

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073429.D
 Acq On : 31 May 2022 17:11
 Operator : VA/SY
 Sample : N3107-01
 Misc : 4.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-5

Quant Time: Jun 01 01:37:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	1152	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	2117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	2956	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	2484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	845	66.372	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.740%
35) Dibromofluoromethane	7.903	113	555	39.730	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.460%
50) Toluene-d8	10.332	98	1964	38.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.280%
62) 4-Bromofluorobenzene	12.620	95	2272	125.722	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	251.440%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	954	82.876	ug/l	93
3) Chloromethane	2.209	50	686	52.703	ug/l #	80
4) Vinyl Chloride	2.338	62	317	26.633	ug/l #	43
5) Bromomethane	2.779	94	472	62.899	ug/l	85
7) Trichlorofluoromethane	3.273	101	1200	57.018	ug/l #	70
16) Acetone	4.162	43	3074	1393.991	ug/l	95
20) Methylene Chloride	4.962	84	8702	671.795	ug/l #	84
36) 1,1-Dichloropropene	8.297	75	5569	265.068	ug/l #	45
37) Ethyl Acetate	7.285	43	179	21.570	ug/l #	72
38) Carbon Tetrachloride	8.285	117	4517	212.096	ug/l #	37
39) Methylcyclohexane	9.350	83	2235	95.454	ug/l #	68
40) Benzene	8.350	78	1462	24.145	ug/l #	66
41) Methacrylonitrile	7.573	41	70	14.478	ug/l #	39
42) 1,2-Dichloroethane	8.414	62	55	3.264	ug/l #	76
43) Isopropyl Acetate	8.285	43	6066	395.461	ug/l #	31
44) Trichloroethene	9.114	130	67	4.149	ug/l	1
47) Bromodichloromethane	9.650	83	206	9.613	ug/l #	24
48) Methyl methacrylate	9.420	41	88	11.403	ug/l #	19
51) 4-Methyl-2-Pentanone	10.220	43	1380	173.219	ug/l	93
52) Toluene	10.385	92	710	18.556	ug/l	85
53) t-1,3-Dichloropropene	10.608	75	82	4.236	ug/l #	44
54) cis-1,3-Dichloropropene	10.085	75	67	2.892	ug/l #	29
55) 1,1,2-Trichloroethane	10.791	97	127	11.214	ug/l #	1
56) Ethyl methacrylate	10.661	69	53	4.209	ug/l #	33
57) 1,3-Dichloropropane	10.944	76	55	2.894	ug/l #	42
59) 2-Hexanone	10.955	43	381	72.538	ug/l #	27
60) Dibromochloromethane	10.867	129	207	14.658	ug/l #	10
65) Chlorobenzene	11.649	112	279	4.601	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.450	131	216	9.604	ug/l #	8
67) Ethyl Benzene	11.738	91	2328	21.869	ug/l #	87
68) m/p-Xylenes	11.838	106	1851	44.755	ug/l #	64
69) o-Xylene	12.167	106	540	14.213	ug/l	62
70) Styrene	12.185	104	746	11.412	ug/l #	47
73) Isopropylbenzene	12.467	105	836	4.721	ug/l	75
74) N-amyl acetate	12.273	43	119	3.080	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	12.714	83	143	4.379	ug/l #	25

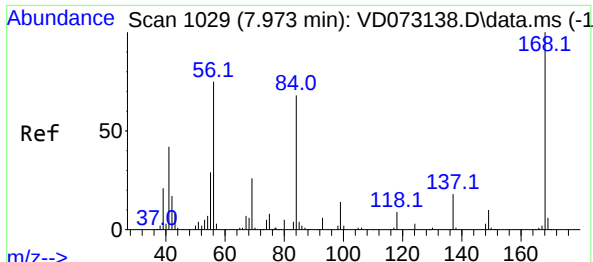
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
76) 1,2,3-Trichloropropane	12.761	75	68	2.790	ug/l	#	100
78) n-propylbenzene	12.808	91	1603	7.211	ug/l	#	64
79) 2-Chlorotoluene	12.896	91	526	4.098	ug/l		93
80) 1,3,5-Trimethylbenzene	12.944	105	832	5.546	ug/l		82
81) trans-1,4-Dichloro-2-b...	12.455	75	116	11.426	ug/l	#	7
82) 4-Chlorotoluene	12.985	91	820	6.095	ug/l		74
83) tert-Butylbenzene	13.208	119	466	3.686	ug/l	#	58
84) 1,2,4-Trimethylbenzene	13.255	105	1902	12.835	ug/l		84
85) sec-Butylbenzene	13.379	105	915	4.740	ug/l	#	71
86) p-Isopropyltoluene	13.508	119	771	4.900	ug/l	#	75
87) 1,3-Dichlorobenzene	13.585	146	733	8.724	ug/l		81
88) 1,4-Dichlorobenzene	13.585	146	733	8.642	ug/l		81
89) n-Butylbenzene	13.820	91	1079	7.196	ug/l	#	83
90) Hexachloroethane	14.161	117	61	1.873	ug/l	#	17
91) 1,2-Dichlorobenzene	13.873	146	366	5.034	ug/l	#	29
93) 1,2,4-Trichlorobenzene	15.149	180	523	12.672	ug/l	#	59
95) Naphthalene	15.373	128	2081	27.329	ug/l	#	90
96) 1,2,3-Trichlorobenzene	15.555	180	190	5.193	ug/l	#	12

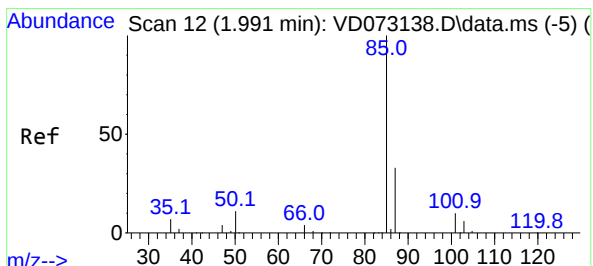
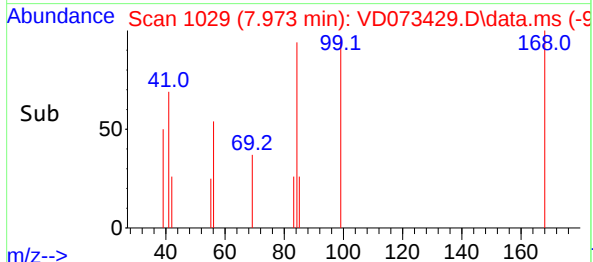
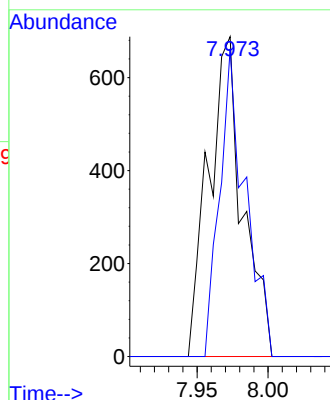
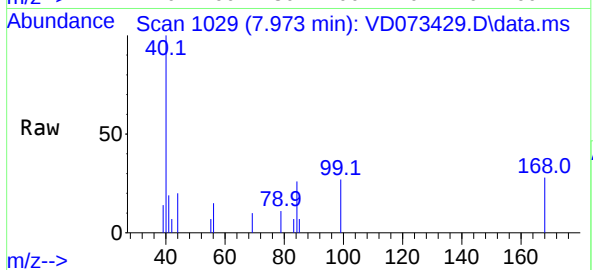
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

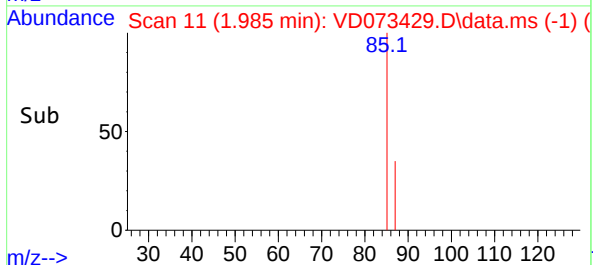
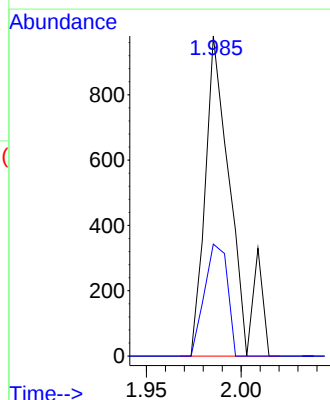
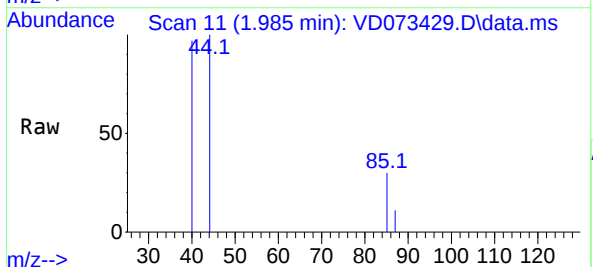
Instrument :
MSVOA_D
ClientSampleId :
MS-5

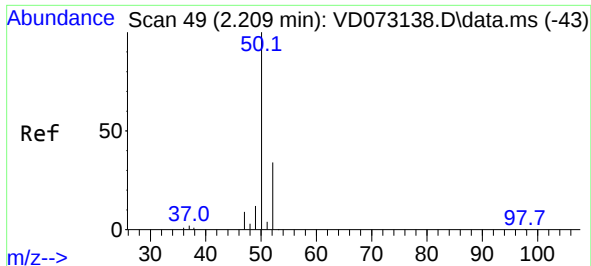
Tgt Ion:168 Resp: 1152
Ion Ratio Lower Upper
168 100
99 96.2 49.8 74.6#



#2
Dichlorodifluoromethane
Concen: 82.876 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 85 Resp: 954
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0

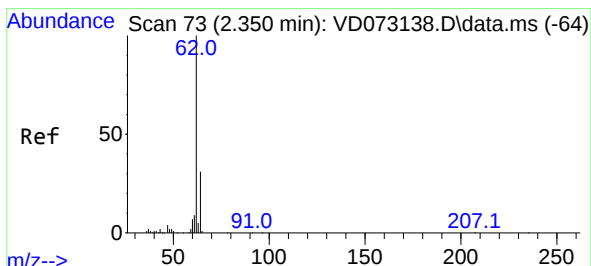
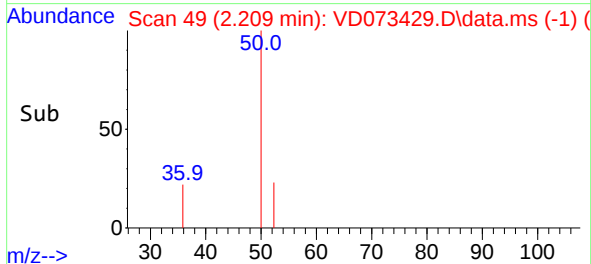
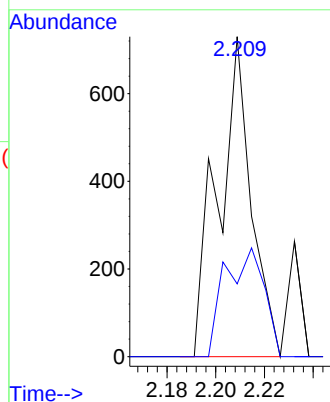
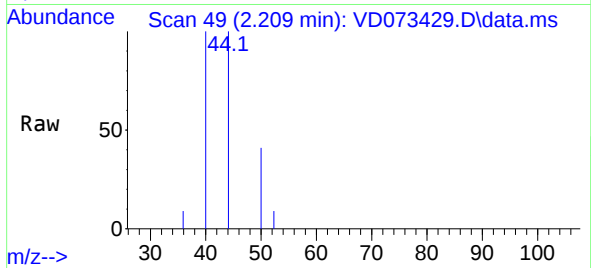




#3
Chloromethane
Concen: 52.703 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

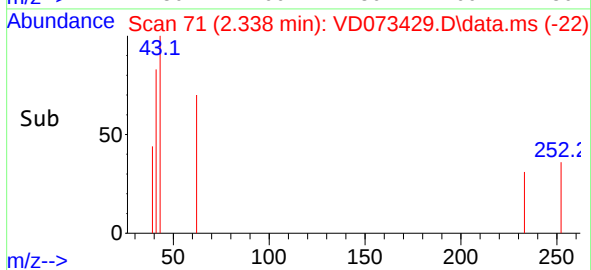
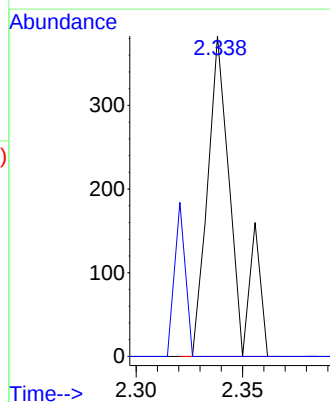
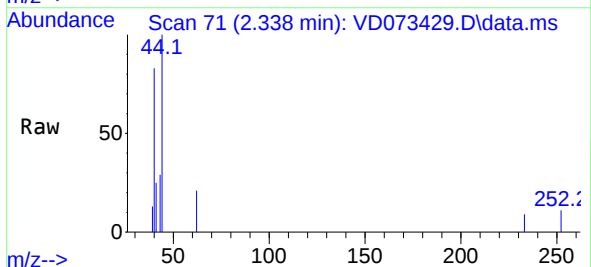
Instrument :
MSVOA_D
ClientSampleId :
MS-5

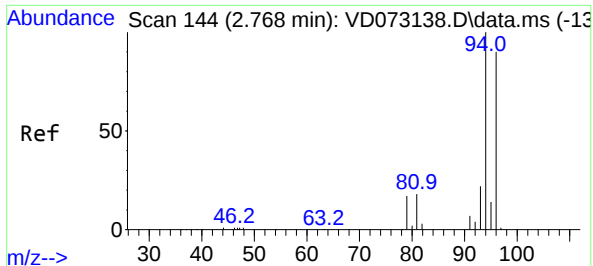
Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 22.7 27.4 41.0#



#4
Vinyl Chloride
Concen: 26.633 ug/l
RT: 2.338 min Scan# 71
Delta R.T. -0.012 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 62 Resp: 317
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#

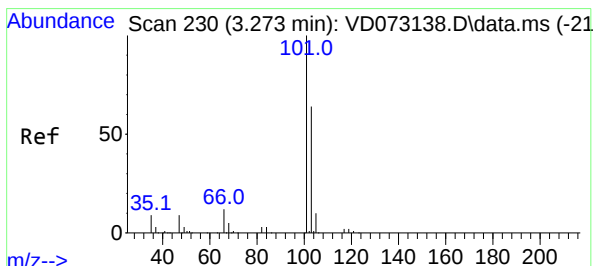
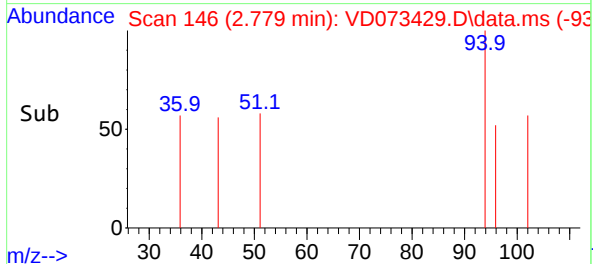
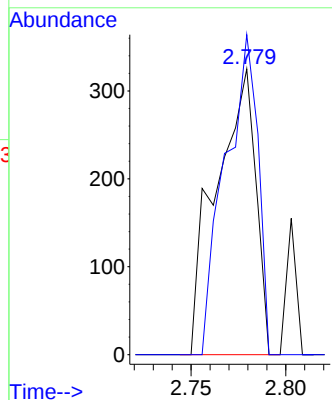
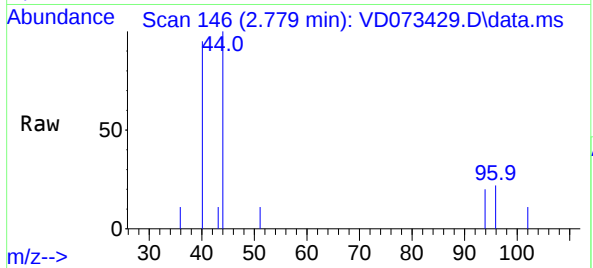




#5
Bromomethane
Concen: 62.899 ug/l
RT: 2.779 min Scan# 144
Delta R.T. 0.011 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

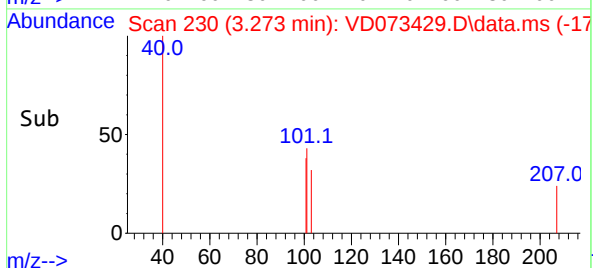
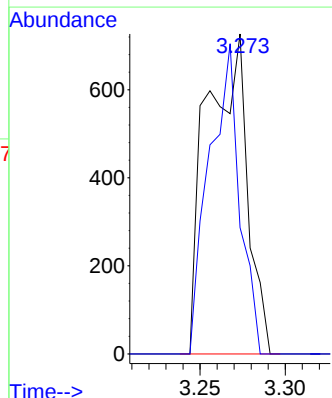
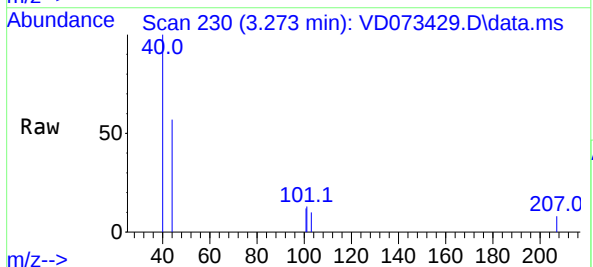
Instrument :
MSVOA_D
ClientSampleId :
MS-5

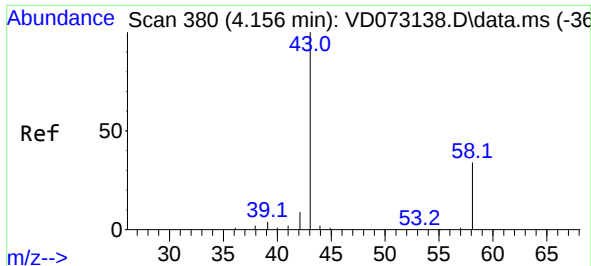
Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 112.0 77.6 116.4



#7
Trichlorofluoromethane
Concen: 57.018 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 101 Resp: 1200
Ion Ratio Lower Upper
101 100
103 39.5 50.1 75.1#

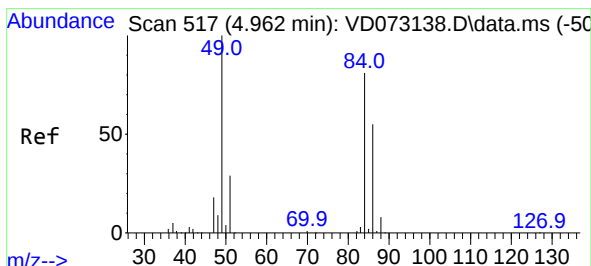
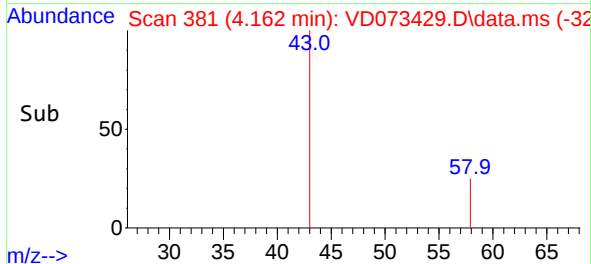
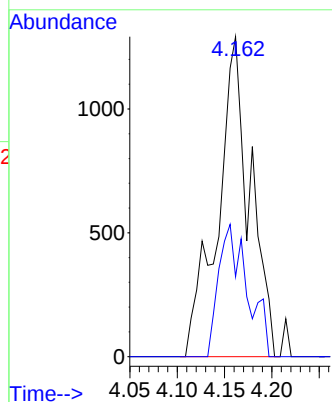
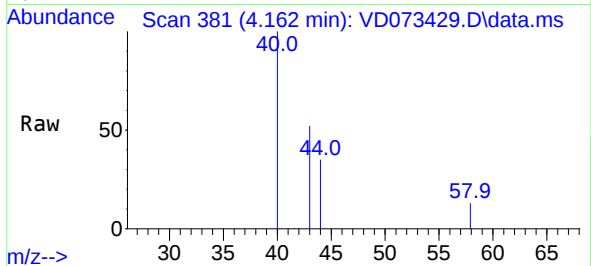




#16
Acetone
Concen: 1393.991 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

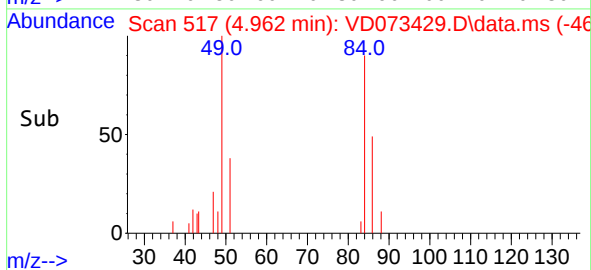
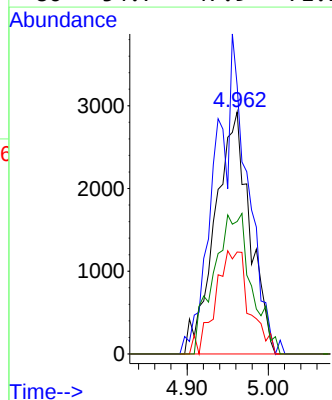
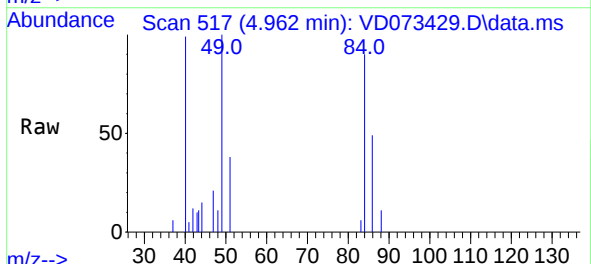
Instrument :
MSVOA_D
ClientSampleId :
MS-5

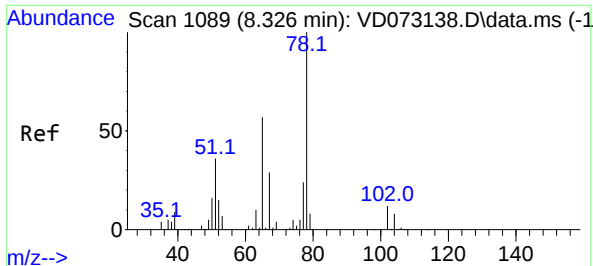
Tgt Ion: 43 Resp: 3074
Ion Ratio Lower Upper
43 100
58 25.0 22.1 33.1



#20
Methylene Chloride
Concen: 671.795 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 84 Resp: 8702
Ion Ratio Lower Upper
84 100
49 110.8 112.8 169.2#
51 42.1 32.6 48.8
86 54.7 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 66.372 ug/l

RT: 8.314 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

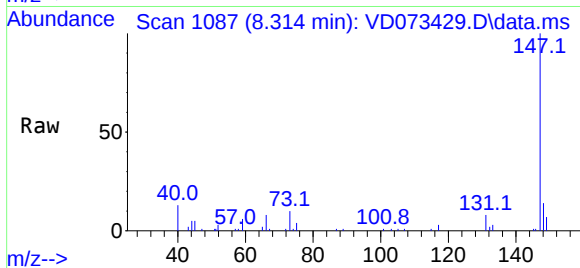
MS-5

Tgt Ion: 65 Resp: 845

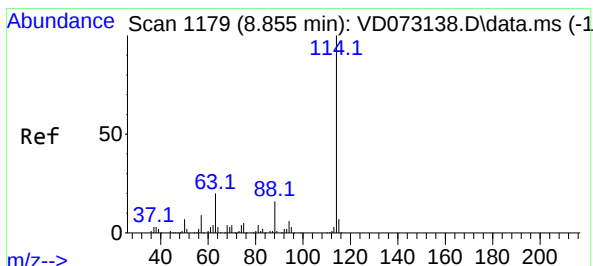
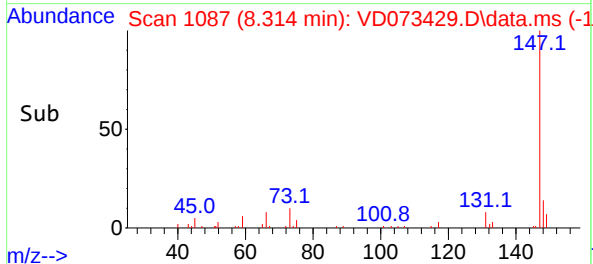
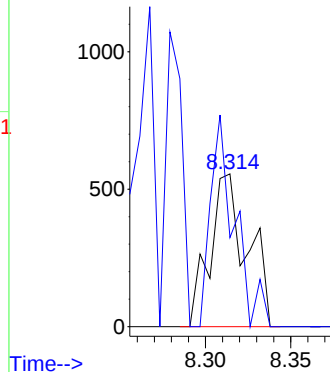
Ion Ratio Lower Upper

65 100

67 89.1 0.0 101.4



Abundance



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

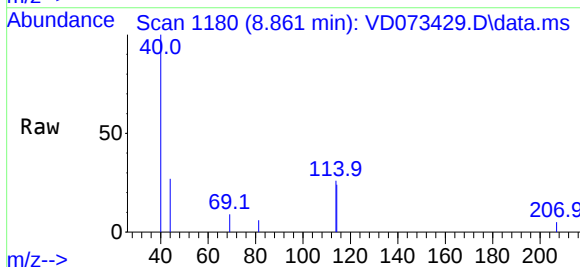
Tgt Ion: 114 Resp: 2117

Ion Ratio Lower Upper

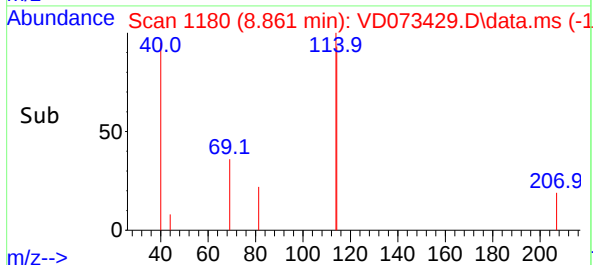
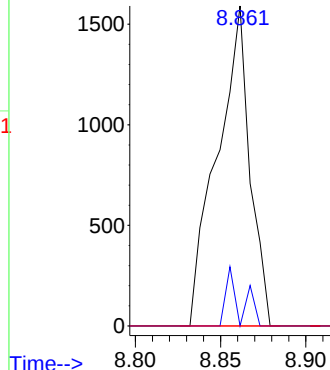
114 100

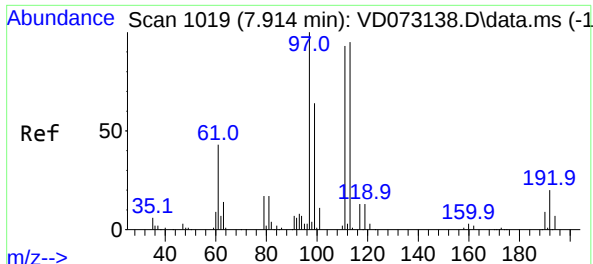
63 0.0 0.0 46.6

88 0.0 0.0 33.2



Abundance

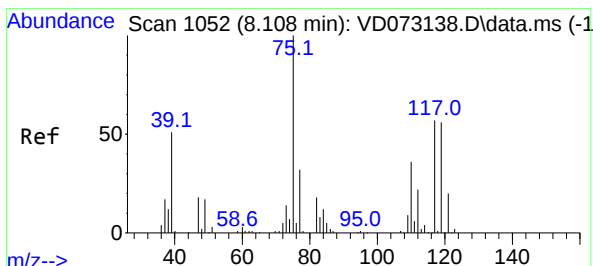
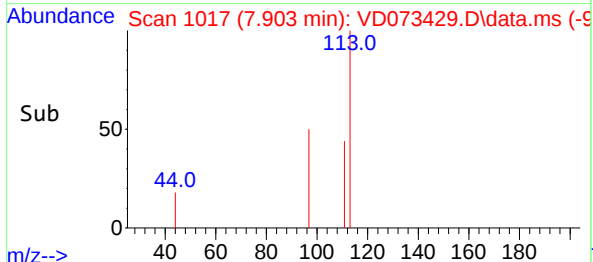
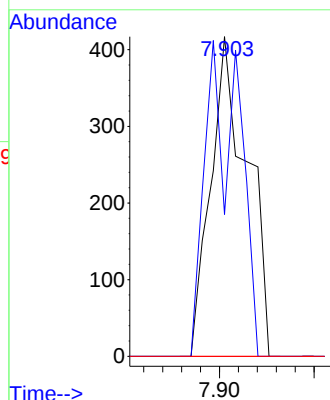
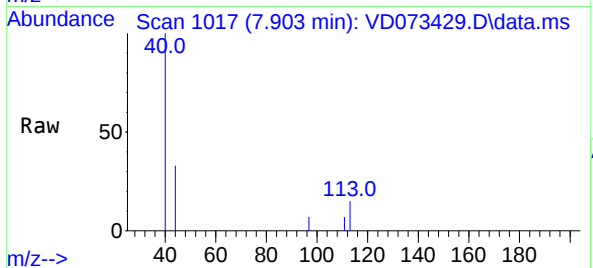




#35
Dibromofluoromethane
Concen: 39.730 ug/l
RT: 7.903 min Scan# 1084
Delta R.T. -0.011 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

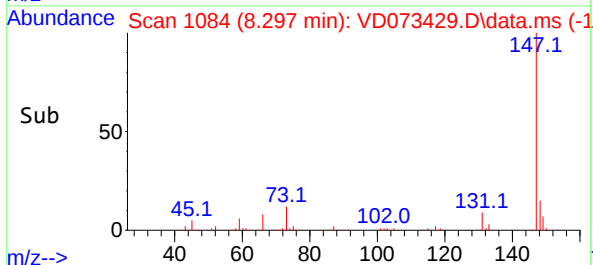
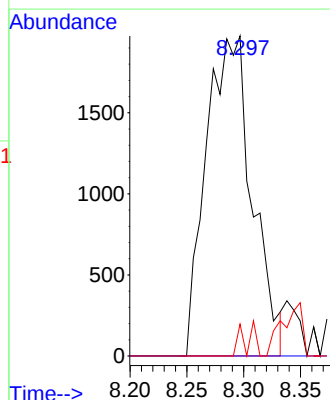
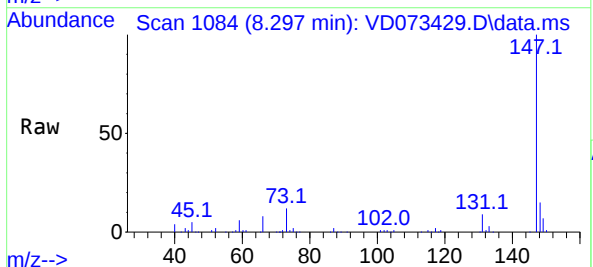
Instrument :
MSVOA_D
ClientSampleId :
MS-5

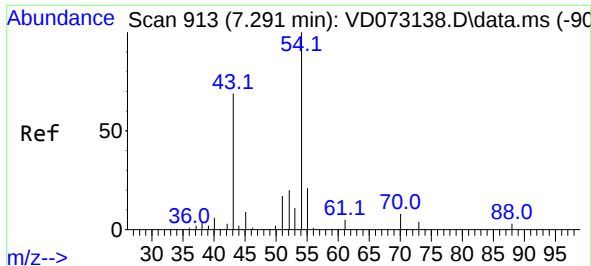
Tgt Ion:113 Resp: 555
Ion Ratio Lower Upper
113 100
111 91.5 83.8 125.6
192 0.0 14.6 21.8#



#36
1,1-Dichloropropene
Concen: 265.068 ug/l
RT: 8.297 min Scan# 1084
Delta R.T. 0.189 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 75 Resp: 5569
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 2.6 24.2 36.2#





#37

Ethyl Acetate

Concen: 21.570 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

MS-5

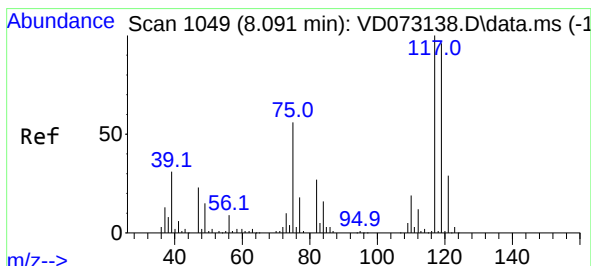
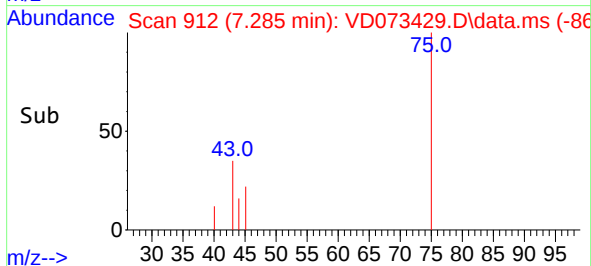
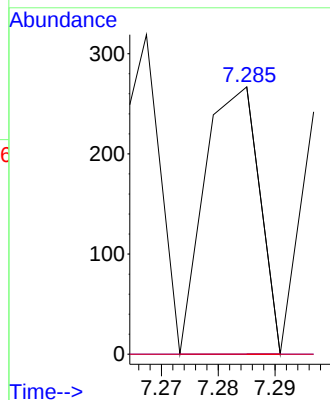
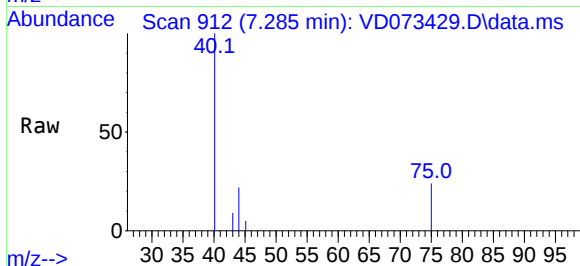
Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 212.096 ug/l

RT: 8.285 min Scan# 1082

Delta R.T. 0.194 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

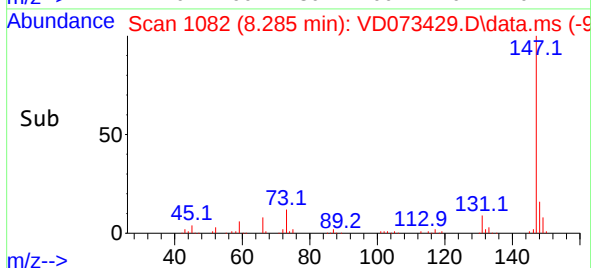
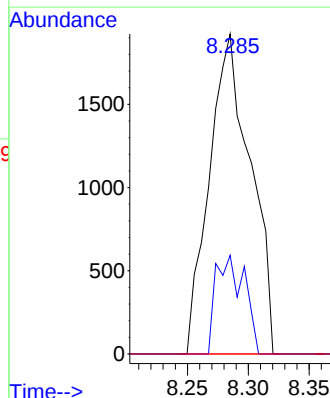
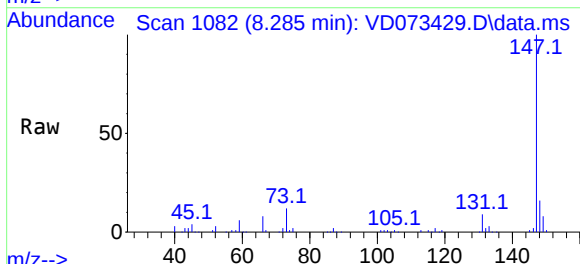
Tgt Ion: 117 Resp: 4517

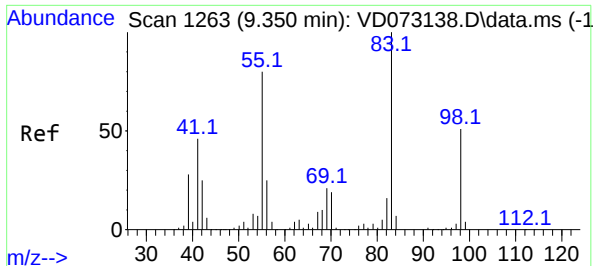
Ion Ratio Lower Upper

117 100

119 30.8 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 95.454 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

MS-5

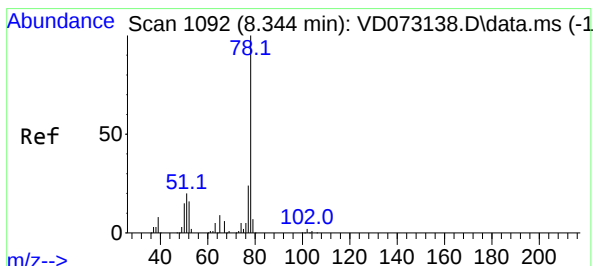
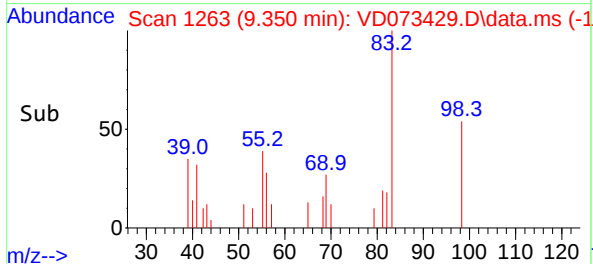
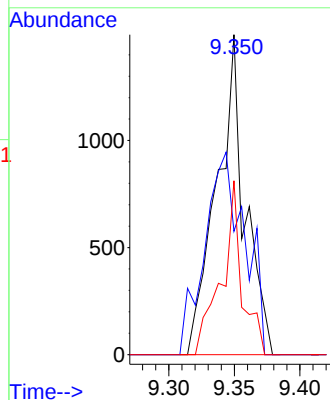
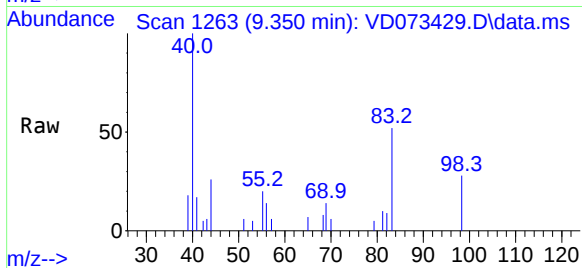
Tgt Ion: 83 Resp: 2235

Ion Ratio Lower Upper

83 100

55 38.6 63.2 94.8#

98 54.4 38.2 57.4



#40

Benzene

Concen: 24.145 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD073429.D

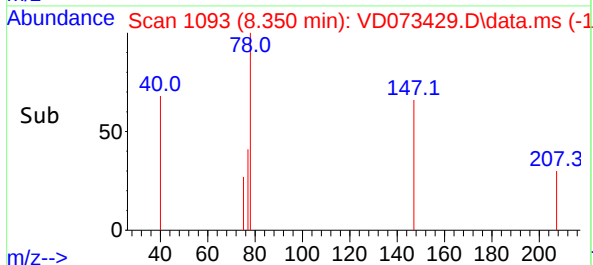
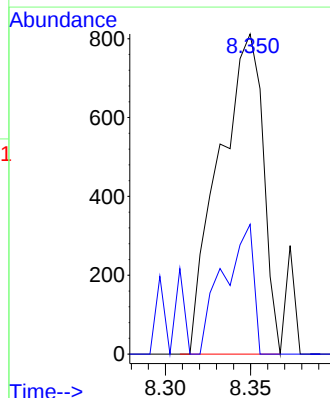
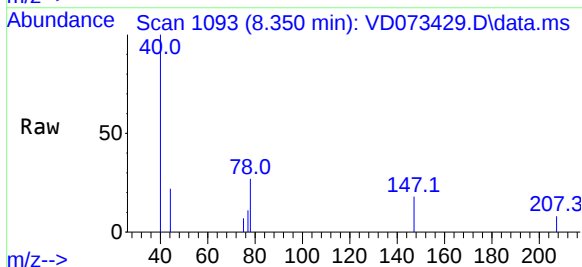
Acq: 31 May 2022 17:11

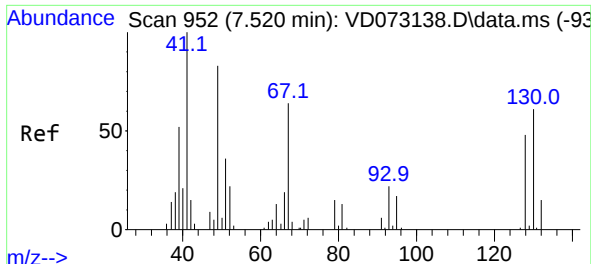
Tgt Ion: 78 Resp: 1462

Ion Ratio Lower Upper

78 100

77 40.5 19.1 28.7#

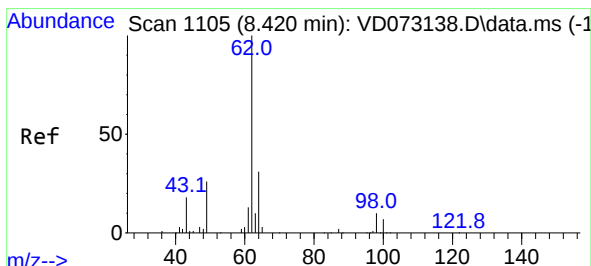
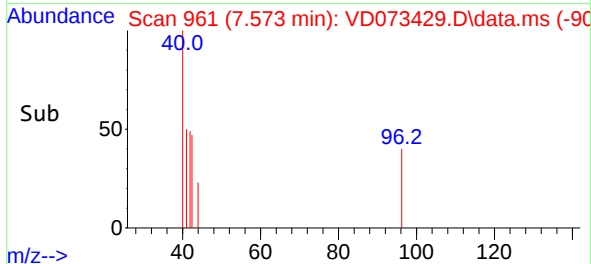
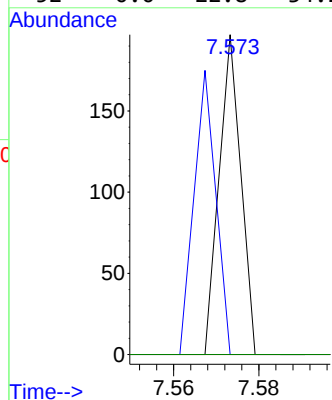
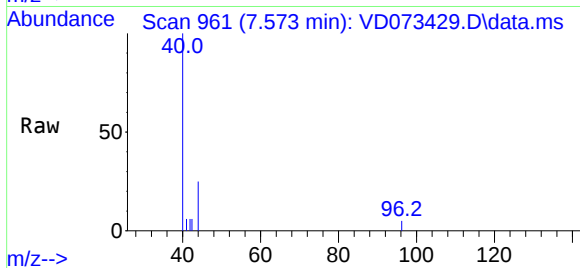




#41
Methacrylonitrile
Concen: 14.478 ug/l
RT: 7.573 min Scan# 90
Delta R.T. 0.053 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

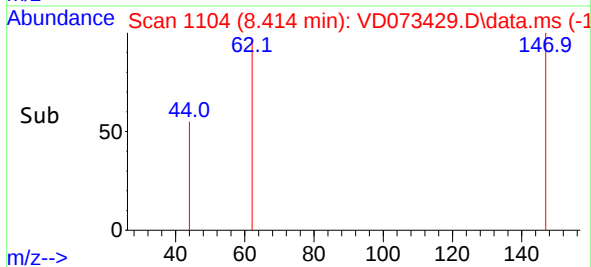
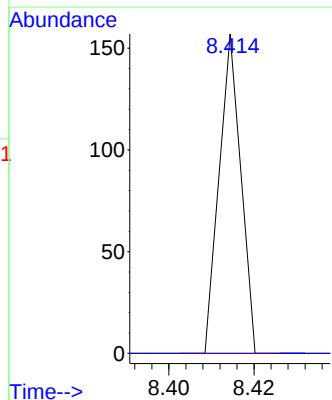
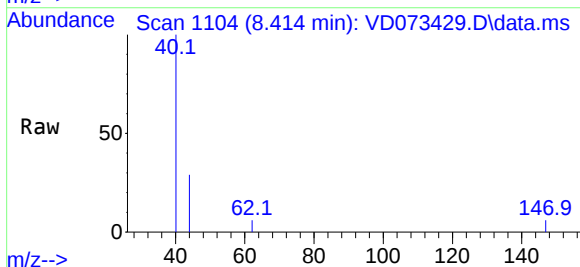
Instrument :
MSVOA_D
ClientSampleId :
MS-5

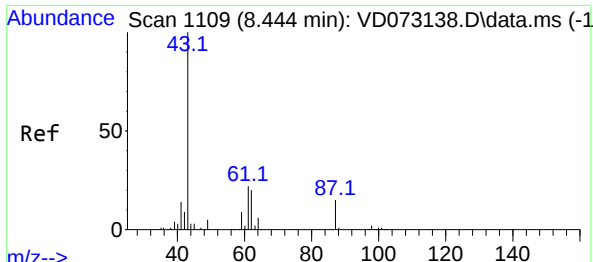
Tgt Ion:	41	Resp:	70
Ion	Ratio	Lower	Upper
41	100		
39	88.6	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 3.264 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion:	62	Resp:	55
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

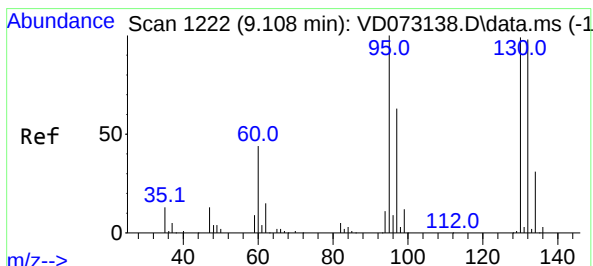
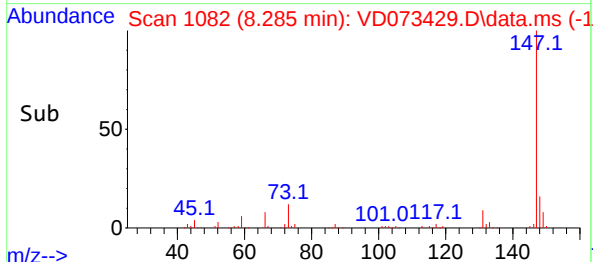
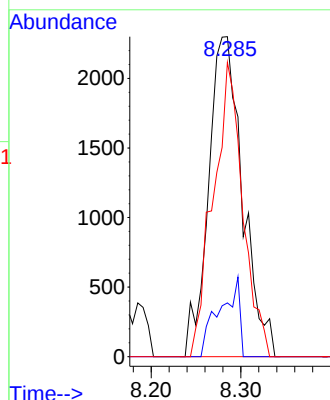
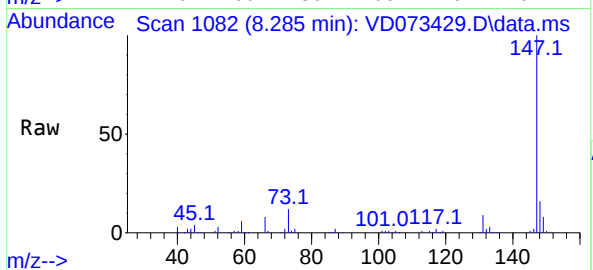




#43
Isopropyl Acetate
Concen: 395.461 ug/l
RT: 8.285 min Scan# 1082
Delta R.T. -0.159 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

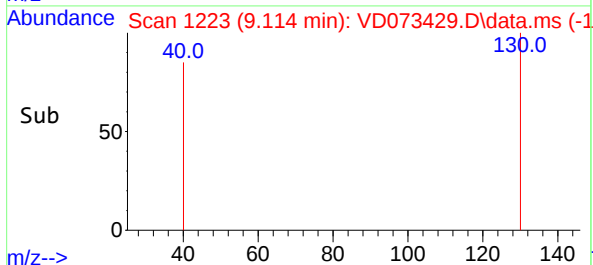
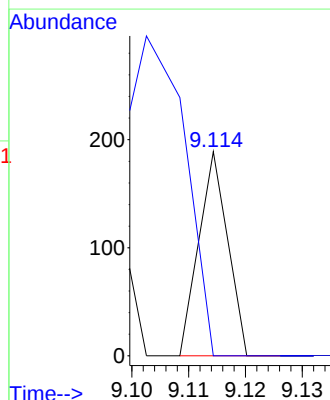
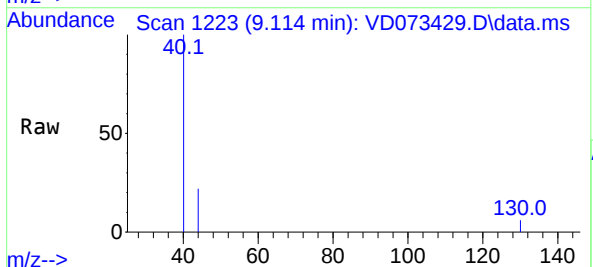
Instrument :
MSVOA_D
ClientSampleId :
MS-5

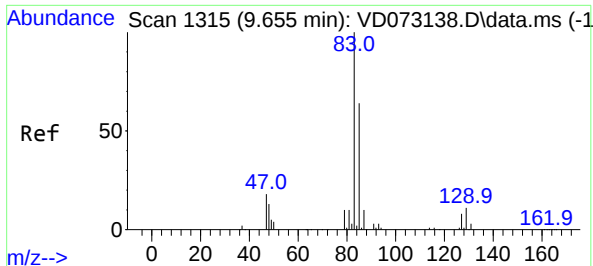
Tgt Ion: 43 Resp: 6066
Ion Ratio Lower Upper
43 100
61 14.6 22.4 33.6#
87 79.5 8.7 13.1#



#44
Trichloroethene
Concen: 4.149 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 130 Resp: 67
Ion Ratio Lower Upper
130 100
95 0.0 0.0 205.4

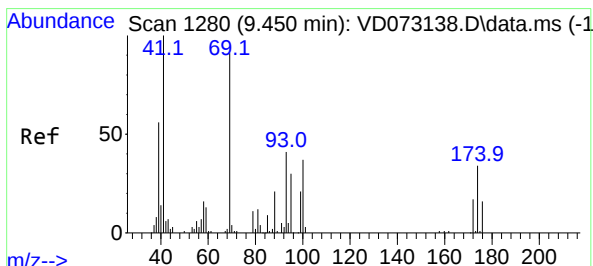
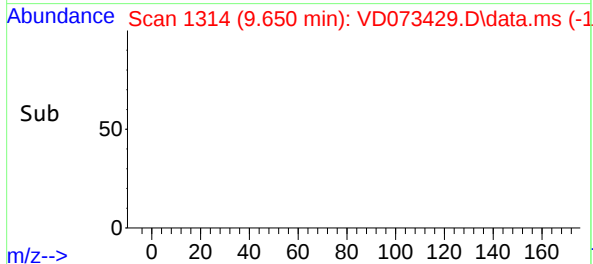
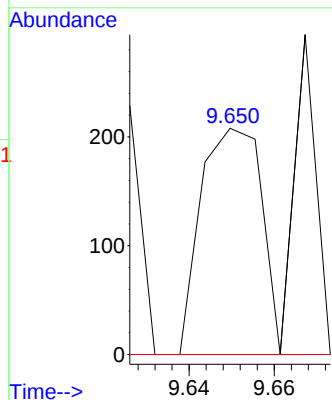
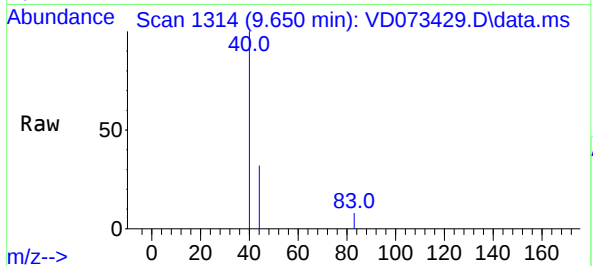




#47
Bromodichloromethane
Concen: 9.613 ug/l
RT: 9.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

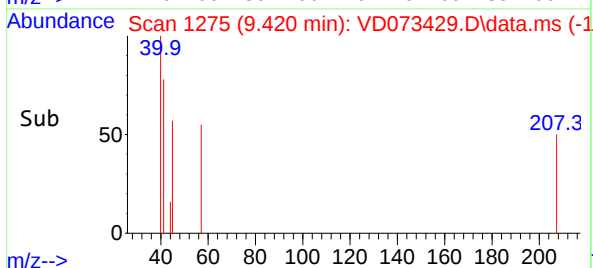
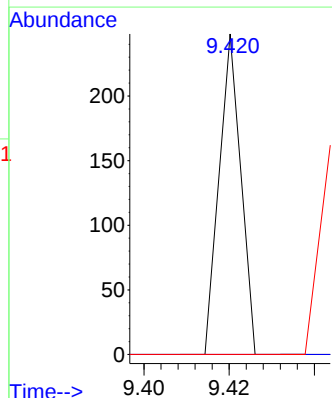
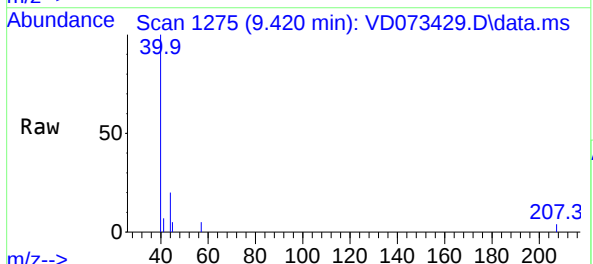
Instrument :
MSVOA_D
ClientSampleId :
MS-5

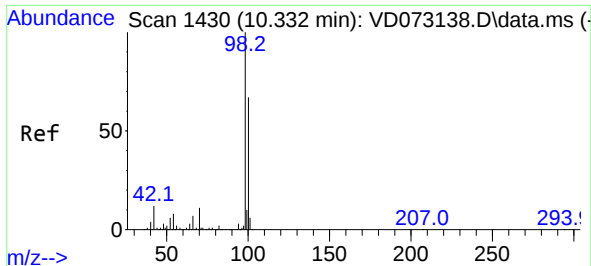
Tgt Ion: 83 Resp: 206
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 11.403 ug/l
RT: 9.420 min Scan# 1275
Delta R.T. -0.030 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 41 Resp: 88
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

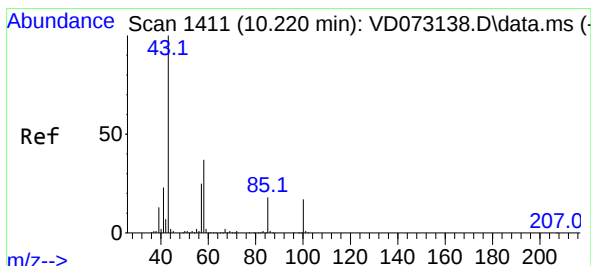
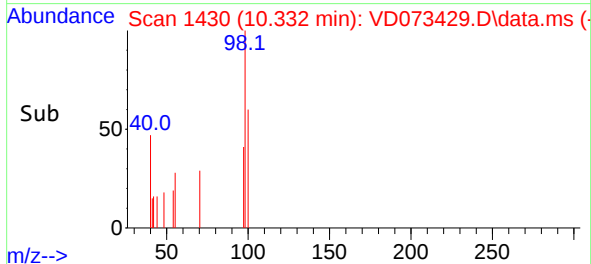
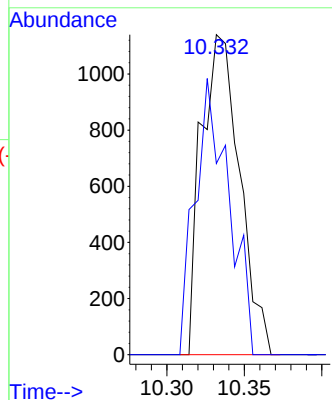
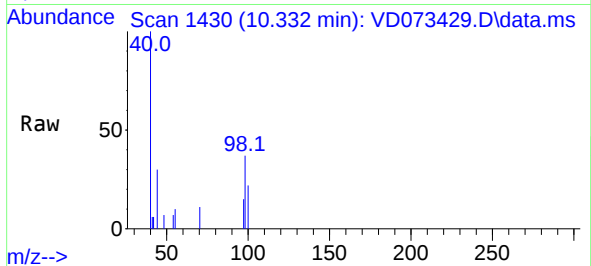




#50
Toluene-d8
Concen: 38.140 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

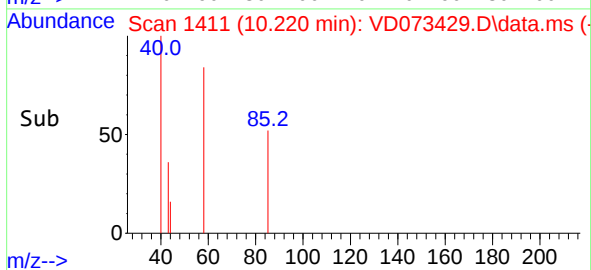
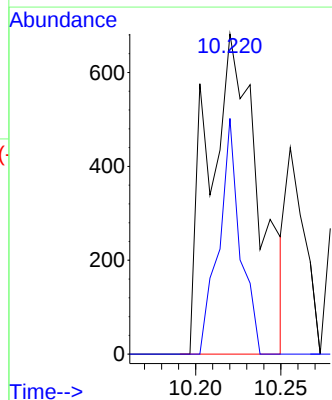
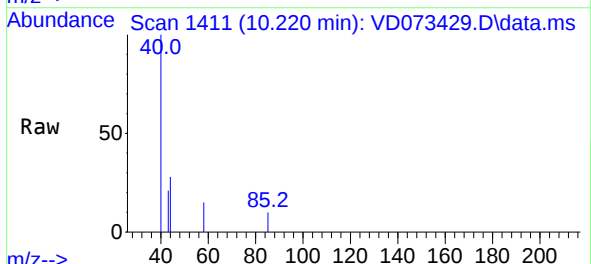
Instrument :
MSVOA_D
ClientSampleId :
MS-5

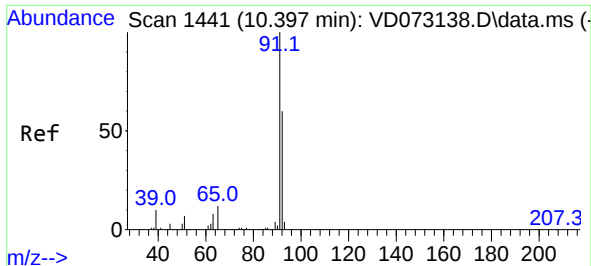
Tgt Ion: 98 Resp: 1964
Ion Ratio Lower Upper
98 100
100 75.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 173.219 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 31.7 28.6 43.0

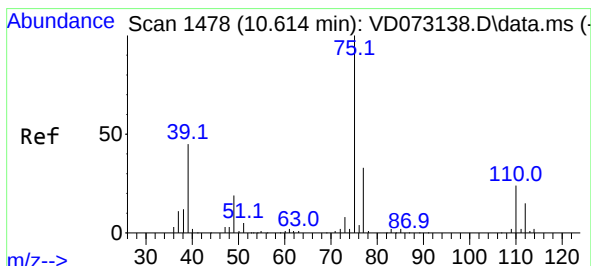
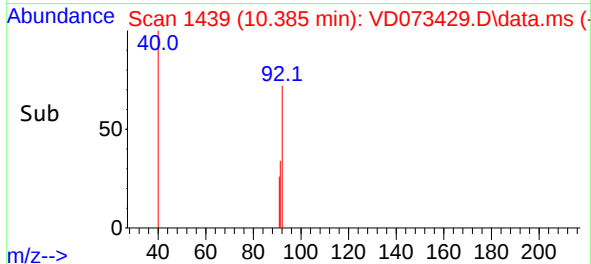
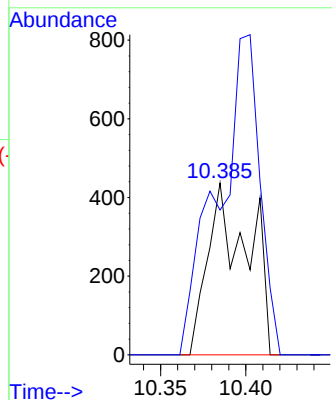
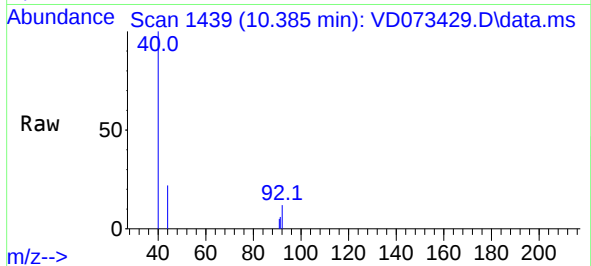




#52
Toluene
Concen: 18.556 ug/l
RT: 10.385 min Scan# 1441
Delta R.T. -0.012 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

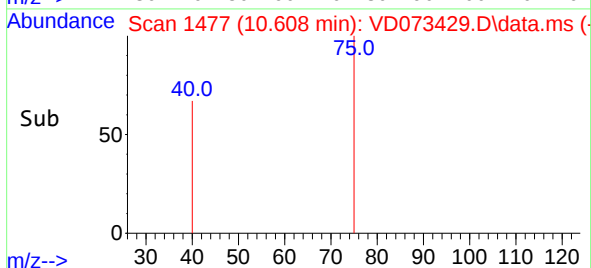
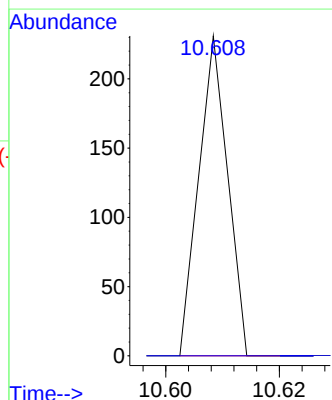
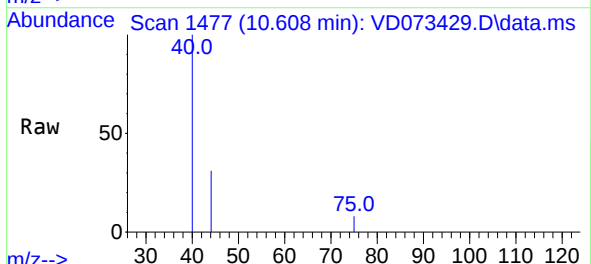
Instrument :
MSVOA_D
ClientSampleId :
MS-5

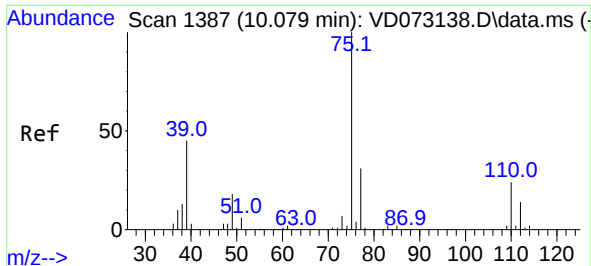
Tgt Ion: 92 Resp: 710
Ion Ratio Lower Upper
92 100
91 195.2 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 4.236 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
77 0.0 24.5 36.7#

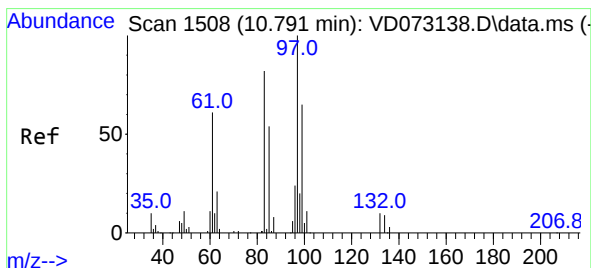
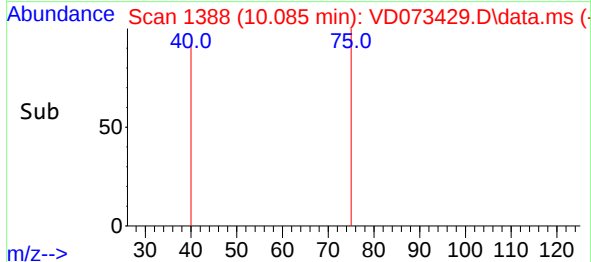
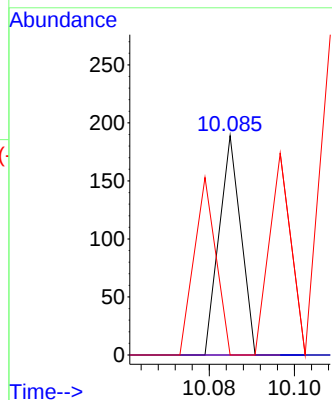
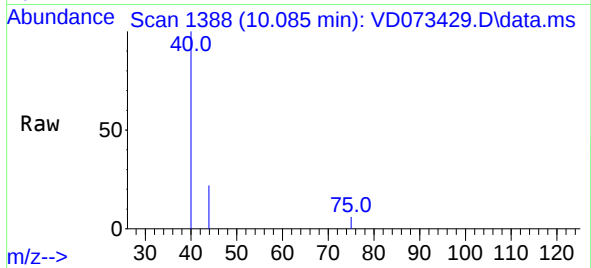




#54
cis-1,3-Dichloropropene
Concen: 2.892 ug/l
RT: 10.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

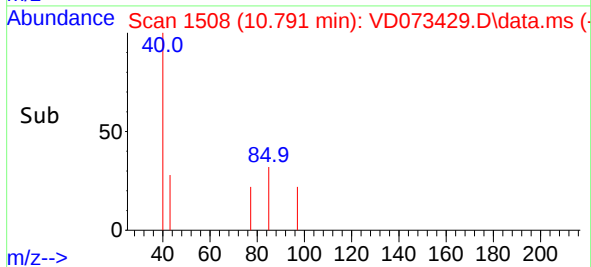
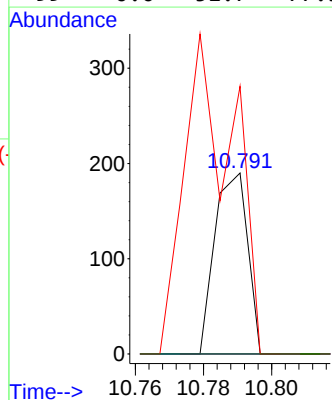
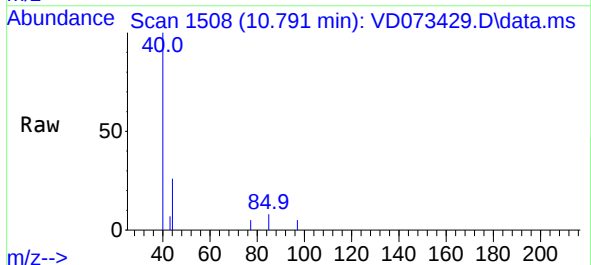
Instrument :
MSVOA_D
ClientSampleId :
MS-5

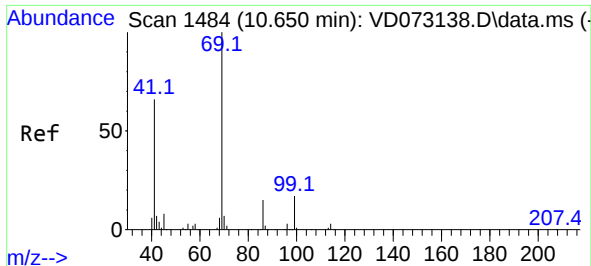
Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 0.0 46.8 70.2#



#55
1,1,2-Trichloroethane
Concen: 11.214 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 97 Resp: 127
Ion Ratio Lower Upper
97 100
83 0.0 69.0 103.4#
85 147.9 42.6 63.8#
99 0.0 51.7 77.5#

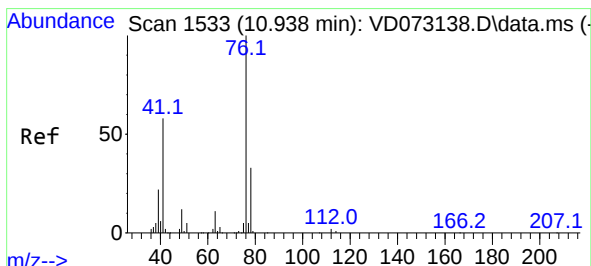
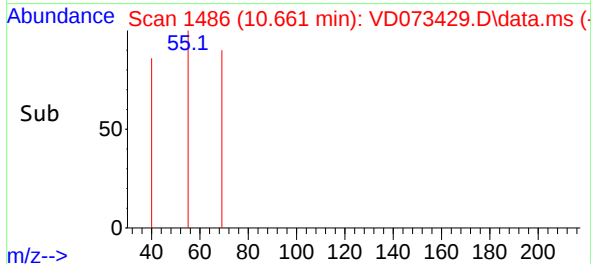
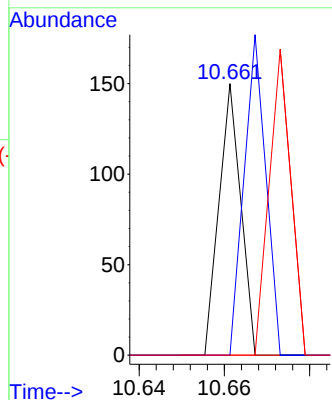
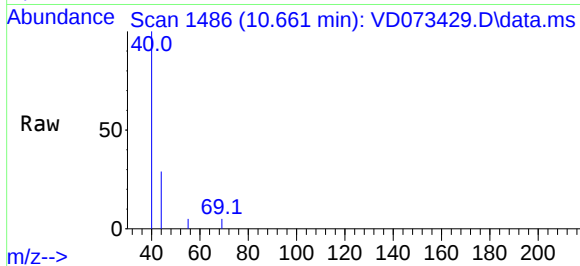




#56
Ethyl methacrylate
Concen: 4.209 ug/l
RT: 10.661 min Scan# 1484
Delta R.T. 0.011 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

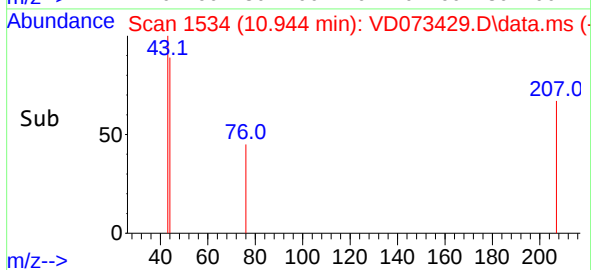
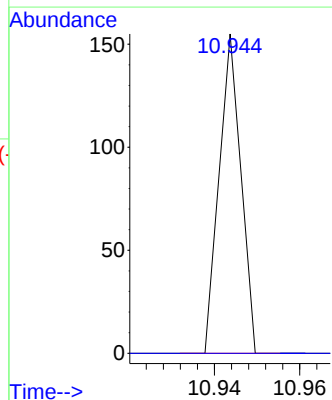
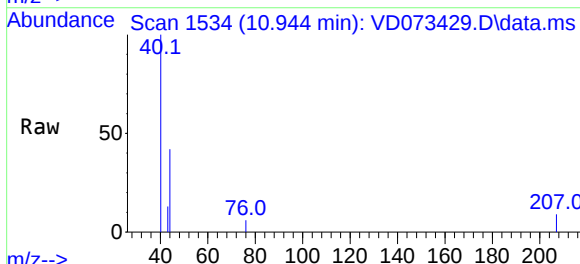
Instrument :
MSVOA_D
ClientSampleId :
MS-5

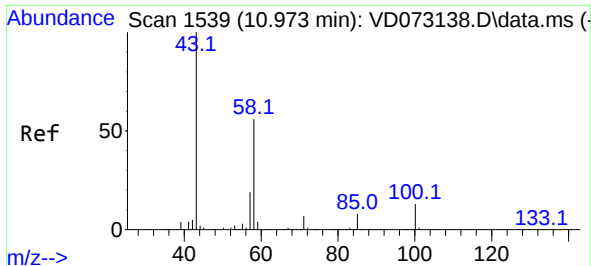
Tgt Ion: 69	Resp: 53
Ion Ratio	Lower Upper
69 100	
41 117.0	63.0 94.6#
39 113.2	33.8 50.8#



#57
1,3-Dichloropropane
Concen: 2.894 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 76	Resp: 55		
Ion Ratio	Lower	Upper	
76 100			
78 0.0	26.0	39.0#	

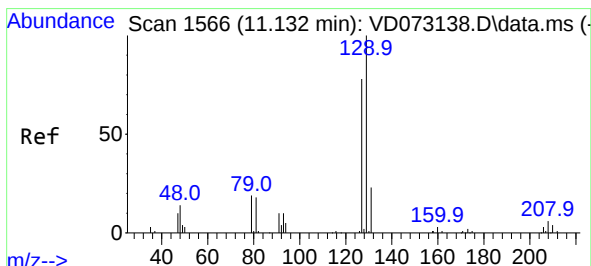
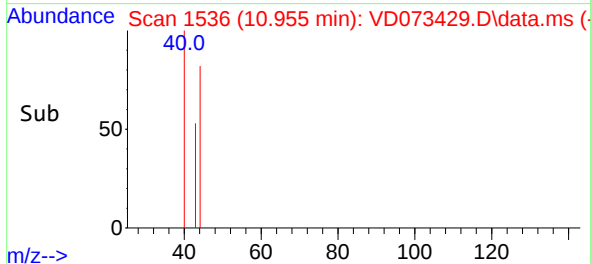
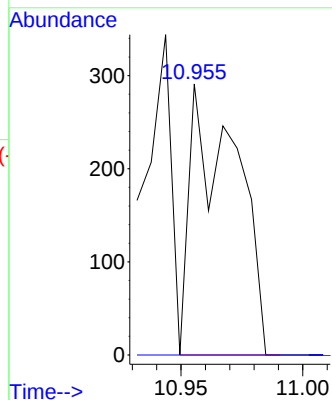
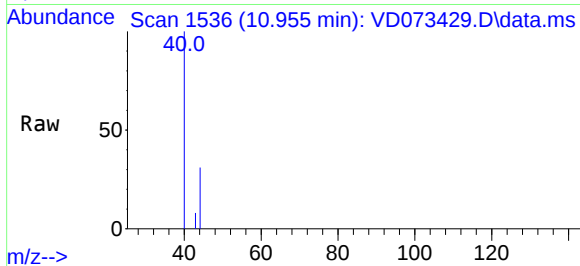




#59
2-Hexanone
Concen: 72.538 ug/l
RT: 10.955 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

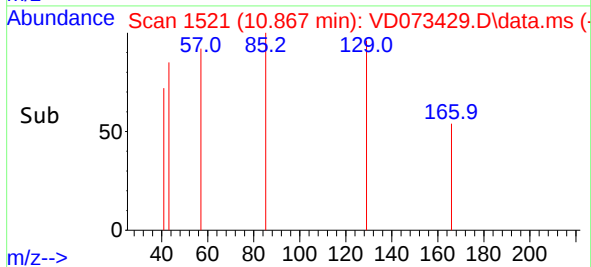
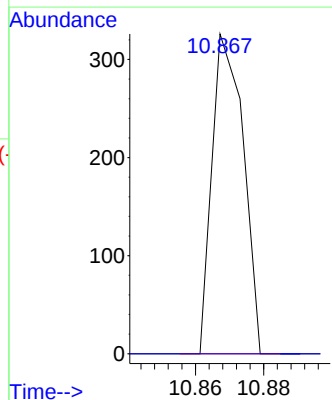
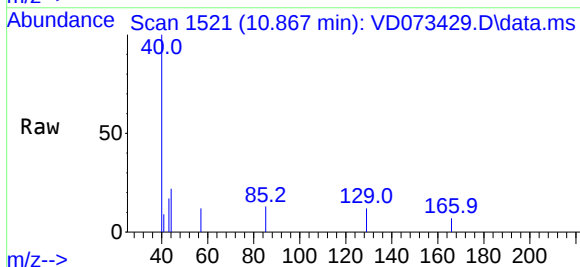
Instrument :
MSVOA_D
ClientSampleId :
MS-5

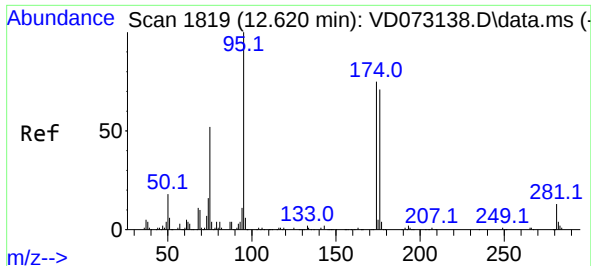
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#60
Dibromochloromethane
Concen: 14.658 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.265 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 129 Resp: 207
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#

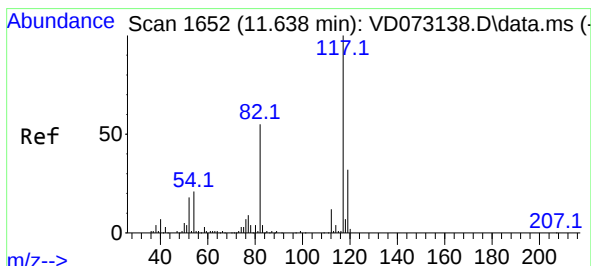
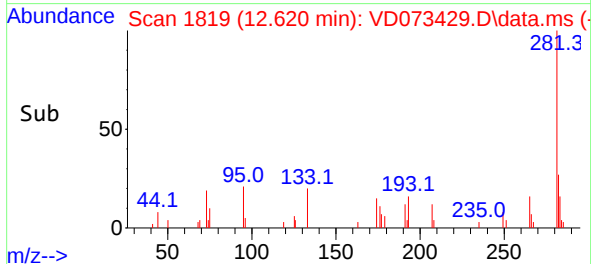
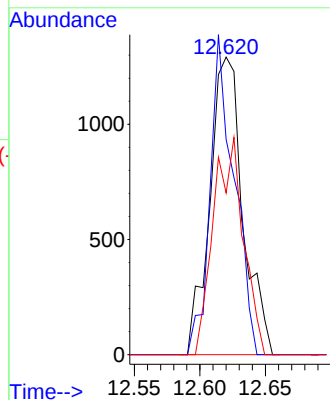
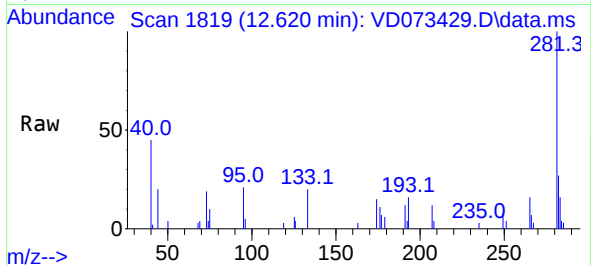




#62
4-Bromofluorobenzene
Concen: 125.722 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

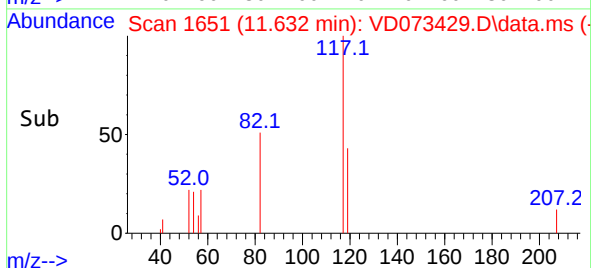
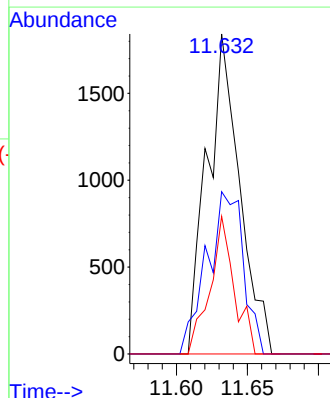
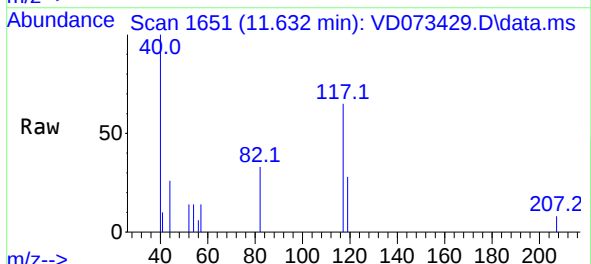
Instrument :
MSVOA_D
ClientSampleId :
MS-5

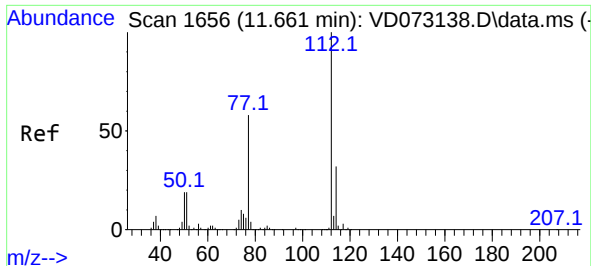
Tgt Ion:	95	Resp:	2272
Ion Ratio	Lower	Upper	
95	100		
174	78.3	0.0	152.8
176	65.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion:	117	Resp:	2956
Ion Ratio	Lower	Upper	
117	100		
82	50.7	45.3	67.9
119	43.0	26.6	40.0#

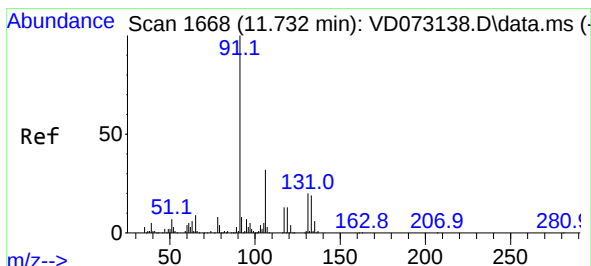
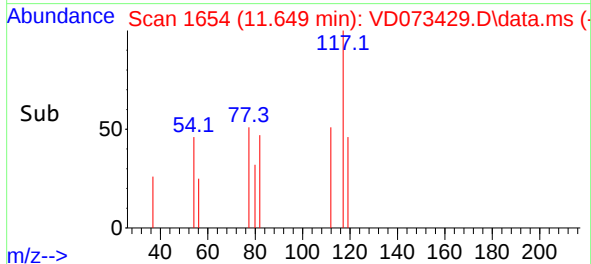
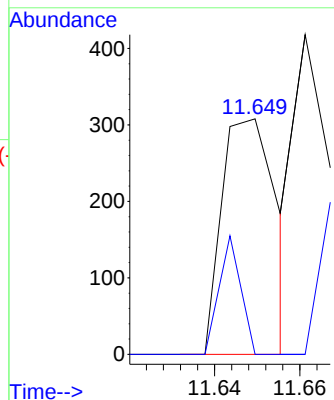
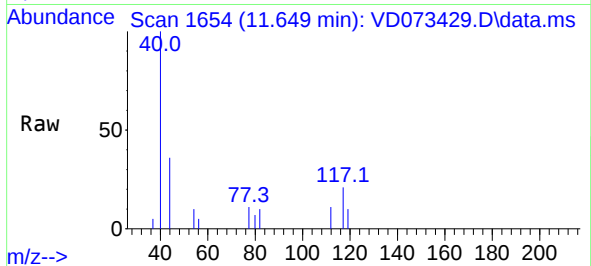




#65
Chlorobenzene
Concen: 4.601 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.012 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

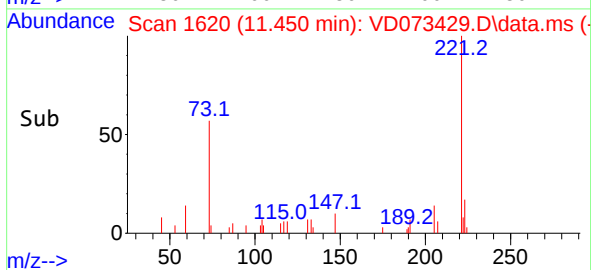
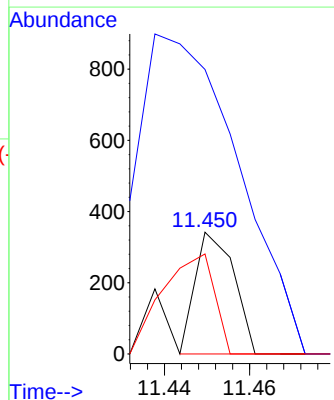
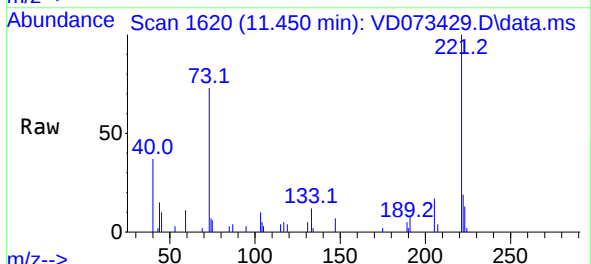
Instrument :
MSVOA_D
ClientSampleId :
MS-5

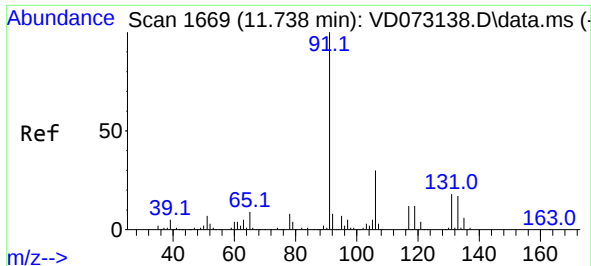
Tgt Ion:112 Resp: 279
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 9.604 ug/l
RT: 11.450 min Scan# 1620
Delta R.T. -0.282 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion:131 Resp: 216
Ion Ratio Lower Upper
131 100
133 0.0 48.1 144.3#
119 0.0 31.9 95.9#





#67

Ethyl Benzene

Concen: 21.869 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

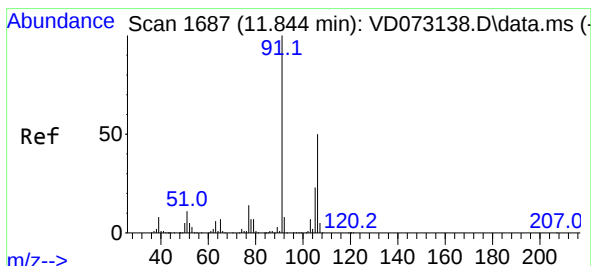
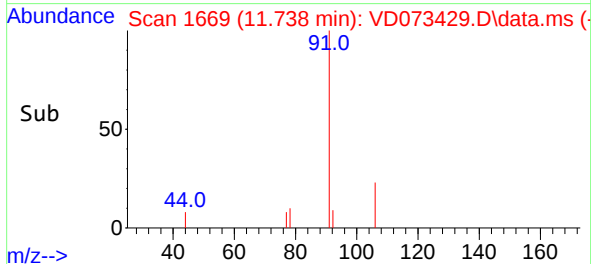
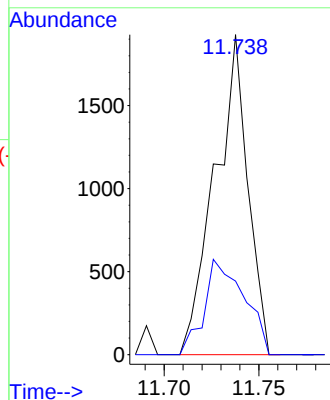
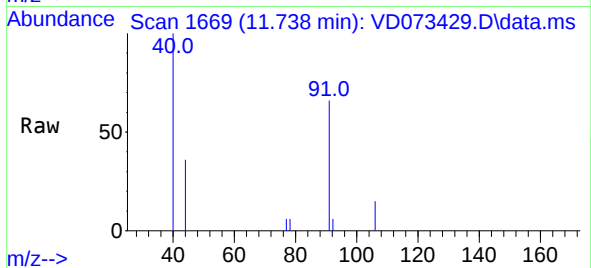
MS-5

Tgt Ion: 91 Resp: 2328

Ion Ratio Lower Upper

91 100

106 23.0 24.2 36.4#



#68

m/p-Xylenes

Concen: 44.755 ug/l

RT: 11.838 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VD073429.D

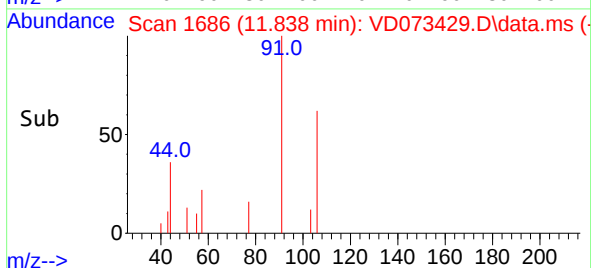
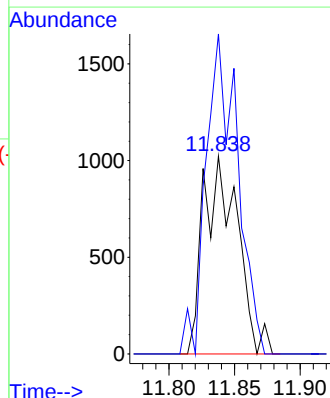
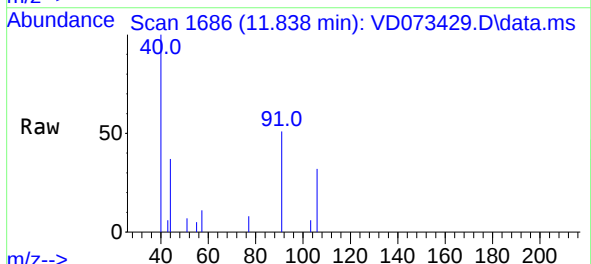
Acq: 31 May 2022 17:11

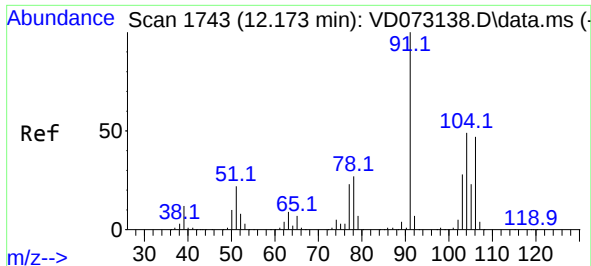
Tgt Ion:106 Resp: 1851

Ion Ratio Lower Upper

106 100

91 149.8 163.7 245.5#

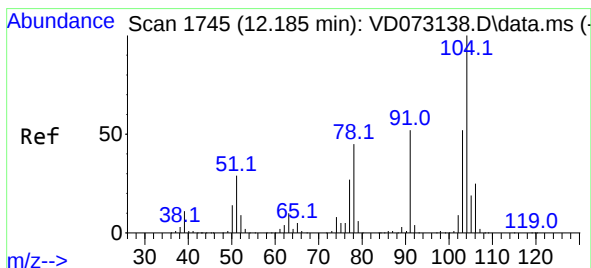
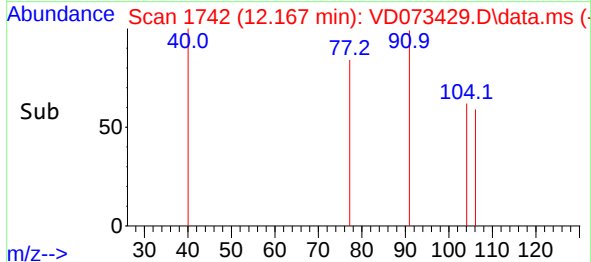
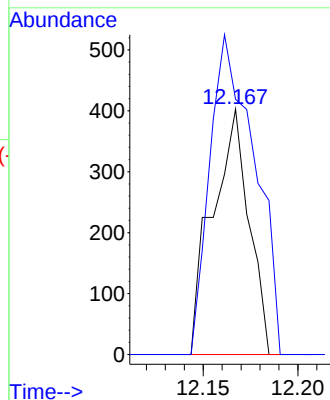
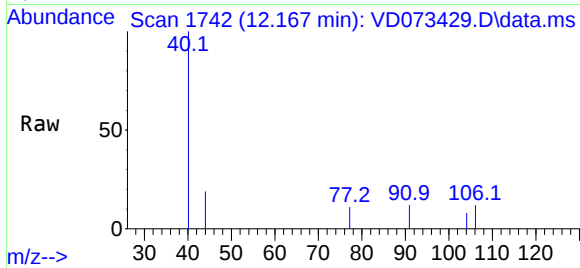




#69
o-Xylene
Concen: 14.213 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

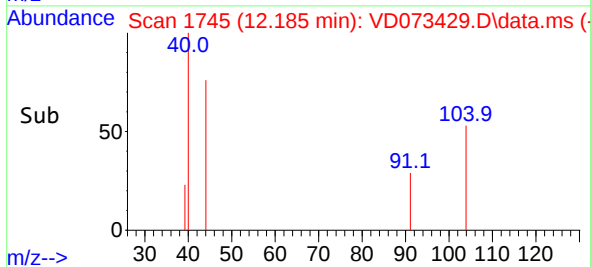
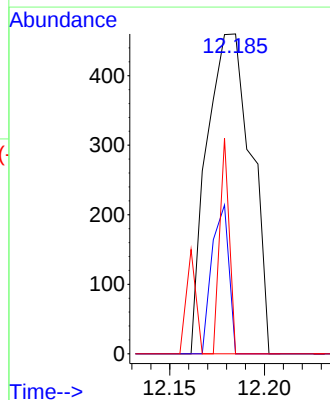
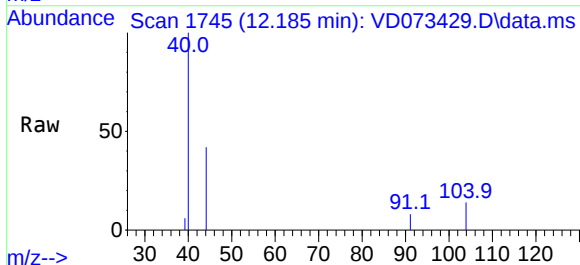
Instrument :
MSVOA_D
ClientSampleId :
MS-5

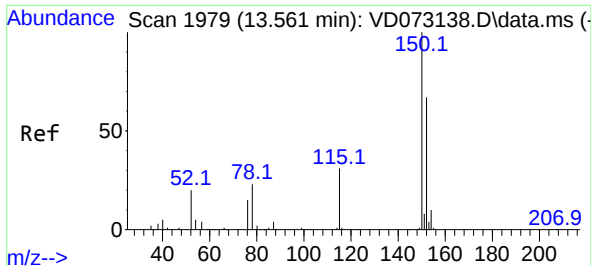
Tgt Ion:106 Resp: 540
Ion Ratio Lower Upper
106 100
91 159.4 110.4 331.2



#70
Styrene
Concen: 11.412 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion:104 Resp: 746
Ion Ratio Lower Upper
104 100
78 17.8 41.8 62.8#
103 14.6 44.2 66.4#

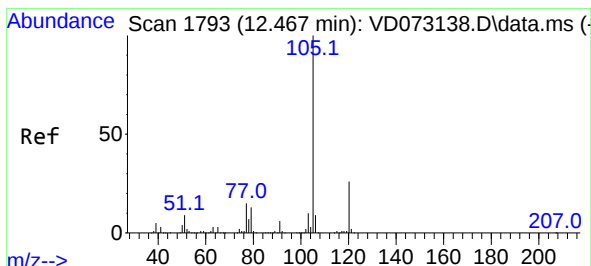
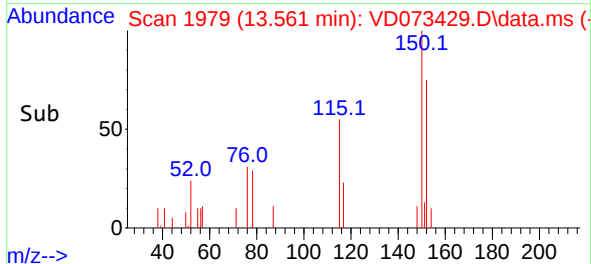
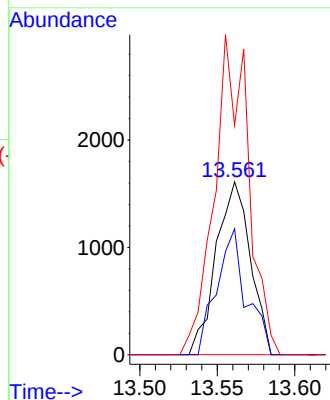
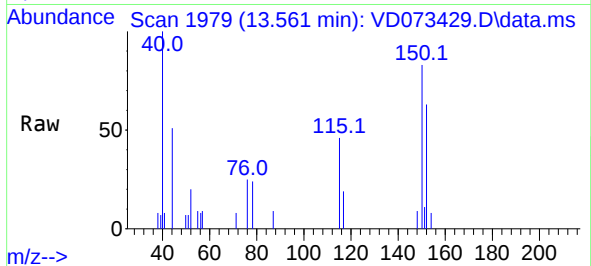




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

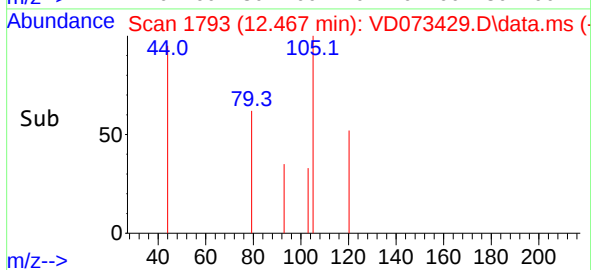
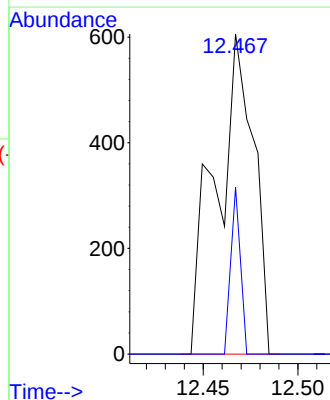
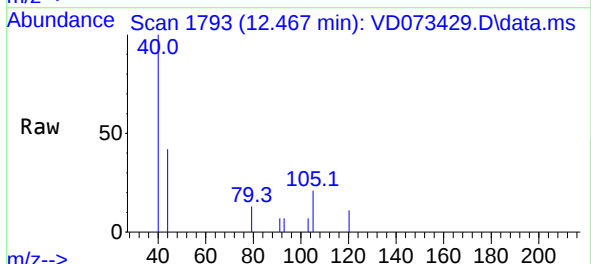
Instrument :
MSVOA_D
ClientSampleId :
MS-5

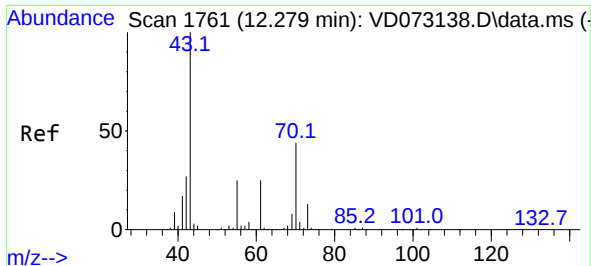
Tgt Ion:152 Resp: 2484
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 184.1 0.0 348.6



#73
Isopropylbenzene
Concen: 4.721 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion:105 Resp: 836
Ion Ratio Lower Upper
105 100
120 13.3 13.0 38.9

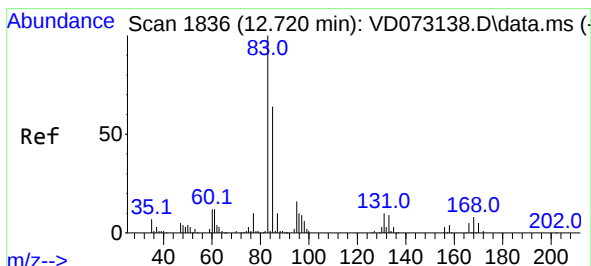
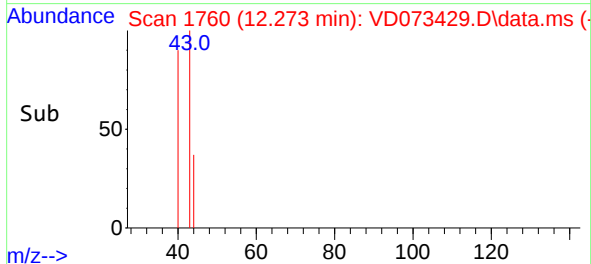
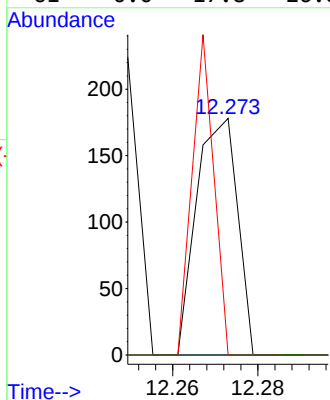
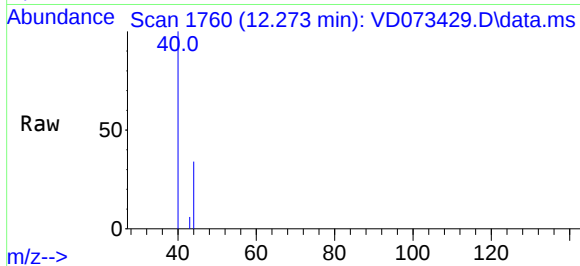




#74
N-amy1 acetate
Concen: 3.080 ug/l
RT: 12.273 min Scan# 119
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

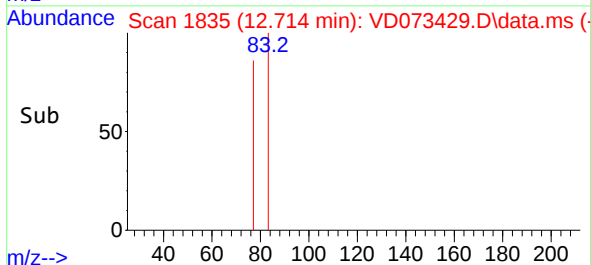
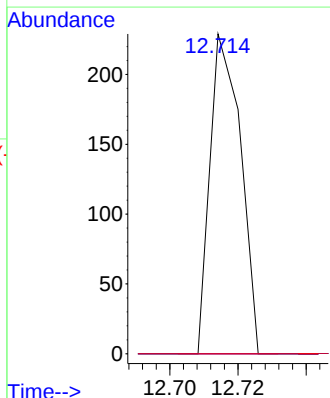
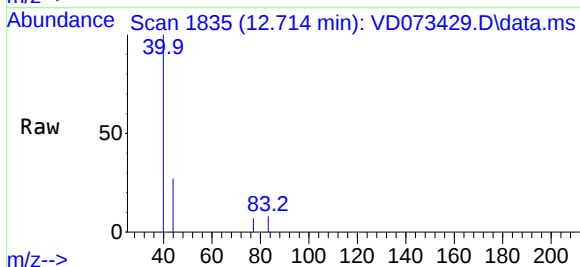
Instrument :
MSVOA_D
ClientSampleId :
MS-5

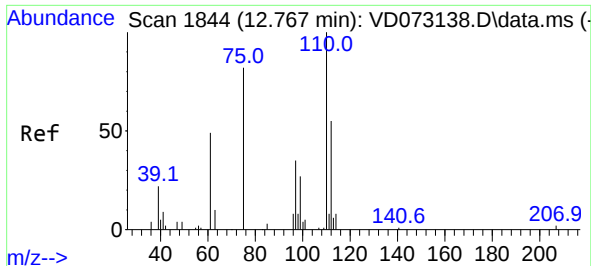
Tgt Ion: 43	Resp: 119
Ion Ratio	Lower Upper
43 100	
70 0.0	31.3 46.9#
55 71.4	20.0 30.0#
61 0.0	17.8 26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.379 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 83	Resp:	143	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.0	14.9#	
85 0.0	32.6	98.0#	

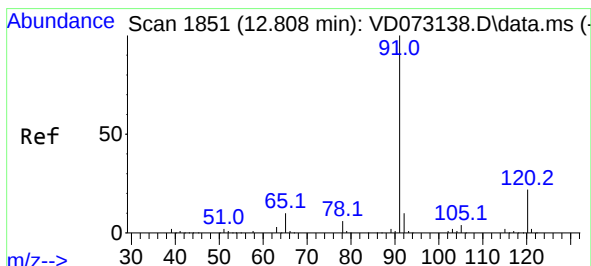
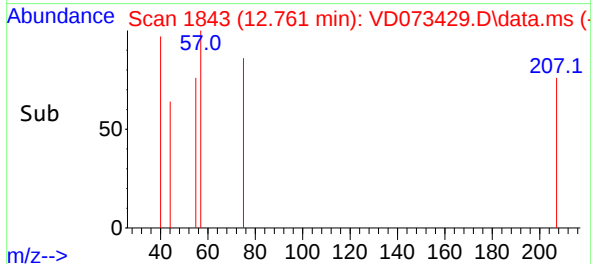
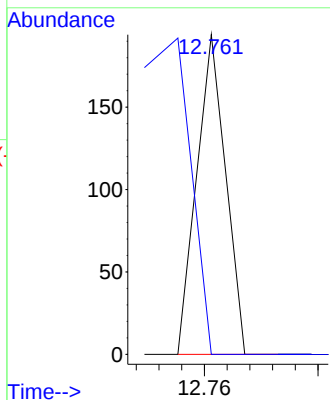
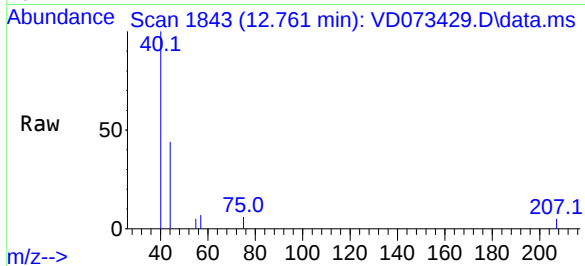




#76
1,2,3-Trichloropropane
Concen: 2.790 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

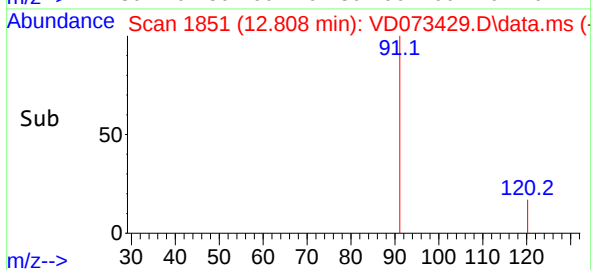
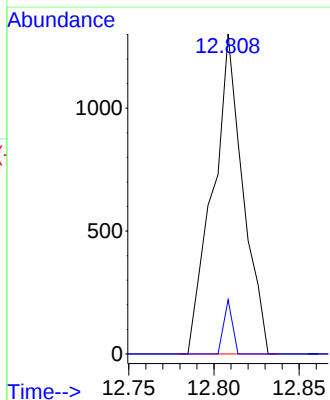
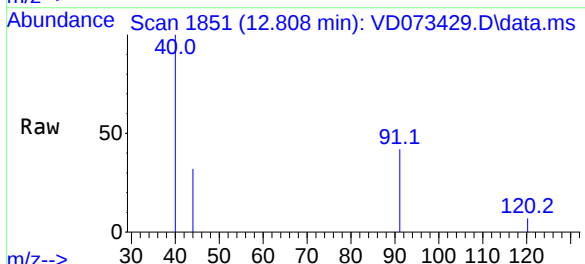
Instrument :
MSVOA_D
ClientSampleId :
MS-5

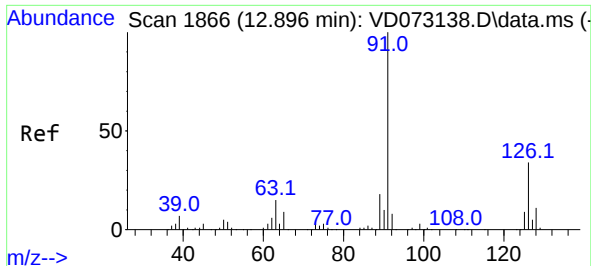
Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 7.211 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 91 Resp: 1603
Ion Ratio Lower Upper
91 100
120 4.9 10.9 32.9#

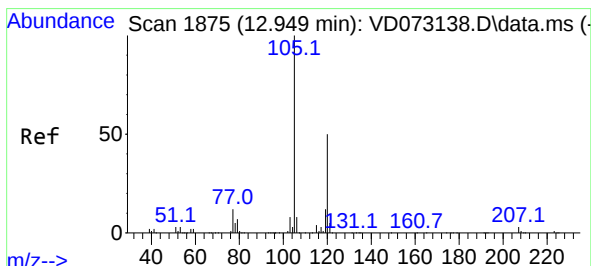
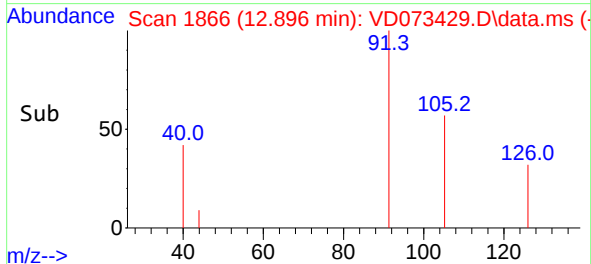
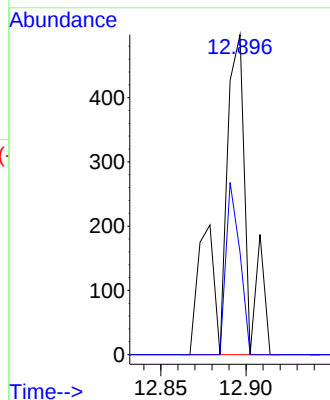
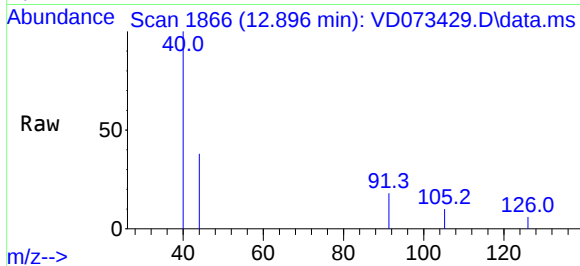




#79
 2-Chlorotoluene
 Concen: 4.098 ug/l
 RT: 12.896 min Scan# 1866
 Delta R.T. 0.000 min
 Lab File: VD073429.D
 Acq: 31 May 2022 17:11

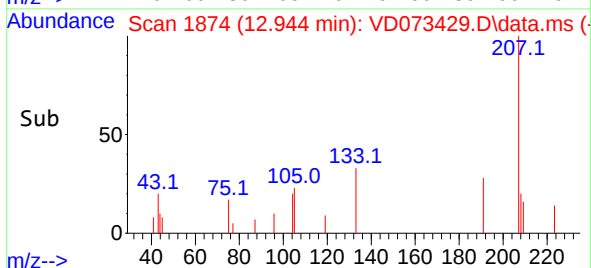
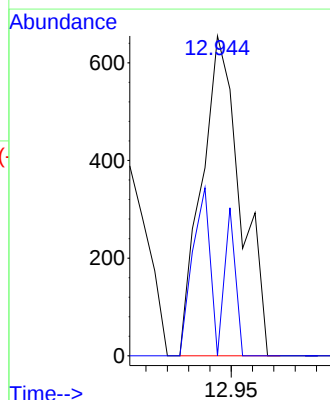
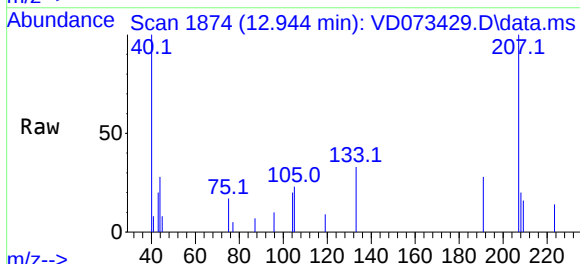
Instrument :
 MSVOA_D
 ClientSampleId :
 MS-5

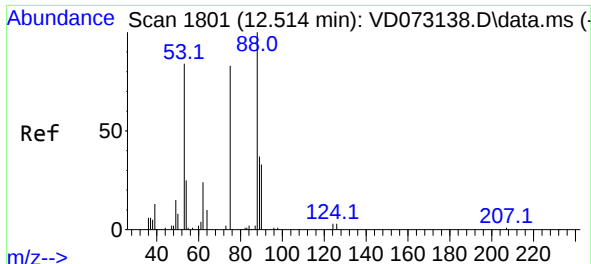
Tgt Ion: 91 Resp: 526
 Ion Ratio Lower Upper
 91 100
 126 28.7 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 5.546 ug/l
 RT: 12.944 min Scan# 1874
 Delta R.T. -0.005 min
 Lab File: VD073429.D
 Acq: 31 May 2022 17:11

Tgt Ion: 105 Resp: 832
 Ion Ratio Lower Upper
 105 100
 120 36.4 24.3 72.8

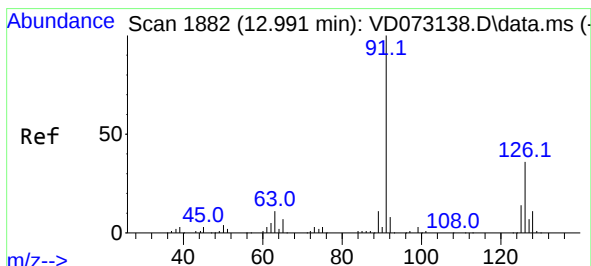
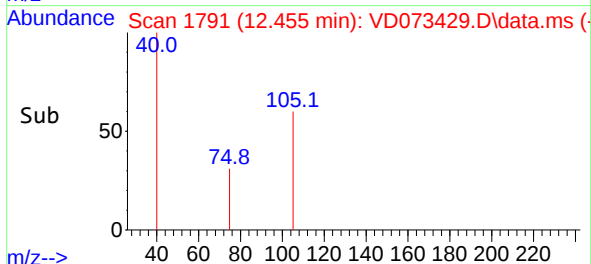
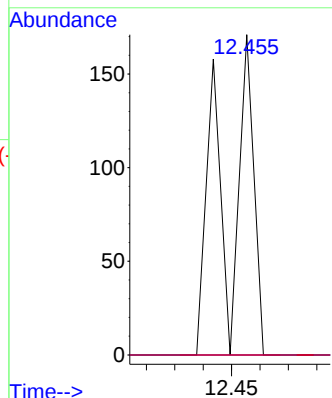
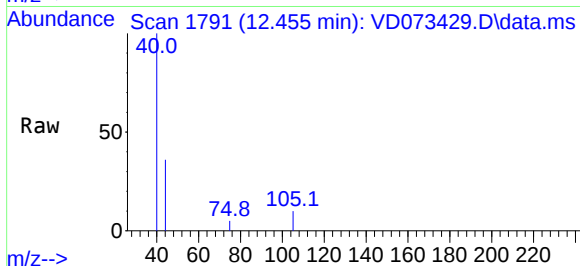




#81
trans-1,4-Dichloro-2-butene
Concen: 11.426 ug/l
RT: 12.455 min Scan# 116
Delta R.T. -0.059 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

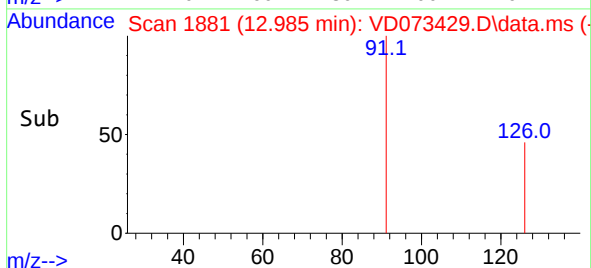
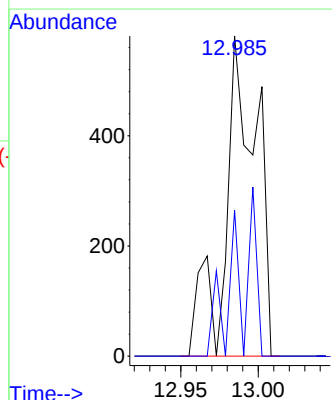
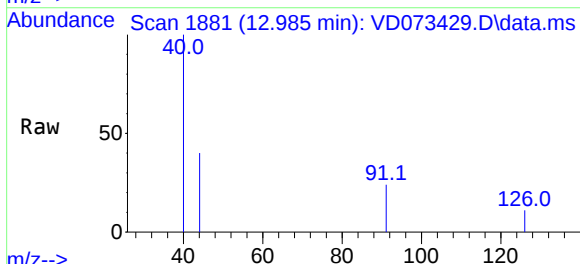
Instrument :
MSVOA_D
ClientSampleId :
MS-5

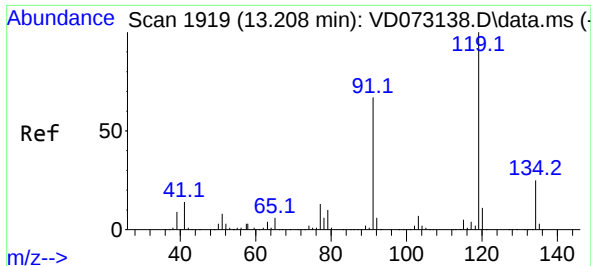
Tgt Ion: 75 Resp: 116
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#82
4-Chlorotoluene
Concen: 6.095 ug/l
RT: 12.985 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion: 91 Resp: 820
Ion Ratio Lower Upper
91 100
126 18.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 3.686 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

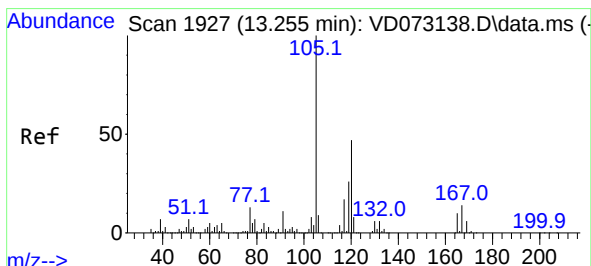
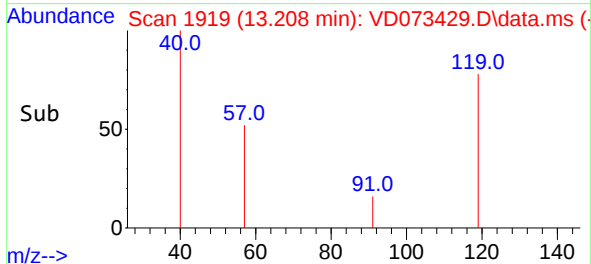
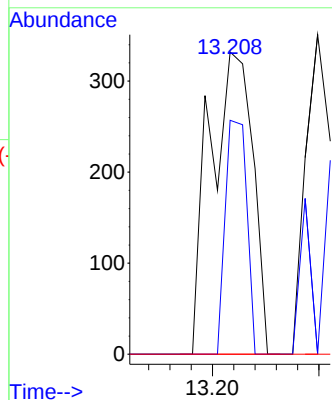
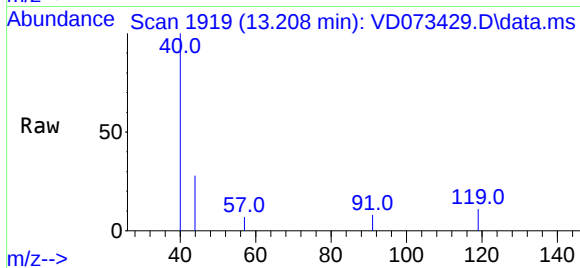
Instrument :

MSVOA_D

ClientSampleId :

MS-5

Tgt Ion:	119	Resp:	466
Ion	Ratio	Lower	Upper
119	100		
91	38.6	34.8	104.5
134	0.0	13.3	39.9



#84

1,2,4-Trimethylbenzene

Concen: 12.835 ug/l

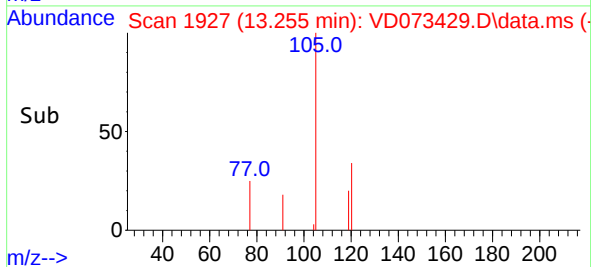
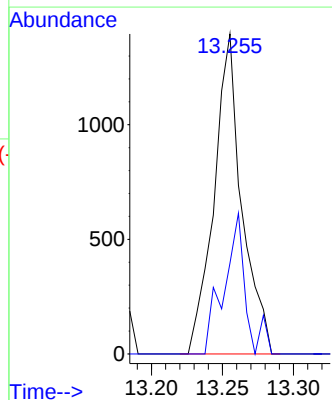
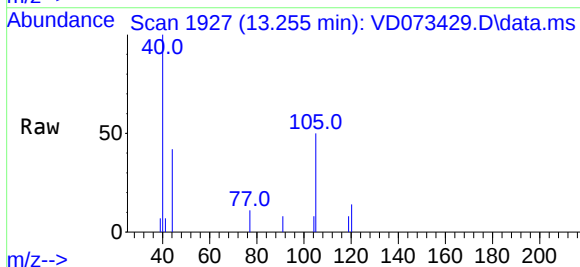
RT: 13.255 min Scan# 1927

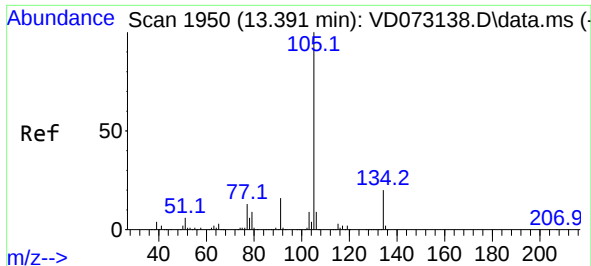
Delta R.T. 0.000 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

Tgt Ion:	105	Resp:	1902
Ion	Ratio	Lower	Upper
105	100		
120	34.3	22.3	66.8

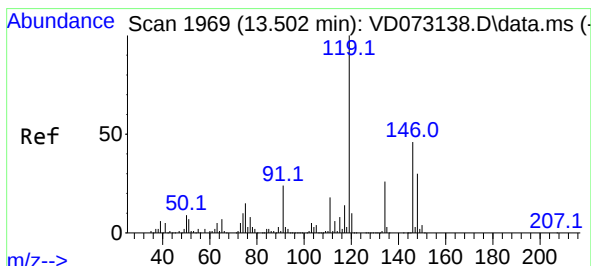
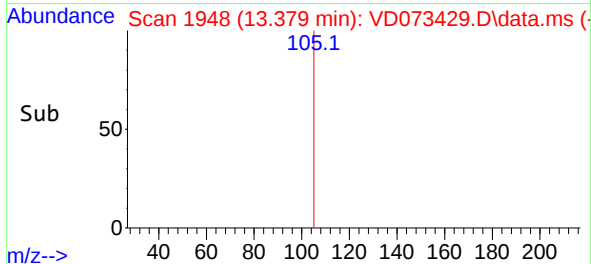
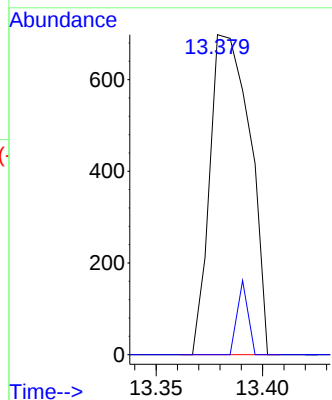
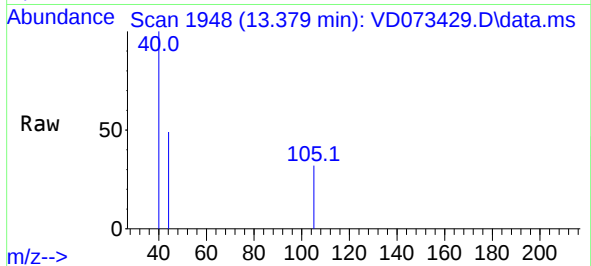




#85
 sec-Butylbenzene
 Concen: 4.740 ug/l
 RT: 13.379 min Scan# 1948
 Delta R.T. -0.012 min
 Lab File: VD073429.D
 Acq: 31 May 2022 17:11

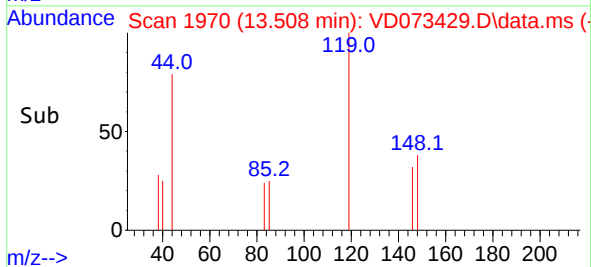
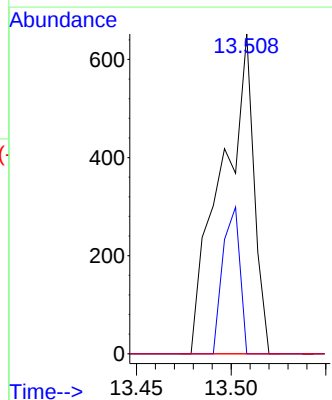
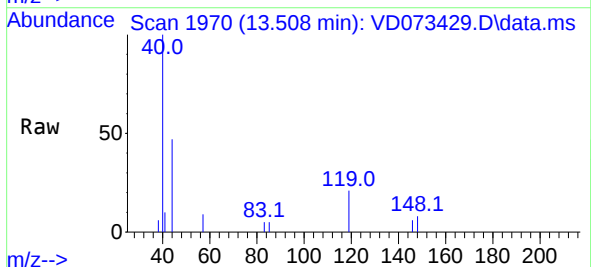
Instrument :
 MSVOA_D
 ClientSampleId :
 MS-5

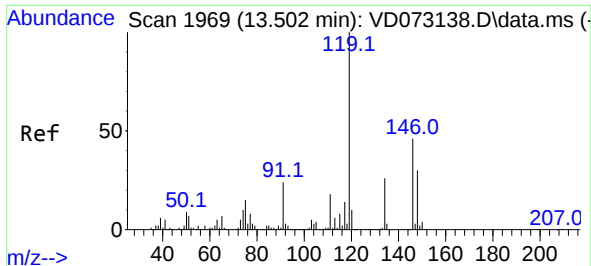
Tgt Ion:105 Resp: 915
 Ion Ratio Lower Upper
 105 100
 134 6.2 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 4.900 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD073429.D
 Acq: 31 May 2022 17:11

Tgt Ion:119 Resp: 771
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.9 38.6
 91 0.0 12.1 36.3#





#87

1,3-Dichlorobenzene

Concen: 8.724 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.083 min

Lab File: VD073429.D

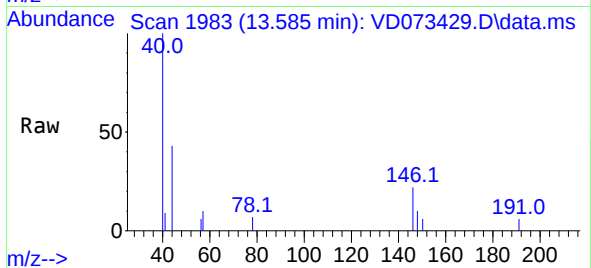
Acq: 31 May 2022 17:11

Instrument :

MSVOA_D

ClientSampleId :

MS-5



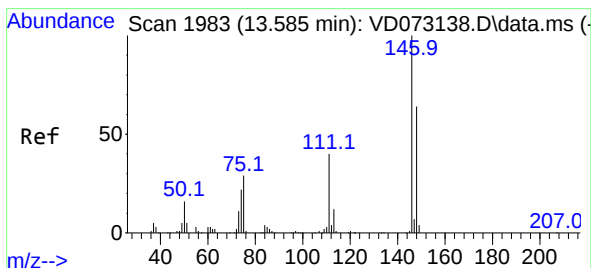
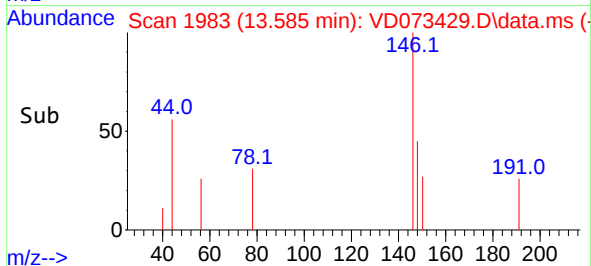
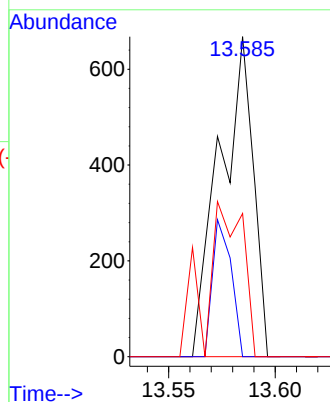
Tgt Ion:146 Resp: 733

Ion Ratio Lower Upper

146 100

111 23.7 20.4 61.3

148 53.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 8.642 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

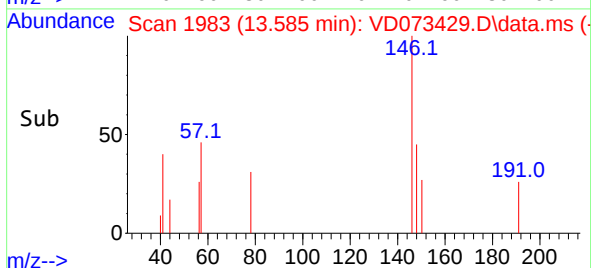
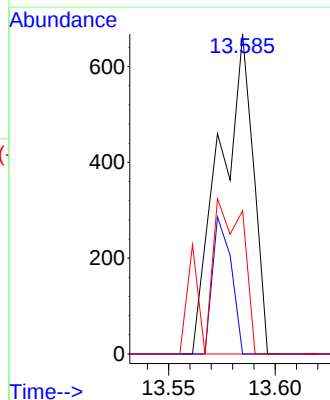
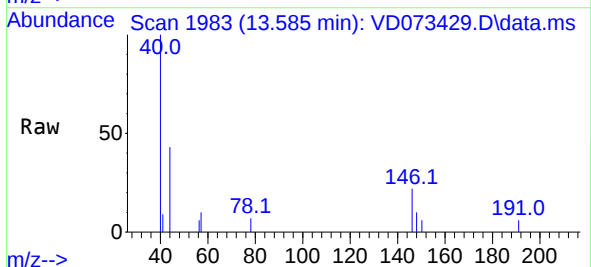
Tgt Ion:146 Resp: 733

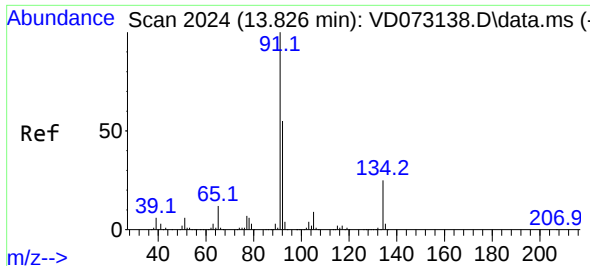
Ion Ratio Lower Upper

146 100

111 23.7 20.3 60.9

148 53.1 31.7 95.1

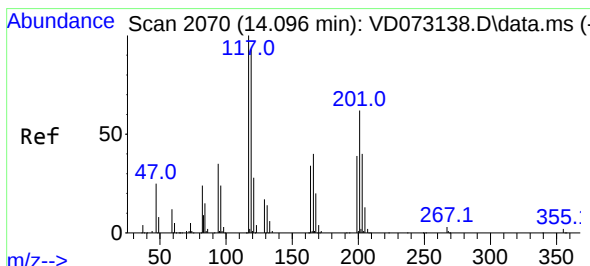
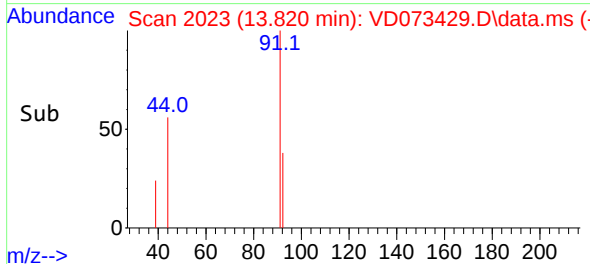
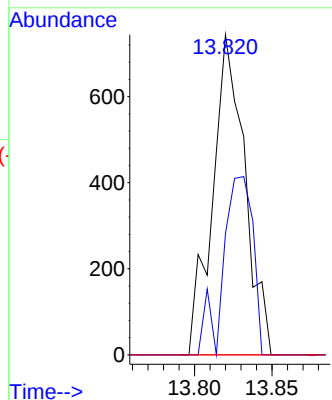
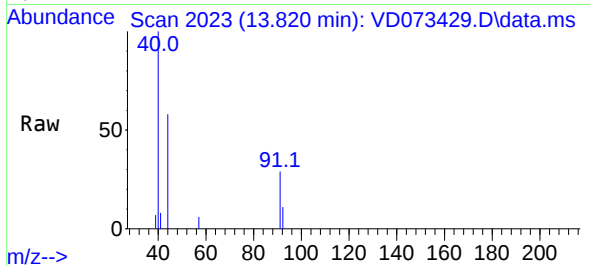




#89
n-Butylbenzene
Concen: 7.196 ug/l
RT: 13.820 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

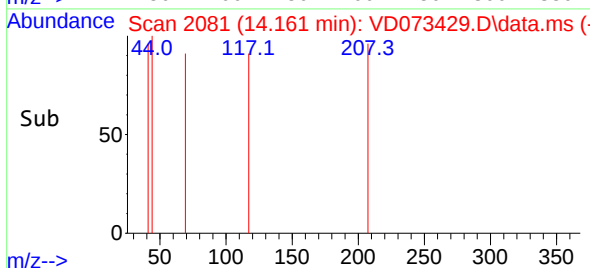
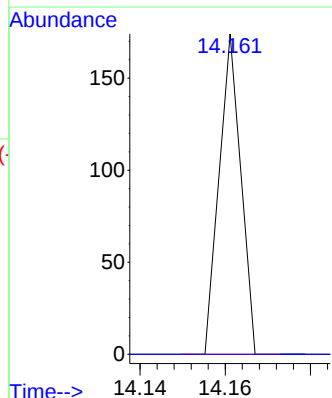
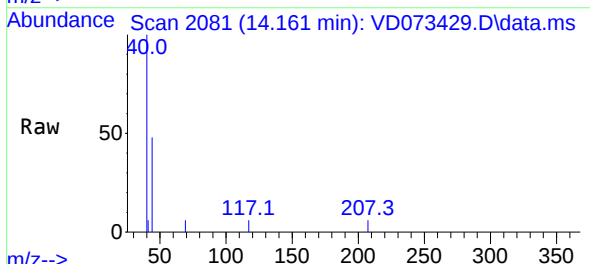
Instrument : MSVOA_D
ClientSampleId : MS-5

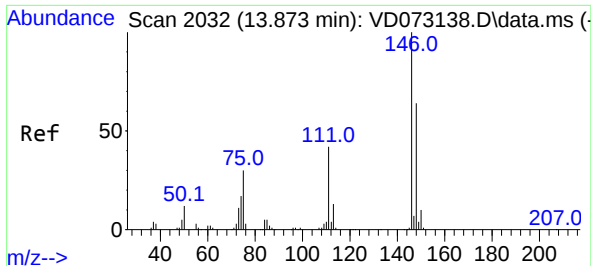
Tgt Ion:	91	Resp:	1079
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.6	79.8
134	0.0	12.3	36.9#



#90
Hexachloroethane
Concen: 1.873 ug/l
RT: 14.161 min Scan# 2081
Delta R.T. 0.065 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion:	117	Resp:	61
Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.4	100.2#





#91

1,2-Dichlorobenzene

Concen: 5.034 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

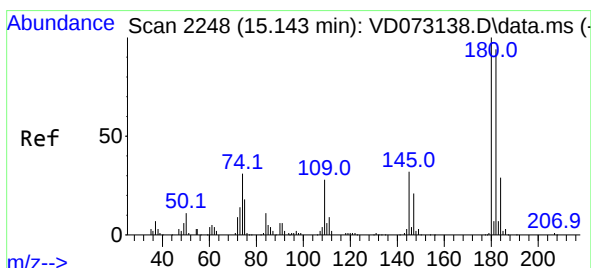
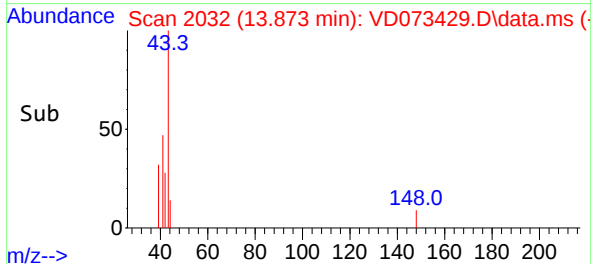
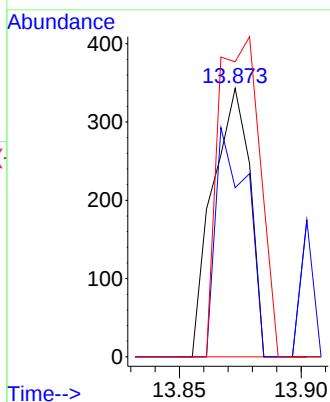
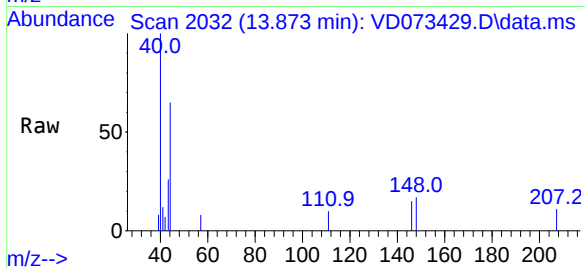
Instrument :

MSVOA_D

ClientSampleId :

MS-5

Tgt Ion:146	Resp:	366
Ion	Ratio	Lower Upper
146	100	
111	71.6	21.1 63.3#
148	132.0	31.7 95.1#



#93

1,2,4-Trichlorobenzene

Concen: 12.672 ug/l

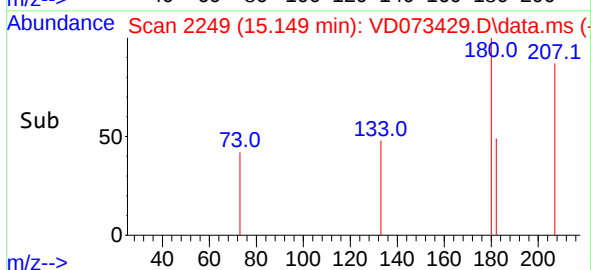
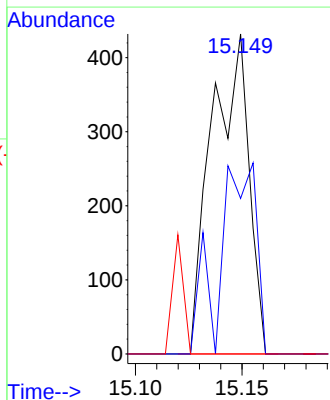
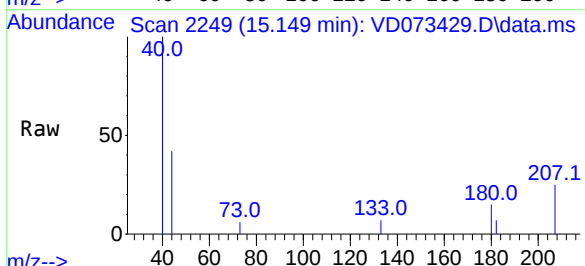
RT: 15.149 min Scan# 2249

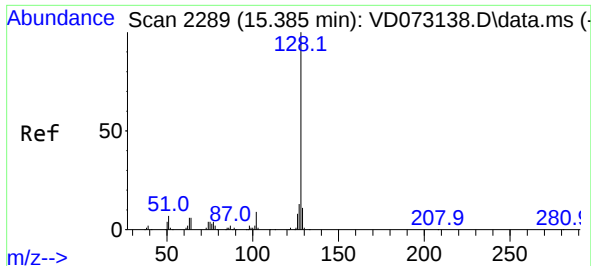
Delta R.T. 0.006 min

Lab File: VD073429.D

Acq: 31 May 2022 17:11

Tgt Ion:180	Resp:	523
Ion	Ratio	Lower Upper
180	100	
182	59.8	47.3 142.0
145	0.0	16.2 48.5#

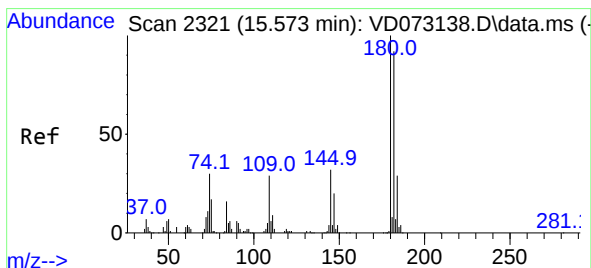
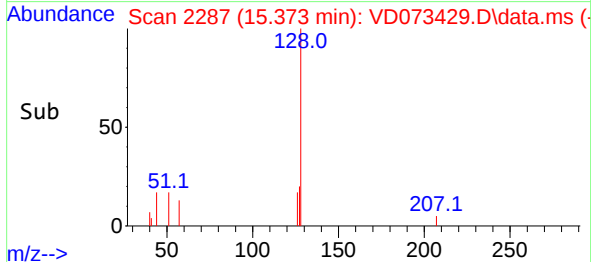
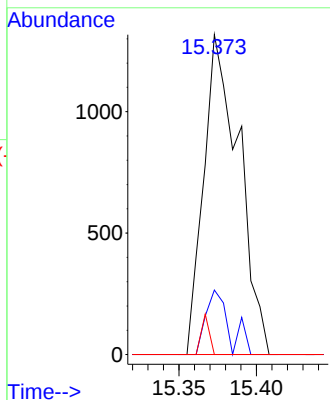
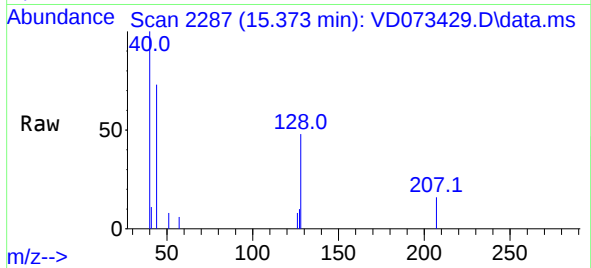




#95
Naphthalene
Concen: 27.329 ug/l
RT: 15.373 min Scan# 2181
Delta R.T. -0.012 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Instrument :
MSVOA_D
ClientSampleId :
MS-5

Tgt Ion:	128	Resp:	2081
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	2.8	8.4	12.6#



#96
1,2,3-Trichlorobenzene
Concen: 5.193 ug/l
RT: 15.555 min Scan# 2318
Delta R.T. -0.018 min
Lab File: VD073429.D
Acq: 31 May 2022 17:11

Tgt Ion:	180	Resp:	190
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.9#
145	0.0	17.1	51.3#

