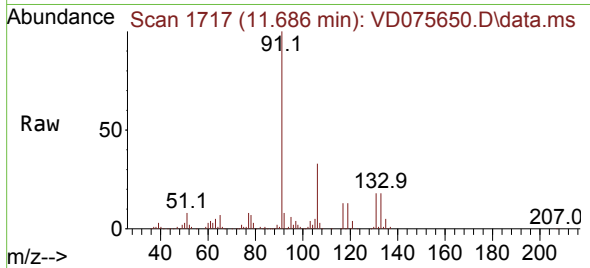




#67
Ethyl Benzene
Concen: 57.011 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.001 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

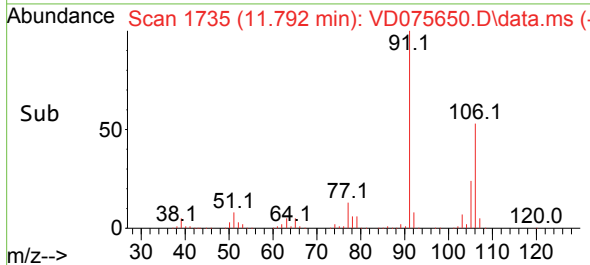
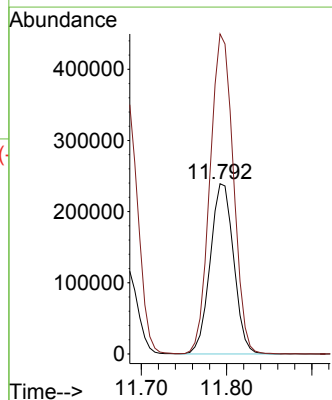
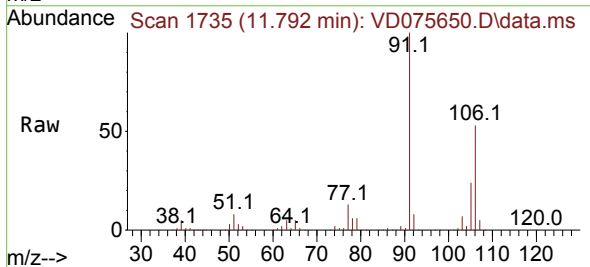
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

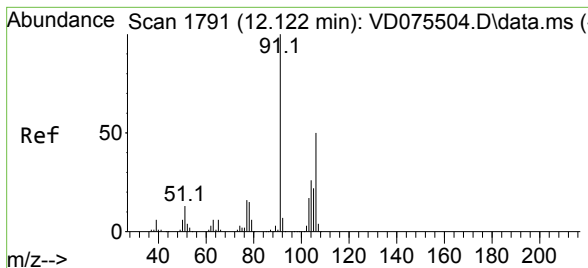
Tgt Ion: 91 Resp: 559971
Ion Ratio Lower Upper
91 100
106 33.2 24.5 36.7



#68
m/p-Xylenes
Concen: 113.030 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 106 Resp: 457276
Ion Ratio Lower Upper
106 100
91 187.4 161.5 242.3

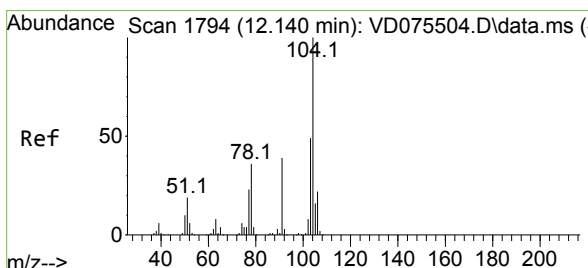
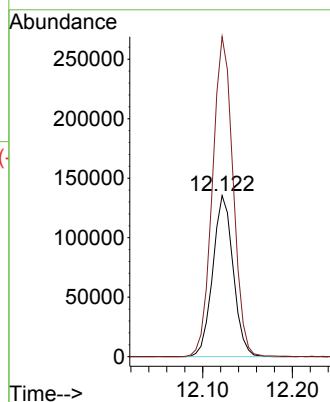
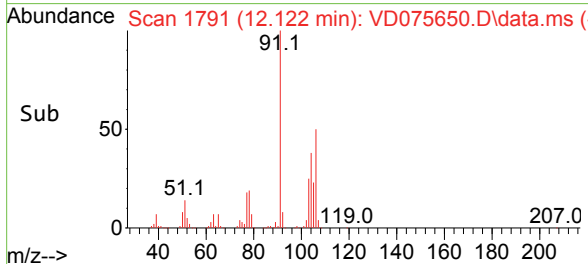
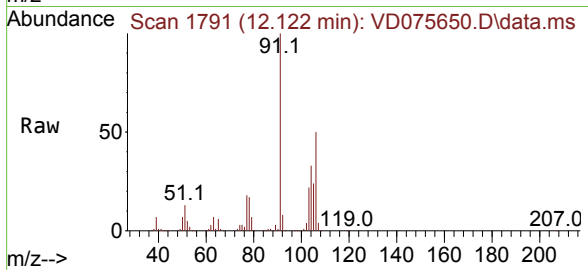




#69
o-Xylene
Concen: 58.723 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

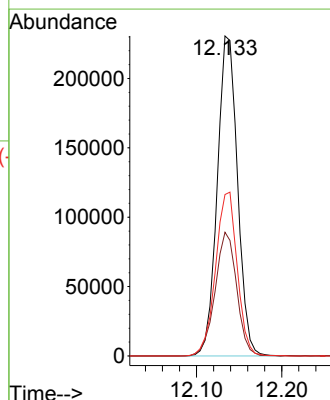
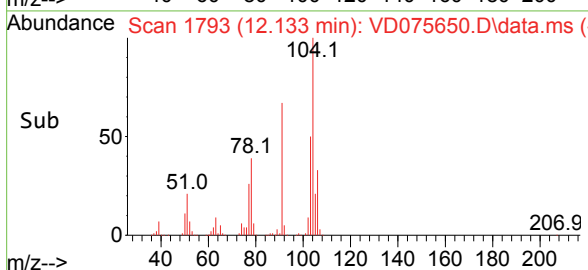
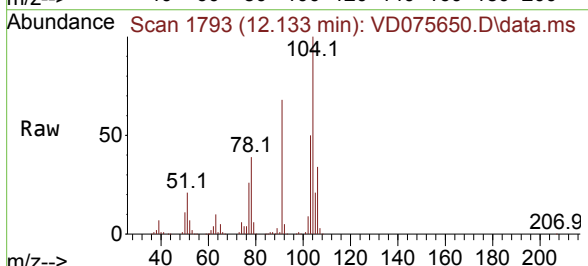
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

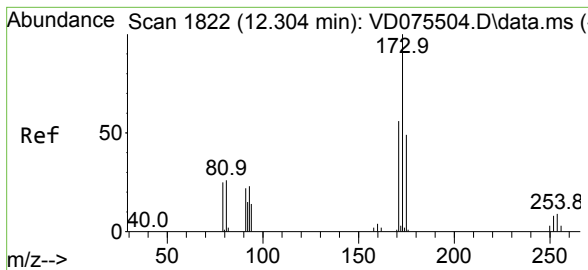
Tgt Ion:106 Resp: 213871
Ion Ratio Lower Upper
106 100
91 201.1 105.7 317.1



#70
Styrene
Concen: 61.140 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion:104 Resp: 381876
Ion Ratio Lower Upper
104 100
78 41.2 40.2 60.4
103 54.7 44.2 66.2

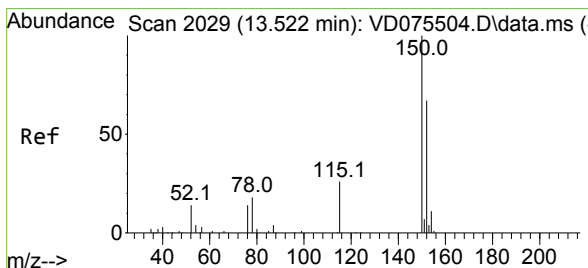
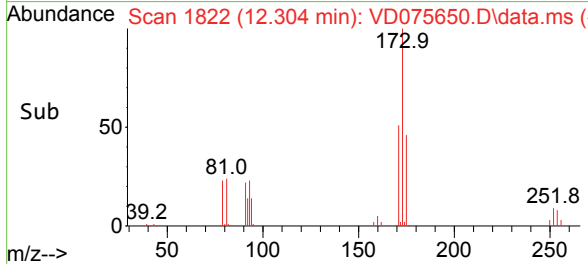
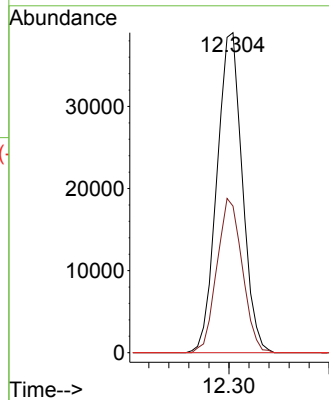
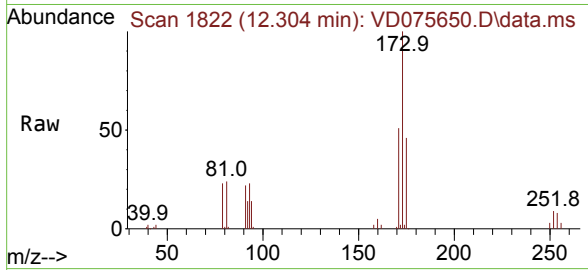




#71
Bromoform
Concen: 62.954 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

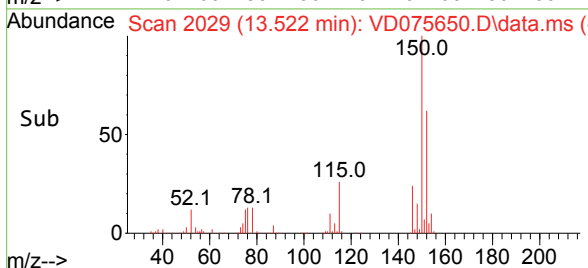
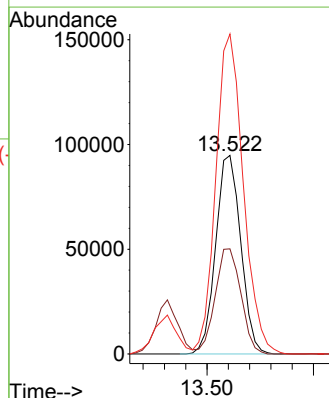
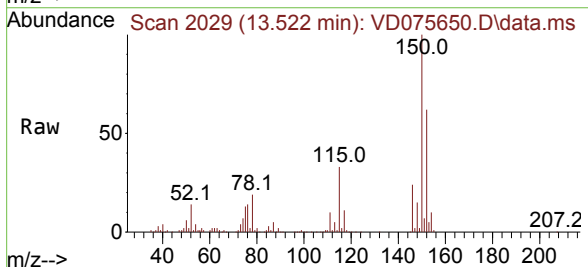
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

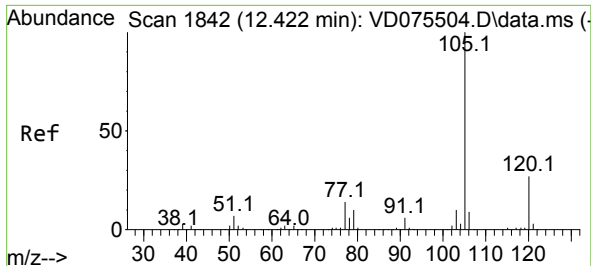
Tgt Ion:173 Resp: 68502
Ion Ratio Lower Upper
173 100
175 48.2 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion:152 Resp: 154823
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 176.8 0.0 364.8

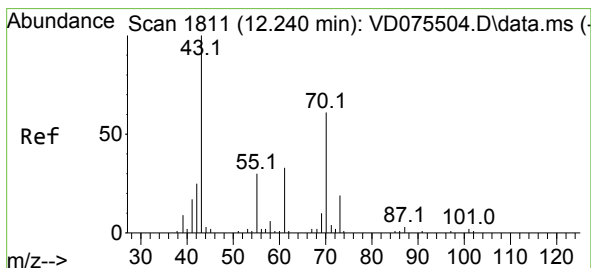
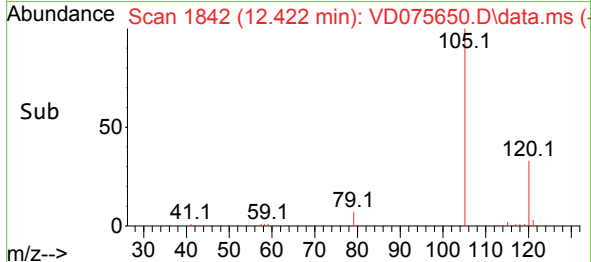
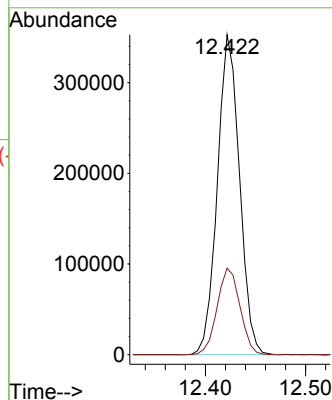
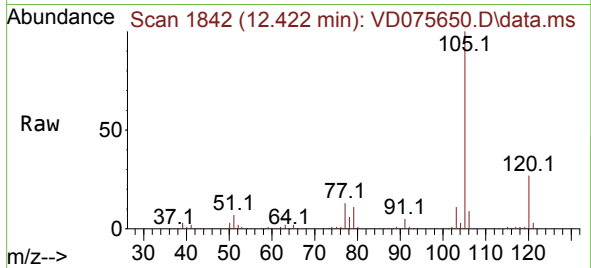




#73
Isopropylbenzene
Concen: 56.274 ug/l
RT: 12.422 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

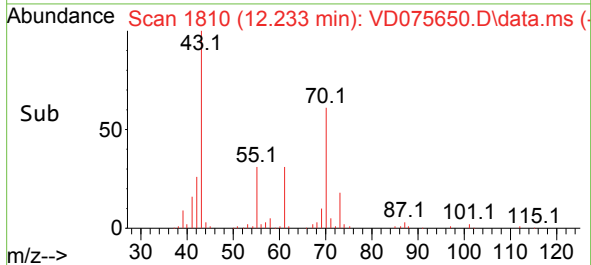
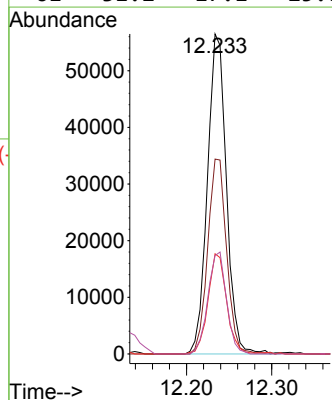
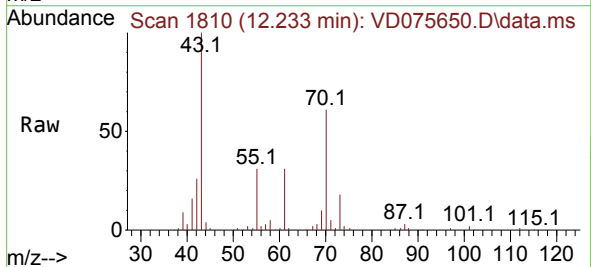
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

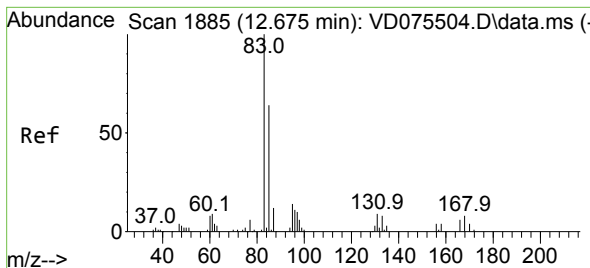
Tgt Ion:105 Resp: 540654
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1



#74
N-ethyl acetate
Concen: 64.920 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.007 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 43 Resp: 87478
Ion Ratio Lower Upper
43 100
70 60.6 31.0 46.4#
55 30.7 18.6 28.0#
61 31.2 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 63.064 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

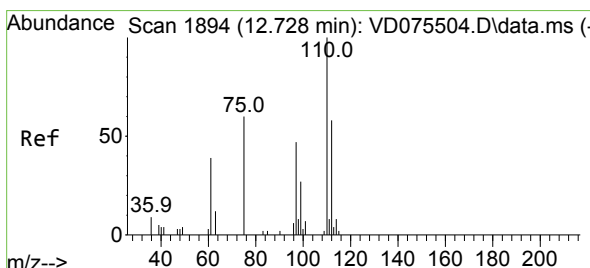
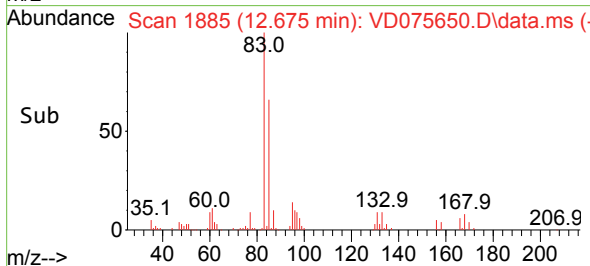
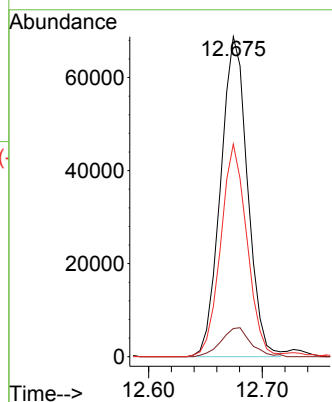
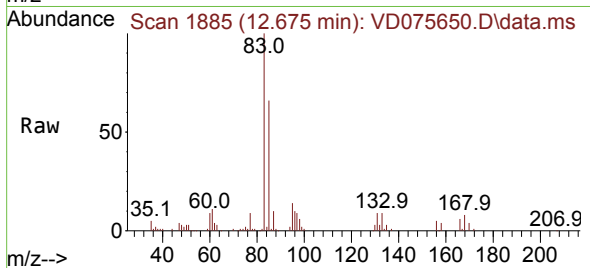
Tgt Ion: 83 Resp: 113330

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

85 64.8 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 124.276 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075650.D

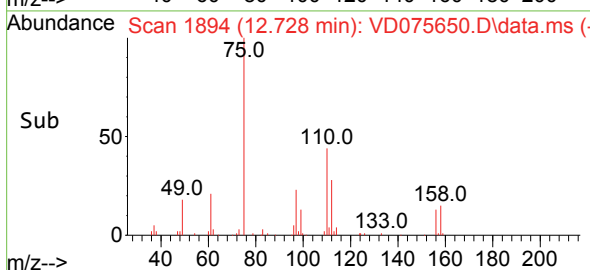
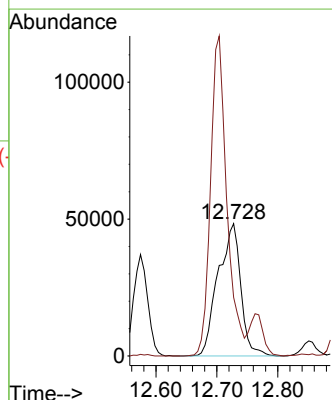
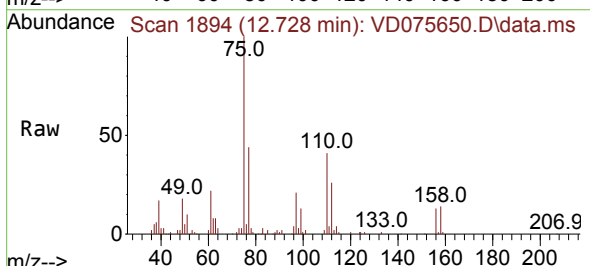
Acq: 12 Apr 2023 20:16

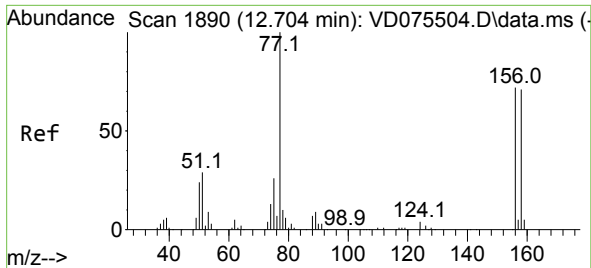
Tgt Ion: 75 Resp: 125090

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

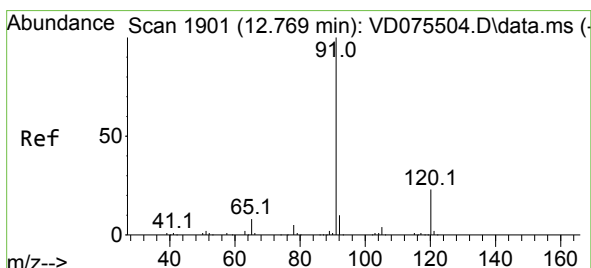
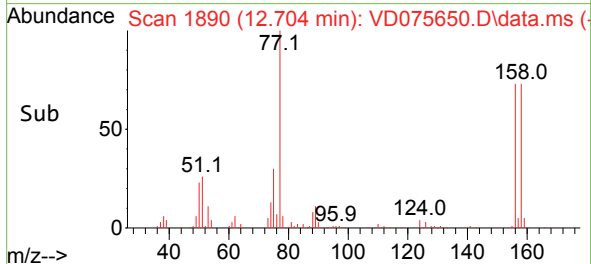
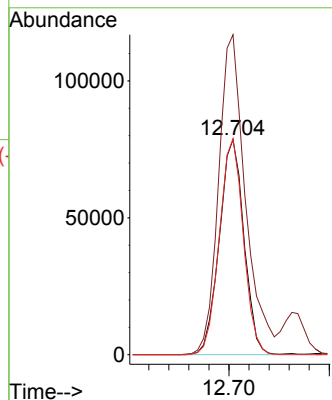
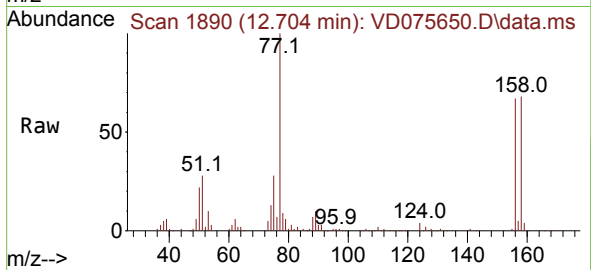




#77
Bromobenzene
Concen: 55.089 ug/l
RT: 12.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

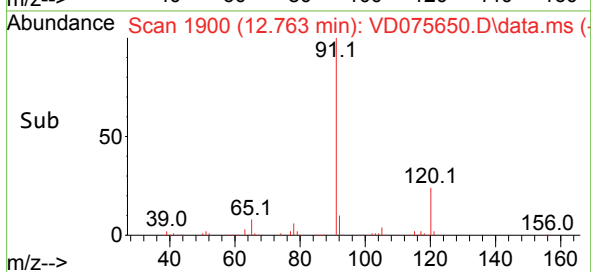
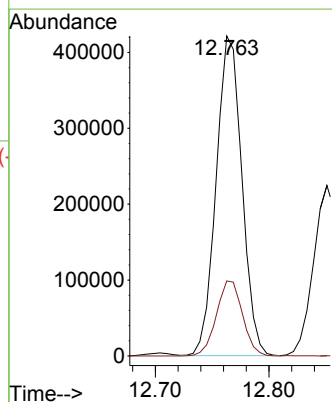
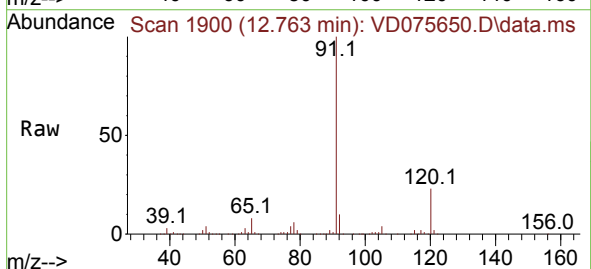
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

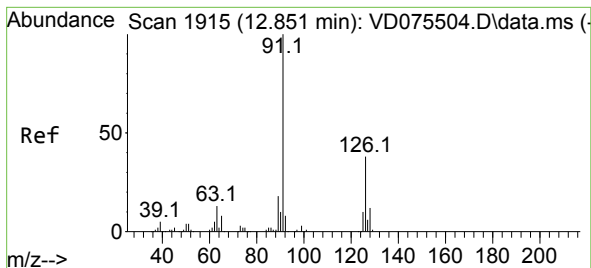
Tgt Ion:156 Resp: 133593
Ion Ratio Lower Upper
156 100
77 162.7 89.5 268.6
158 97.9 47.8 143.4



#78
n-propylbenzene
Concen: 57.425 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.006 min
Lab File: VD075650.D
Acq: 12 Apr 2023 20:16

Tgt Ion: 91 Resp: 663348
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 57.512 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

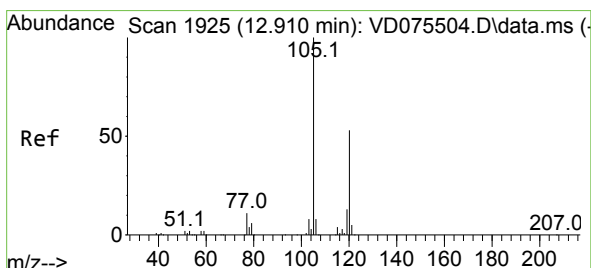
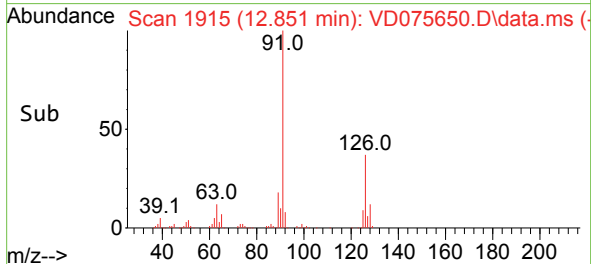
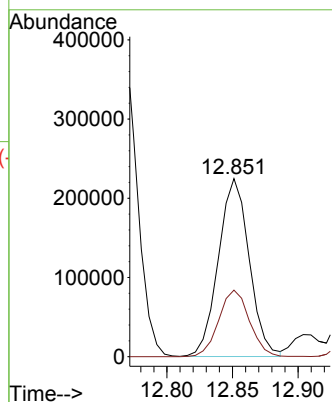
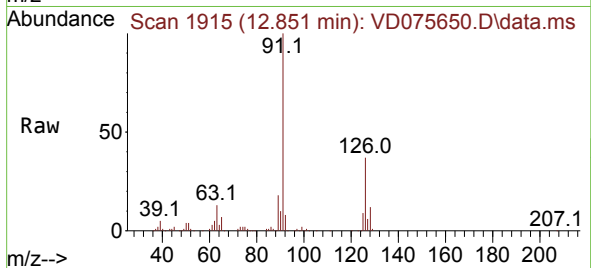
VSTDCCC050EC

Tgt Ion: 91 Resp: 367439

Ion Ratio Lower Upper

91 100

126 37.3 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 57.163 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075650.D

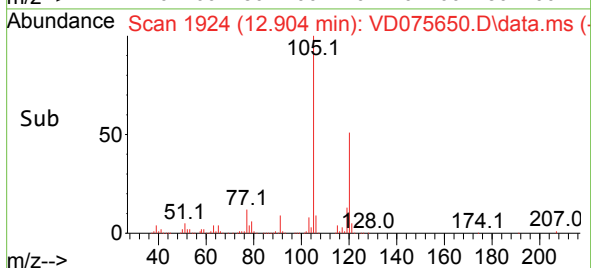
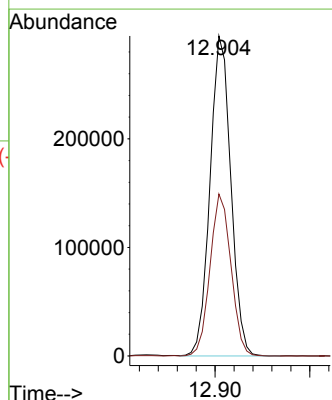
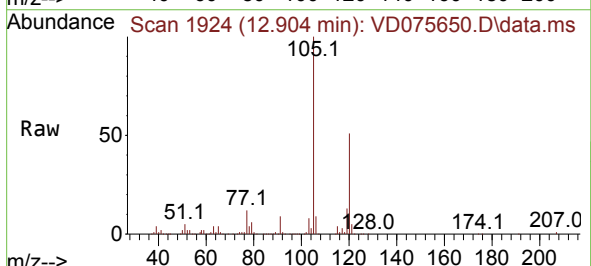
Acq: 12 Apr 2023 20:16

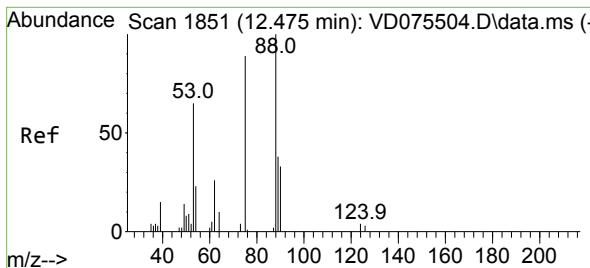
Tgt Ion: 105 Resp: 449785

Ion Ratio Lower Upper

105 100

120 50.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 62.098 ug/l

RT: 12.469 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

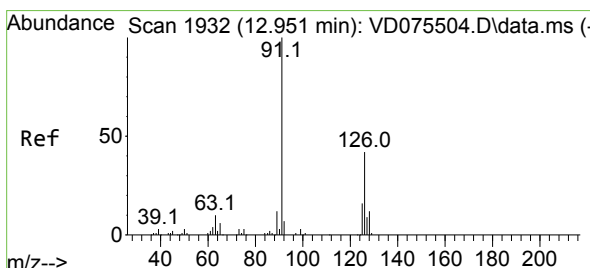
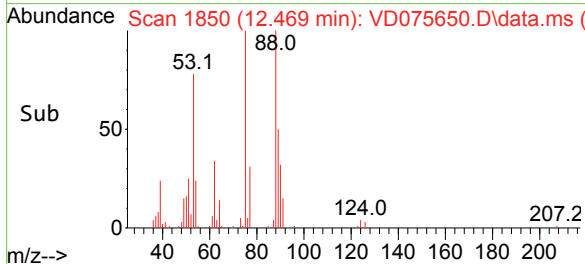
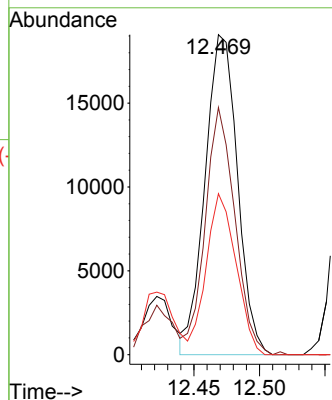
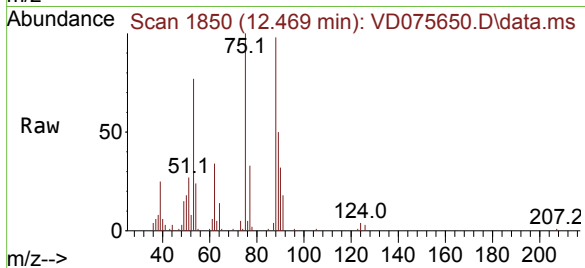
Tgt Ion: 75 Resp: 32830

Ion Ratio Lower Upper

75 100

53 71.2 90.5 135.7#

89 46.2 40.2 60.4



#82

4-Chlorotoluene

Concen: 56.395 ug/l

RT: 12.951 min Scan# 1932

Delta R.T. 0.000 min

Lab File: VD075650.D

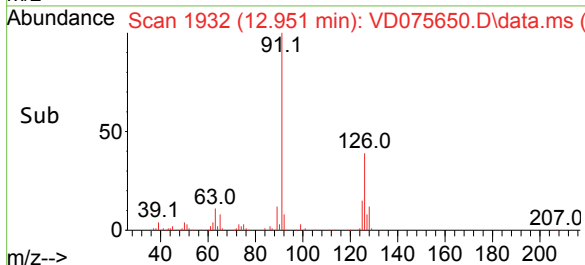
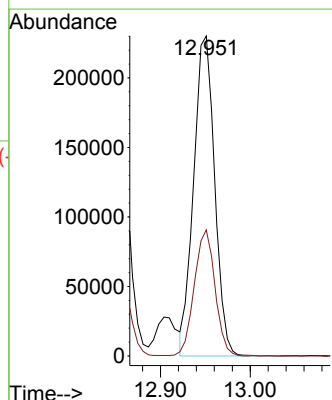
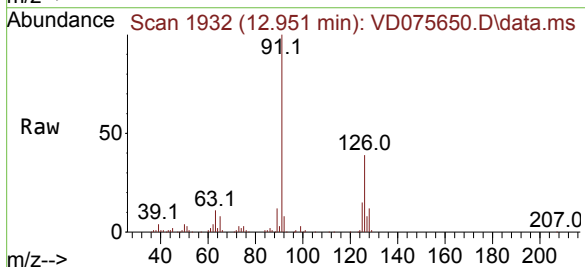
Acq: 12 Apr 2023 20:16

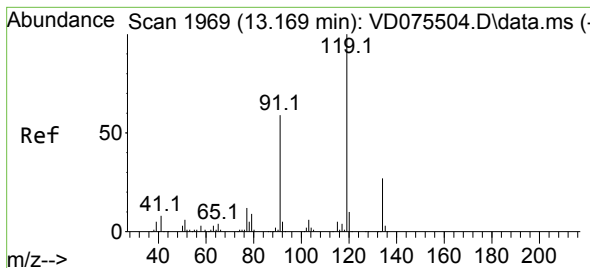
Tgt Ion: 91 Resp: 373754

Ion Ratio Lower Upper

91 100

126 39.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 55.734 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

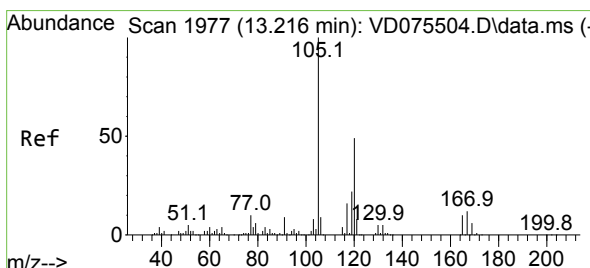
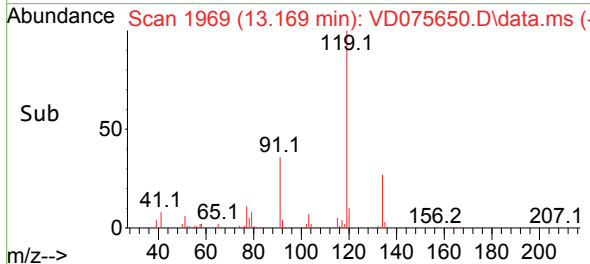
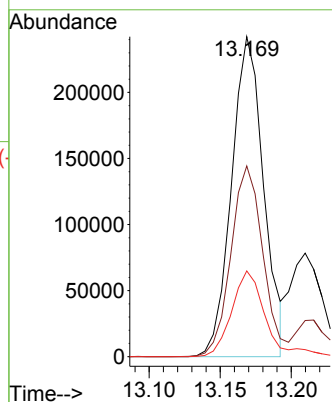
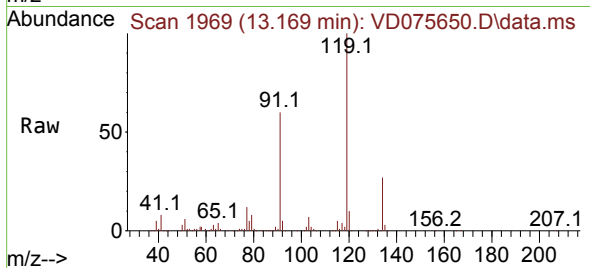
Tgt Ion:119 Resp: 380771

Ion Ratio Lower Upper

119 100

91 59.6 32.4 97.0

134 28.2 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 57.149 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075650.D

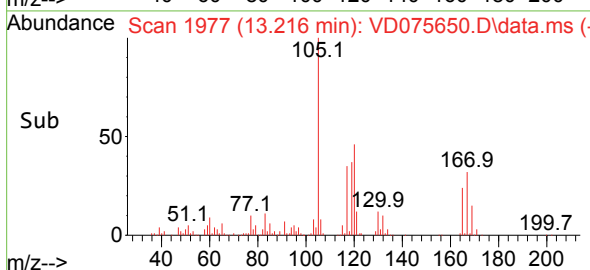
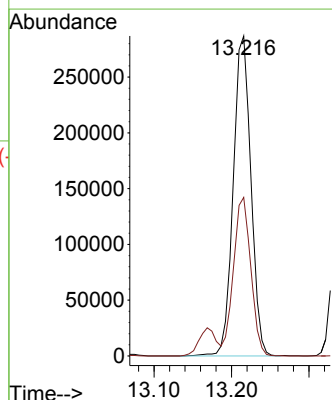
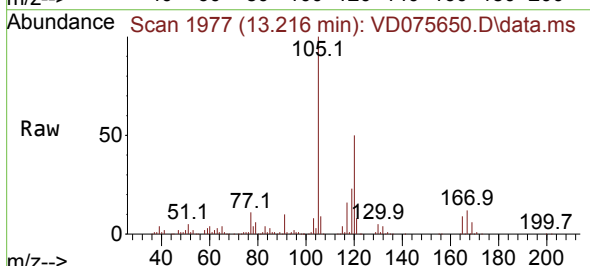
Acq: 12 Apr 2023 20:16

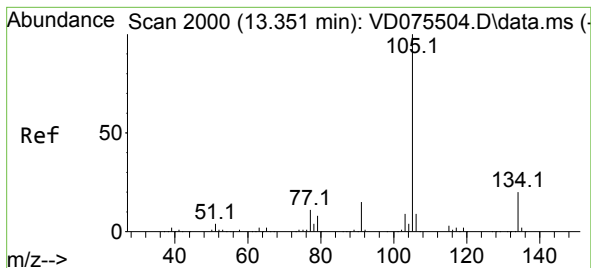
Tgt Ion:105 Resp: 454099

Ion Ratio Lower Upper

105 100

120 48.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 56.984 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

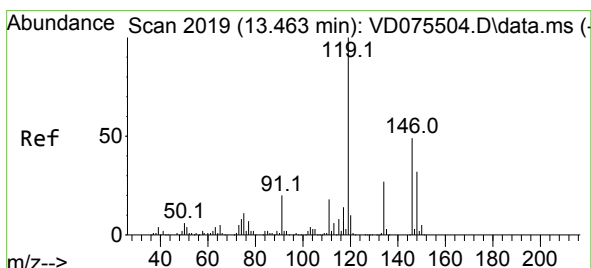
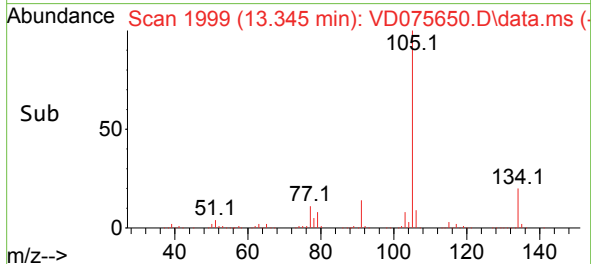
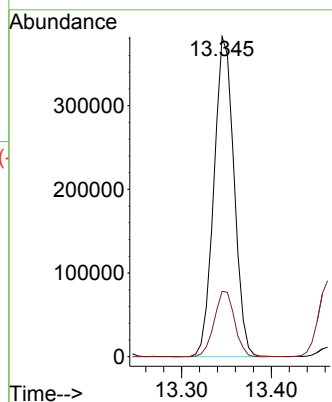
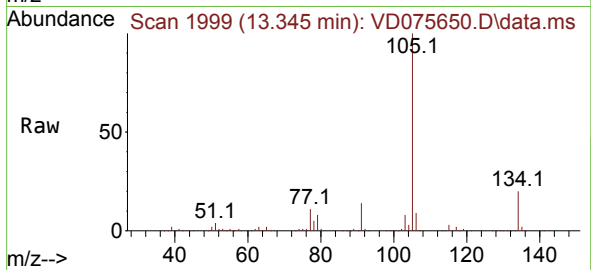
VSTDCCC050EC

Tgt Ion:105 Resp: 594931

Ion Ratio Lower Upper

105 100

134 20.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 56.411 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

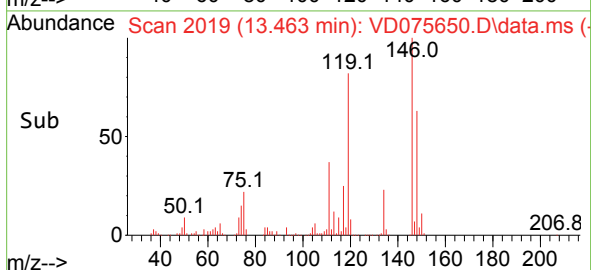
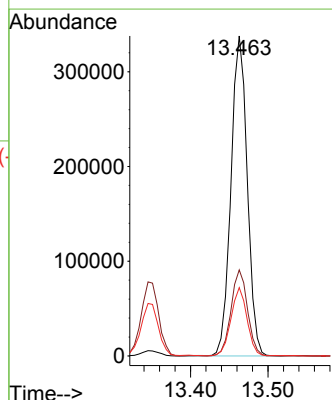
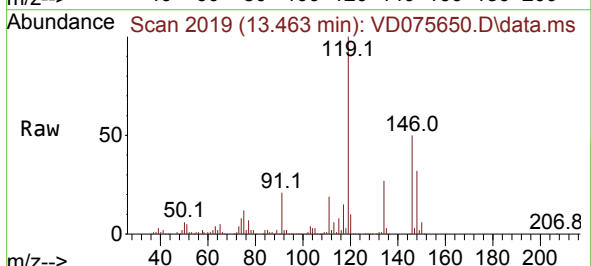
Tgt Ion:119 Resp: 495070

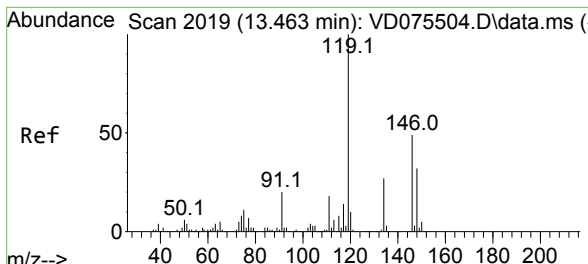
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 20.9 12.4 37.4



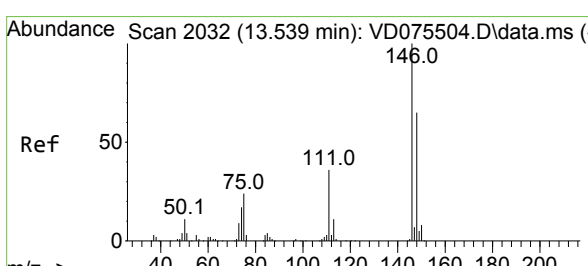
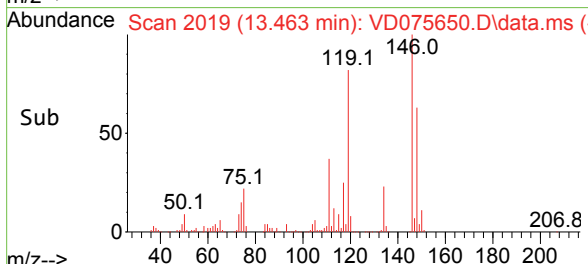
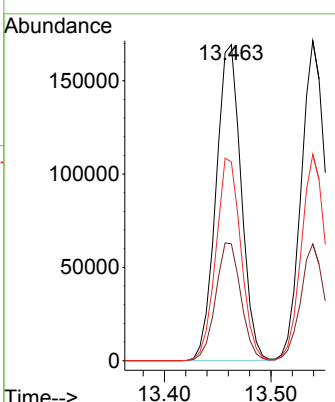
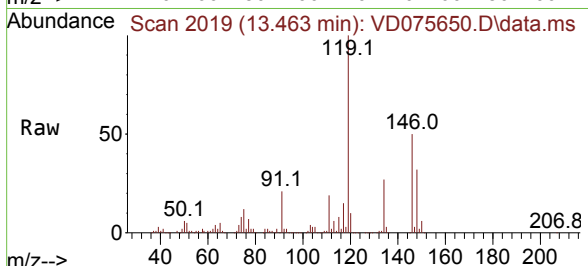


#87
 1,3-Dichlorobenzene
 Concen: 54.903 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075650.D
 Acq: 12 Apr 2023 20:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 278024

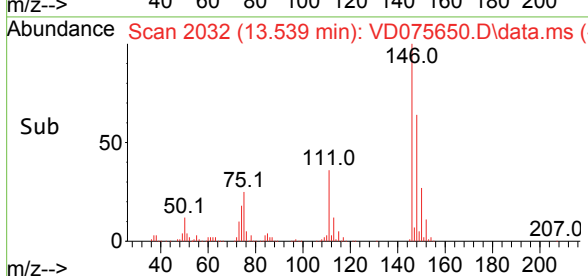
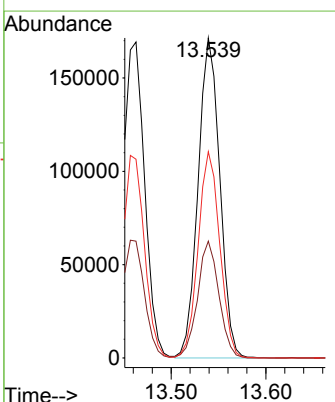
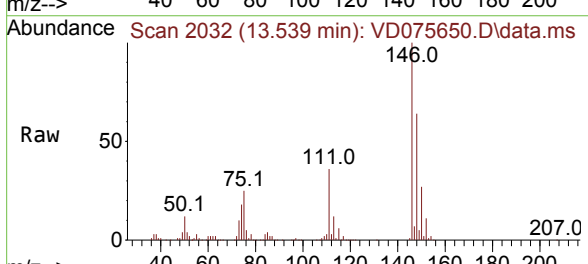
Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.8	59.3
148	63.7	31.0	93.0

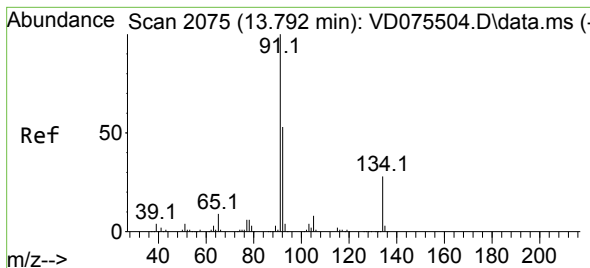


#88
 1,4-Dichlorobenzene
 Concen: 54.589 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.006 min
 Lab File: VD075650.D
 Acq: 12 Apr 2023 20:16

Tgt Ion:146 Resp: 273392

Ion	Ratio	Lower	Upper
146	100		
111	35.9	19.6	58.8
148	64.1	31.7	95.1





#89

n-Butylbenzene

Concen: 55.861 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

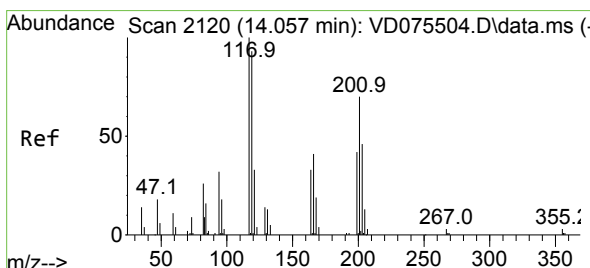
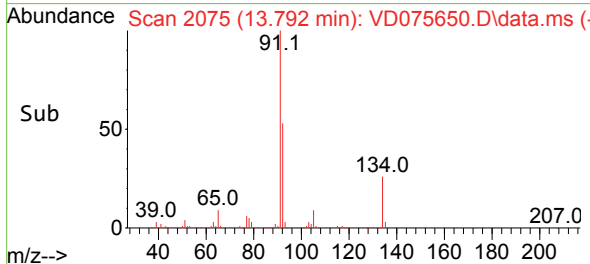
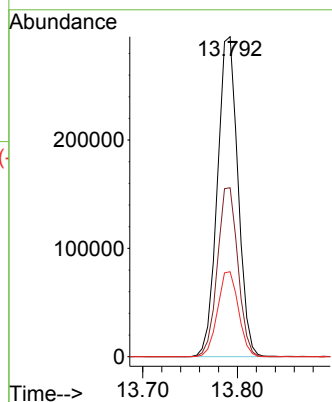
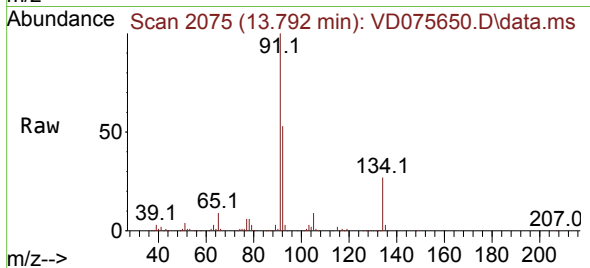
Tgt Ion: 91 Resp: 445731

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.5

134 26.9 12.7 38.0



#90

Hexachloroethane

Concen: 56.054 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075650.D

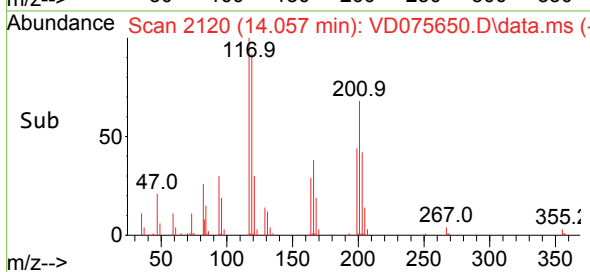
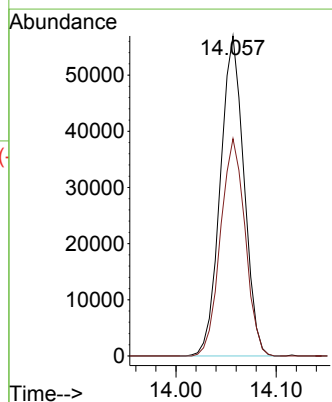
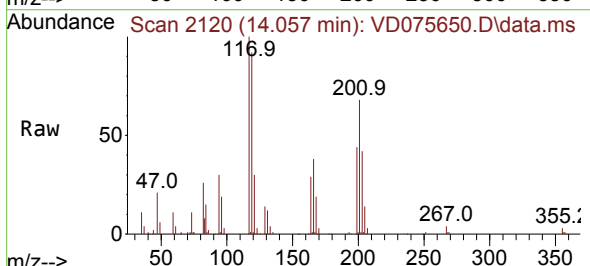
Acq: 12 Apr 2023 20:16

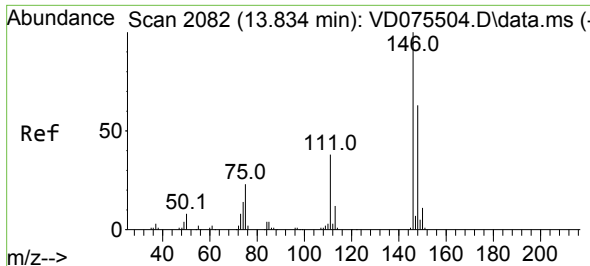
Tgt Ion: 117 Resp: 93055

Ion Ratio Lower Upper

117 100

201 70.6 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 55.545 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.001 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

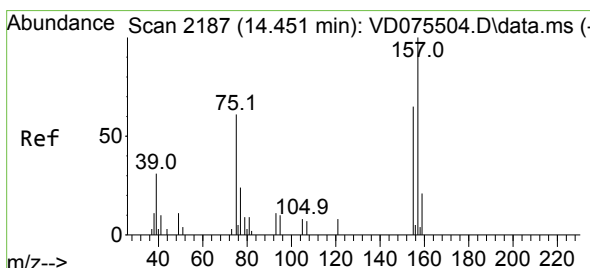
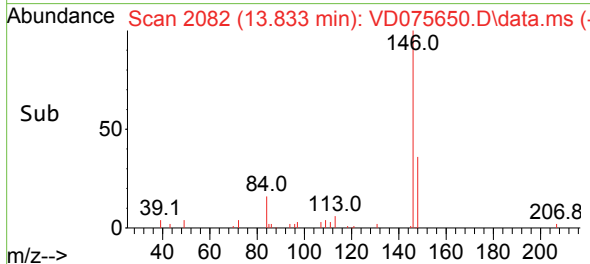
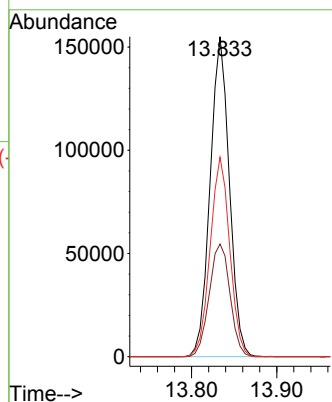
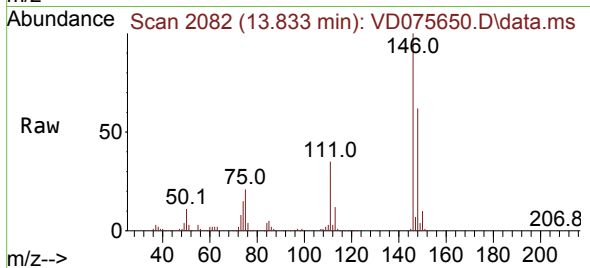
Tgt Ion:146 Resp: 242455

Ion Ratio Lower Upper

146 100

111 38.1 20.6 61.8

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.355 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

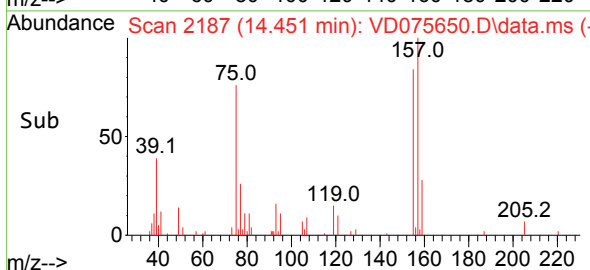
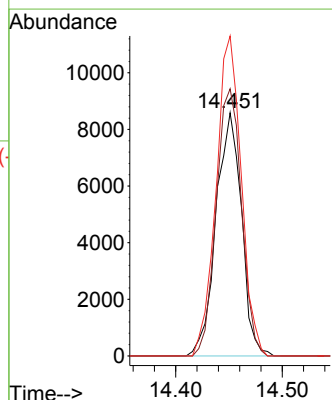
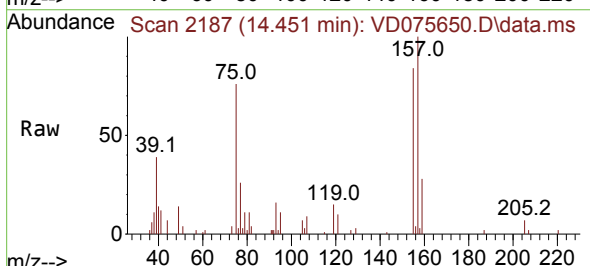
Tgt Ion: 75 Resp: 14242

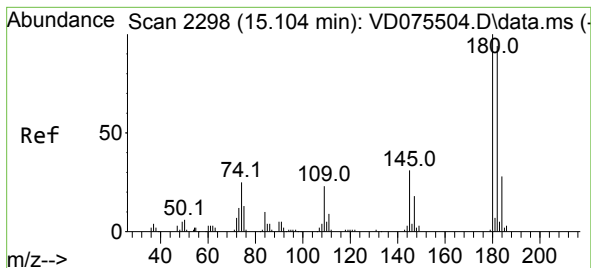
Ion Ratio Lower Upper

75 100

155 109.4 39.5 118.5

157 129.6 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 55.636 ug/l

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

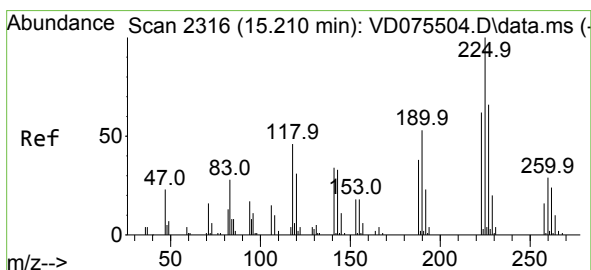
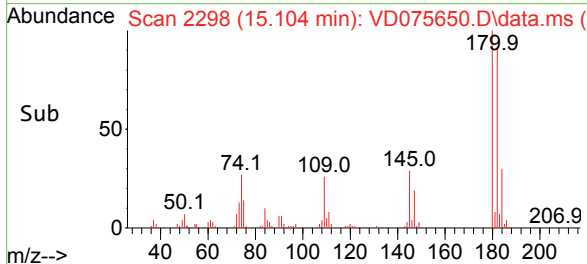
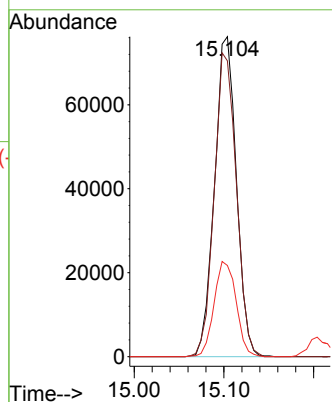
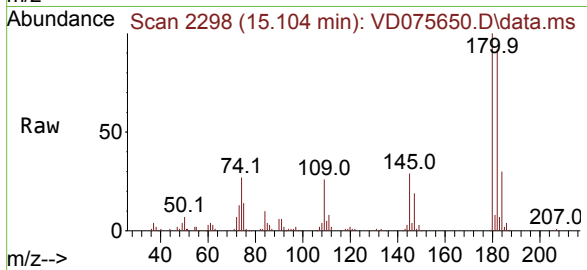
Tgt Ion:180 Resp: 128805

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 30.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 54.434 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

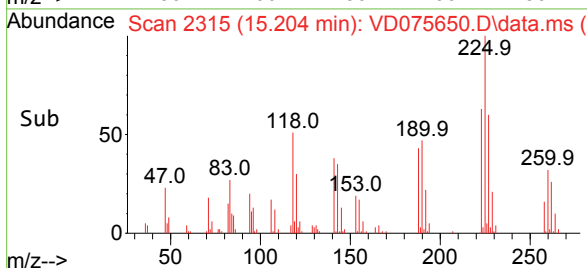
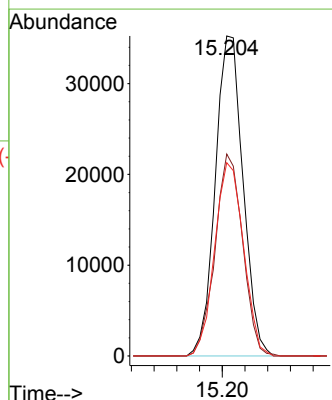
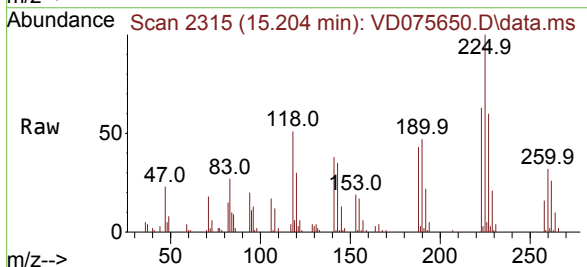
Tgt Ion:225 Resp: 59694

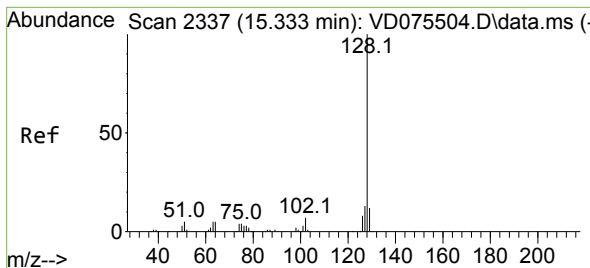
Ion Ratio Lower Upper

225 100

223 62.8 33.1 99.2

227 62.8 31.9 95.9





#95

Naphthalene

Concen: 63.757 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

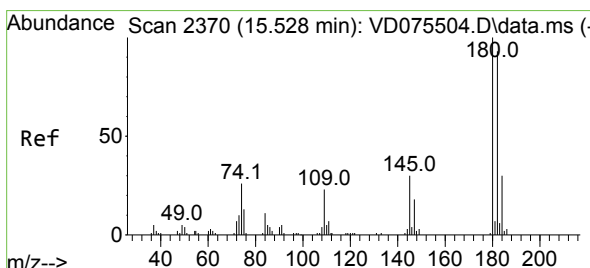
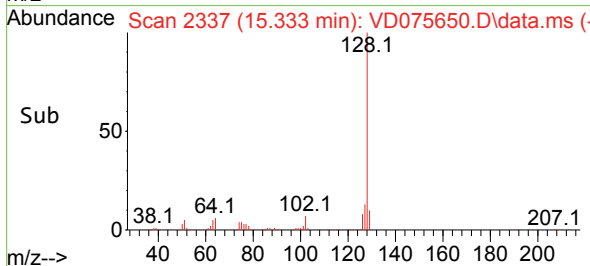
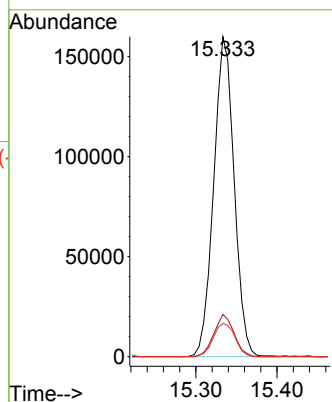
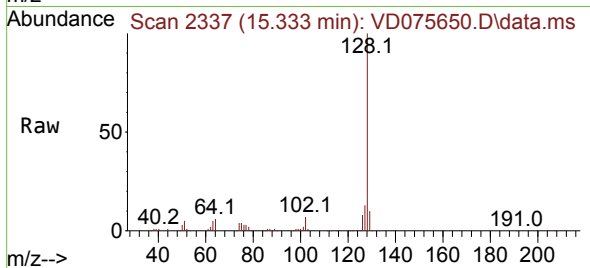
Tgt Ion:128 Resp: 280268

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 57.654 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.007 min

Lab File: VD075650.D

Acq: 12 Apr 2023 20:16

Tgt Ion:180 Resp: 118262

Ion Ratio Lower Upper

180 100

182 94.3 47.7 143.1

145 31.9 16.4 49.4

