

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075738.D
 Acq On : 18 Apr 2023 20:39
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 19 01:25:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	147076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88600	52.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.100%
35) Dibromofluoromethane	7.805	113	108194	51.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.269	98	427564	50.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.575	95	118187	52.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	81898	49.619	ug/l	93
3) Chloromethane	2.146	50	145973	48.979	ug/l	100
4) Vinyl Chloride	2.281	62	184947	46.765	ug/l	99
5) Bromomethane	2.687	94	143546	46.487	ug/l	97
6) Chloroethane	2.834	64	128990	48.443	ug/l	95
7) Trichlorofluoromethane	3.175	101	156333	51.018	ug/l	97
8) Diethyl Ether	3.593	74	48864	51.235	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.969	101	102244	53.208	ug/l	94
10) Methyl Iodide	4.164	142	145581	55.357	ug/l	91
11) Tert butyl alcohol	5.046	59	20258	239.399	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	104748	52.647	ug/l	88
13) Acrolein	3.799	56	48003	281.234	ug/l	99
14) Allyl chloride	4.564	41	96082	53.025	ug/l #	79
15) Acrylonitrile	5.258	53	96878	271.963	ug/l	96
16) Acetone	4.022	43	65149	210.911	ug/l #	77
17) Carbon Disulfide	4.275	76	324153	49.786	ug/l	98
18) Methyl Acetate	4.564	43	56619	54.355	ug/l #	71
19) Methyl tert-butyl Ether	5.316	73	204459	52.951	ug/l	99
20) Methylene Chloride	4.805	84	152508	65.233	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	126580	53.418	ug/l #	78
22) Diisopropyl ether	6.222	45	230139	56.207	ug/l #	86
23) Vinyl Acetate	6.158	43	524869	275.983	ug/l #	86
24) 1,1-Dichloroethane	6.110	63	182091	53.670	ug/l #	97
25) 2-Butanone	7.081	43	95021	238.917	ug/l #	72
26) 2,2-Dichloropropane	7.081	77	142940	46.471	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	139907	53.299	ug/l	79
28) Bromochloromethane	7.428	49	54512	50.828	ug/l #	48
29) Tetrahydrofuran	7.446	42	60751	279.322	ug/l #	59
30) Chloroform	7.593	83	205738	53.490	ug/l	98
31) Cyclohexane	7.881	56	134668	50.897	ug/l #	81
32) 1,1,1-Trichloroethane	7.793	97	169107	53.920	ug/l	96
36) 1,1-Dichloropropene	8.010	75	147089	50.491	ug/l	91
37) Ethyl Acetate	7.163	43	46137	52.041	ug/l #	80
38) Carbon Tetrachloride	7.993	117	131915	51.421	ug/l	98
39) Methylcyclohexane	9.275	83	178363	52.948	ug/l	90
40) Benzene	8.252	78	476147	52.577	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	27141	63.795	ug/l #	69
42) 1,2-Dichloroethane	8.322	62	106406	51.728	ug/l	90
43) Isopropyl Acetate	8.357	43	83760	51.811	ug/l #	78
44) Trichloroethene	9.028	130	130784	51.027	ug/l	89
45) 1,2-Dichloropropane	9.304	63	107261	52.852	ug/l	92
46) Dibromomethane	9.393	93	65092	50.558	ug/l	96
47) Bromodichloromethane	9.587	83	152697	51.849	ug/l	99
48) Methyl methacrylate	9.381	41	40166	55.767	ug/l #	59
49) 1,4-Dioxane	9.387	88	12772	999.870	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	221640	257.137	ug/l #	79
52) Toluene	10.334	92	308017	51.149	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	136674	48.412	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	169864	50.640	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	93898	50.370	ug/l	95
56) Ethyl methacrylate	10.598	69	93663	51.055	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	144375	51.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	198040	251.358	ug/l #	86
59) 2-Hexanone	10.922	43	149742	247.076	ug/l	71
60) Dibromochloromethane	11.075	129	109329	50.120	ug/l	99
61) 1,2-Dibromoethane	11.181	107	86885	48.859	ug/l	99
64) Tetrachloroethene	10.810	164	108822	51.308	ug/l	92
65) Chlorobenzene	11.610	112	333005	52.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	116470	53.709	ug/l	96
67) Ethyl Benzene	11.687	91	560571	54.758	ug/l	96
68) m/p-Xylenes	11.793	106	469858	111.992	ug/l	89
69) o-Xylene	12.122	106	215331	56.761	ug/l	90
70) Styrene	12.134	104	373753	53.610	ug/l	93
71) Bromoform	12.298	173	62965	55.545	ug/l #	99
73) Isopropylbenzene	12.422	105	538396	55.777	ug/l	98
74) N-amyl acetate	12.234	43	76864	54.190	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.675	83	100862	53.791	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	112751	94.007	ug/l #	100
77) Bromobenzene	12.704	156	131669	52.911	ug/l	89
78) n-propylbenzene	12.763	91	653564	55.238	ug/l	97
79) 2-Chlorotoluene	12.851	91	357241	53.234	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	450468	55.980	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	28086	50.754	ug/l #	71
82) 4-Chlorotoluene	12.951	91	365031	52.312	ug/l	92
83) tert-Butylbenzene	13.169	119	381179	56.179	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	447593	55.433	ug/l	94
85) sec-Butylbenzene	13.345	105	581570	55.561	ug/l	98
86) p-Isopropyltoluene	13.463	119	478305	54.889	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	272673	52.671	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	264661	51.747	ug/l	97
89) n-Butylbenzene	13.787	91	420693	52.411	ug/l	98
90) Hexachloroethane	14.057	117	93037	53.737	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	237988	53.665	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13517	53.775	ug/l	85
93) 1,2,4-Trichlorobenzene	15.104	180	123366	47.816	ug/l	97
94) Hexachlorobutadiene	15.204	225	58888	47.754	ug/l	98
95) Naphthalene	15.334	128	258915	52.972	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	114886	50.592	ug/l	98

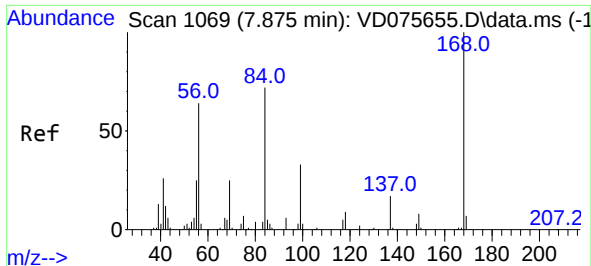
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QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

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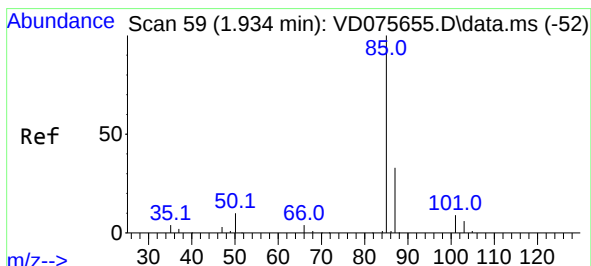
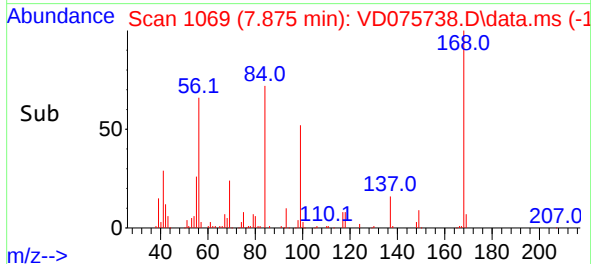
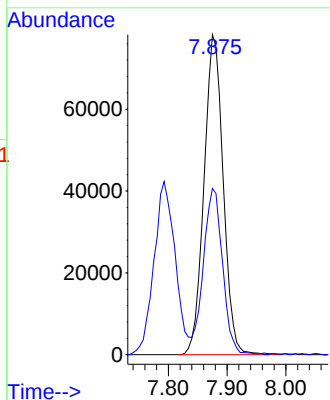
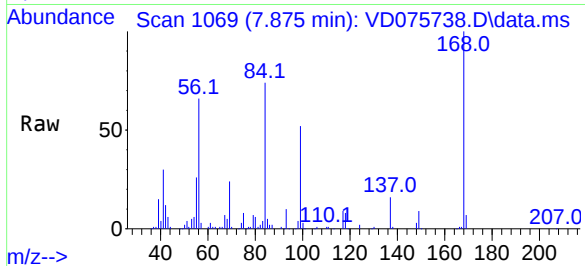
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

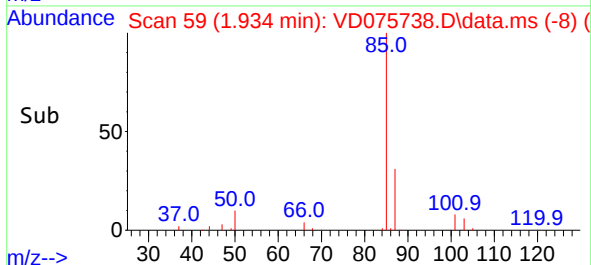
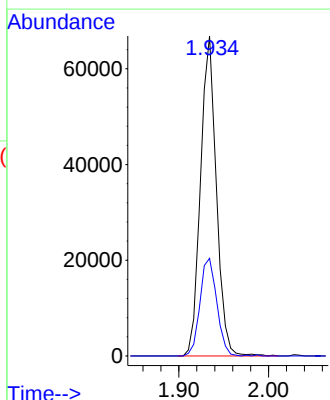
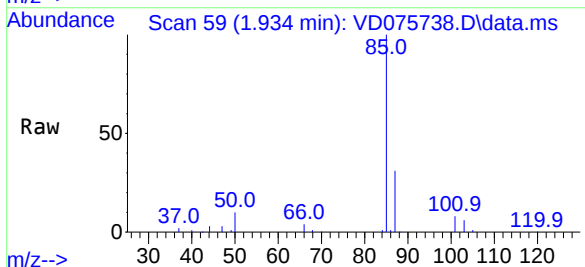
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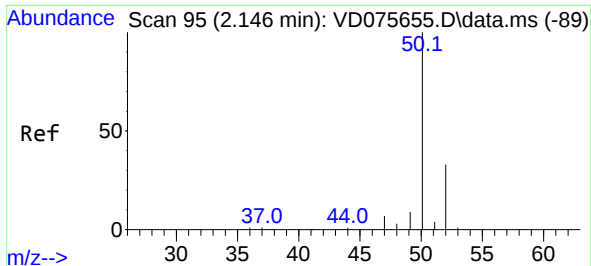
Tgt Ion:168 Resp: 177635
Ion Ratio Lower Upper
168 100
99 51.7 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 49.619 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 85 Resp: 81898
Ion Ratio Lower Upper
85 100
87 30.5 17.3 51.7

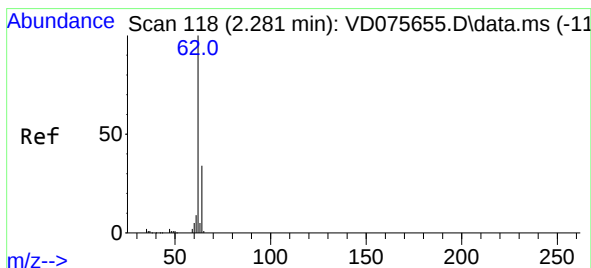
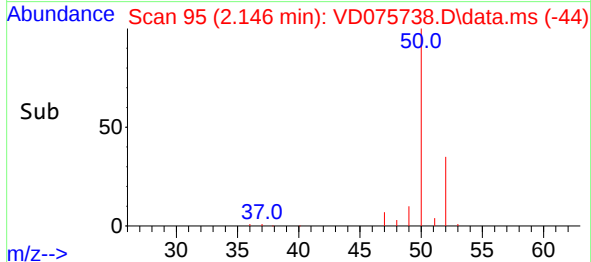
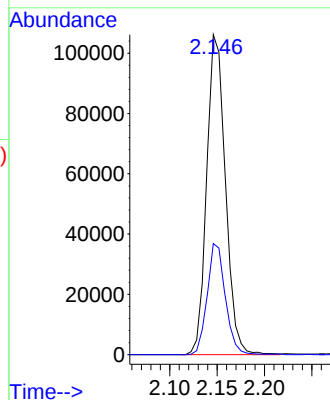
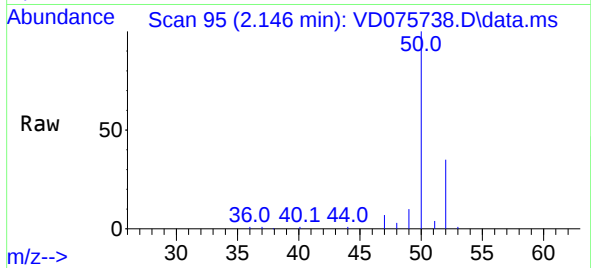




#3
Chloromethane
Concen: 48.979 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

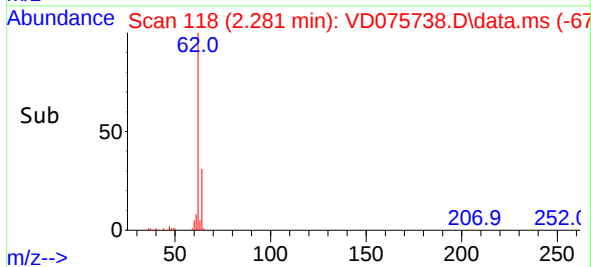
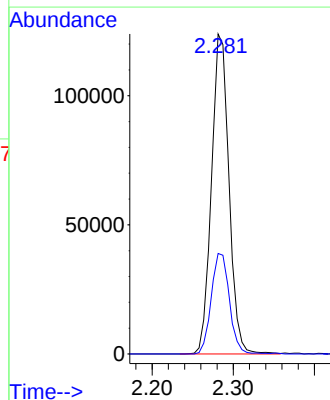
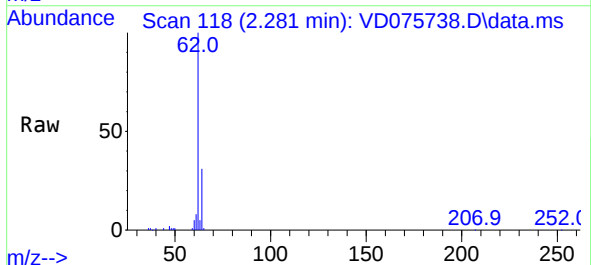
Instrument :
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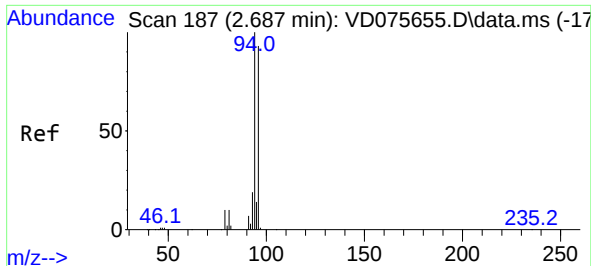
Tgt Ion: 50 Resp: 145973
Ion Ratio Lower Upper
50 100
52 34.7 27.8 41.8



#4
Vinyl Chloride
Concen: 46.765 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 62 Resp: 184947
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

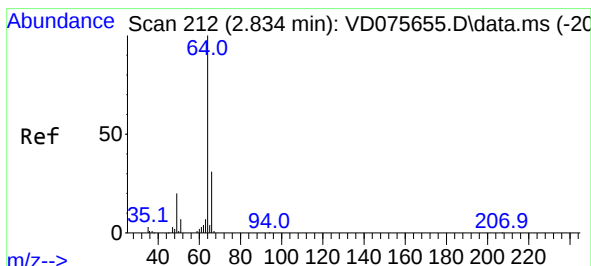
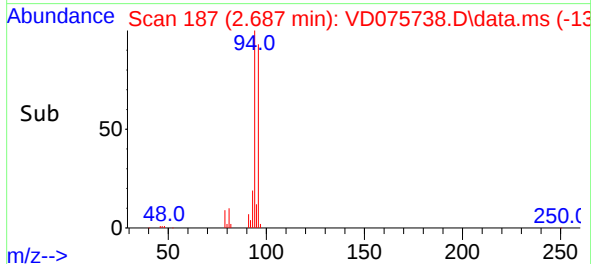
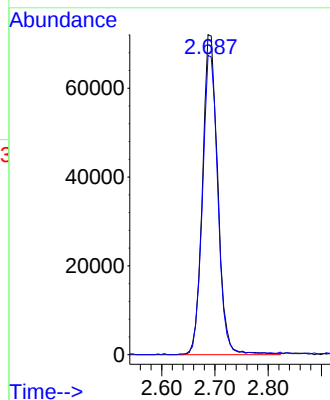
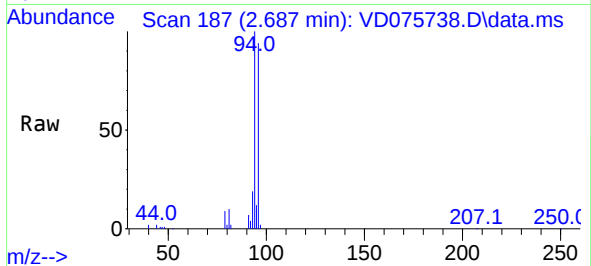




#5
Bromomethane
Concen: 46.487 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

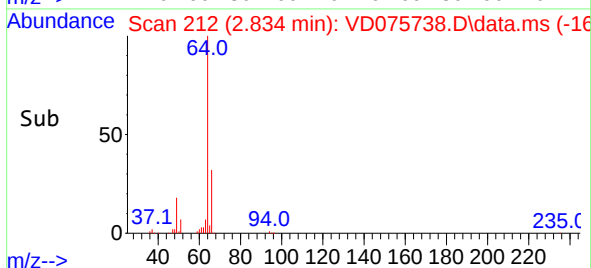
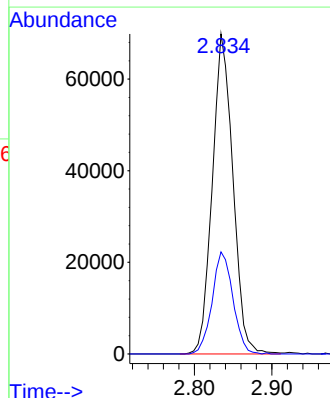
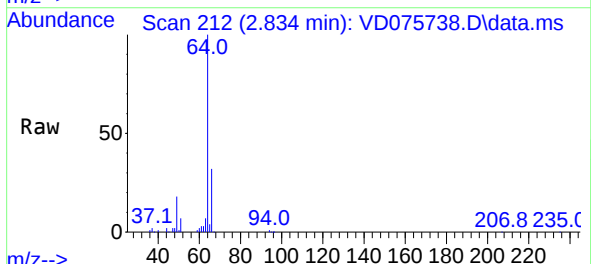
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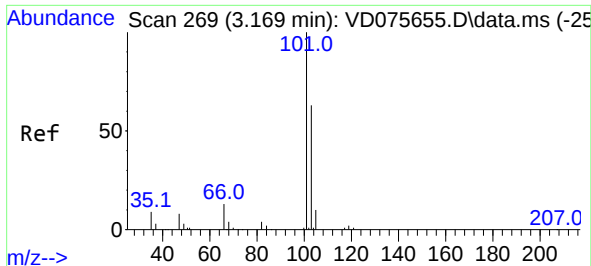
Tgt Ion: 94 Resp: 143546
Ion Ratio Lower Upper
94 100
96 93.8 77.5 116.3



#6
Chloroethane
Concen: 48.443 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 64 Resp: 128990
Ion Ratio Lower Upper
64 100
66 31.9 27.7 41.5

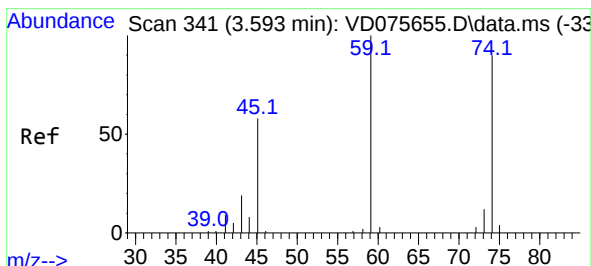
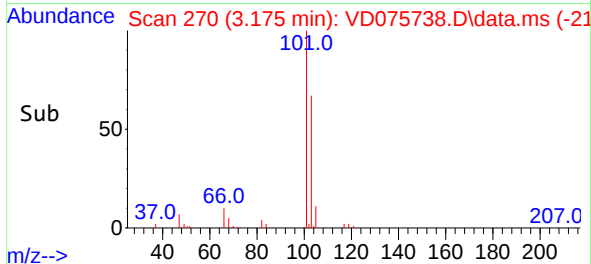
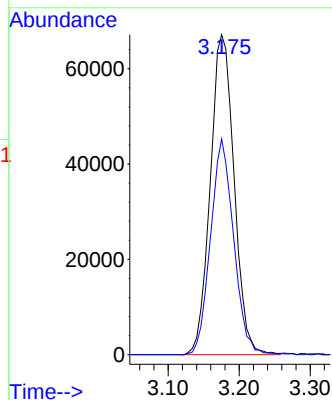
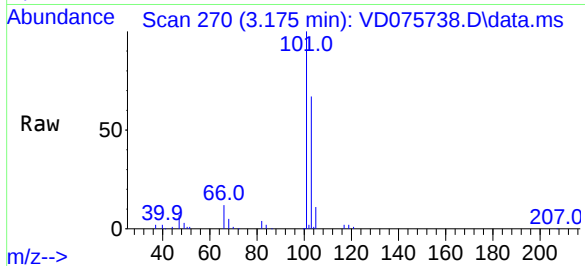




#7
Trichlorofluoromethane
Concen: 51.018 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

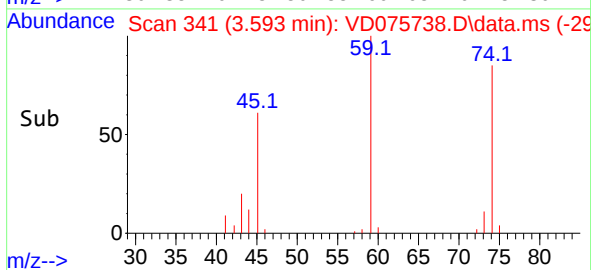
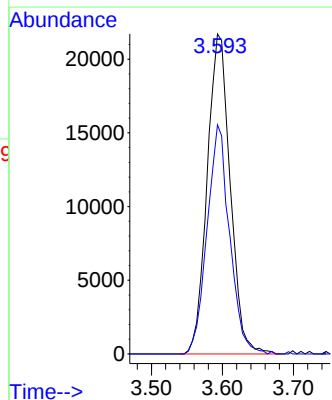
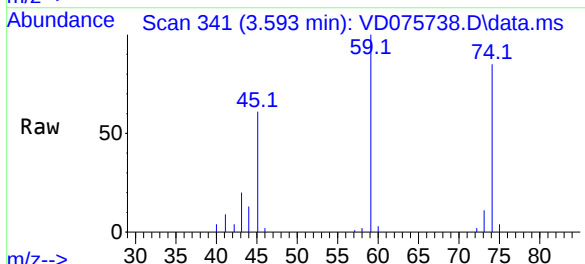
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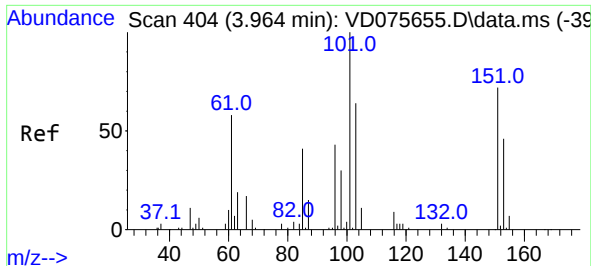
Tgt Ion:101 Resp: 156333
Ion Ratio Lower Upper
101 100
103 67.4 51.9 77.9



#8
Diethyl Ether
Concen: 51.235 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 74 Resp: 48864
Ion Ratio Lower Upper
74 100
45 70.2 50.9 152.7

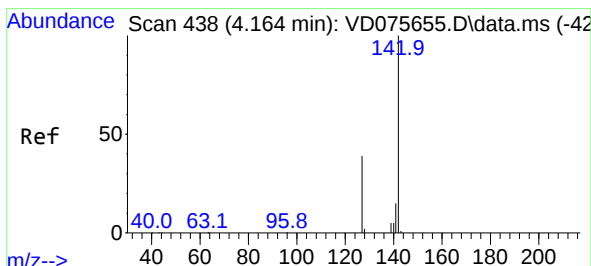
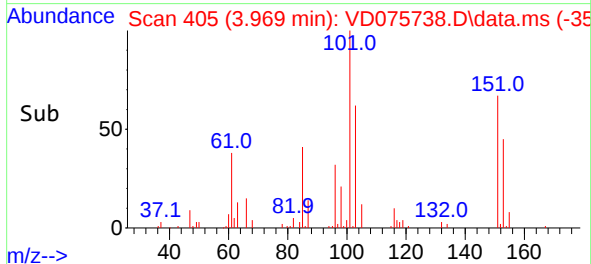
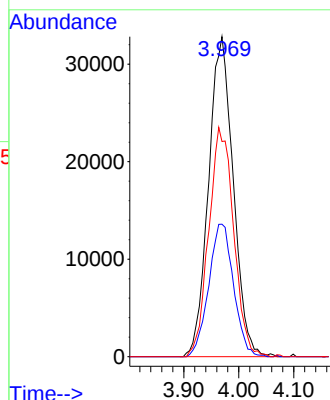
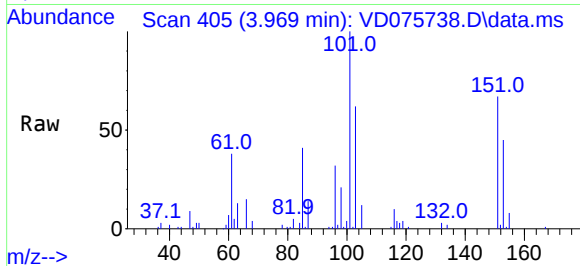




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.208 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD075738.D
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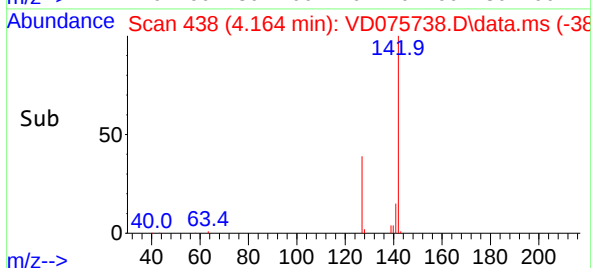
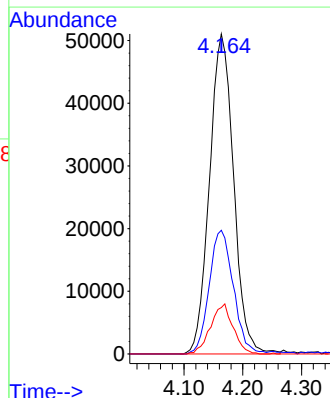
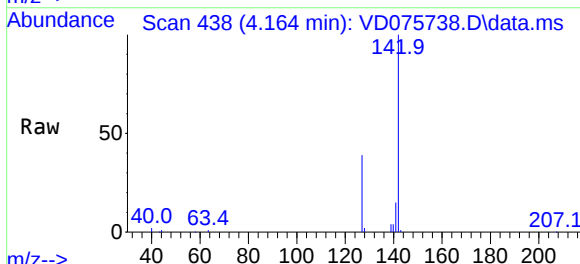
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

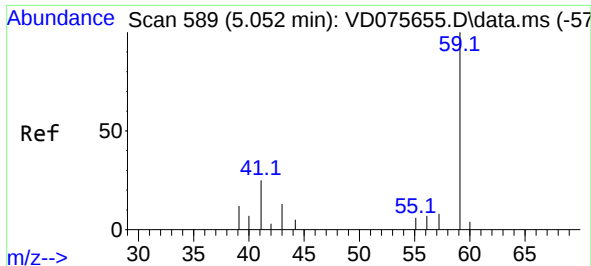
Tgt Ion:101 Resp: 102244
Ion Ratio Lower Upper
101 100
85 41.8 38.3 57.5
151 72.3 60.4 90.6



#10
Methyl Iodide
Concen: 55.357 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:142 Resp: 145581
Ion Ratio Lower Upper
142 100
127 38.7 37.1 55.7
141 14.5 11.3 16.9

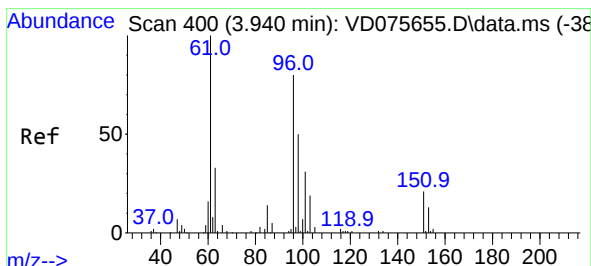
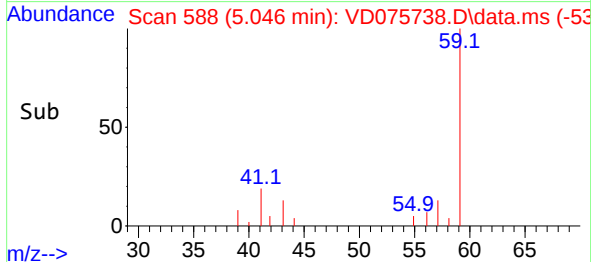
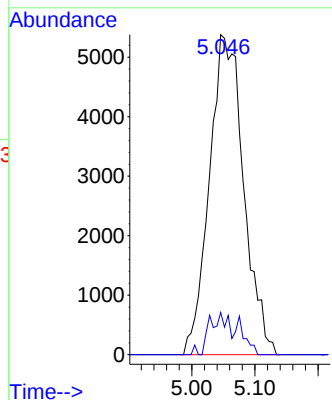
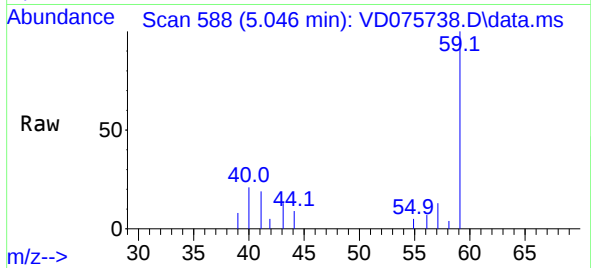




#11
Tert butyl alcohol
Concen: 239.399 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

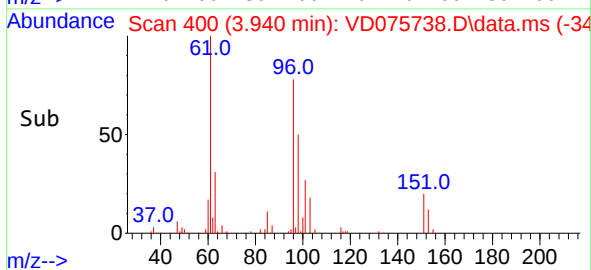
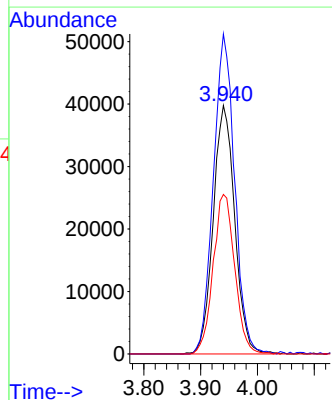
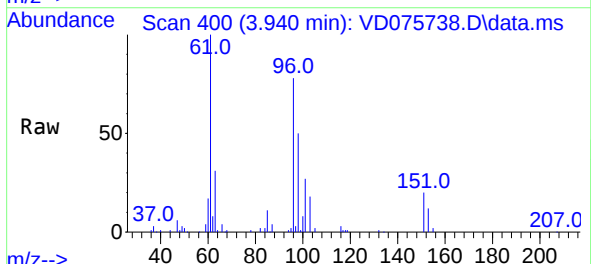
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

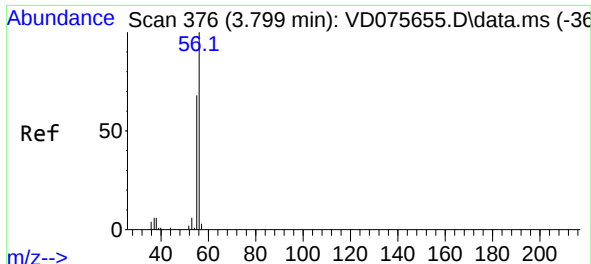
Tgt Ion: 59 Resp: 20258
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 52.647 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 96 Resp: 104748
Ion Ratio Lower Upper
96 100
61 128.8 118.6 177.8
98 64.2 49.7 74.5





#13

Acrolein

Concen: 281.234 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

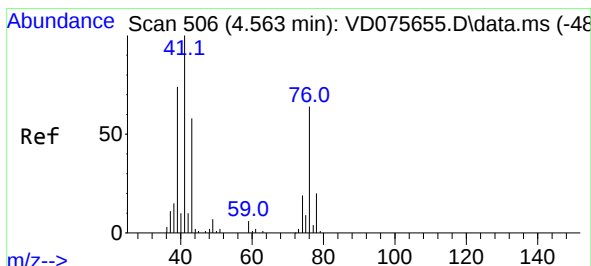
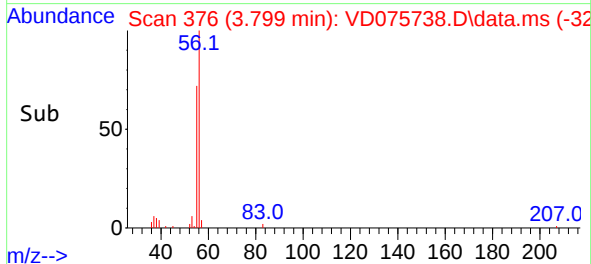
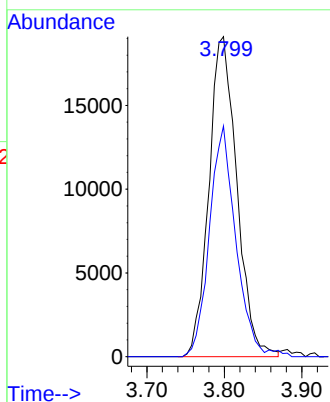
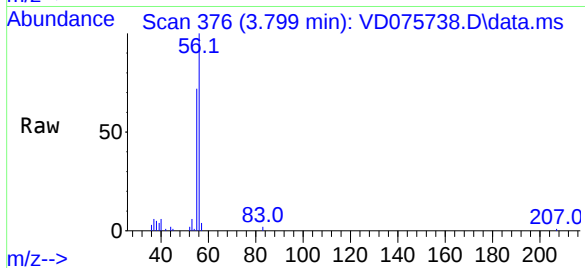
VSTDCCC050EC

Tgt Ion: 56 Resp: 48003

Ion Ratio Lower Upper

56 100

55 68.2 53.9 80.9



#14

Allyl chloride

Concen: 53.025 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

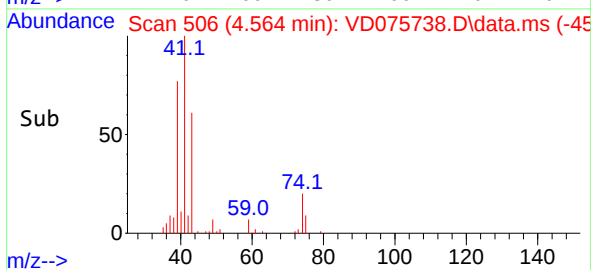
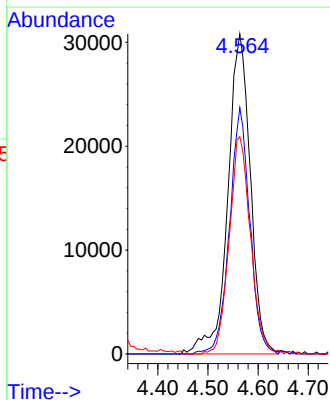
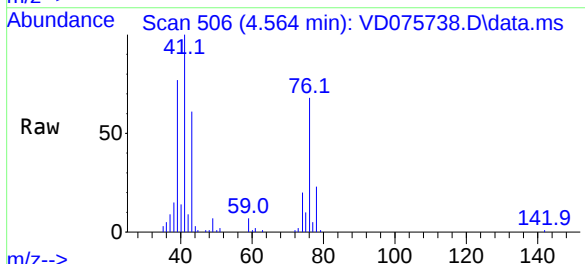
Tgt Ion: 41 Resp: 96082

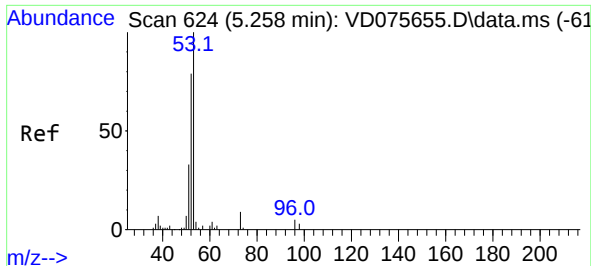
Ion Ratio Lower Upper

41 100

39 69.4 60.6 90.8

76 64.2 28.6 43.0#

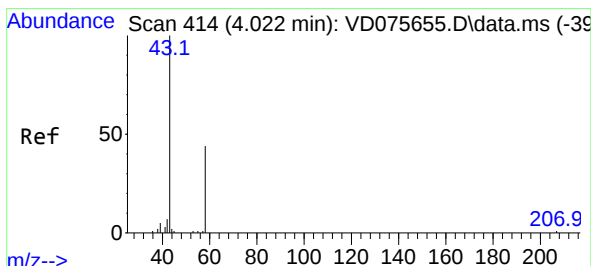
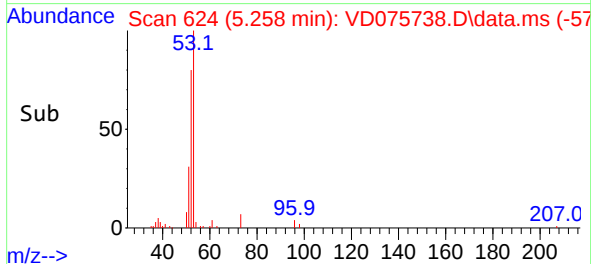
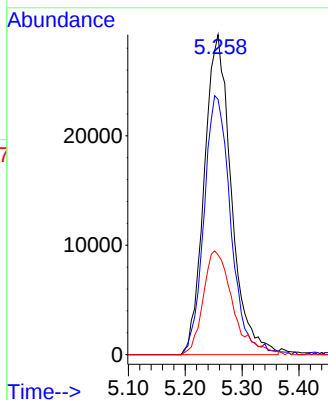
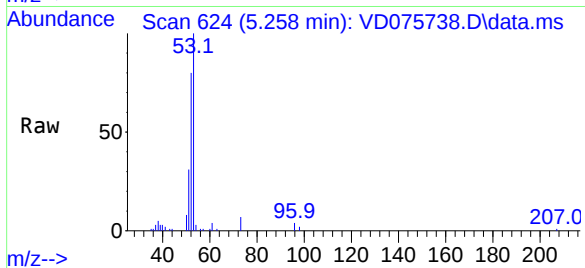




#15
Acrylonitrile
Concen: 271.963 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

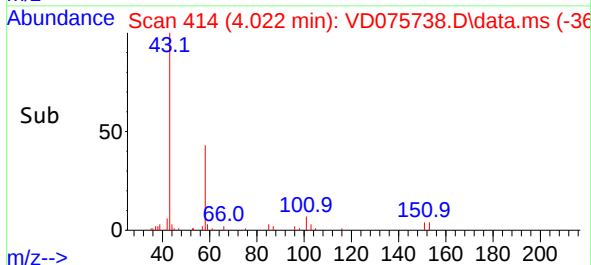
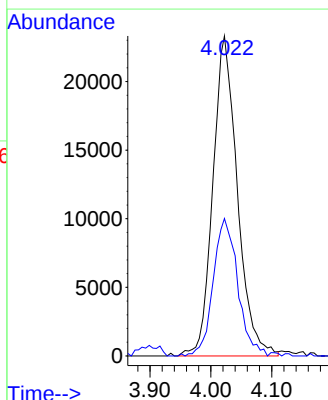
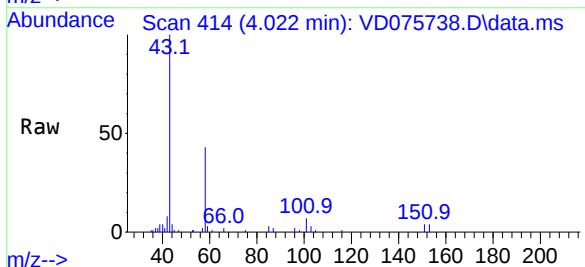
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

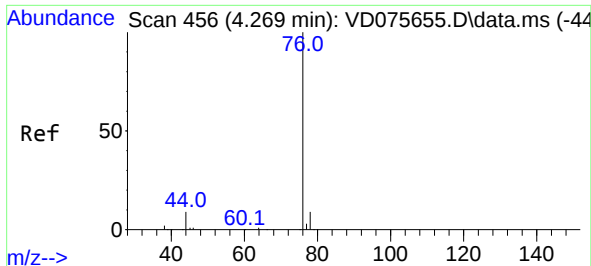
Tgt Ion:	53	Resp:	96878
Ion	Ratio	Lower	Upper
53	100		
52	80.1	66.2	99.4
51	35.5	30.7	46.1



#16
Acetone
Concen: 210.911 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:	43	Resp:	65149
Ion	Ratio	Lower	Upper
43	100		
58	42.9	24.4	36.6

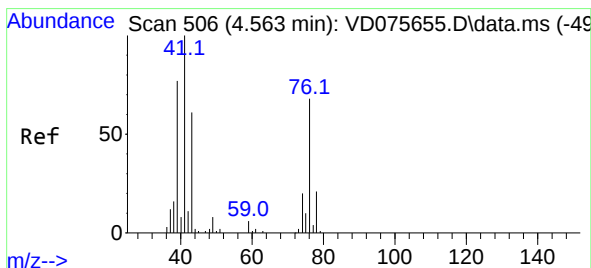
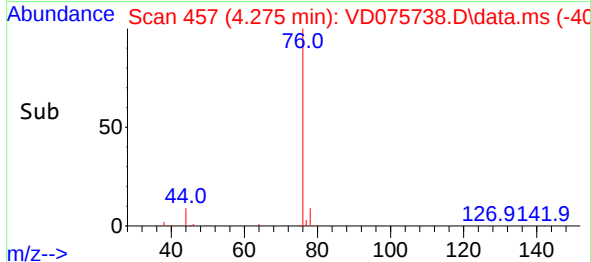
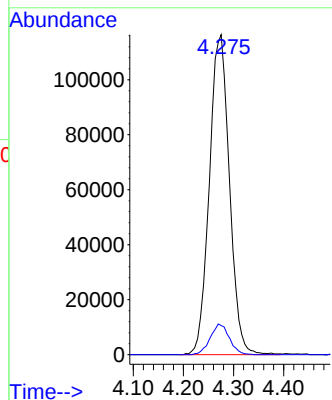
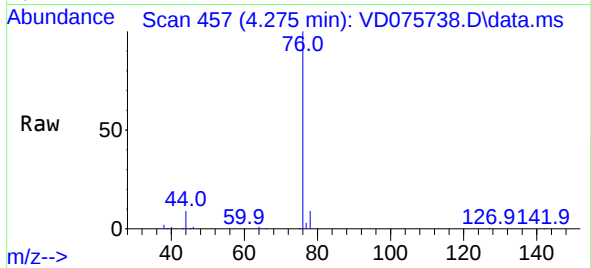




#17
Carbon Disulfide
Concen: 49.786 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

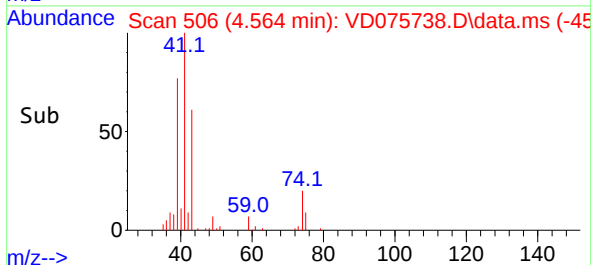
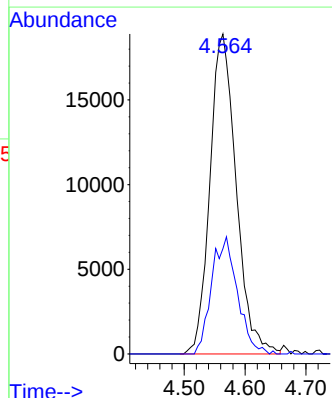
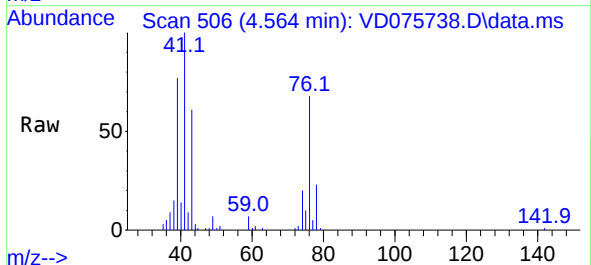
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

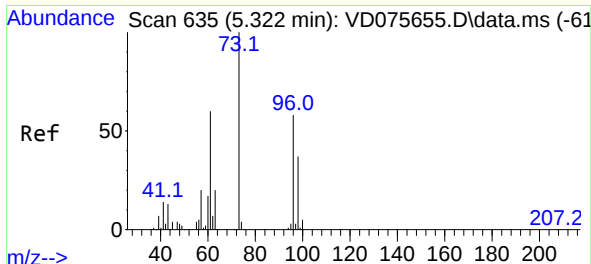
Tgt Ion: 76 Resp: 324153
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 54.355 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 43 Resp: 56619
Ion Ratio Lower Upper
43 100
74 36.1 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 52.951 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

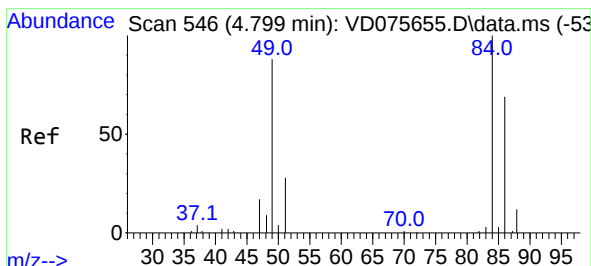
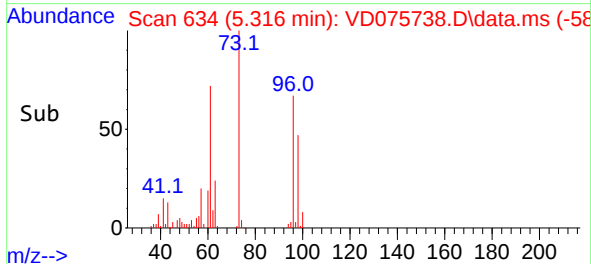
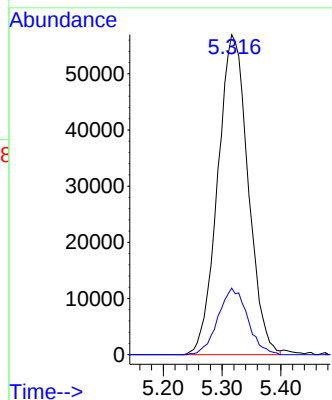
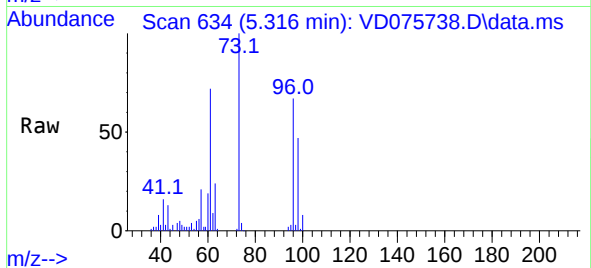
VSTDCCC050EC

Tgt Ion: 73 Resp: 204459

Ion Ratio Lower Upper

73 100

57 20.8 17.2 25.8



#20

Methylene Chloride

Concen: 65.233 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Tgt Ion: 84 Resp: 152508

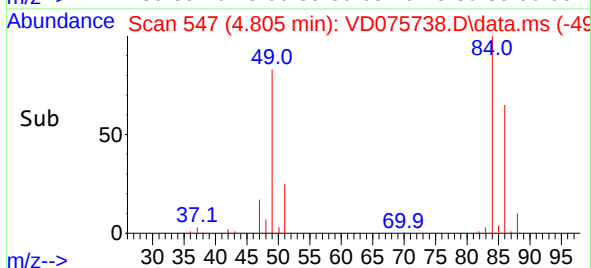
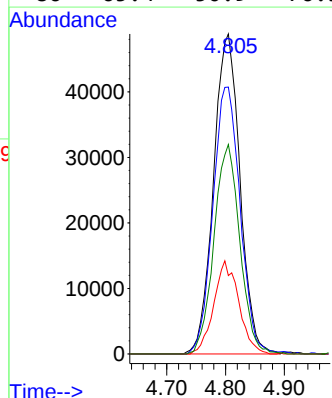
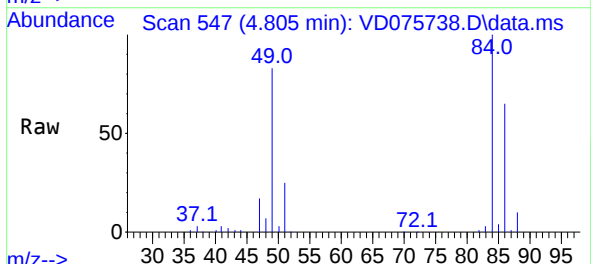
Ion Ratio Lower Upper

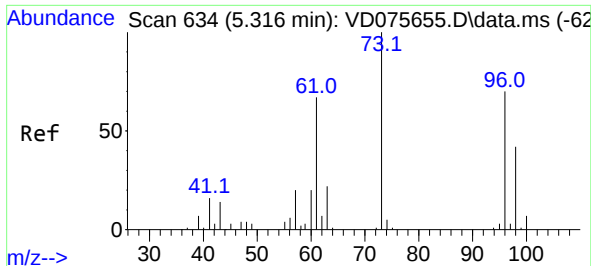
84 100

49 83.4 106.4 159.6#

51 24.5 32.4 48.6#

86 65.4 50.9 76.3

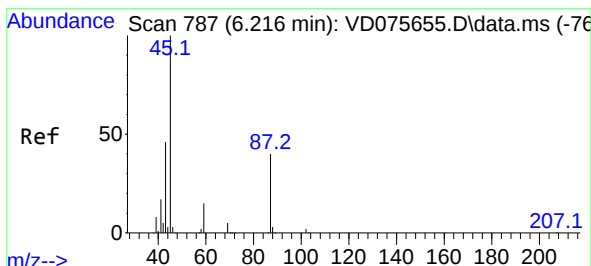
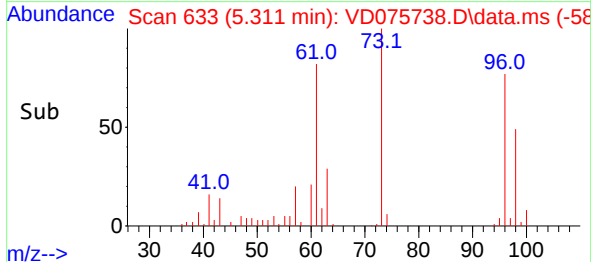
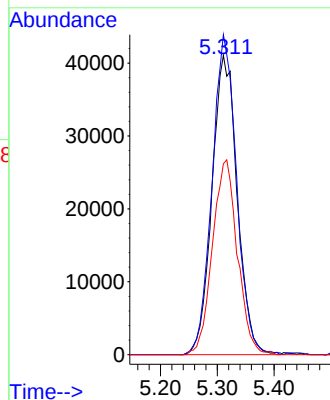
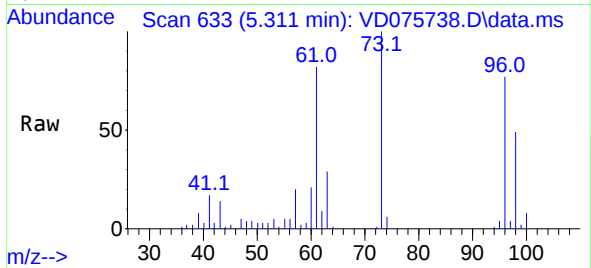




#21
trans-1,2-Dichloroethene
Concen: 53.418 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

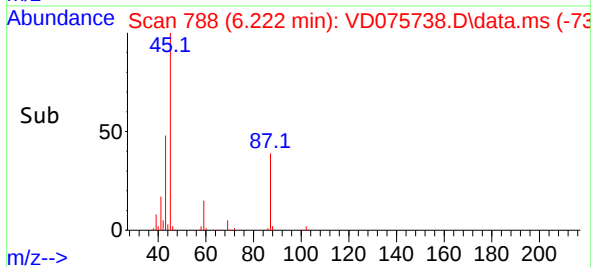
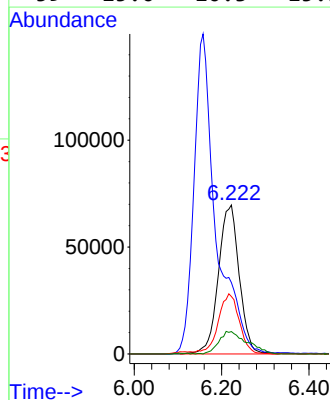
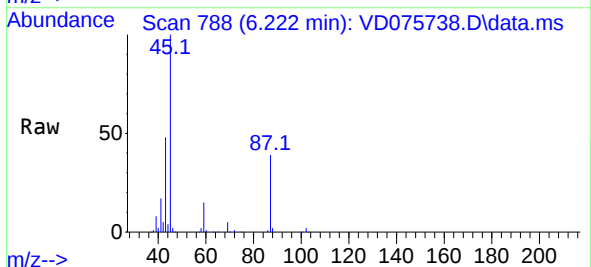
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

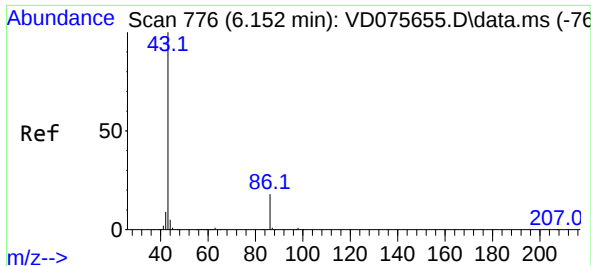
Tgt Ion: 96 Resp: 126580
Ion Ratio Lower Upper
96 100
61 106.9 117.2 175.8#
98 63.7 50.6 76.0



#22
Diisopropyl ether
Concen: 56.207 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 45 Resp: 230139
Ion Ratio Lower Upper
45 100
43 47.1 44.4 66.6
87 38.3 20.9 31.3#
59 15.0 10.3 15.5

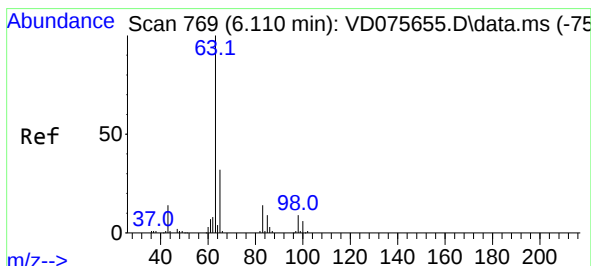
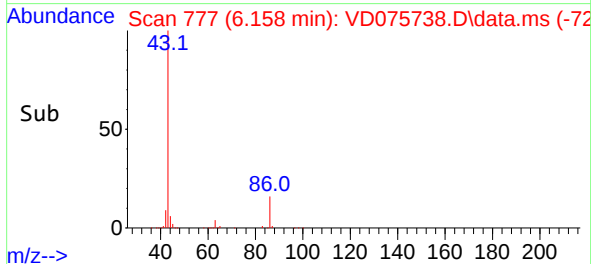
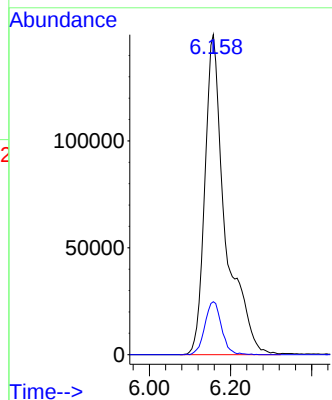
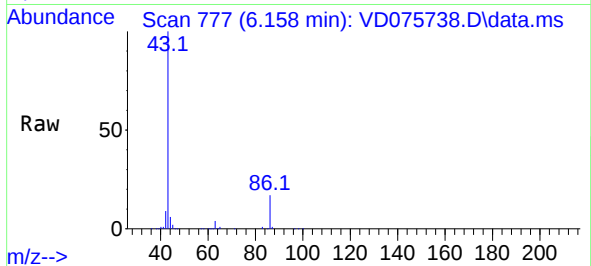




#23
 Vinyl Acetate
 Concen: 275.983 ug/l
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

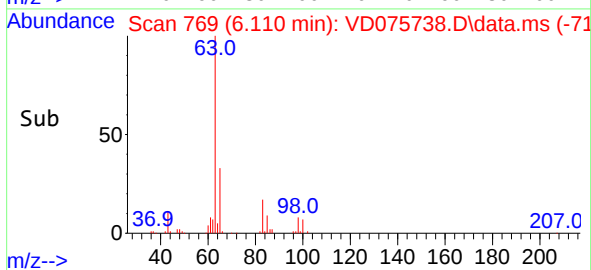
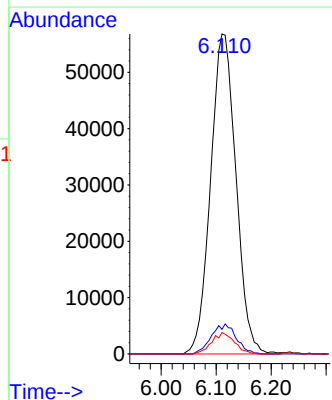
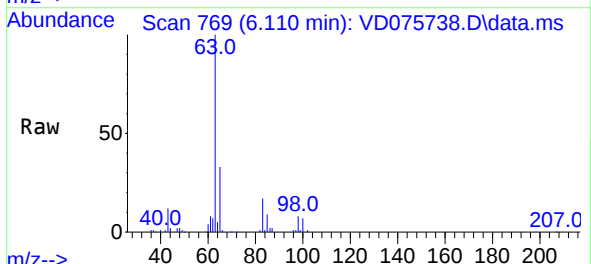
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

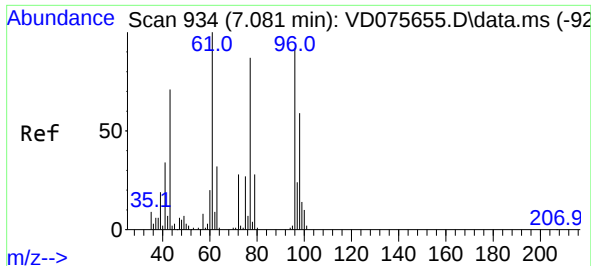
Tgt Ion: 43 Resp: 524869
 Ion Ratio Lower Upper
 43 100
 86 16.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 53.670 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

Tgt Ion: 63 Resp: 182091
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 6.7 2.0 6.0#

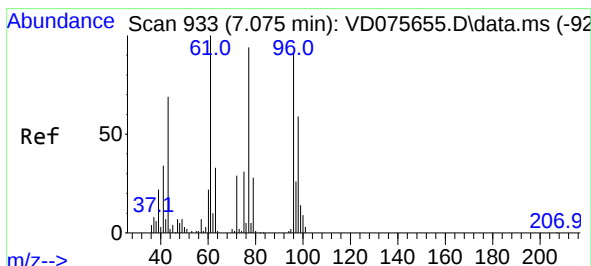
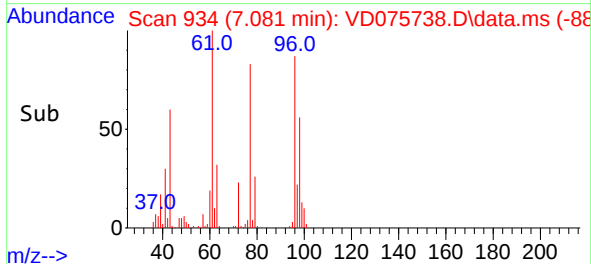
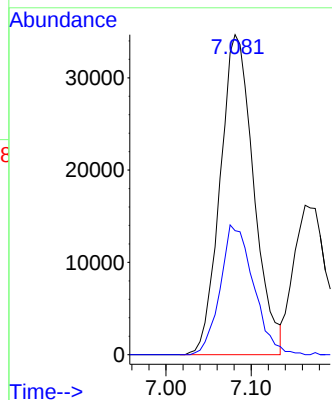
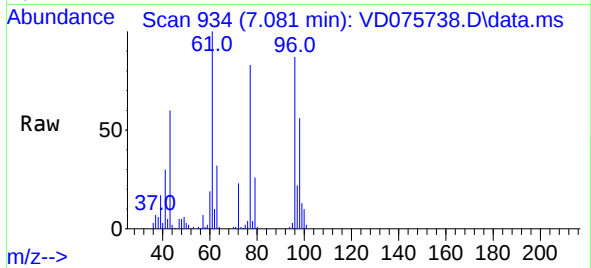




#25
2-Butanone
Concen: 238.917 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

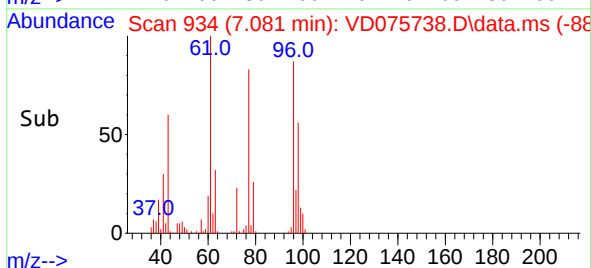
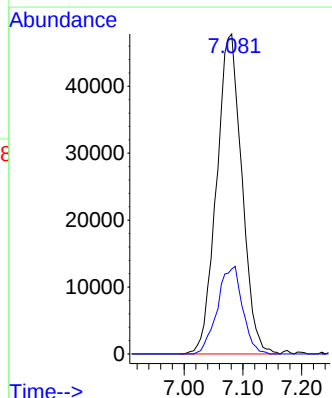
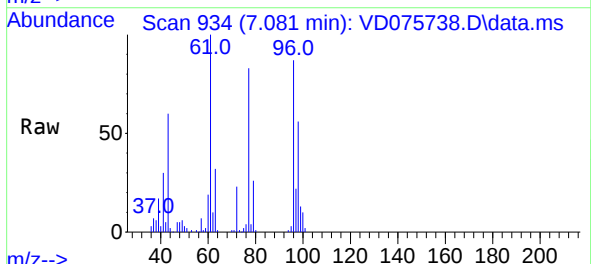
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

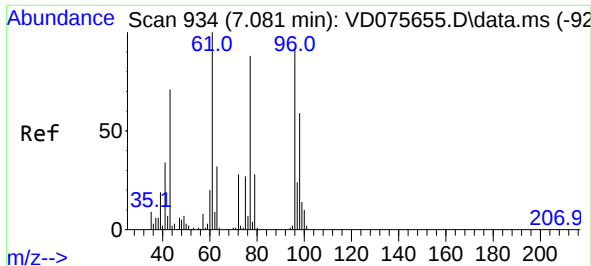
Tgt Ion: 43 Resp: 95021
Ion Ratio Lower Upper
43 100
72 38.8 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 46.471 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 77 Resp: 142940
Ion Ratio Lower Upper
77 100
97 27.1 11.1 33.1



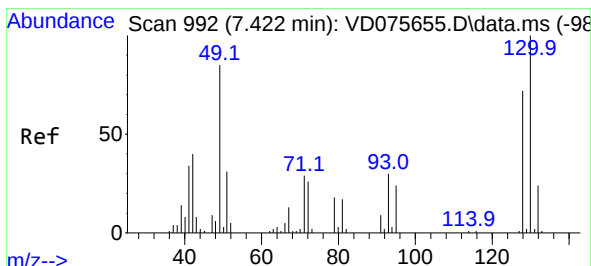
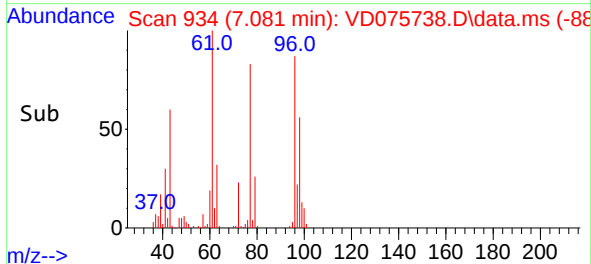
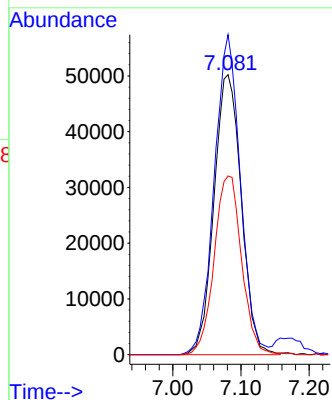
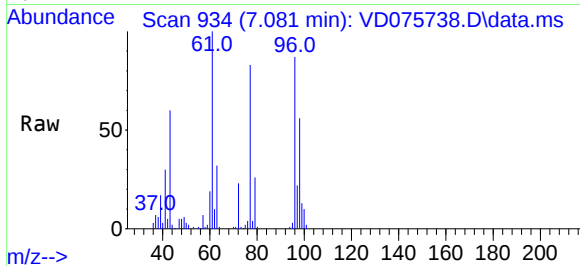


#27
 cis-1,2-Dichloroethene
 Concen: 53.299 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 139907

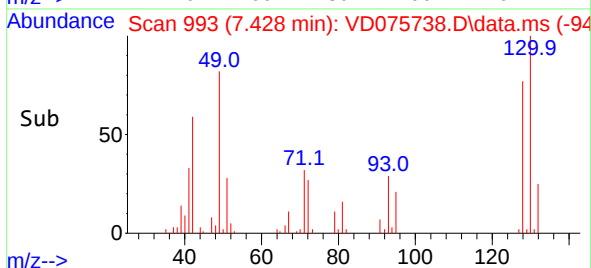
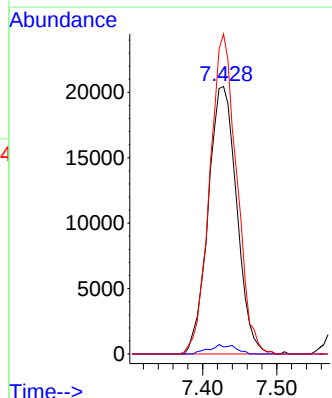
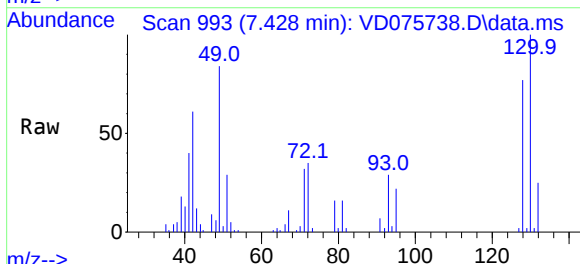
Ion	Ratio	Lower	Upper
96	100		
61	109.3	0.0	295.2
98	64.3	0.0	129.2

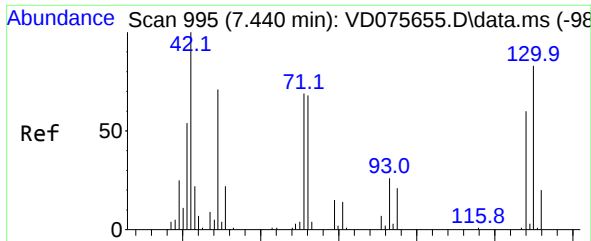


#28
 Bromochloromethane
 Concen: 50.828 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

Tgt Ion: 49 Resp: 54512

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	2.2#
130	113.5	56.0	84.0#





#29

Tetrahydrofuran

Concen: 279.322 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

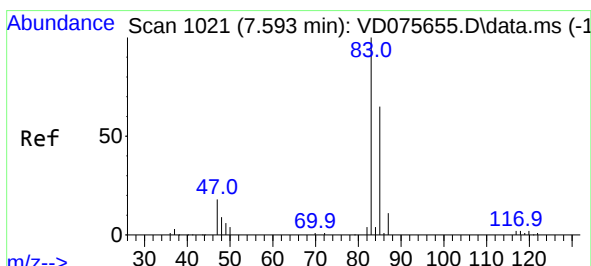
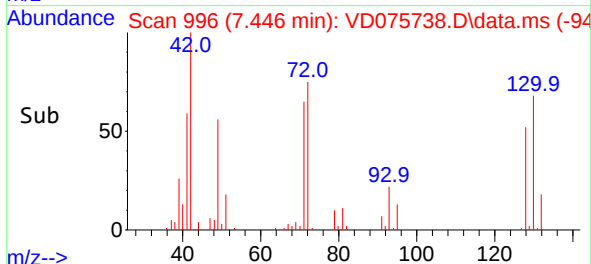
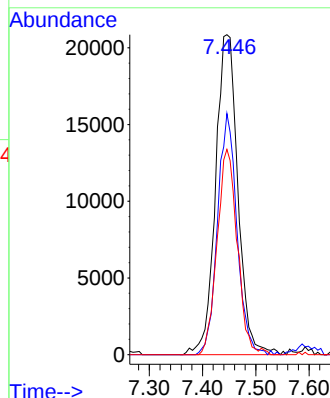
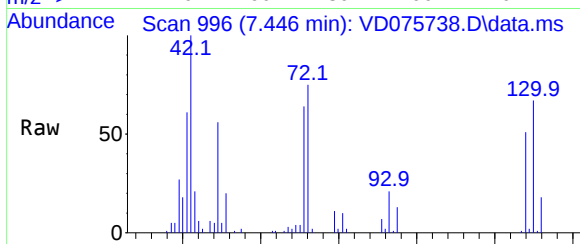
Tgt Ion: 42 Resp: 60751

Ion Ratio Lower Upper

42 100

72 65.5 31.8 47.6#

71 57.5 27.6 41.4#



#30

Chloroform

Concen: 53.490 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075738.D

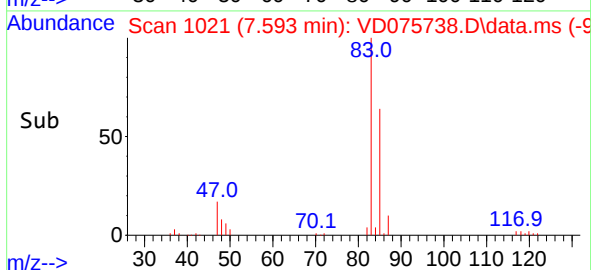
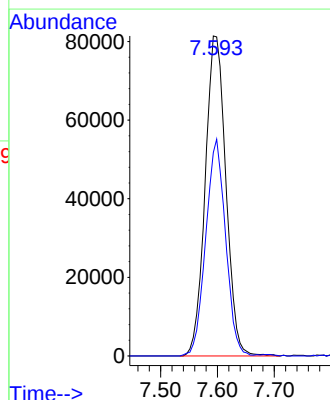
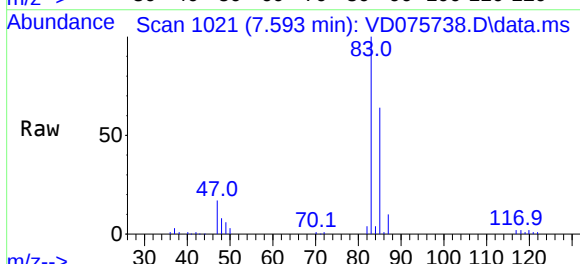
Acq: 18 Apr 2023 20:39

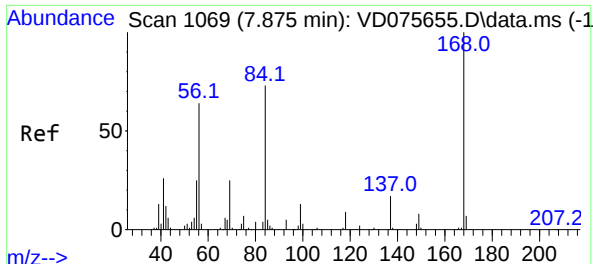
Tgt Ion: 83 Resp: 205738

Ion Ratio Lower Upper

83 100

85 63.6 49.4 74.2





#31

Cyclohexane

Concen: 50.897 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

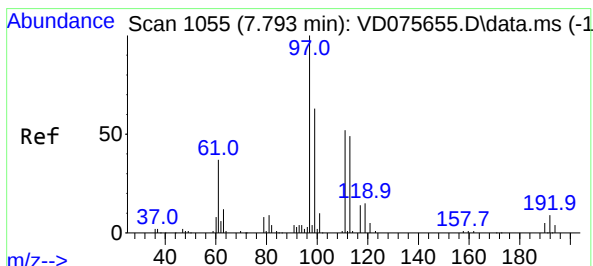
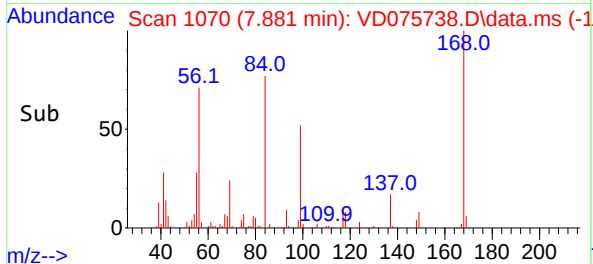
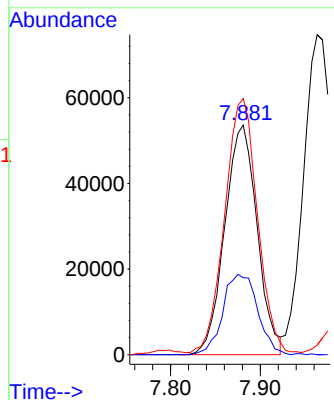
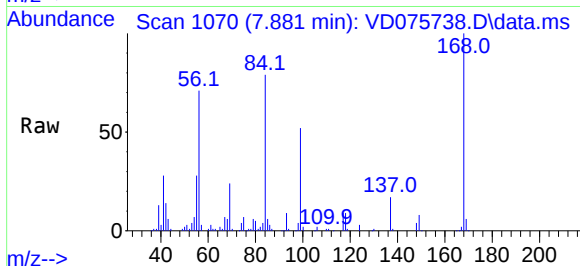
Tgt Ion: 56 Resp: 134668

Ion Ratio Lower Upper

56 100

69 33.5 25.5 38.3

84 110.4 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 53.920 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

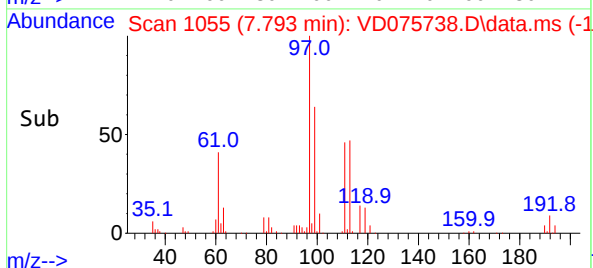
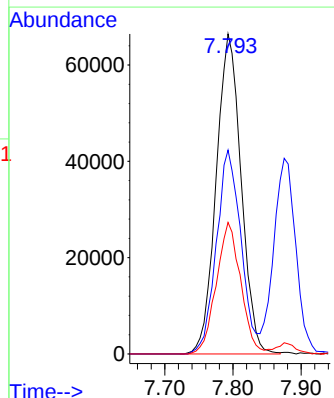
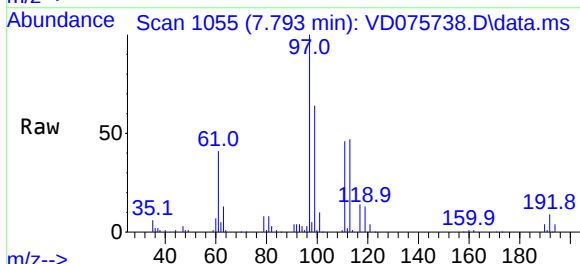
Tgt Ion: 97 Resp: 169107

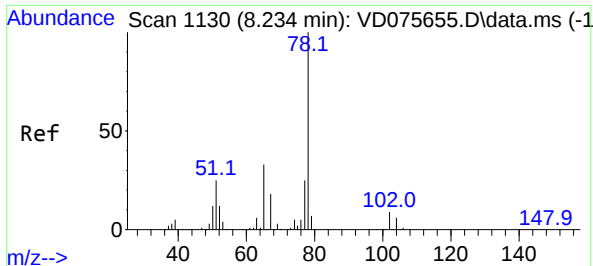
Ion Ratio Lower Upper

97 100

99 63.4 50.5 75.7

61 40.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.547 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

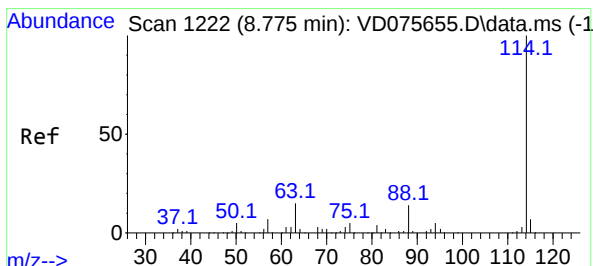
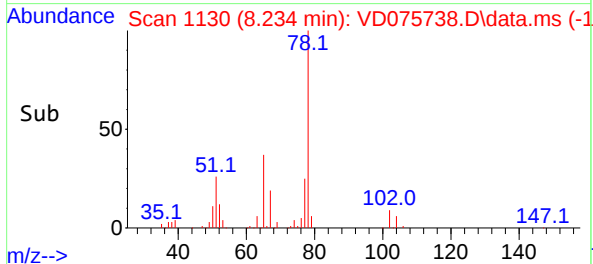
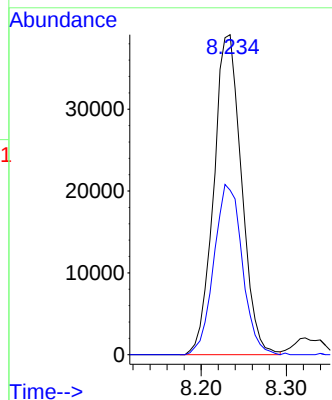
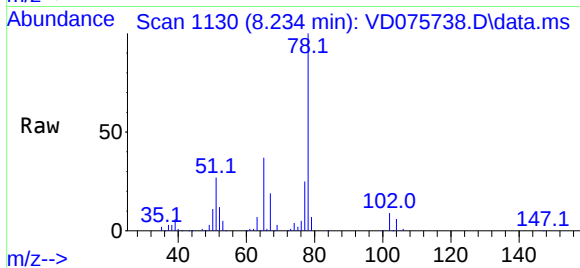
VSTDCCC050EC

Tgt Ion: 65 Resp: 88600

Ion Ratio Lower Upper

65 100

67 54.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

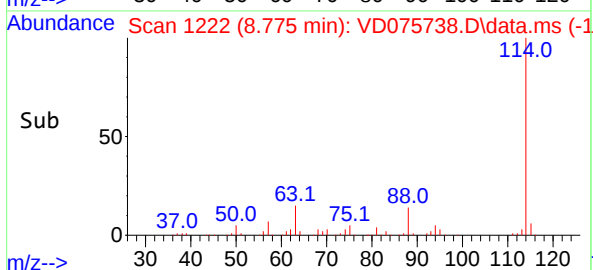
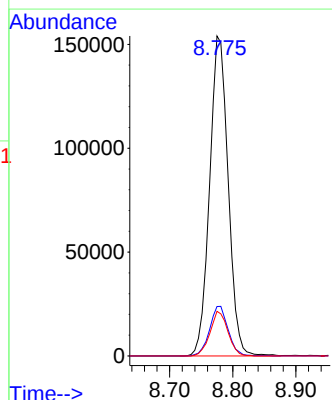
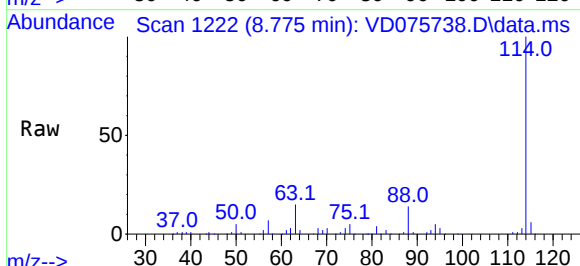
Tgt Ion: 114 Resp: 313953

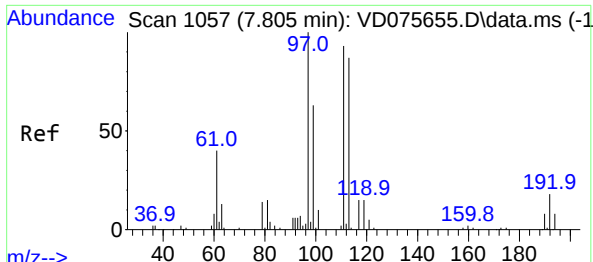
Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.9 0.0 30.6

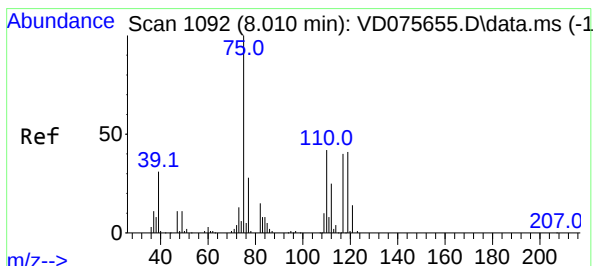
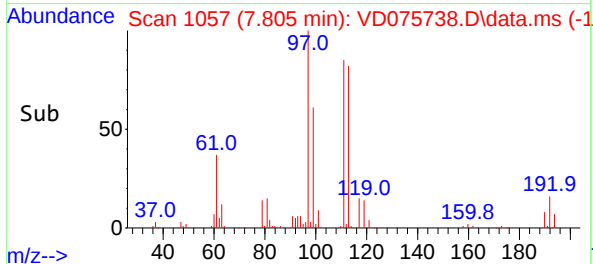
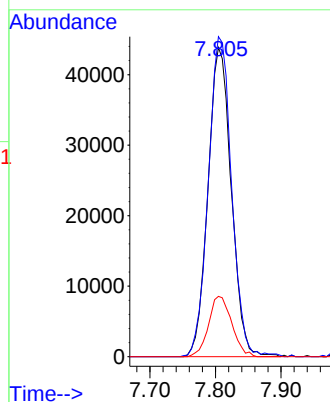
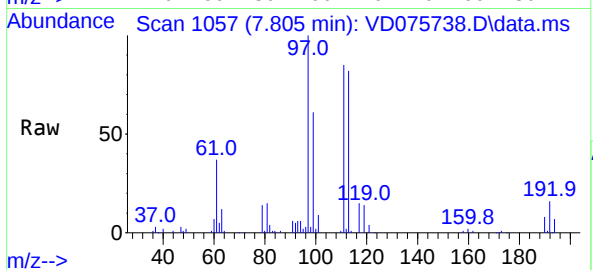




#35
Dibromofluoromethane
Concen: 51.237 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

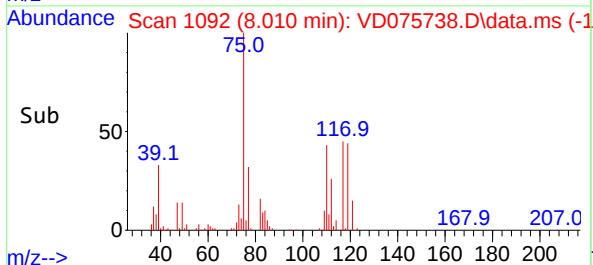
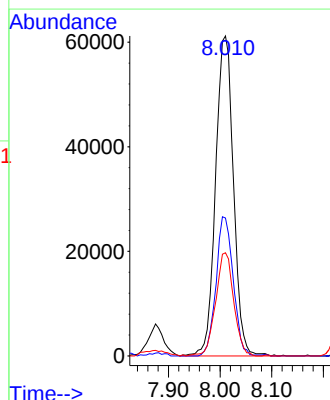
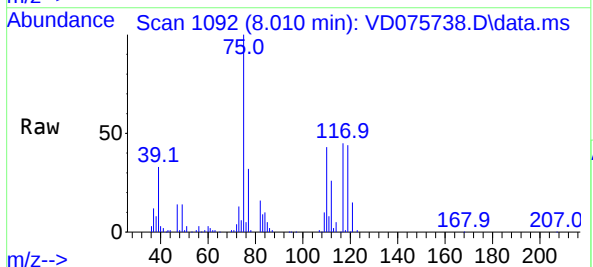
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

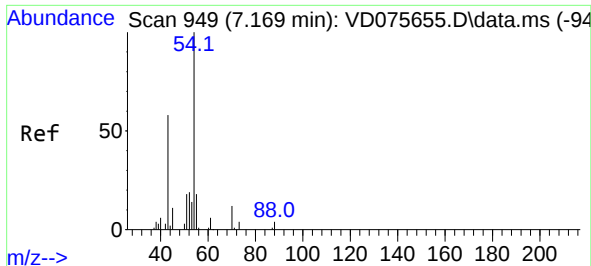
Tgt Ion:113 Resp: 108194
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 19.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 50.491 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 75 Resp: 147089
Ion Ratio Lower Upper
75 100
110 41.8 17.1 51.2
77 32.6 24.6 36.8

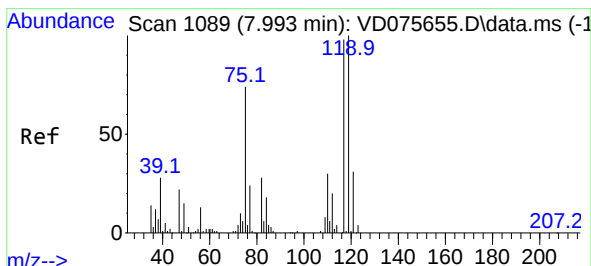
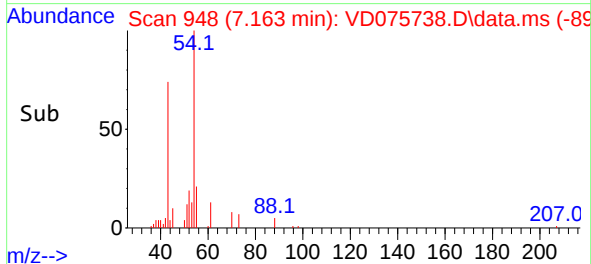
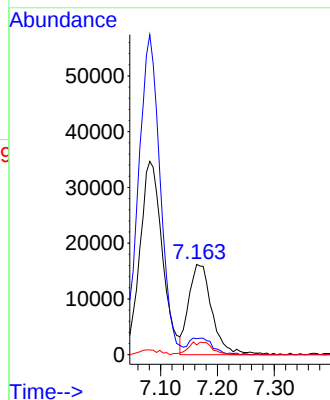
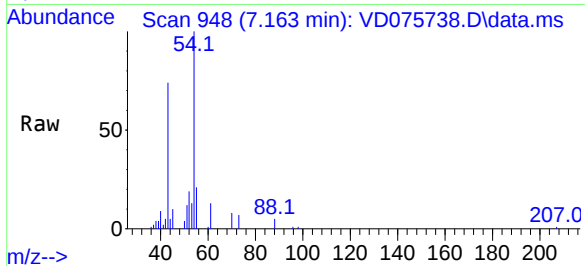




#37
Ethyl Acetate
Concen: 52.041 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

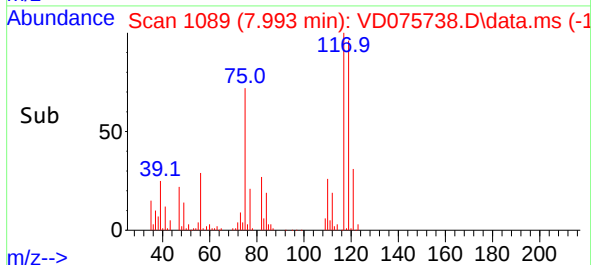
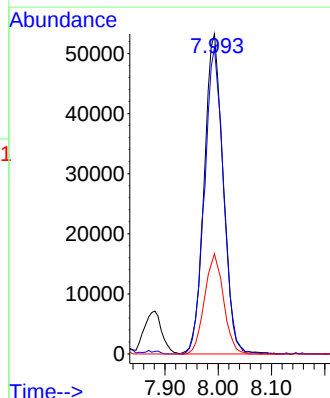
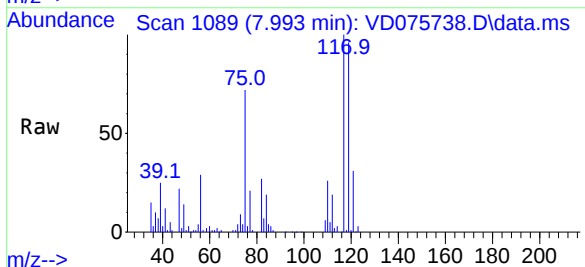
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

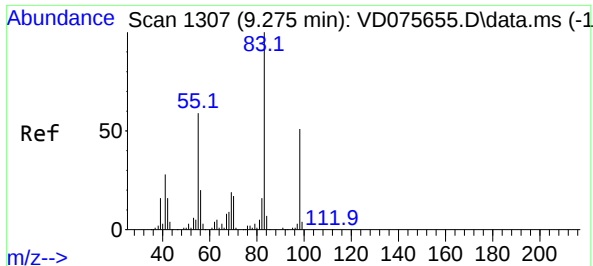
Tgt Ion: 43 Resp: 46137
Ion Ratio Lower Upper
43 100
61 19.3 0.0 0.0#
70 14.0 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 51.421 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 117 Resp: 131915
Ion Ratio Lower Upper
117 100
119 95.8 74.7 112.1
121 31.3 25.9 38.9





#39

Methylcyclohexane

Concen: 52.948 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

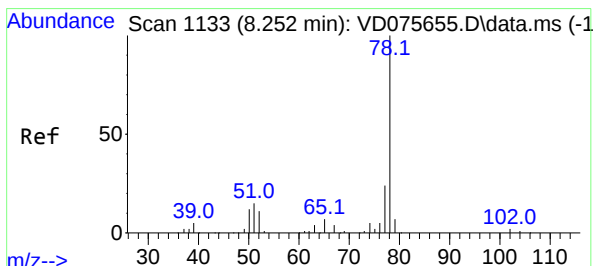
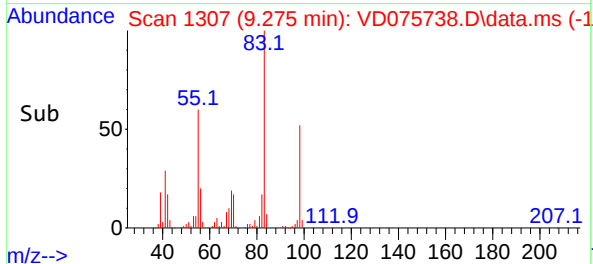
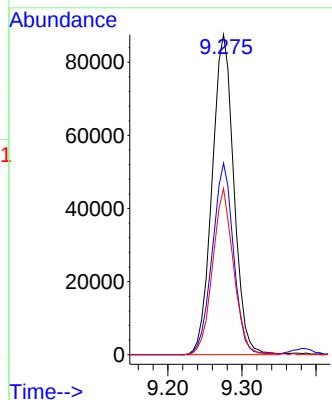
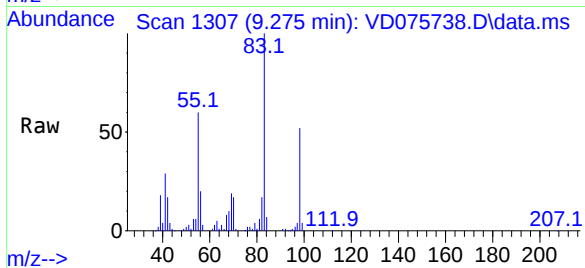
Tgt Ion: 83 Resp: 178363

Ion Ratio Lower Upper

83 100

55 59.8 56.8 85.2

98 51.9 38.9 58.3



#40

Benzene

Concen: 52.577 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075738.D

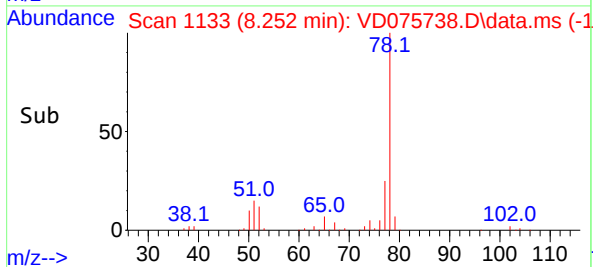
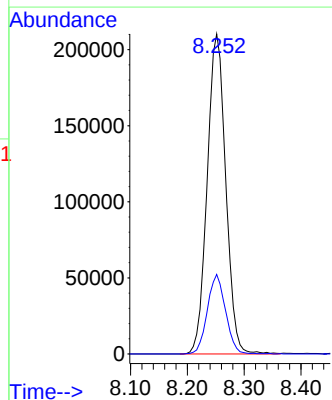
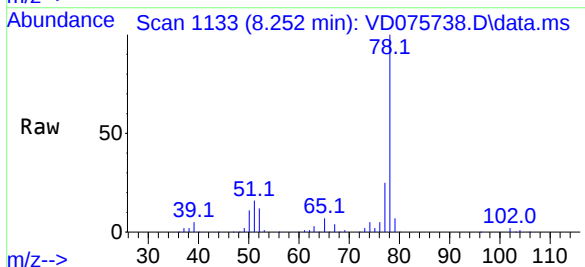
Acq: 18 Apr 2023 20:39

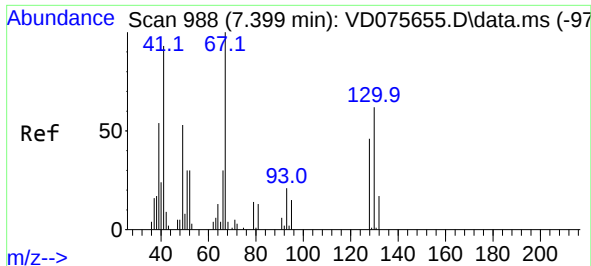
Tgt Ion: 78 Resp: 476147

Ion Ratio Lower Upper

78 100

77 24.9 19.1 28.7

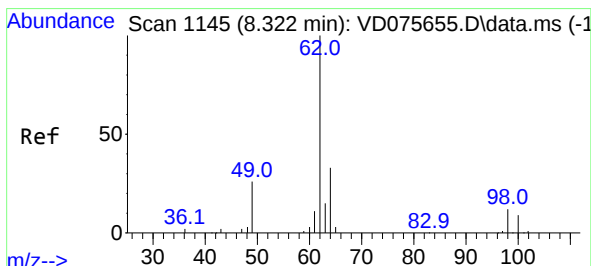
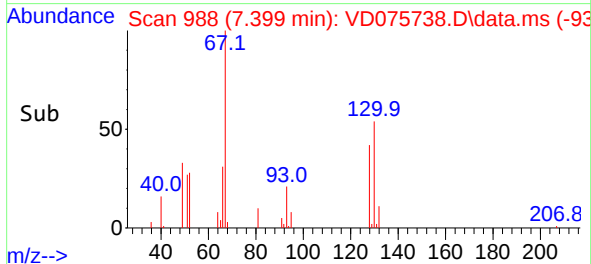
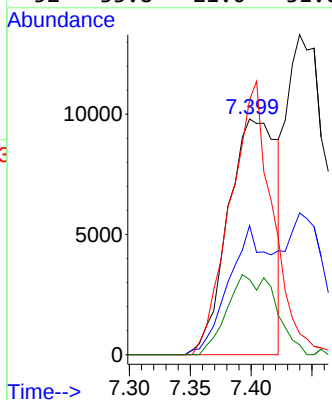
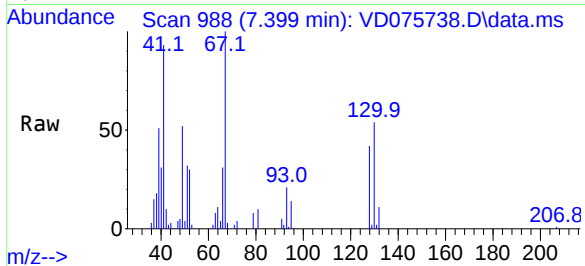




#41
Methacrylonitrile
Concen: 63.795 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

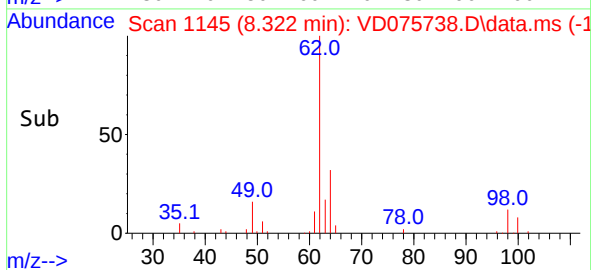
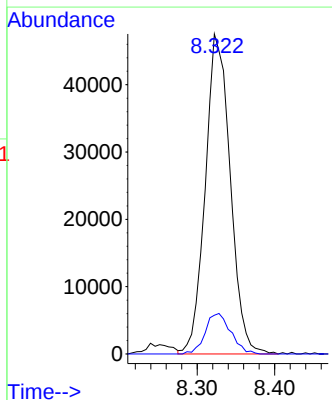
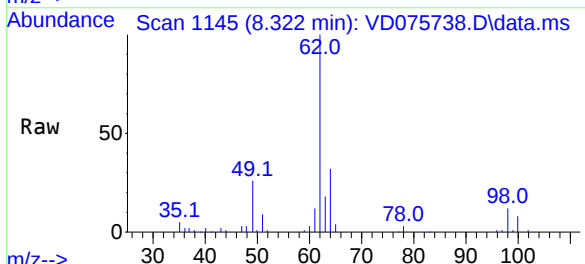
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

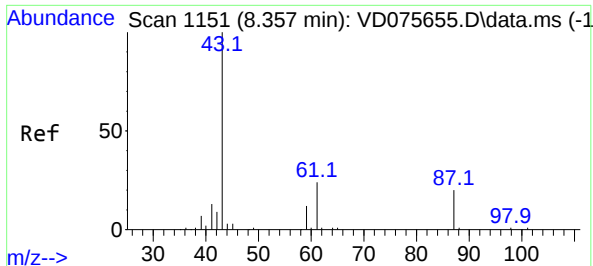
Tgt Ion: 41 Resp: 27141
Ion Ratio Lower Upper
41 100
39 43.7 45.3 67.9#
67 101.4 50.5 75.7#
52 33.8 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 51.728 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 62 Resp: 106406
Ion Ratio Lower Upper
62 100
98 13.0 0.0 18.8

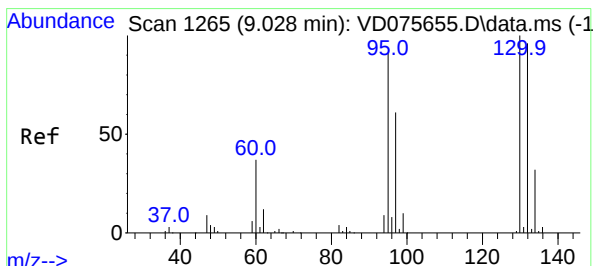
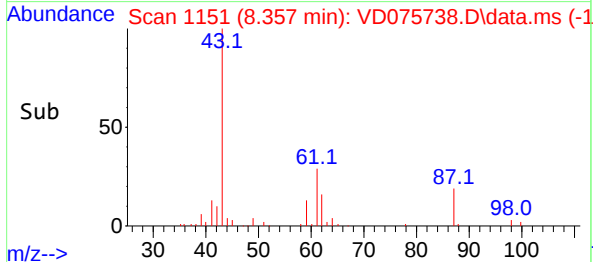
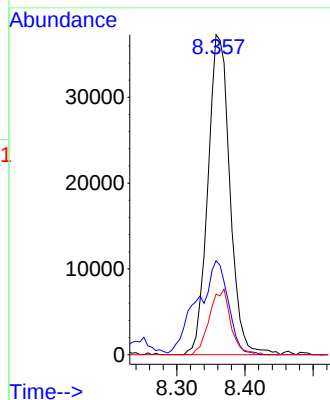
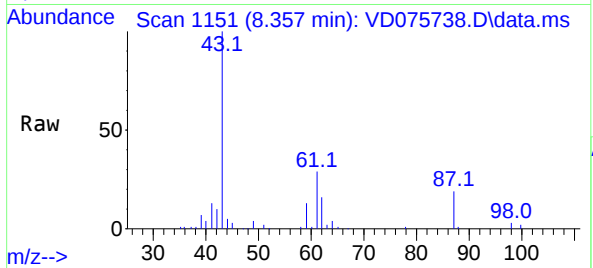




#43
Isopropyl Acetate
Concen: 51.811 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

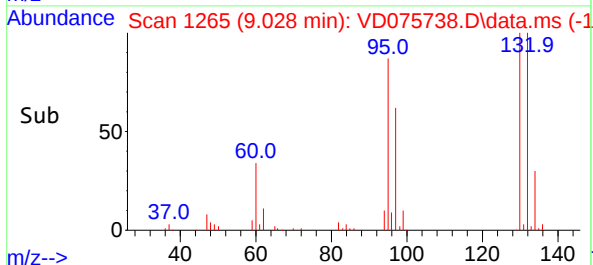
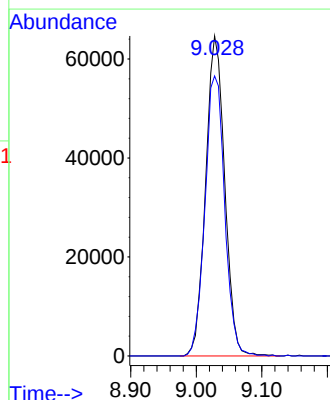
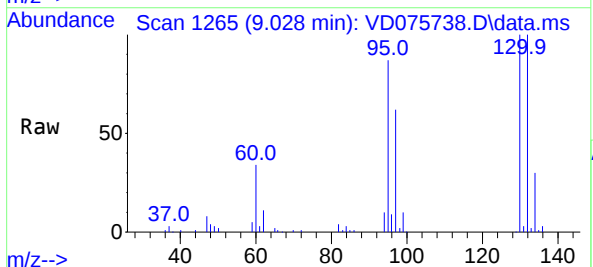
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

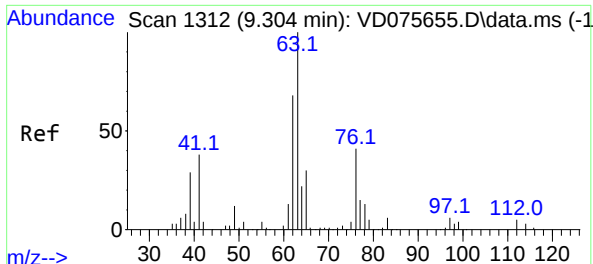
Tgt Ion: 43 Resp: 83760
Ion Ratio Lower Upper
43 100
61 41.5 23.4 35.0#
87 19.7 9.5 14.3#



#44
Trichloroethene
Concen: 51.027 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:130 Resp: 130784
Ion Ratio Lower Upper
130 100
95 87.5 0.0 197.6

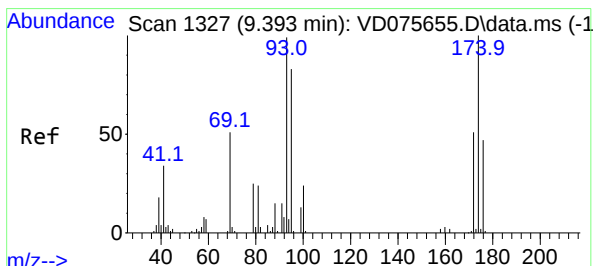
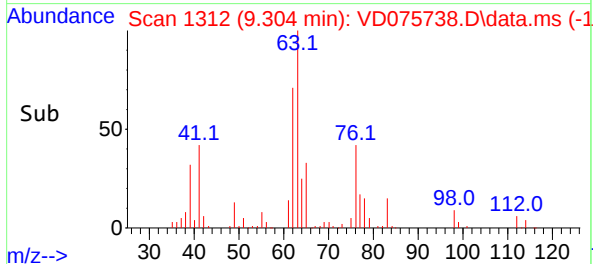
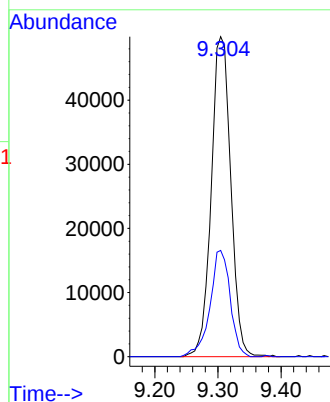
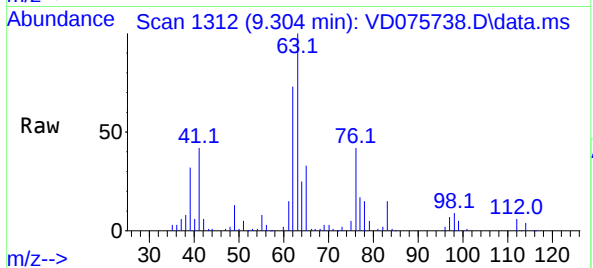




#45
1,2-Dichloropropane
Concen: 52.852 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

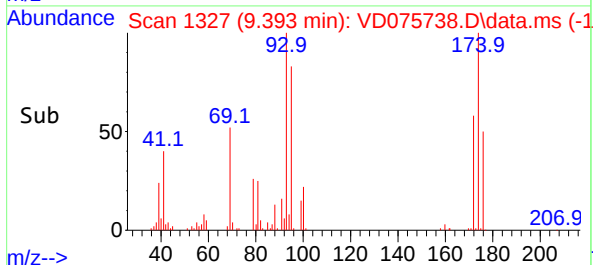
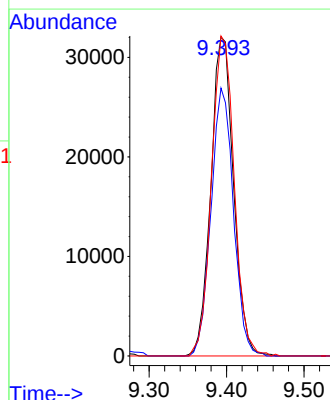
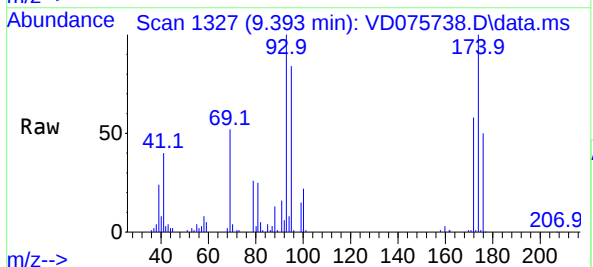
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

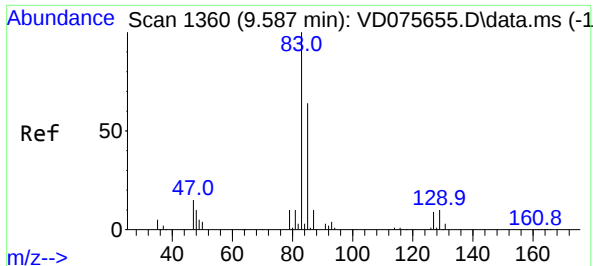
Tgt Ion: 63 Resp: 107261
Ion Ratio Lower Upper
63 100
65 33.2 23.0 34.4



#46
Dibromomethane
Concen: 50.558 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 93 Resp: 65092
Ion Ratio Lower Upper
93 100
95 83.3 64.5 96.7
174 100.6 76.2 114.4

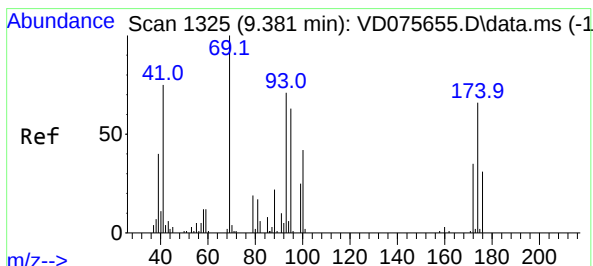
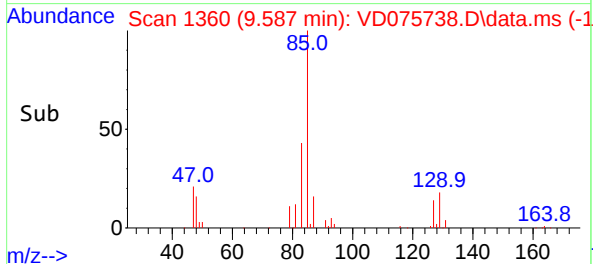
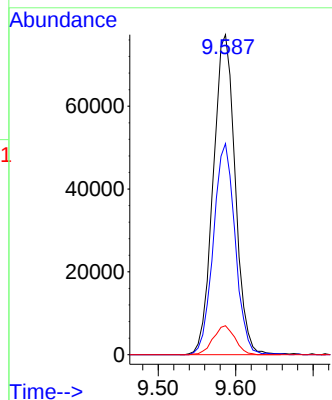
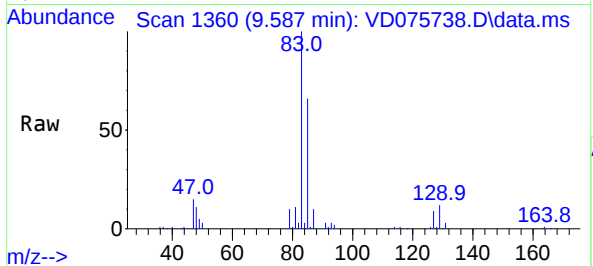




#47
Bromodichloromethane
Concen: 51.849 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

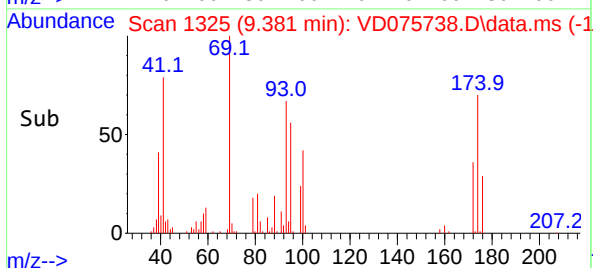
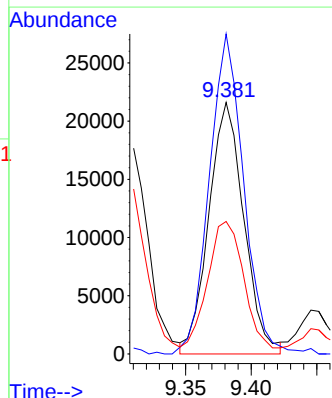
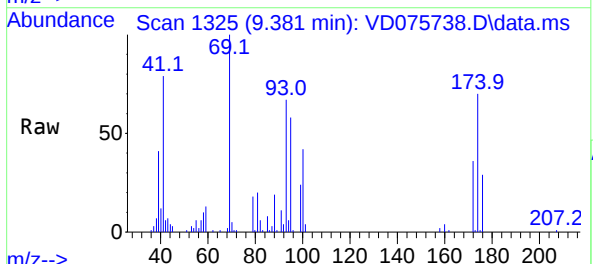
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

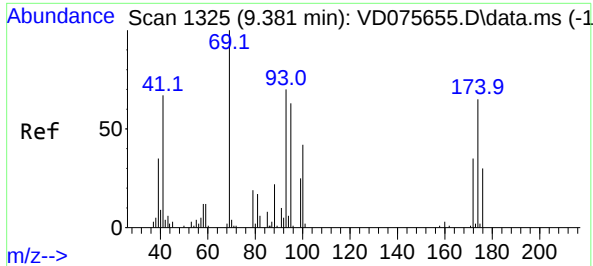
Tgt Ion: 83 Resp: 152697
Ion Ratio Lower Upper
83 100
85 65.9 53.7 80.5
127 9.1 7.0 10.6



#48
Methyl methacrylate
Concen: 55.767 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 41 Resp: 40166
Ion Ratio Lower Upper
41 100
69 124.9 58.6 88.0#
39 51.7 53.4 80.0#

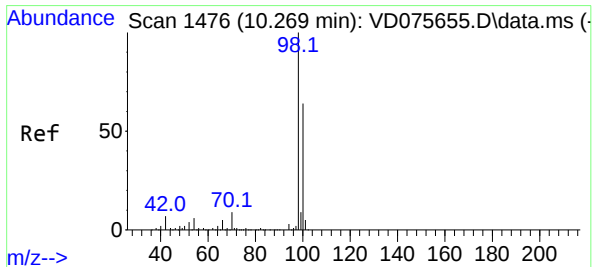
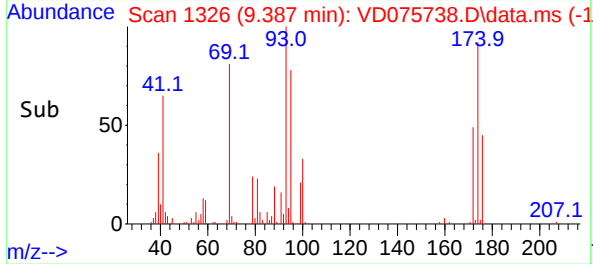
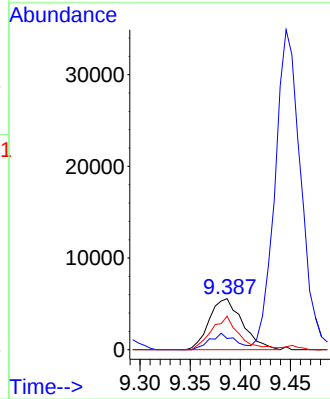
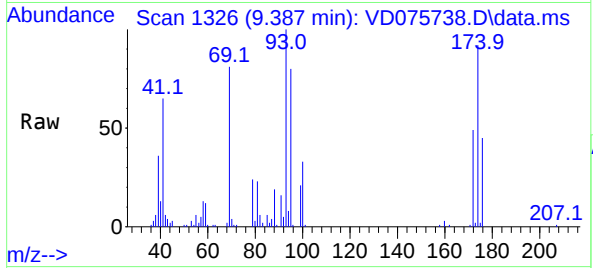




#49
1,4-Dioxane
Concen: 999.870 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

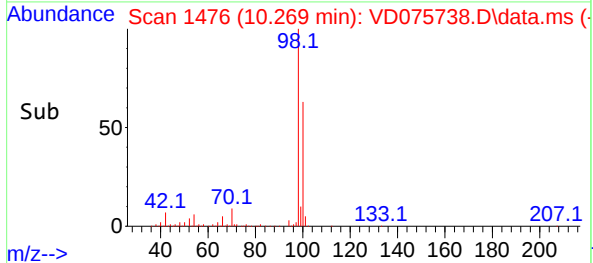
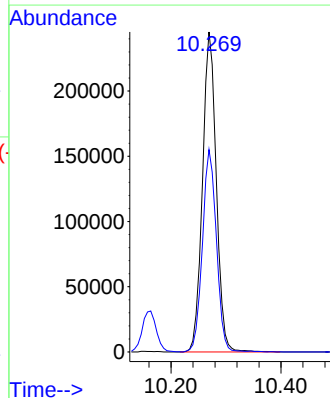
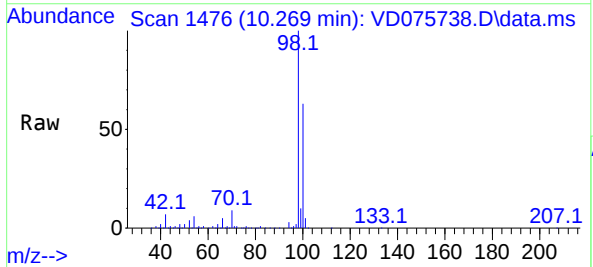
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

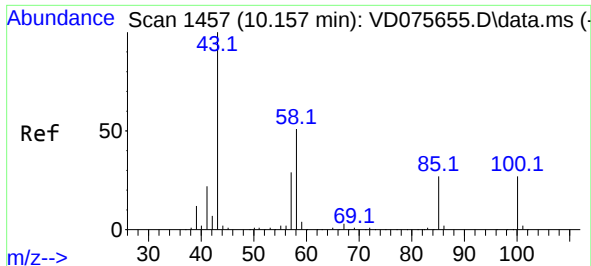
Tgt Ion: 88 Resp: 12772
Ion Ratio Lower Upper
88 100
43 25.1 34.6 51.8#
58 54.3 58.0 87.0#



#50
Toluene-d8
Concen: 50.562 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 98 Resp: 427564
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

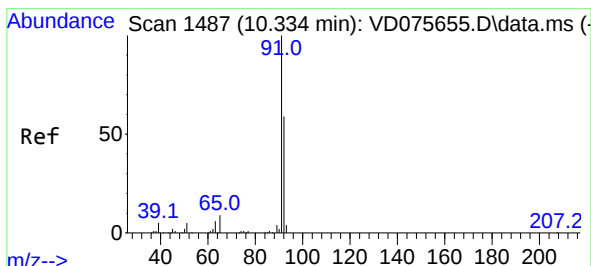
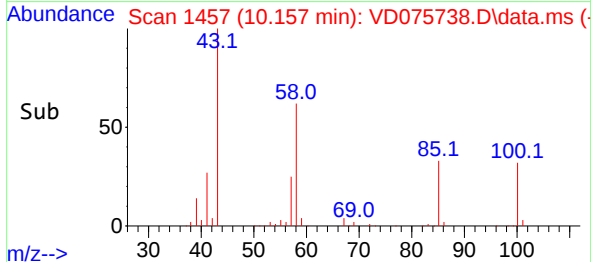
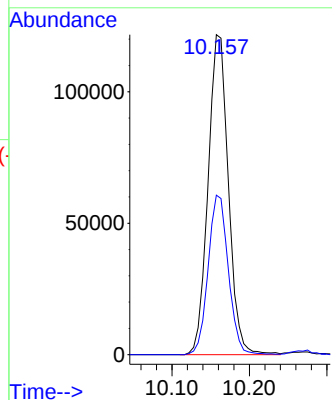
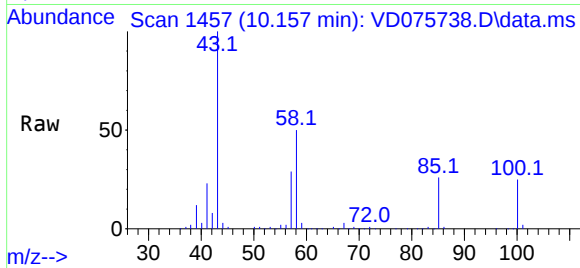




#51
4-Methyl-2-Pentanone
Concen: 257.137 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

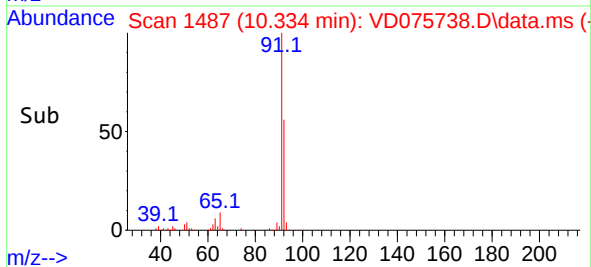
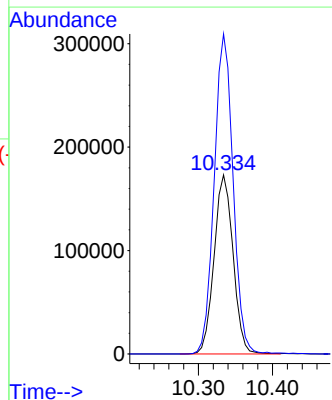
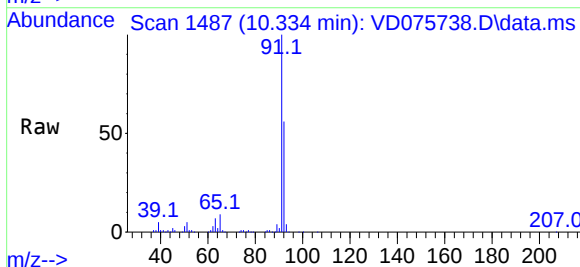
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

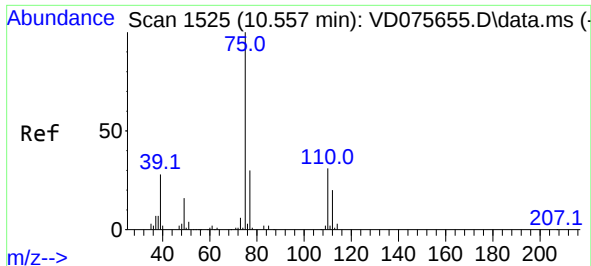
Tgt Ion: 43 Resp: 221640
Ion Ratio Lower Upper
43 100
58 49.6 29.5 44.3#



#52
Toluene
Concen: 51.149 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 92 Resp: 308017
Ion Ratio Lower Upper
92 100
91 177.6 136.5 204.7

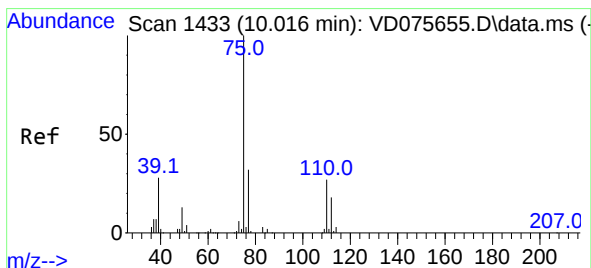
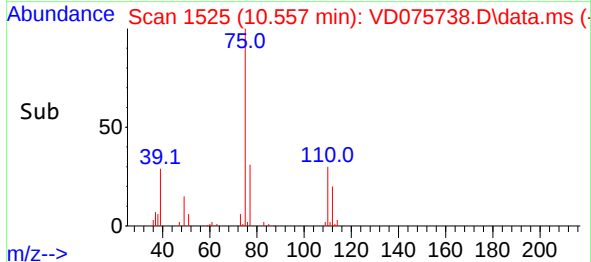
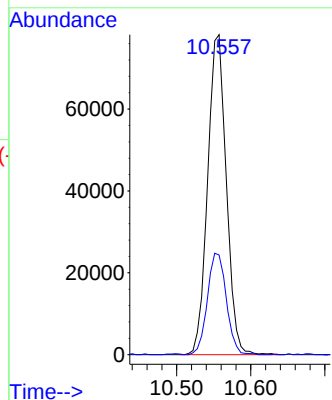
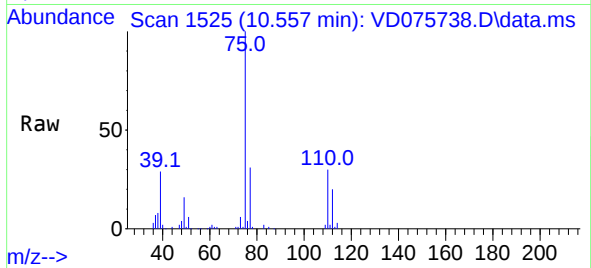




#53
 t-1,3-Dichloropropene
 Concen: 48.412 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

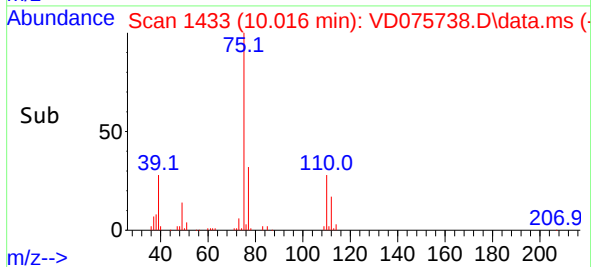
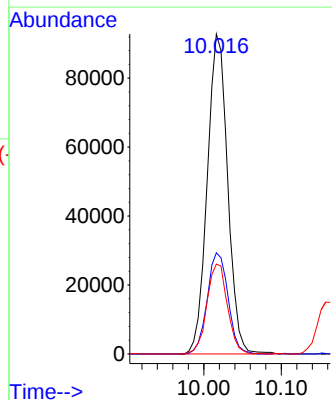
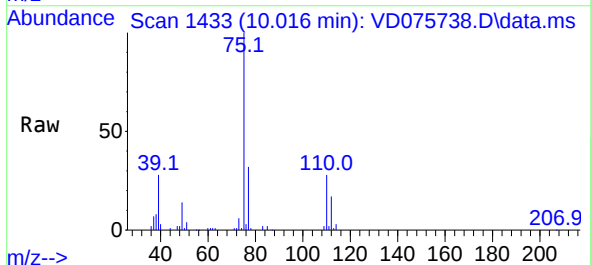
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

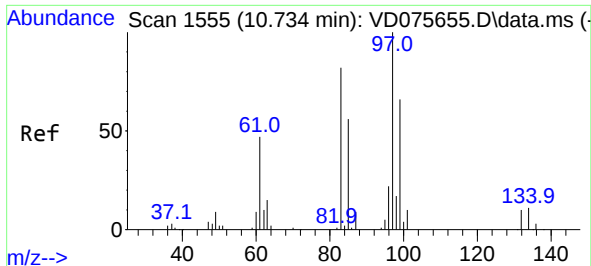
Tgt Ion: 75 Resp: 136674
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.640 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

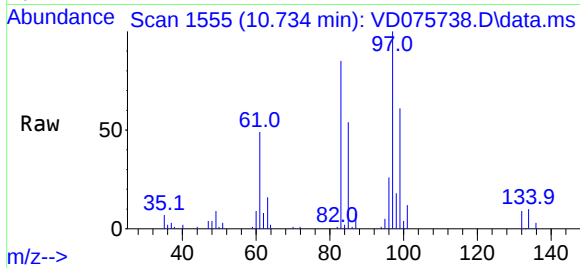
Tgt Ion: 75 Resp: 169864
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 28.1 44.8 67.2#





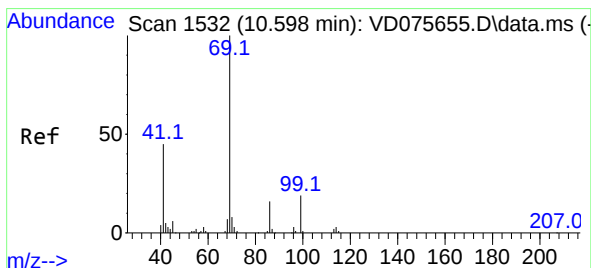
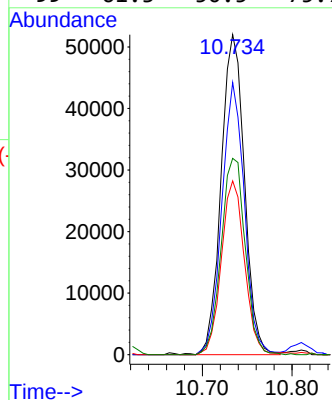
#55
1,1,2-Trichloroethane
Concen: 50.370 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 93898

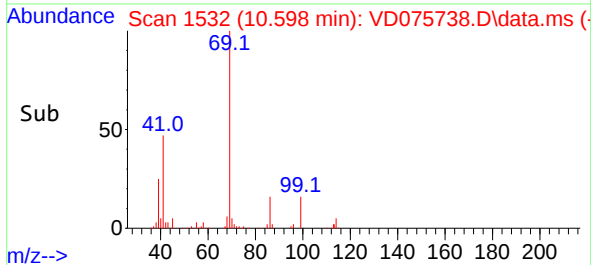
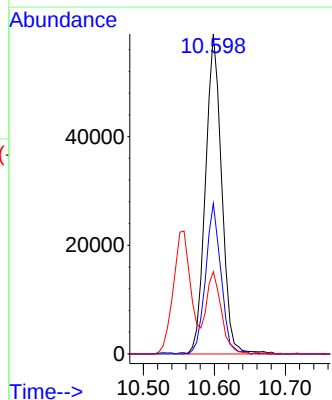
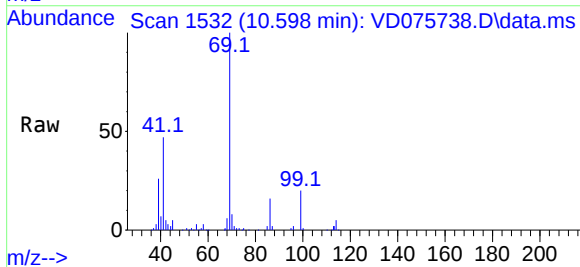
Ion	Ratio	Lower	Upper
97	100		
83	85.0	74.2	111.4
85	54.3	45.4	68.0
99	61.3	50.5	75.7

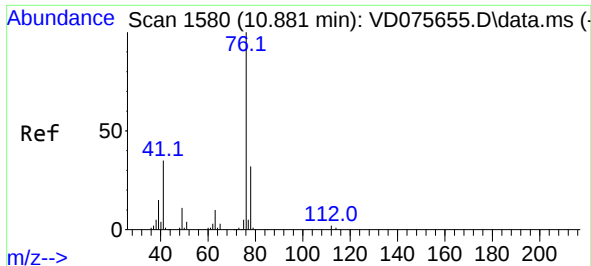


#56
Ethyl methacrylate
Concen: 51.055 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 69 Resp: 93663

Ion	Ratio	Lower	Upper
69	100		
41	44.9	59.3	88.9#
39	23.5	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 51.014 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

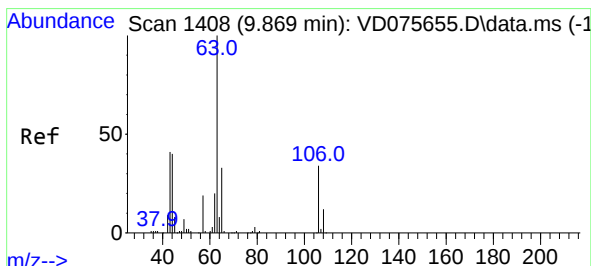
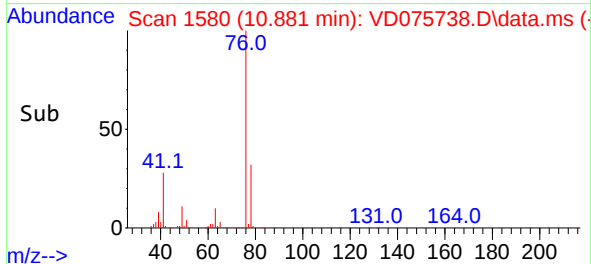
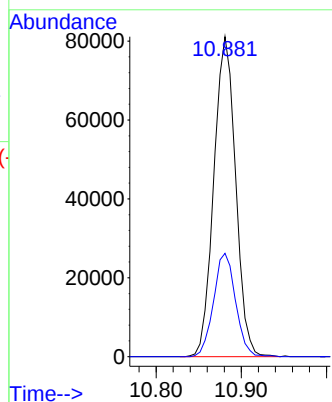
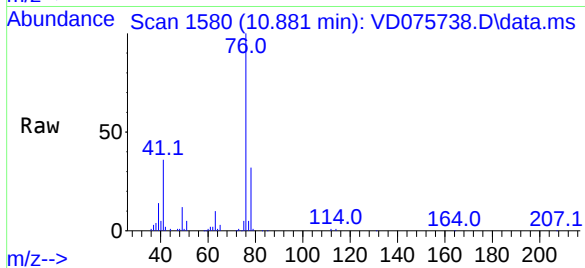
VSTDCCC050EC

Tgt Ion: 76 Resp: 144375

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 251.358 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075738.D

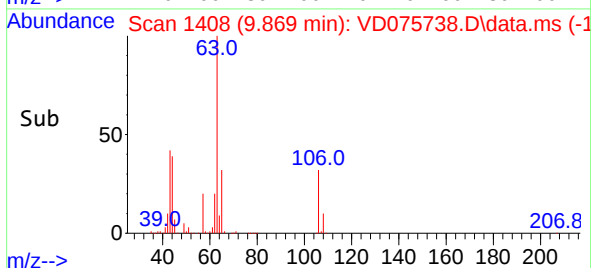
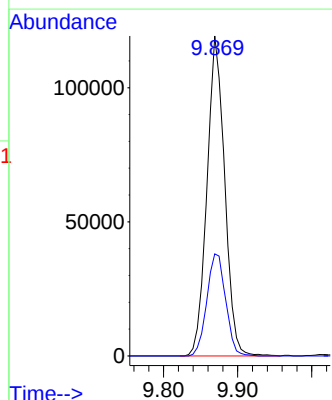
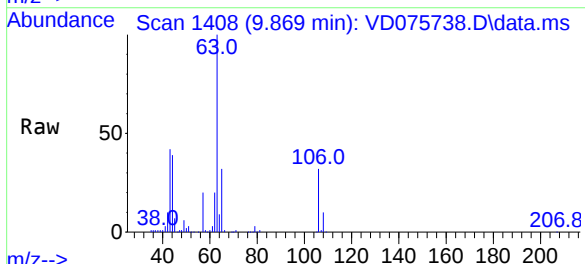
Acq: 18 Apr 2023 20:39

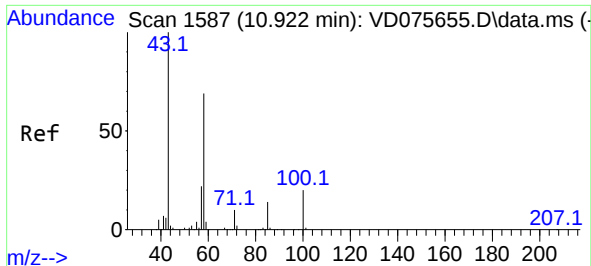
Tgt Ion: 63 Resp: 198040

Ion Ratio Lower Upper

63 100

106 33.8 21.4 32.2#

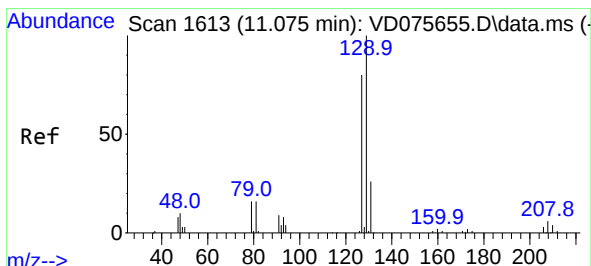
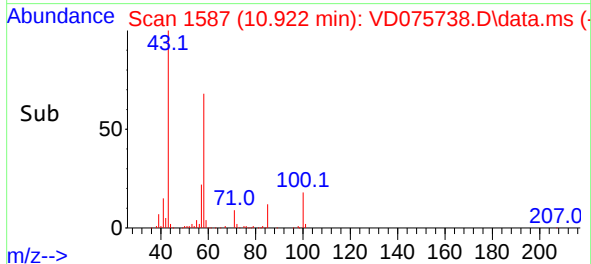
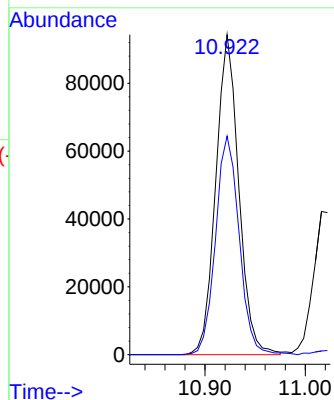
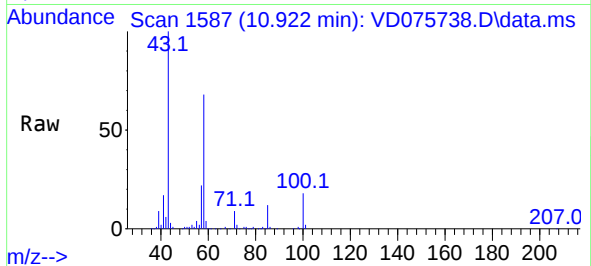




#59
2-Hexanone
Concen: 247.076 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

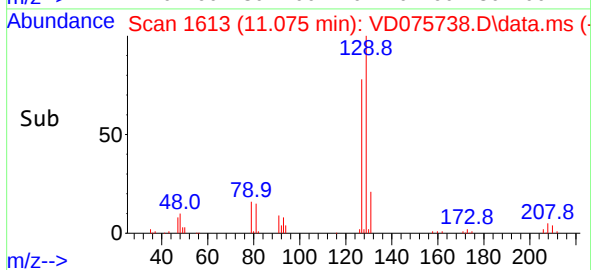
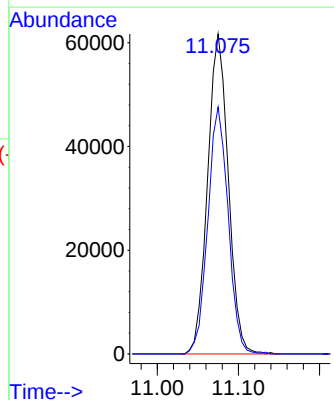
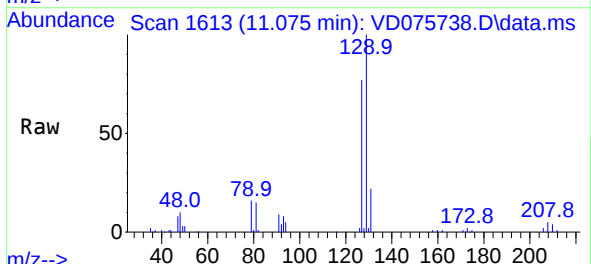
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

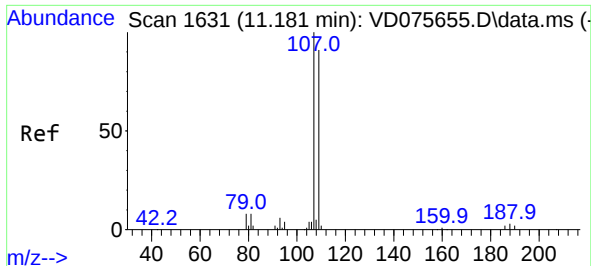
Tgt Ion: 43 Resp: 149742
Ion Ratio Lower Upper
43 100
58 70.4 25.3 75.8



#60
Dibromochloromethane
Concen: 50.120 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 129 Resp: 109329
Ion Ratio Lower Upper
129 100
127 75.8 38.1 114.5

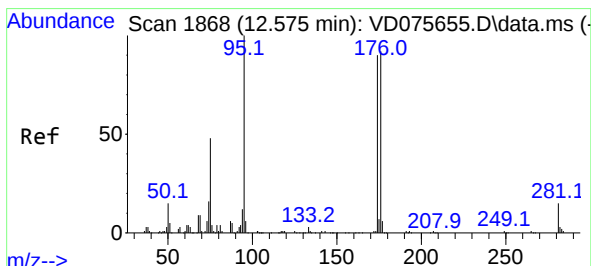
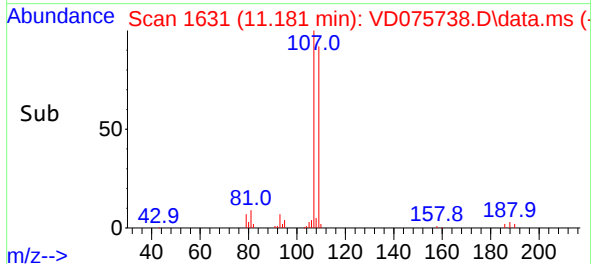
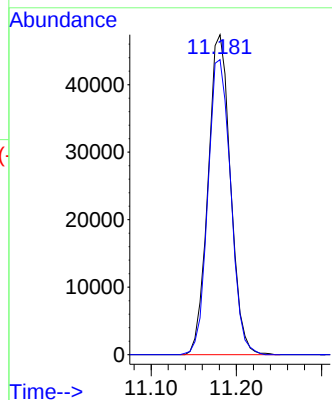
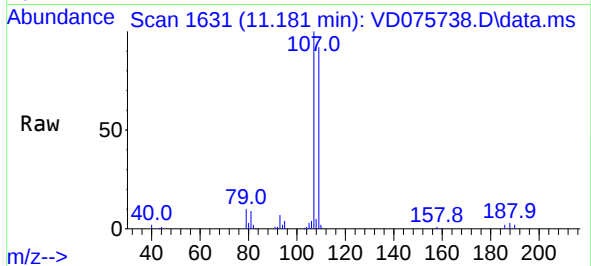




#61
1,2-Dibromoethane
Concen: 48.859 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

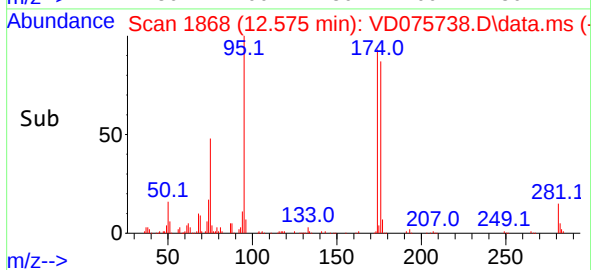
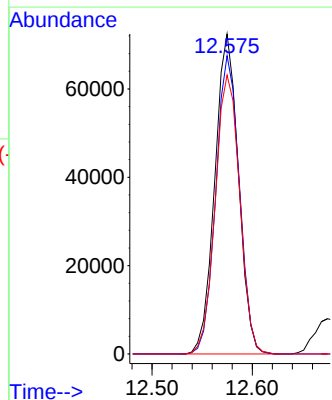
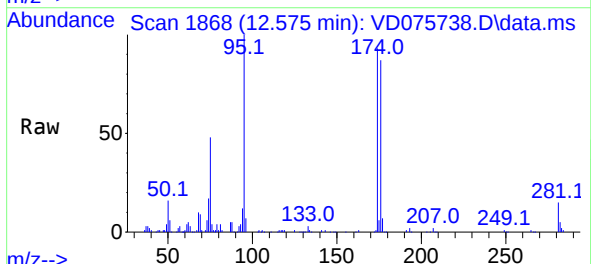
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

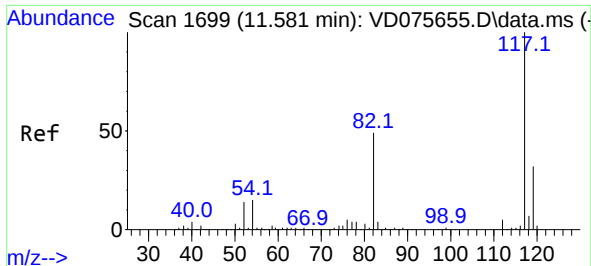
Tgt Ion:107 Resp: 86885
Ion Ratio Lower Upper
107 100
109 93.3 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 52.582 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 95 Resp: 118187
Ion Ratio Lower Upper
95 100
174 92.9 0.0 164.0
176 89.9 0.0 156.8

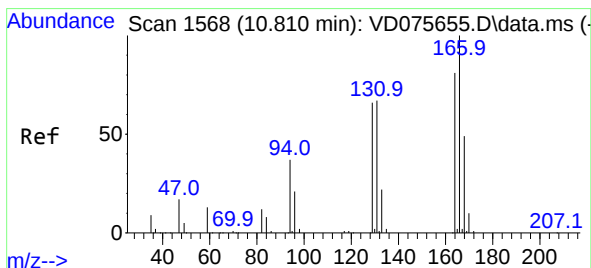
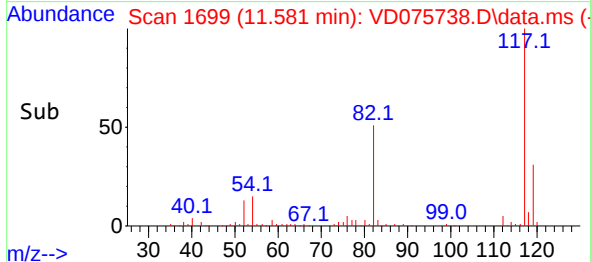
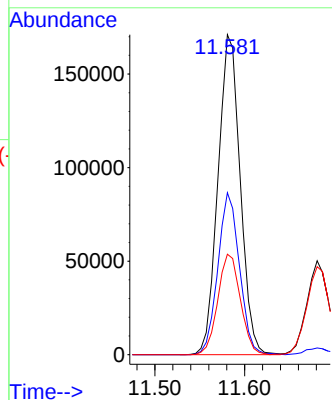
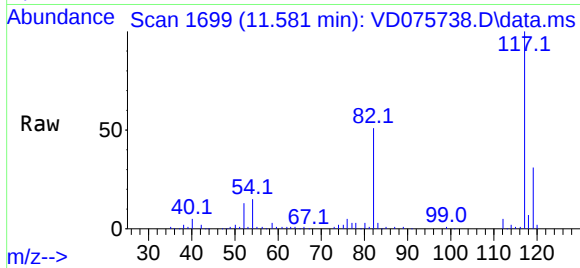




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

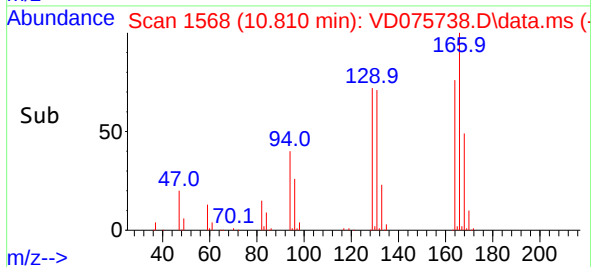
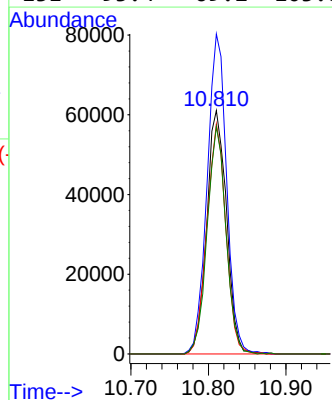
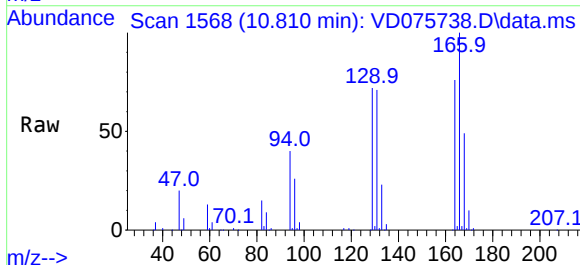
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

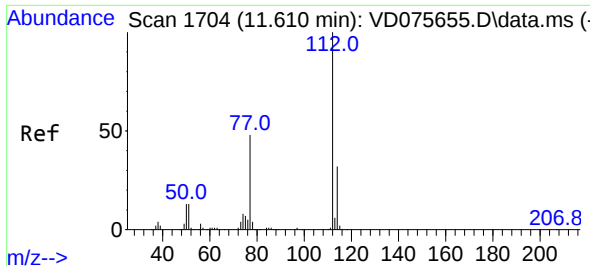
Tgt Ion:117 Resp: 294501
Ion Ratio Lower Upper
117 100
82 50.6 44.0 66.0
119 31.4 25.1 37.7



#64
Tetrachloroethene
Concen: 51.308 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:164 Resp: 108822
Ion Ratio Lower Upper
164 100
166 131.4 94.9 142.3
129 94.4 73.0 109.6
131 93.4 69.2 103.8

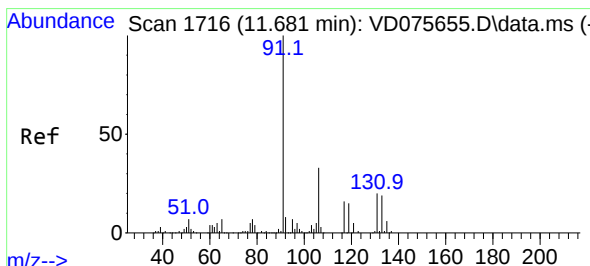
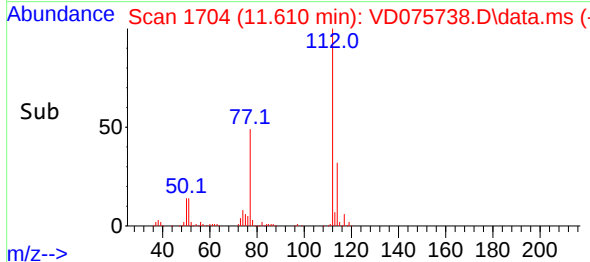
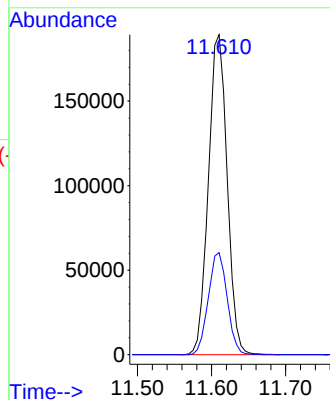
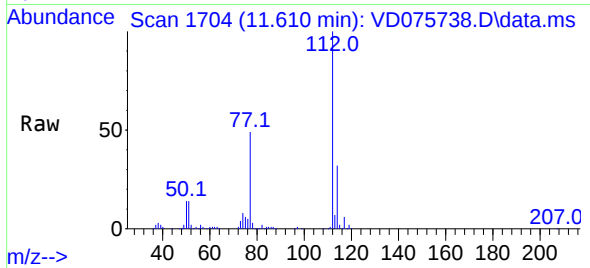




#65
Chlorobenzene
Concen: 52.792 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

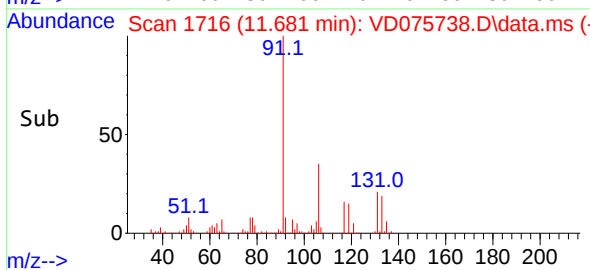
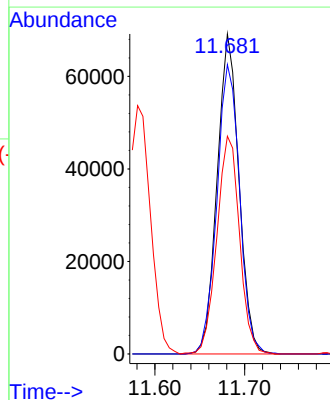
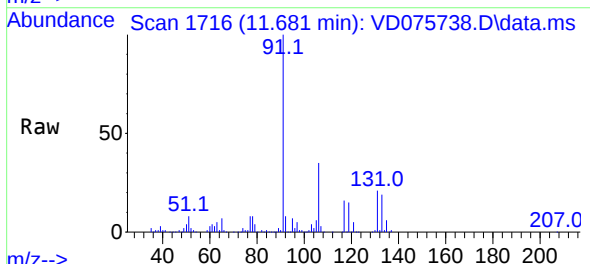
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

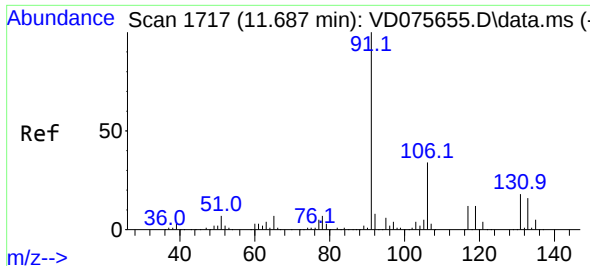
Tgt Ion:112 Resp: 333005
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.709 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:131 Resp: 116470
Ion Ratio Lower Upper
131 100
133 94.3 46.7 140.0
119 70.8 31.9 95.9

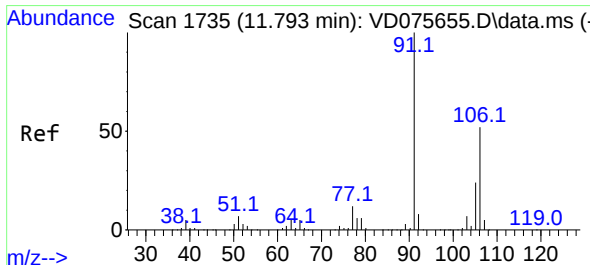
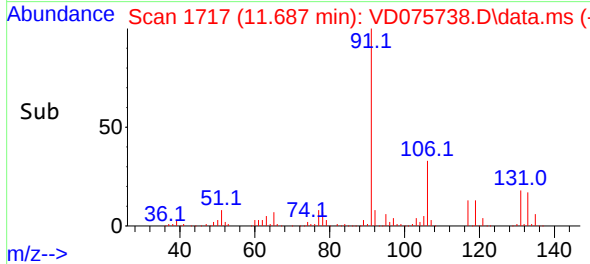
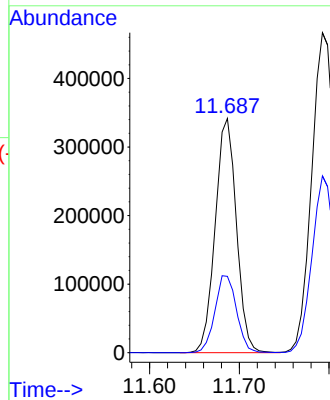
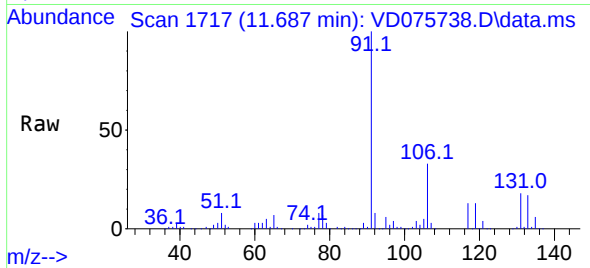




#67
Ethyl Benzene
Concen: 54.758 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

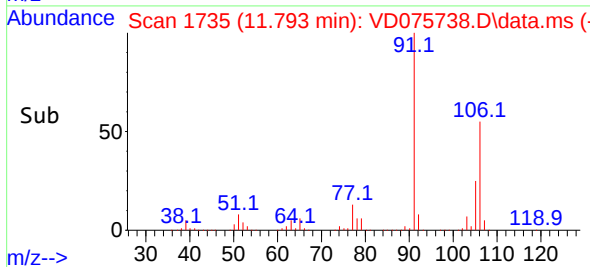
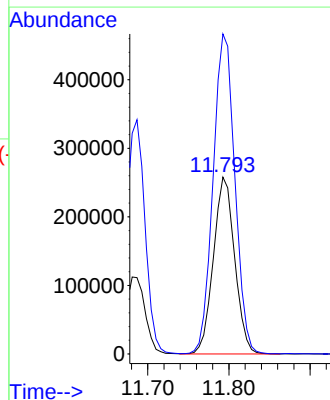
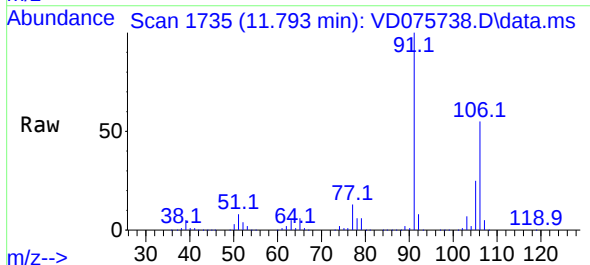
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

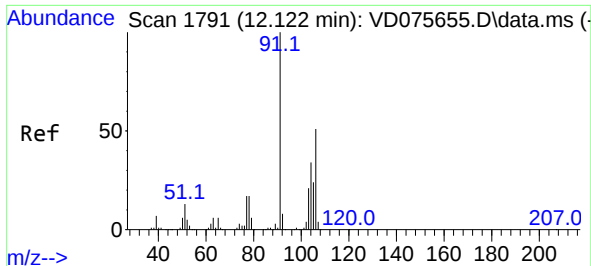
Tgt Ion: 91 Resp: 560571
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7



#68
m/p-Xylenes
Concen: 111.992 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 106 Resp: 469858
Ion Ratio Lower Upper
106 100
91 184.9 161.5 242.3

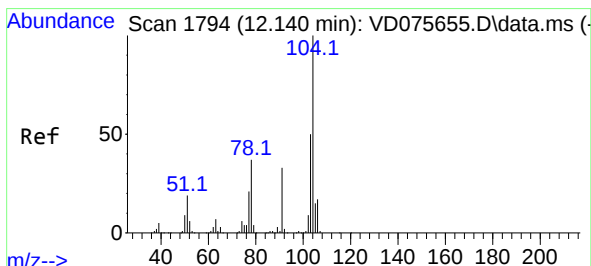
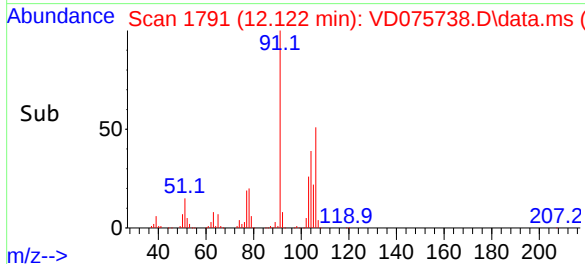
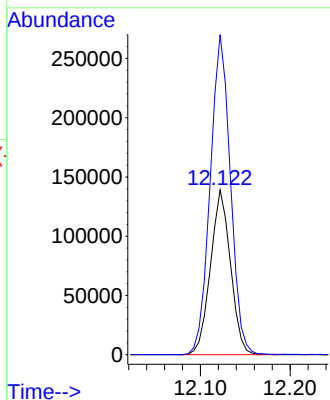
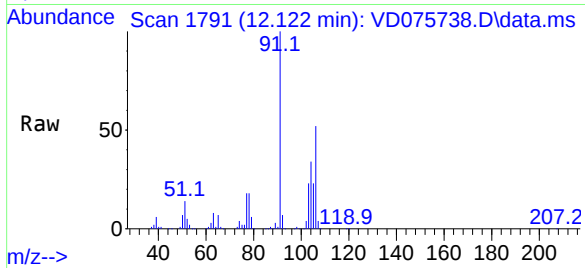




#69
o-Xylene
Concen: 56.761 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

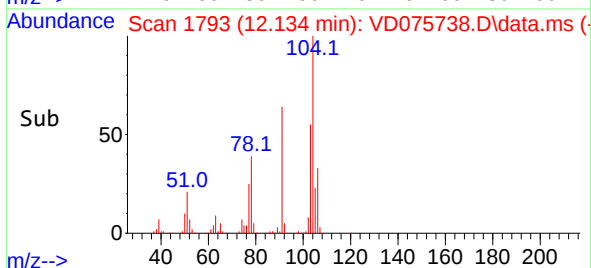
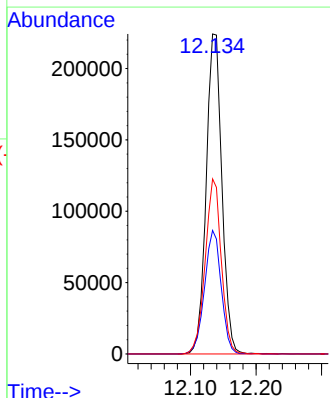
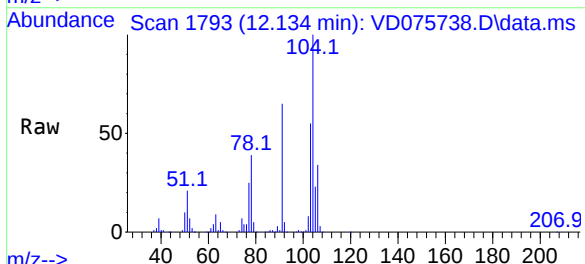
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

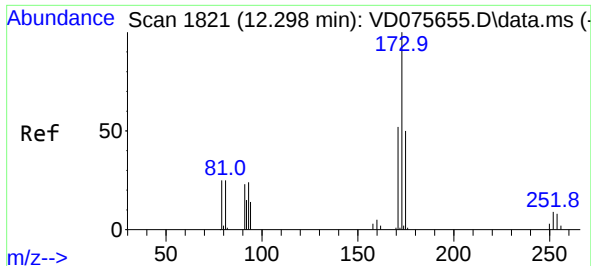
Tgt Ion:106 Resp: 215331
Ion Ratio Lower Upper
106 100
91 196.4 105.7 317.1



#70
Styrene
Concen: 53.610 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:104 Resp: 373753
Ion Ratio Lower Upper
104 100
78 41.0 40.2 60.4
103 56.2 44.2 66.2

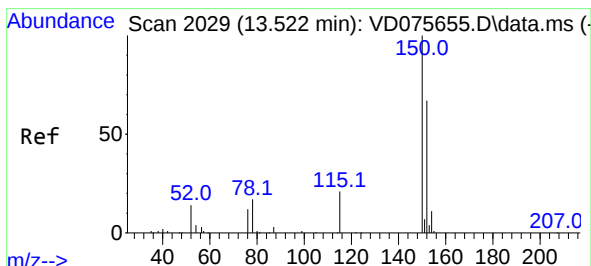
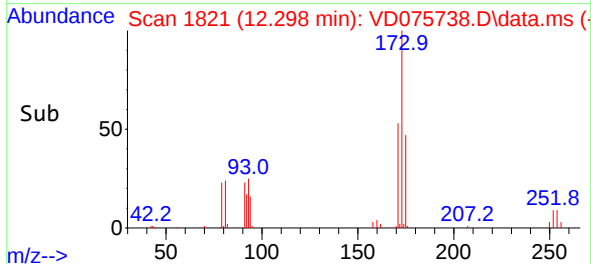
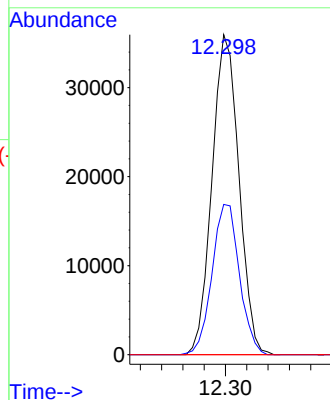
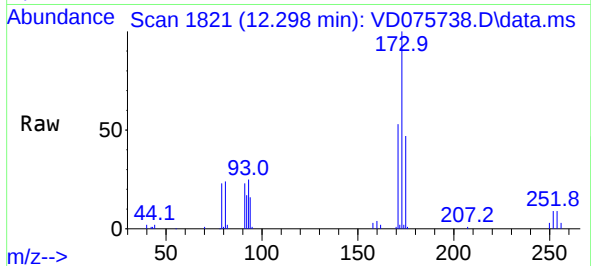




#71
Bromoform
Concen: 55.545 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

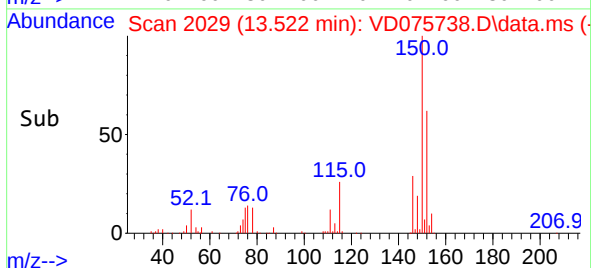
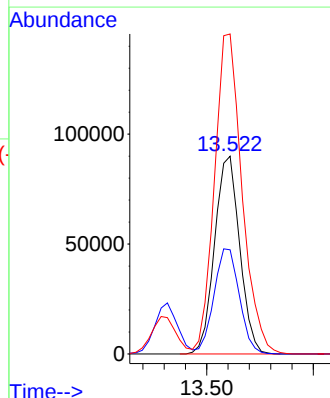
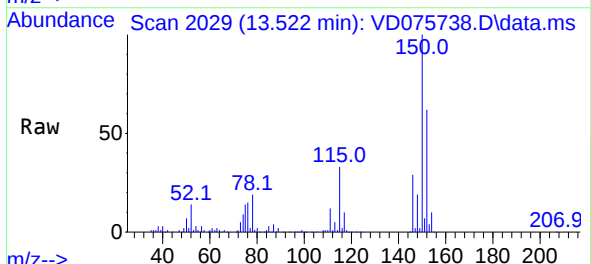
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

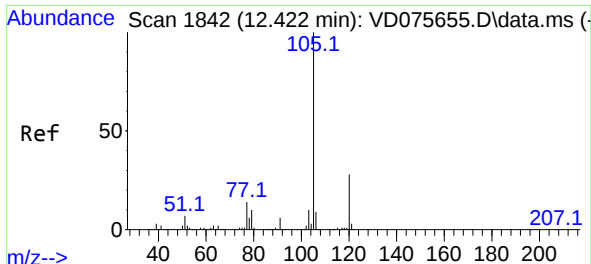
Tgt Ion:173 Resp: 62965
Ion Ratio Lower Upper
173 100
175 47.8 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:152 Resp: 147076
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.3
150 177.7 0.0 364.8

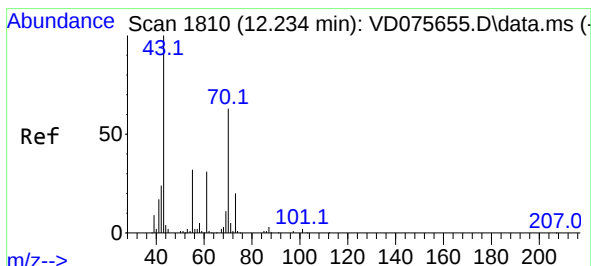
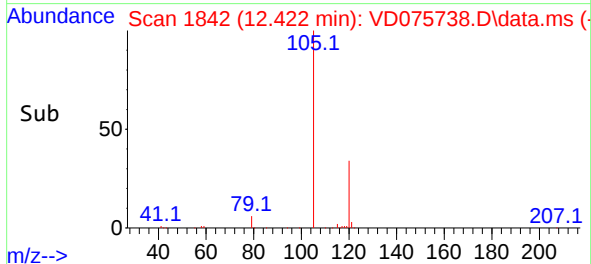
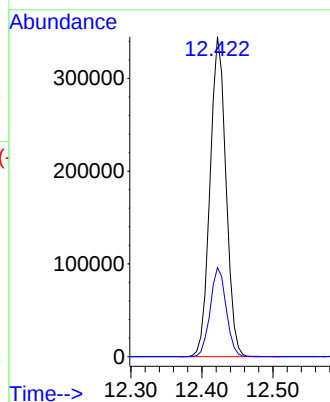
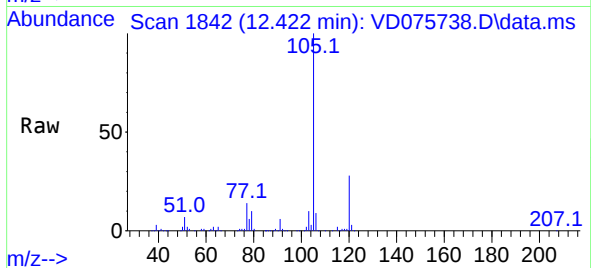




#73
Isopropylbenzene
Concen: 55.777 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

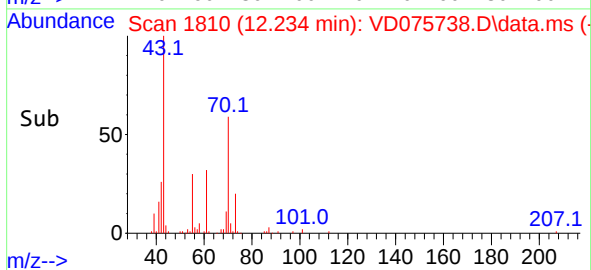
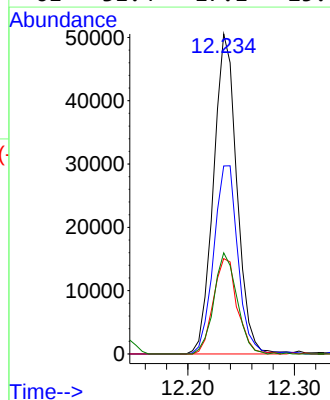
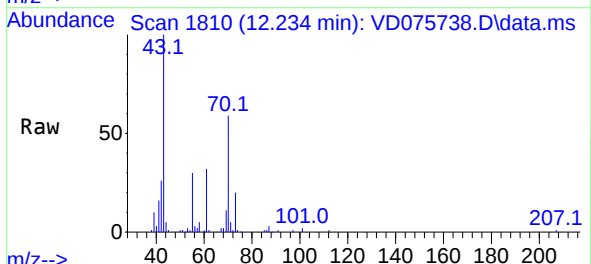
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

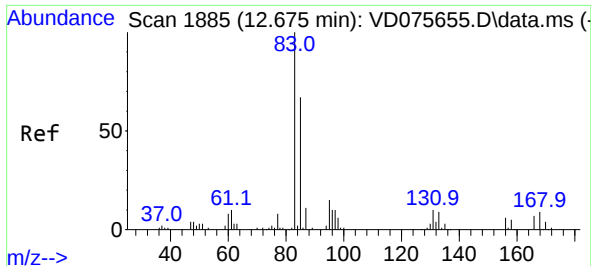
Tgt Ion:105 Resp: 538396
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 54.190 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 43 Resp: 76864
Ion Ratio Lower Upper
43 100
70 60.9 31.0 46.4#
55 30.6 18.6 28.0#
61 31.4 17.1 25.7#

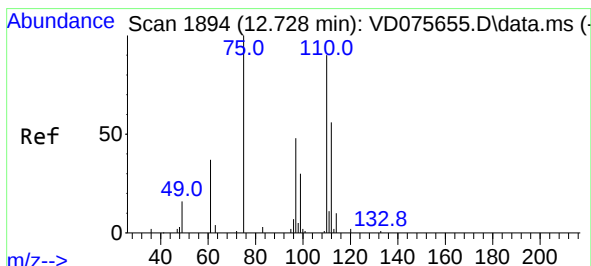
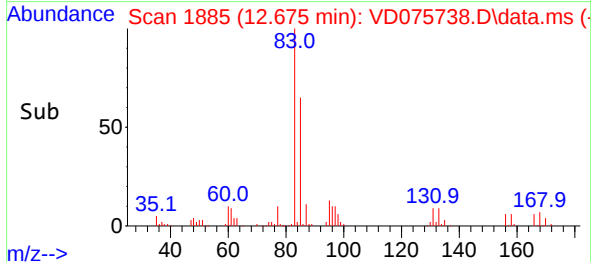
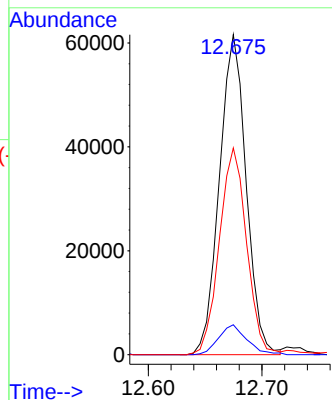
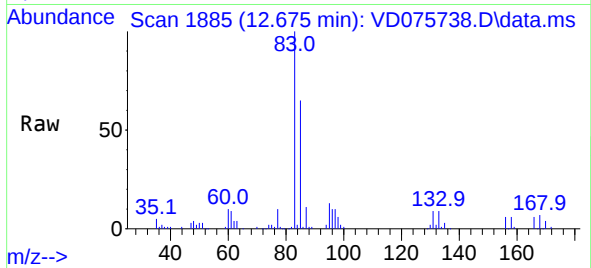




#75
1,1,2,2-Tetrachloroethane
Concen: 53.791 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

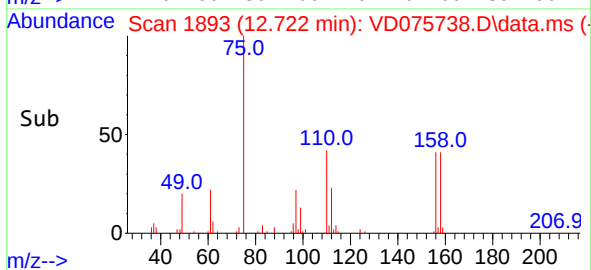
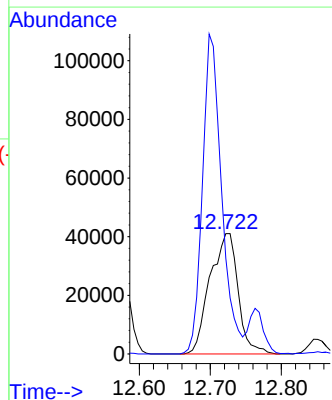
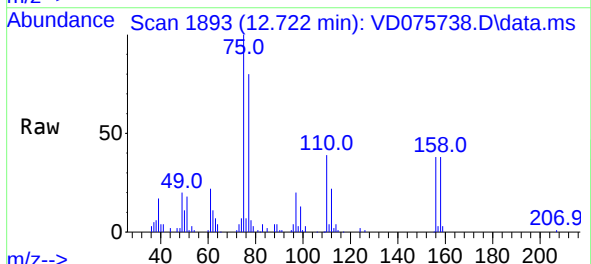
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

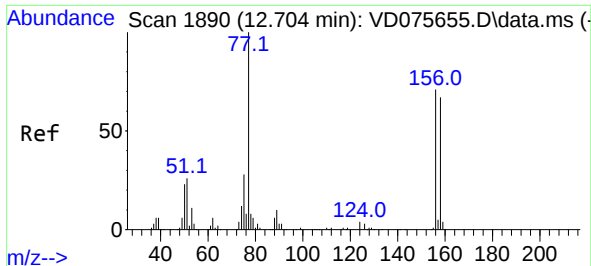
Tgt Ion: 83 Resp: 100862
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 65.6 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 94.007 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 75 Resp: 112751
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

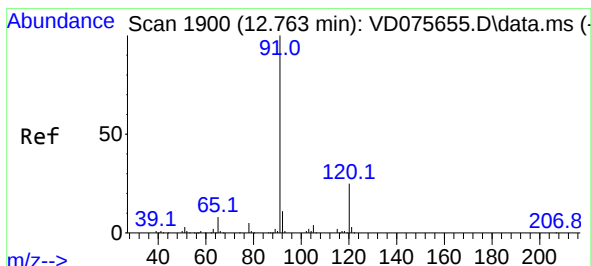
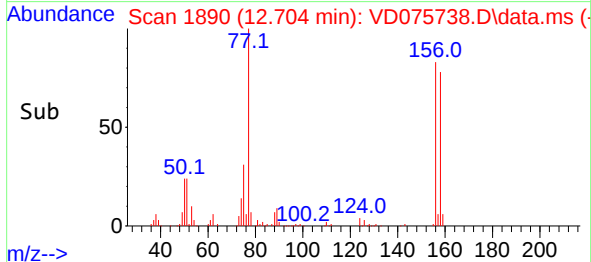
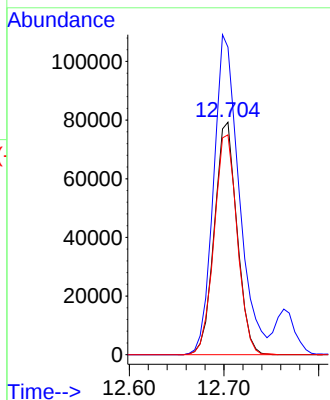
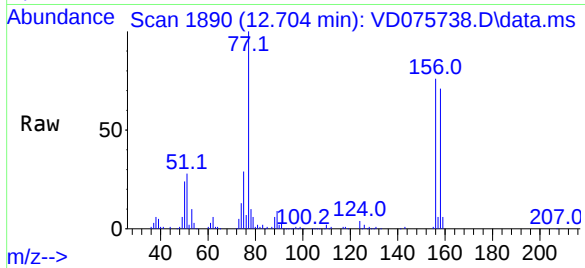




#77
Bromobenzene
Concen: 52.911 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

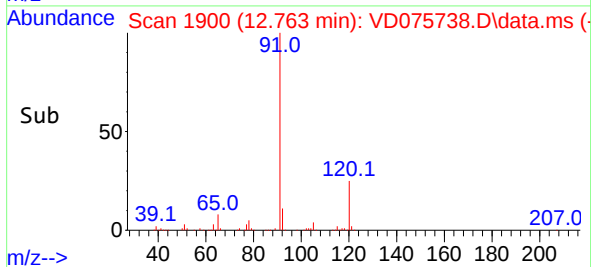
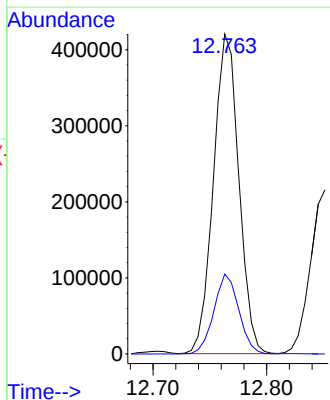
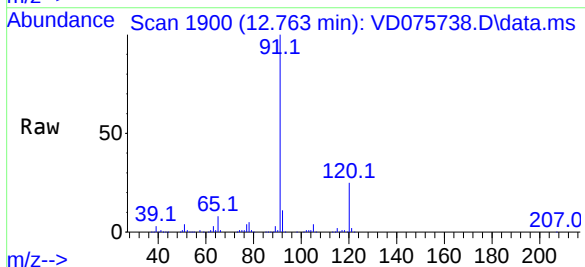
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

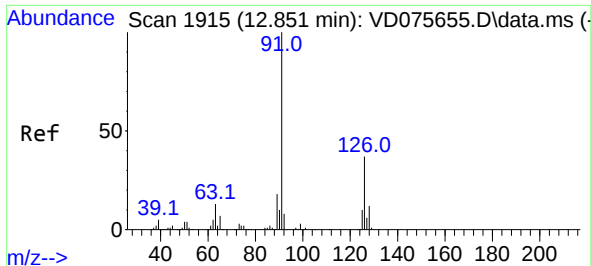
Tgt Ion:156 Resp: 131669
Ion Ratio Lower Upper
156 100
77 155.6 89.5 268.6
158 96.8 47.8 143.4



#78
n-propylbenzene
Concen: 55.238 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 91 Resp: 653564
Ion Ratio Lower Upper
91 100
120 24.5 11.4 34.2

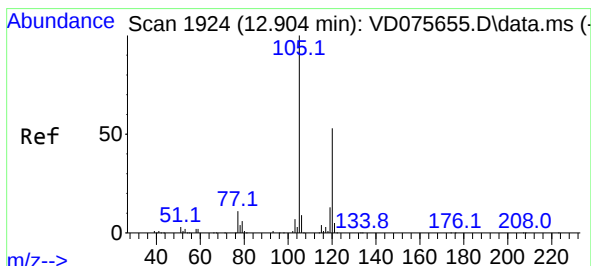
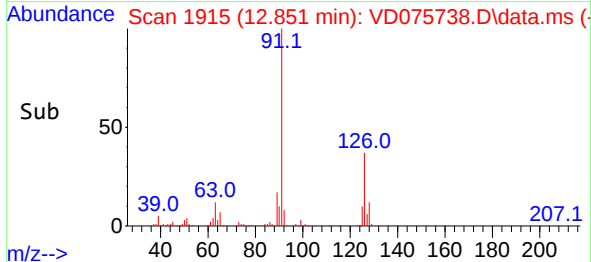
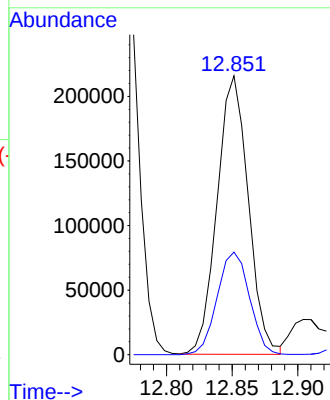
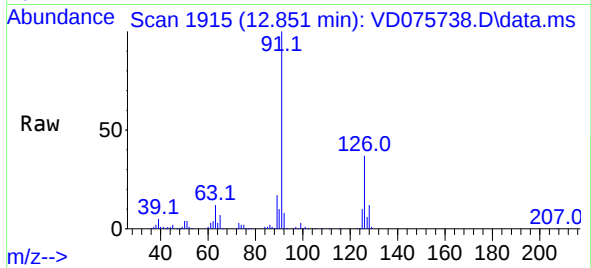




#79
2-Chlorotoluene
Concen: 53.234 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

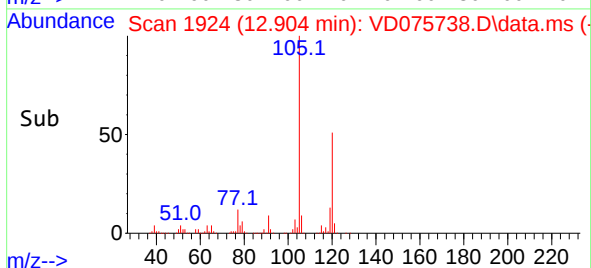
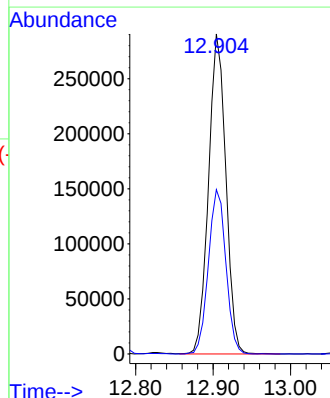
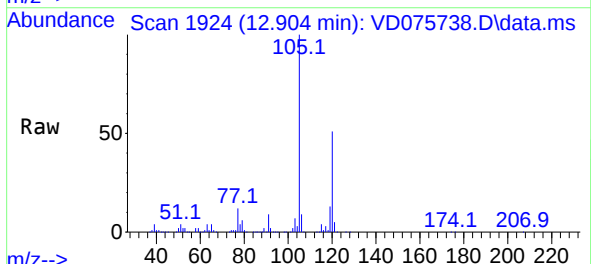
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

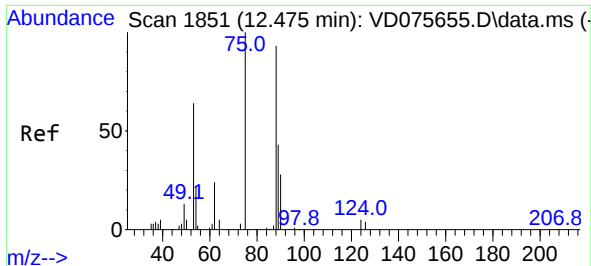
Tgt Ion: 91 Resp: 357241
Ion Ratio Lower Upper
91 100
126 38.2 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 55.980 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 105 Resp: 450468
Ion Ratio Lower Upper
105 100
120 51.8 24.3 72.8

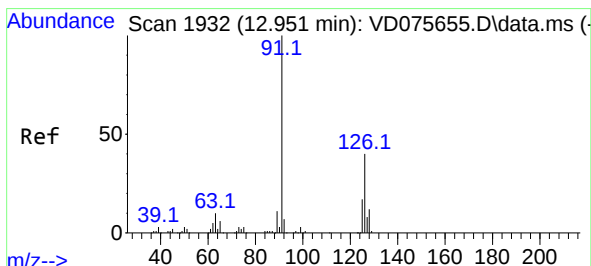
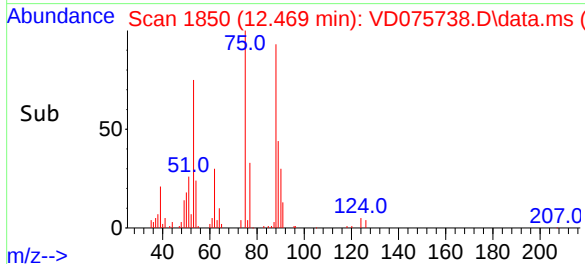
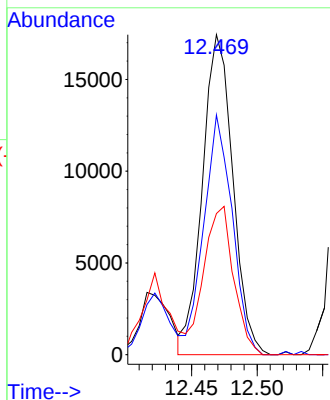
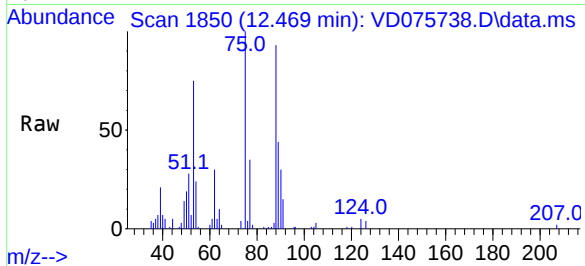




#81
trans-1,4-Dichloro-2-butene
Concen: 50.754 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

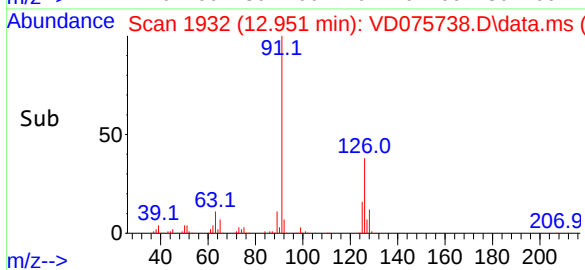
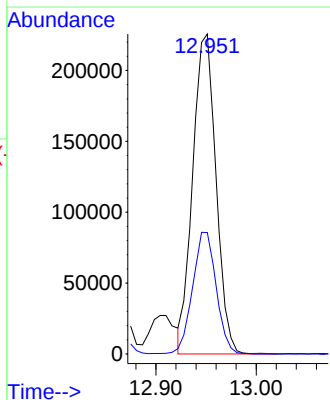
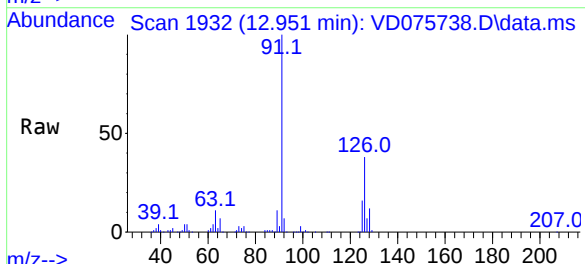
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

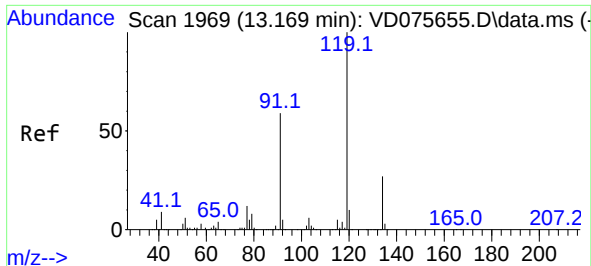
Tgt Ion: 75 Resp: 28086
Ion Ratio Lower Upper
75 100
53 70.9 90.5 135.7#
89 45.4 40.2 60.4



#82
4-Chlorotoluene
Concen: 52.312 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 91 Resp: 365031
Ion Ratio Lower Upper
91 100
126 38.6 17.1 51.2

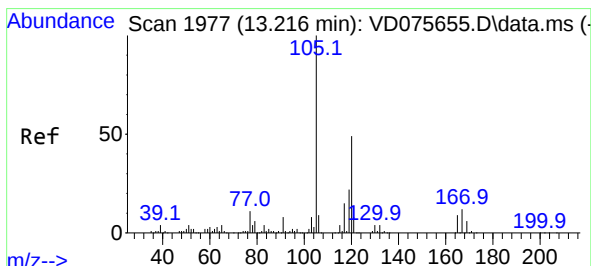
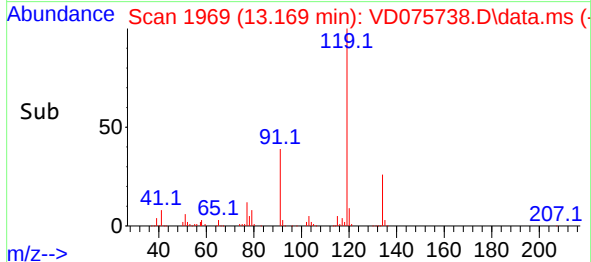
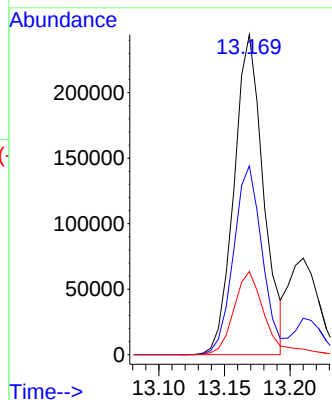
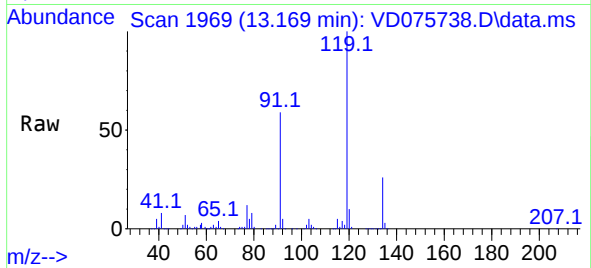




#83
tert-Butylbenzene
Concen: 56.179 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

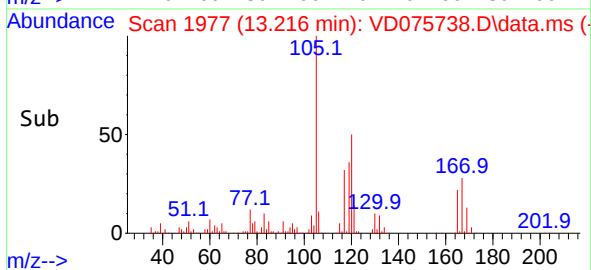
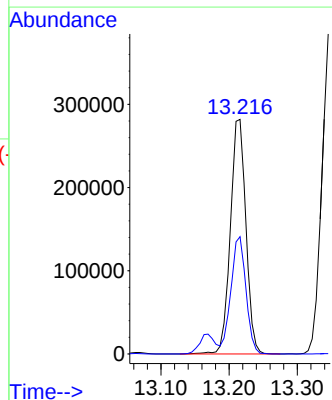
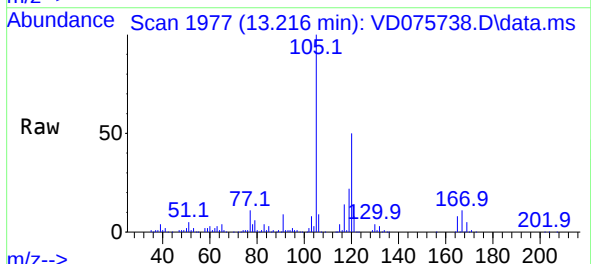
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

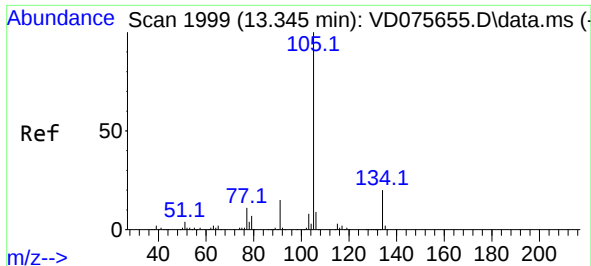
Tgt Ion:119 Resp: 381179
Ion Ratio Lower Upper
119 100
91 58.6 32.4 97.0
134 27.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 55.433 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:105 Resp: 447593
Ion Ratio Lower Upper
105 100
120 48.3 22.3 66.9

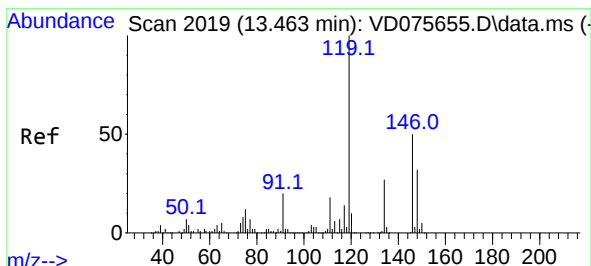
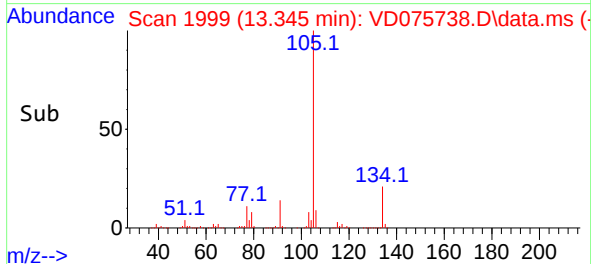
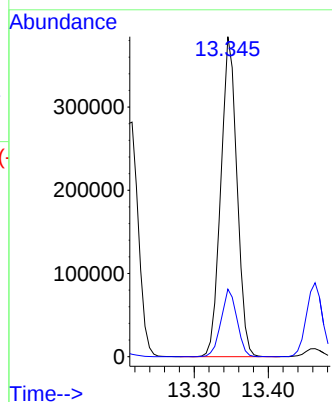
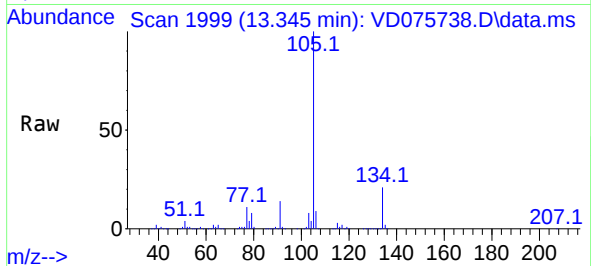




#85
 sec-Butylbenzene
 Concen: 55.561 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

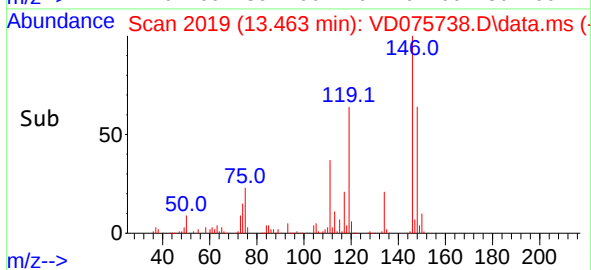
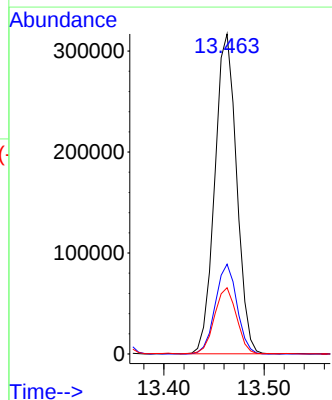
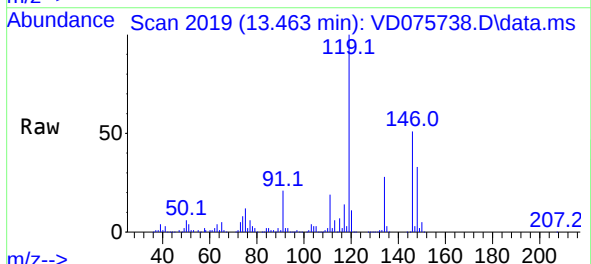
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

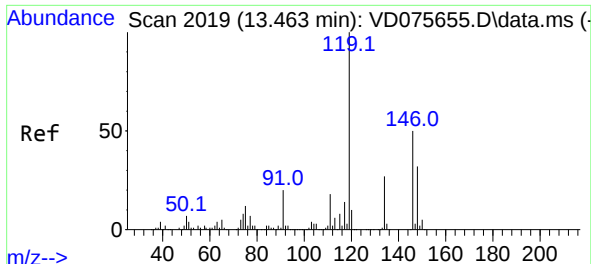
Tgt Ion:105 Resp: 581570
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 54.889 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075738.D
 Acq: 18 Apr 2023 20:39

Tgt Ion:119 Resp: 478305
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.1 39.3
 91 20.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.671 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

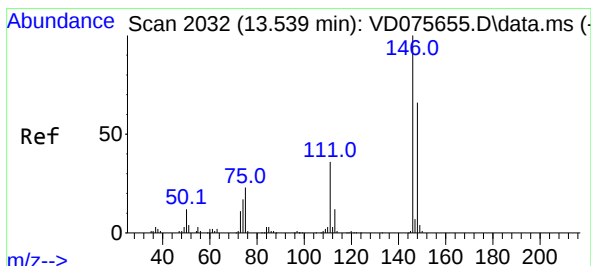
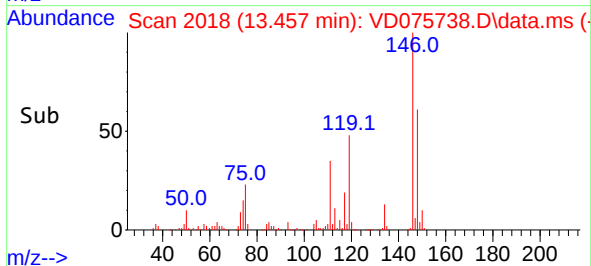
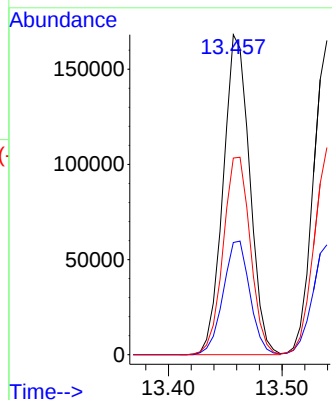
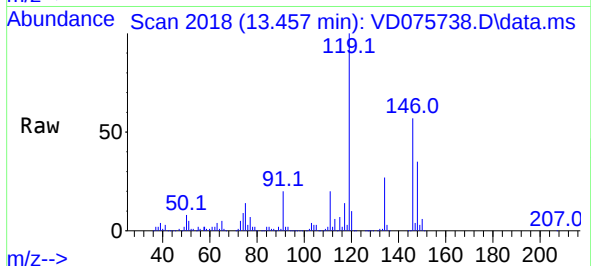
Tgt Ion:146 Resp: 272673

Ion Ratio Lower Upper

146 100

111 35.8 19.8 59.3

148 63.3 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 51.747 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

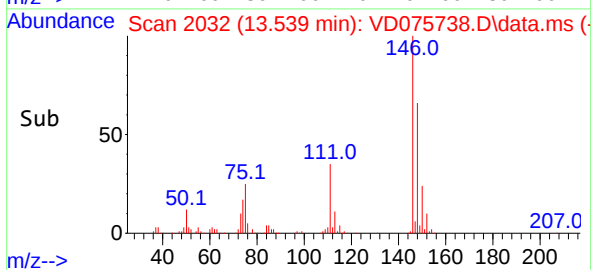
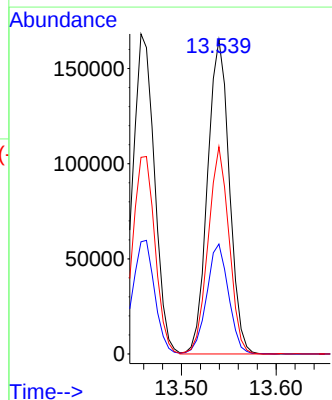
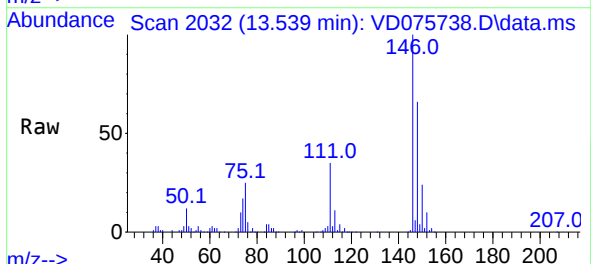
Tgt Ion:146 Resp: 264661

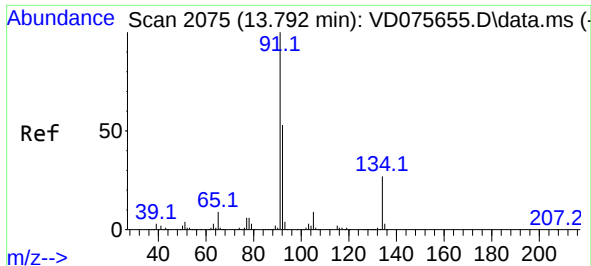
Ion Ratio Lower Upper

146 100

111 35.0 19.6 58.8

148 63.4 31.7 95.1

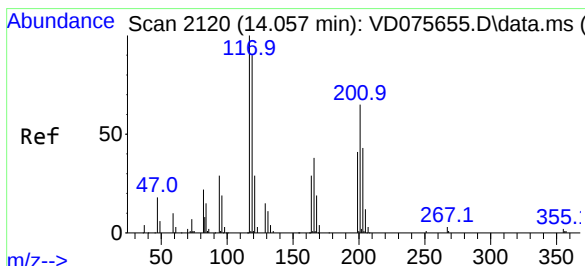
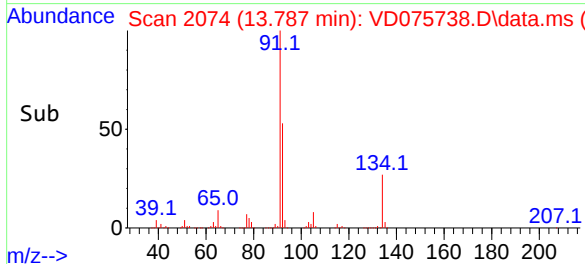
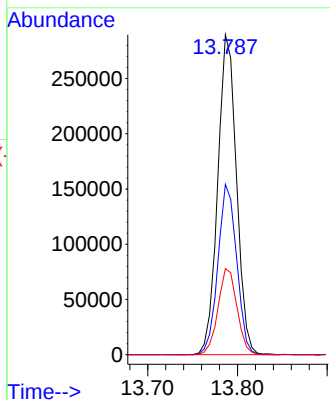
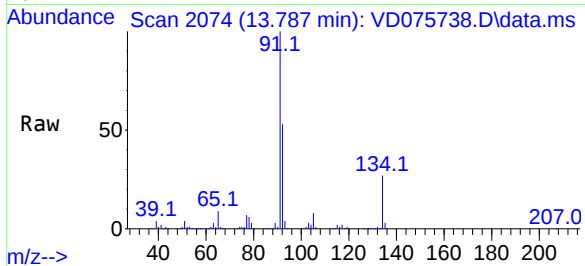




#89
n-Butylbenzene
Concen: 52.411 ug/l
RT: 13.787 min Scan# 2075
Delta R.T. -0.005 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

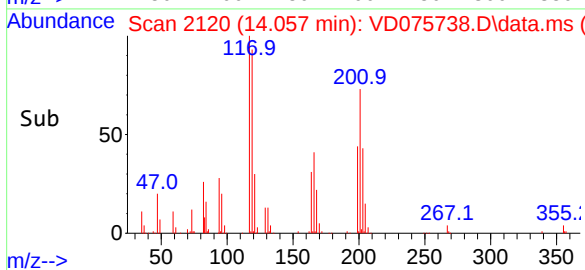
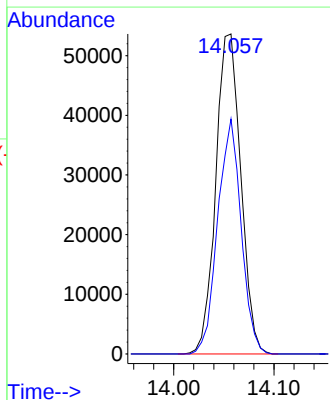
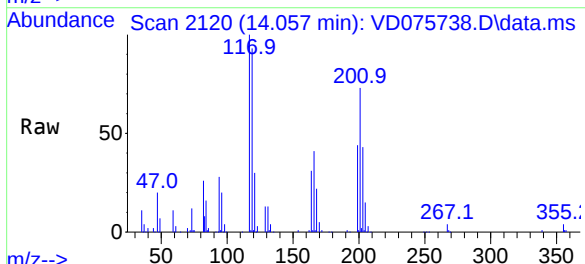
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

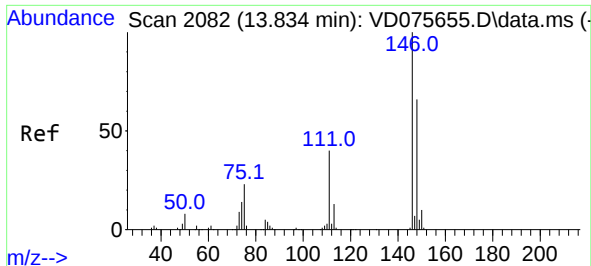
Tgt Ion: 91 Resp: 420693
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.5
134 27.2 12.7 38.0



#90
Hexachloroethane
Concen: 53.737 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion: 117 Resp: 93037
Ion Ratio Lower Upper
117 100
201 68.7 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 53.665 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

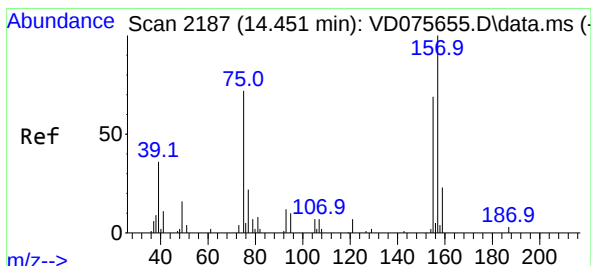
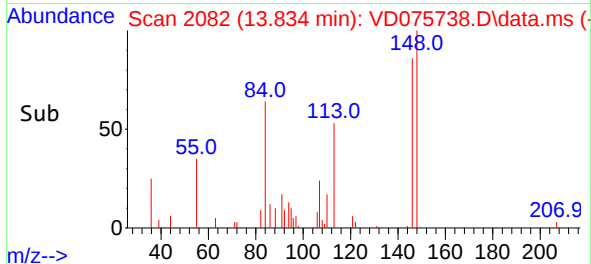
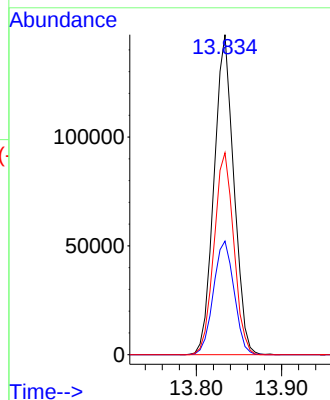
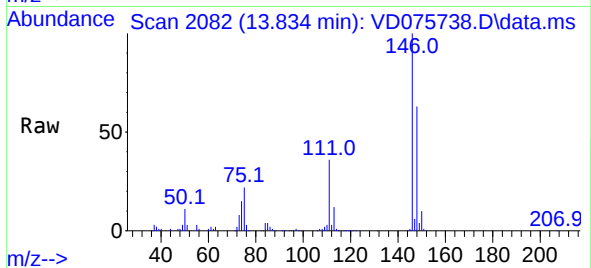
Tgt Ion:146 Resp: 237988

Ion Ratio Lower Upper

146 100

111 37.0 20.6 61.8

148 62.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.775 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD075738.D

Acq: 18 Apr 2023 20:39

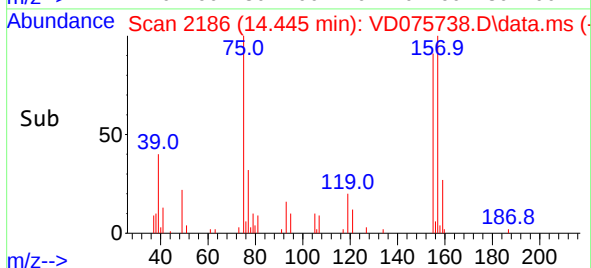
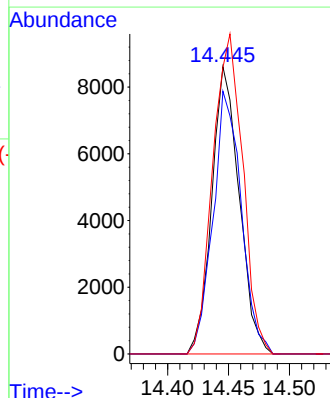
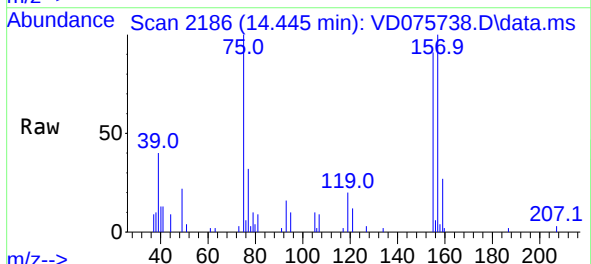
Tgt Ion: 75 Resp: 13517

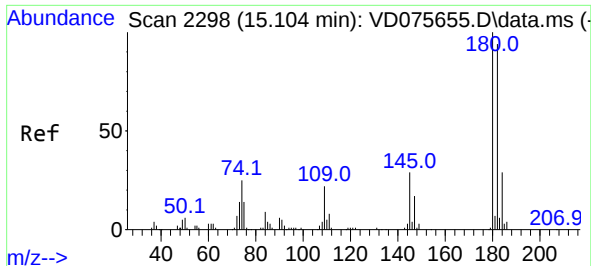
Ion Ratio Lower Upper

75 100

155 93.9 39.5 118.5

157 121.5 53.5 160.7

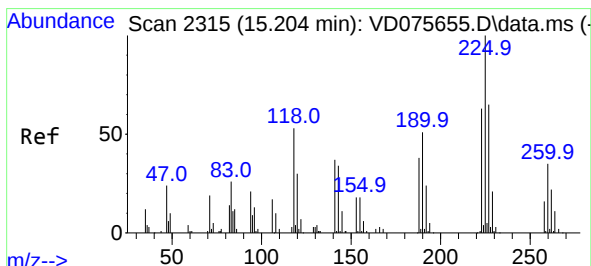
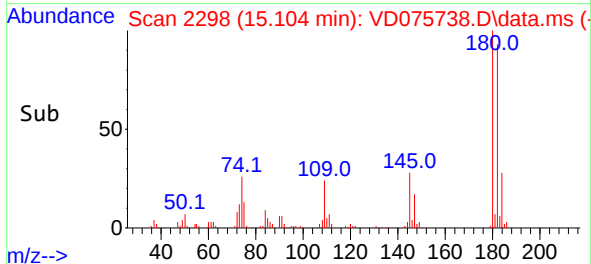
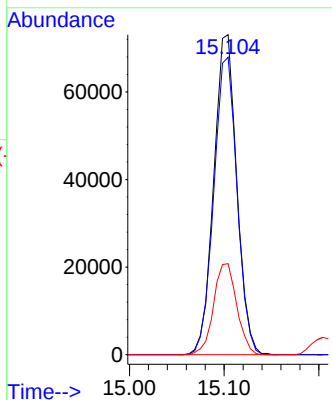
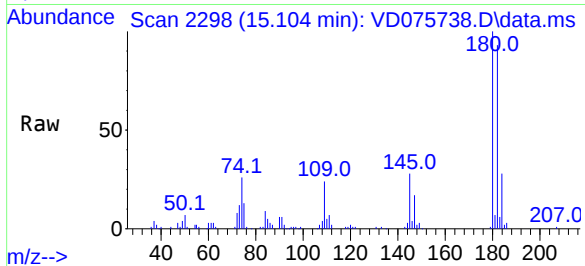




#93
1,2,4-Trichlorobenzene
Concen: 47.816 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

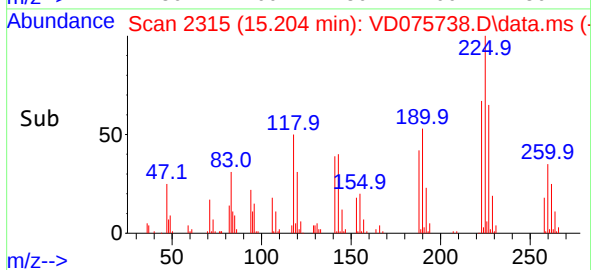
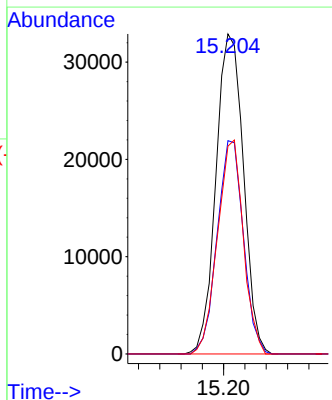
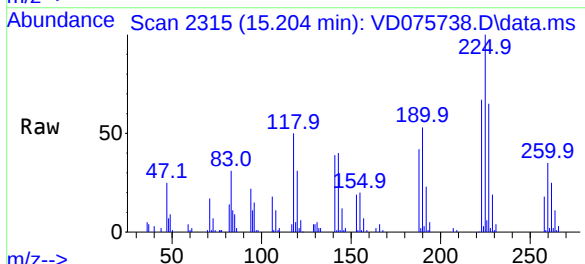
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

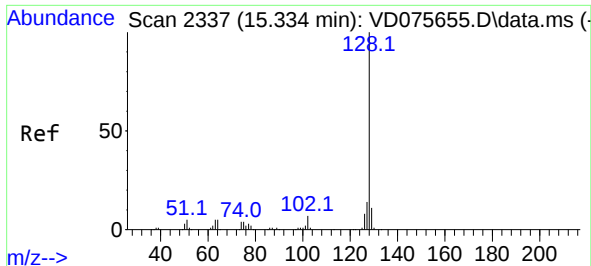
Tgt Ion:180 Resp: 123366
Ion Ratio Lower Upper
180 100
182 94.0 47.9 143.7
145 28.7 15.9 47.7



#94
Hexachlorobutadiene
Concen: 47.754 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:225 Resp: 58888
Ion Ratio Lower Upper
225 100
223 63.7 33.1 99.2
227 62.6 31.9 95.9



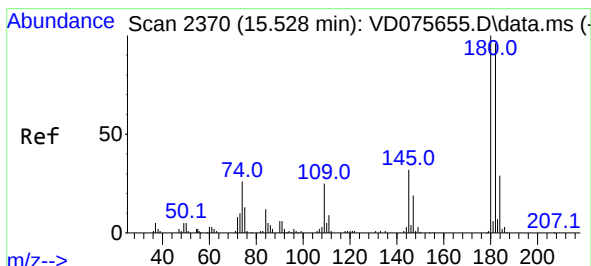
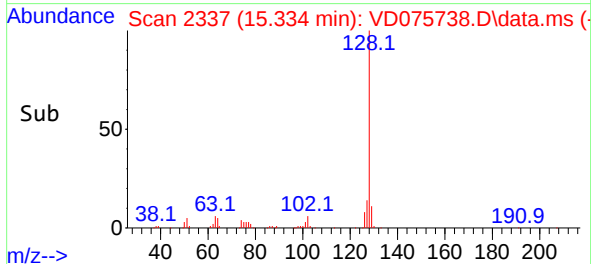
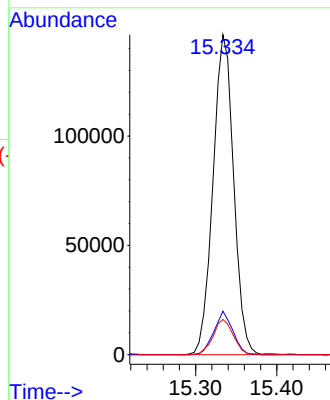
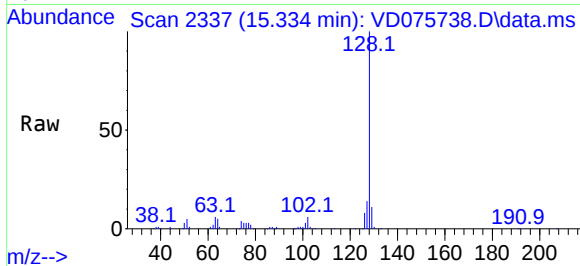


#95
Naphthalene
Concen: 52.972 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 258915

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.592 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075738.D
Acq: 18 Apr 2023 20:39

Tgt Ion:180 Resp: 114886

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.7	143.1
145	30.8	16.4	49.4

