

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069120.D
 Acq On : 10 May 2021 13:51
 Operator : VA/SY
 Sample : M2305-02
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1A

Quant Time: May 10 16:11:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	3406	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	6125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	5873	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	2050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2937	66.91	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	133.82%	
35) Dibromofluoromethane	7.908	113	1894	45.09	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	90.18%	
50) Toluene-d8	10.337	98	6780	43.72	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.631	95	2414	47.33	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	94.66%	
						Qvalue
3) Chloromethane	2.203	50	193	3.79	ug/l	# 39
5) Bromomethane	2.791	94	72	1.80	ug/l	# 3
7) Trichlorofluoromethane	3.279	101	125	1.69	ug/l	# 19
8) Diethyl Ether	3.702	74	82	4.56	ug/l	# 7
10) Methyl Iodide	4.320	142	76	5.16	ug/l	# 35
12) 1,1-Dichloroethene	4.097	96	100	2.80	ug/l	# 1
16) Acetone	4.161	43	124	Below	Cal	# 44
17) Carbon Disulfide	4.408	76	147	1.22	ug/l	# 74
19) Methyl tert-butyl Ether	5.255	73	100	1.23	ug/l	# 56
20) Methylene Chloride	4.973	84	209	Below	Cal	# 28
24) 1,1-Dichloroethane	6.249	63	80	1.10	ug/l	# 81
25) 2-Butanone	7.055	43	94	10.02	ug/l	# 46
26) 2,2-Dichloropropane	7.202	77	121	1.79	ug/l	# 54
29) Tetrahydrofuran	7.561	42	74	12.82	ug/l	# 28
31) Cyclohexane	7.985	56	211	3.31	ug/l	# 37
36) 1,1-Dichloropropene	8.126	75	170	2.64	ug/l	# 42
37) Ethyl Acetate	7.426	43	74	3.05	ug/l	# 69
38) Carbon Tetrachloride	7.996	117	85	1.22	ug/l	# 13
39) Methylcyclohexane	9.337	83	139	1.97	ug/l	# 20
44) Trichloroethene	9.114	130	173	3.65	ug/l	1
48) Methyl methacrylate	9.349	41	61	2.72	ug/l	# 8
51) 4-Methyl-2-Pentanone	10.179	43	57	2.44	ug/l	# 34
52) Toluene	10.408	92	300	2.65	ug/l	# 58
59) 2-Hexanone	10.979	43	68	4.32	ug/l	# 23
64) Tetrachloroethene	10.879	164	60	1.59	ug/l	# 41
65) Chlorobenzene	11.667	112	242	2.02	ug/l	# 42
67) Ethyl Benzene	11.743	91	514	2.42	ug/l	# 43
68) m/p-Xylenes	11.849	106	95	1.19	ug/l	# 1
73) Isopropylbenzene	12.478	105	207	1.46	ug/l	# 49
74) N-amyl acetate	12.249	43	57	1.91	ug/l	# 40
75) 1,1,2,2-Tetrachloroethane	12.726	83	85	3.06	ug/l	# 27
76) 1,2,3-Trichloropropane	12.684	75	62	3.47	ug/l	# 100
78) n-propylbenzene	12.826	91	697	4.00	ug/l	# 70
79) 2-Chlorotoluene	12.914	91	612	6.30	ug/l	# 41
80) 1,3,5-Trimethylbenzene	12.955	105	154	1.27	ug/l	# 29
81) trans-1,4-Dichloro-2-b...	12.626	75	1177	143.51	ug/l	# 9

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

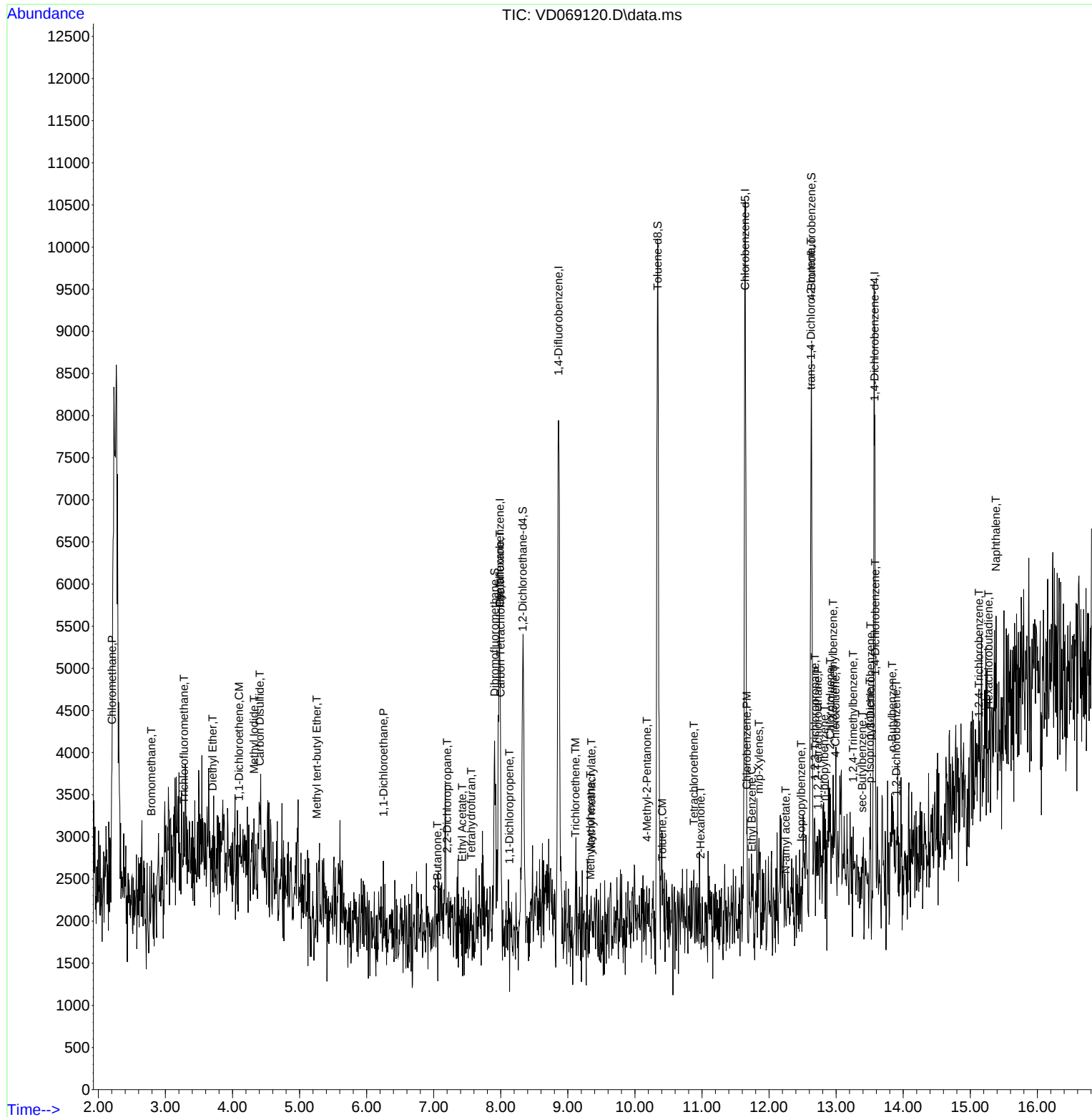
82) 4-Chlorotoluene	12.990	91	426	4.09	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.255	105	339	2.81	ug/l	67
85) sec-Butylbenzene	13.390	105	438	3.07	ug/l #	57
86) p-Isopropyltoluene	13.502	119	134	1.02	ug/l #	45
87) 1,3-Dichlorobenzene	13.514	146	261	3.96	ug/l #	25
88) 1,4-Dichlorobenzene	13.584	146	91	1.40	ug/l #	73
89) n-Butylbenzene	13.837	91	421	3.37	ug/l #	83
91) 1,2-Dichlorobenzene	13.896	146	127	2.22	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.131	180	55	1.62	ug/l #	12
94) Hexachlorobutadiene	15.272	225	59	3.00	ug/l #	19
95) Naphthalene	15.384	128	463	9.09	ug/l #	87

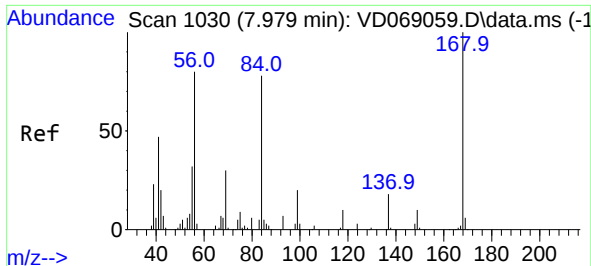
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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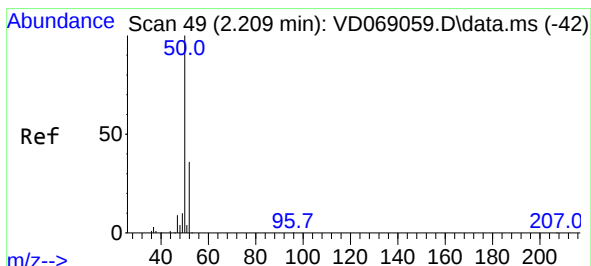
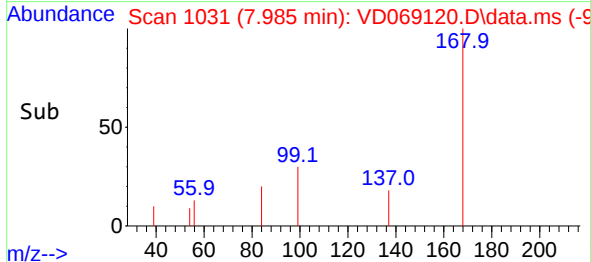
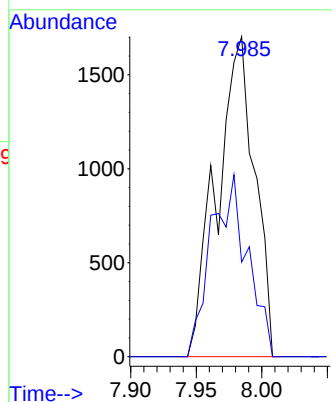
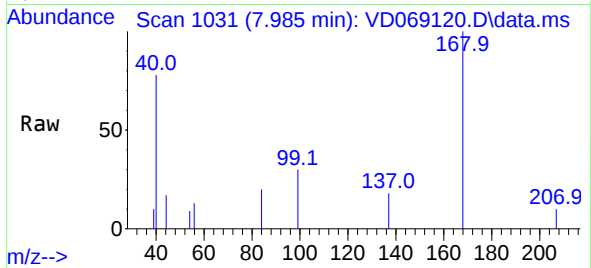




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

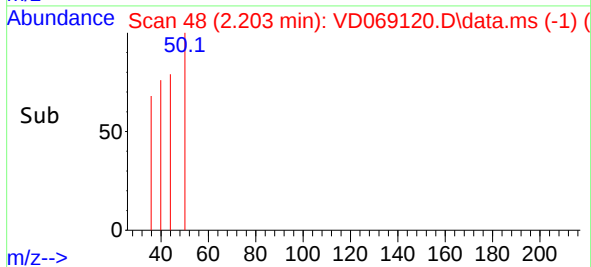
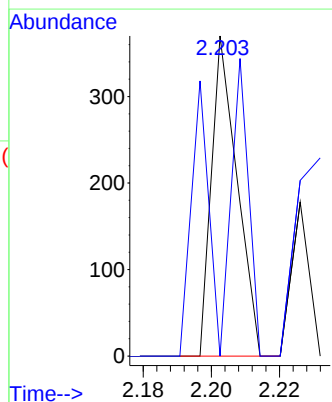
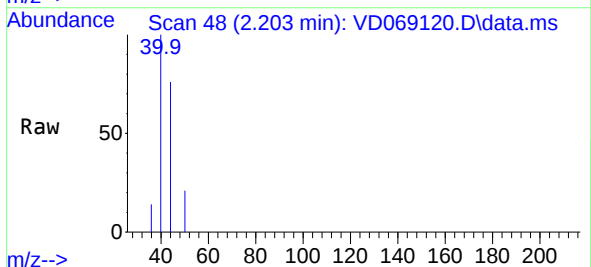
Instrument :
MSVOA_D
ClientSampled :
P-1A

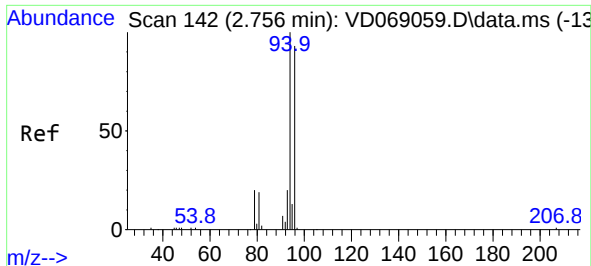
Tgt Ion:168 Resp: 3406
Ion Ratio Lower Upper
168 100
99 29.5 52.6 78.8#



#3
Chloromethane
Concen: 3.79 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 50 Resp: 193
Ion Ratio Lower Upper
50 100
52 0.0 28.5 42.7#

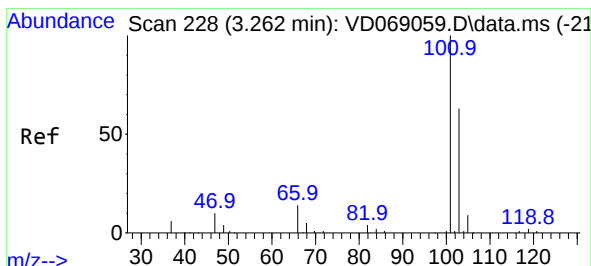
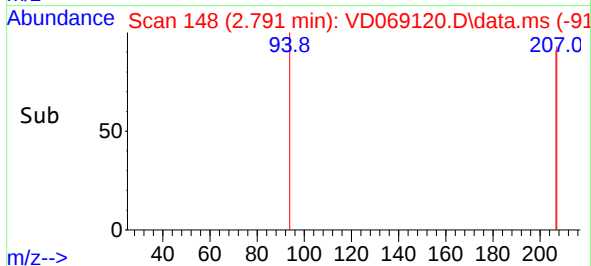
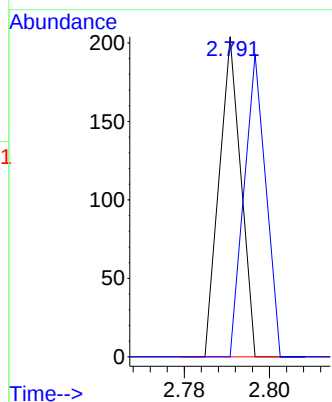
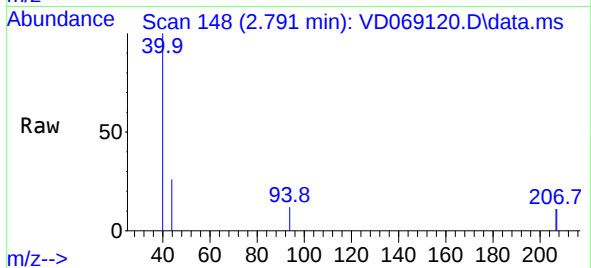




#5
Bromomethane
Concen: 1.80 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.035 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

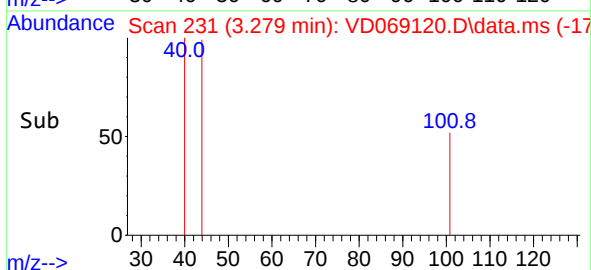
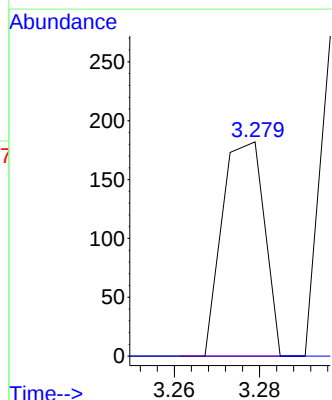
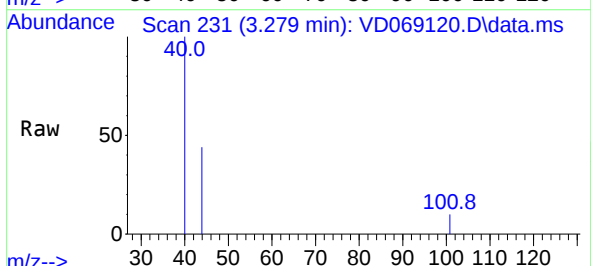
Instrument :
MSVOA_D
ClientSampled :
P-1A

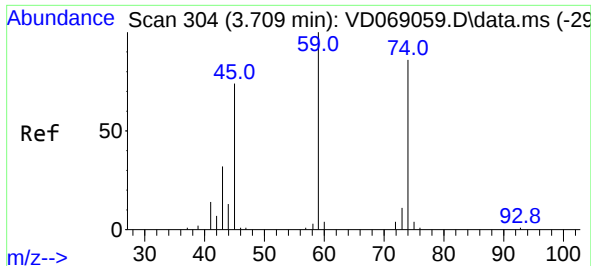
Tgt Ion: 94 Resp: 72
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#



#7
Trichlorofluoromethane
Concen: 1.69 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.017 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 101 Resp: 125
Ion Ratio Lower Upper
101 100
103 0.0 50.2 75.2#

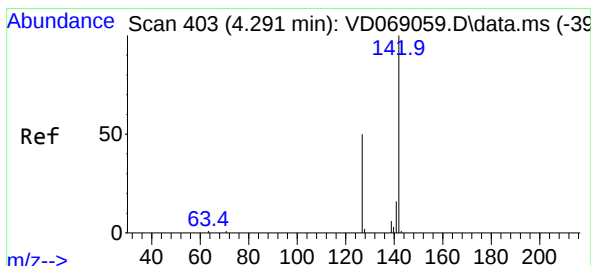
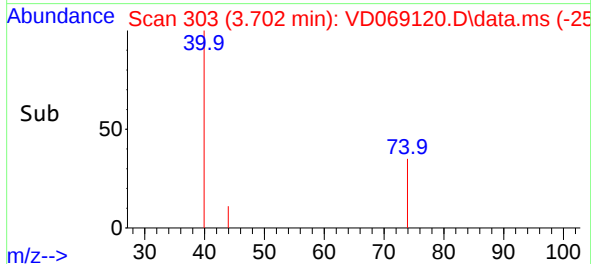
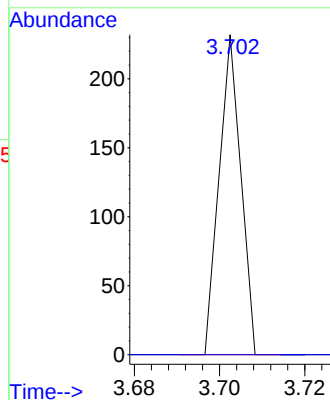
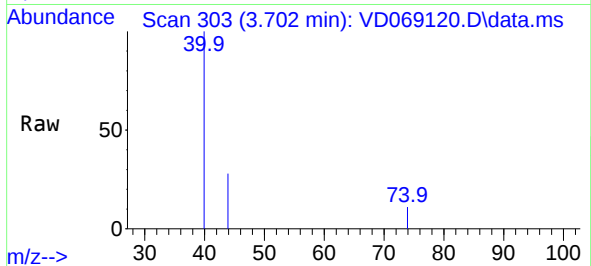




#8
Diethyl Ether
Concen: 4.56 ug/l
RT: 3.702 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

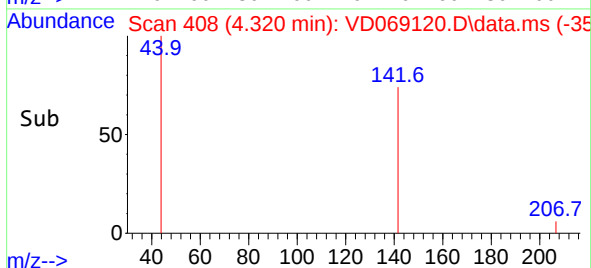
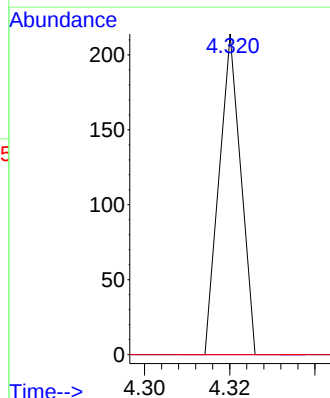
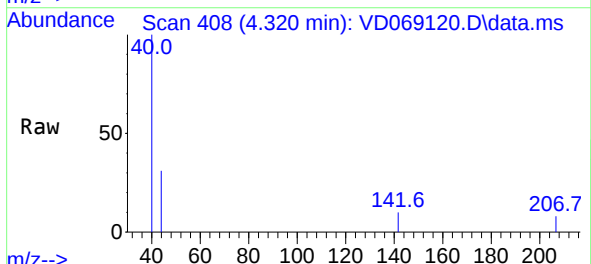
Instrument :
MSVOA_D
ClientSampleId :
P-1A

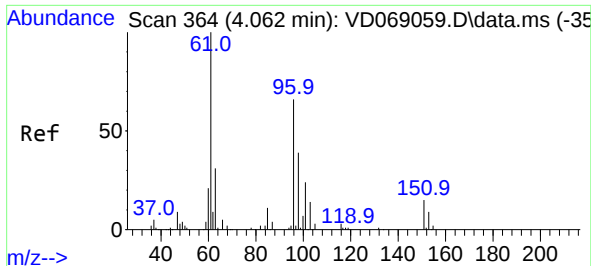
Tgt Ion: 74 Resp: 82
Ion Ratio Lower Upper
74 100
45 0.0 42.9 128.5#



#10
Methyl Iodide
Concen: 5.16 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.029 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion:142 Resp: 76
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 12.2 18.4#

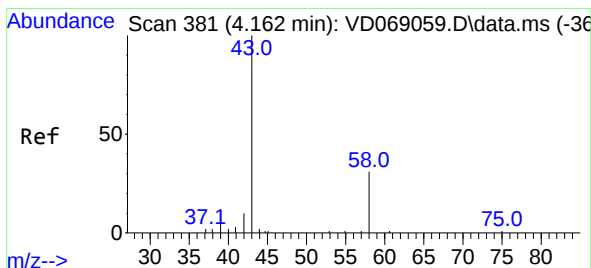
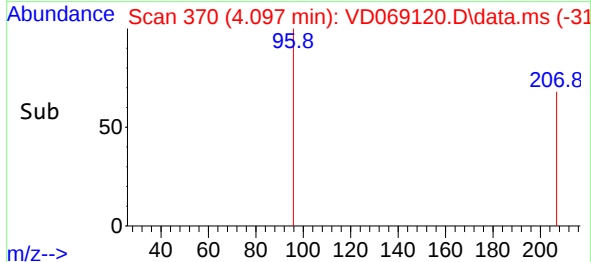
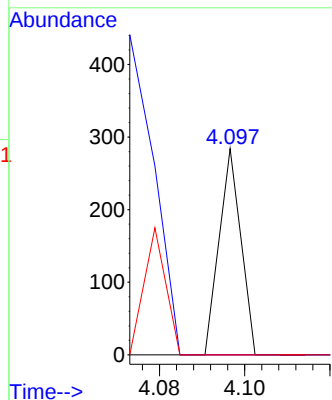
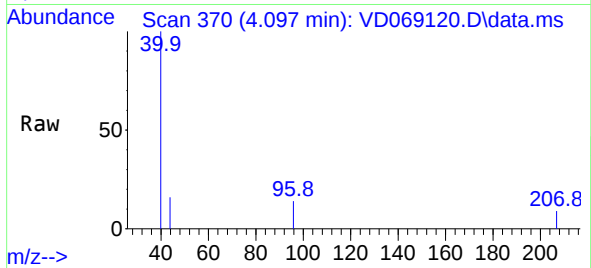




#12
1,1-Dichloroethene
Concen: 2.80 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.035 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

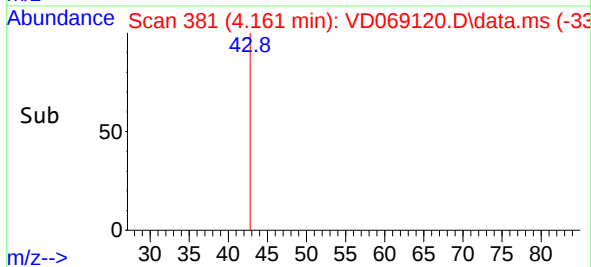
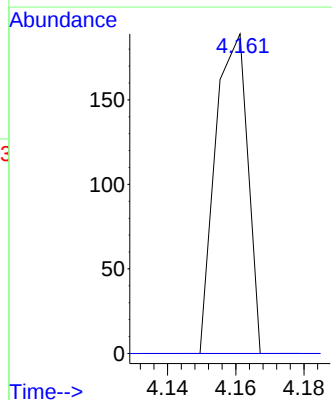
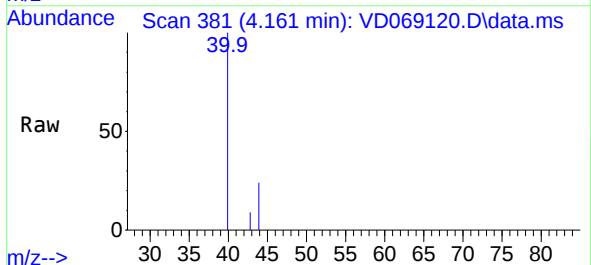
Instrument :
MSVOA_D
ClientSampleId :
P-1A

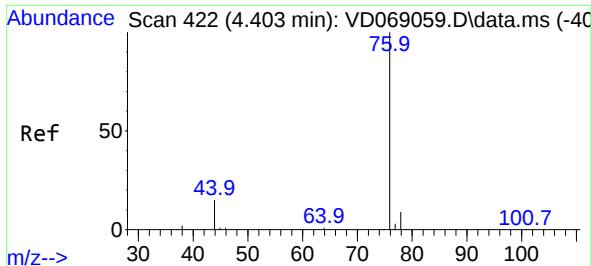
Tgt Ion: 96 Resp: 100
Ion Ratio Lower Upper
96 100
61 0.0 121.8 182.8#
98 0.0 47.3 70.9#



#16
Acetone
Concen: Below Cal
RT: 4.161 min Scan# 381
Delta R.T. -0.001 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#

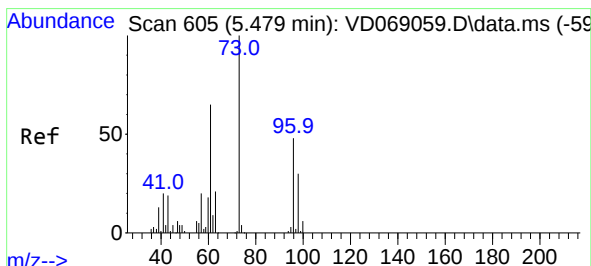
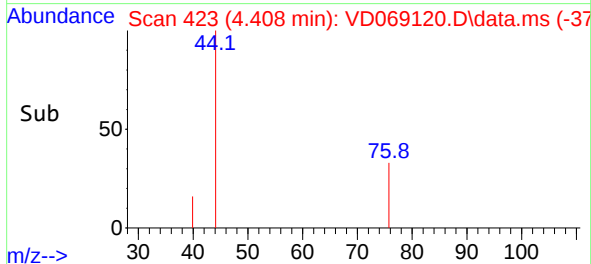
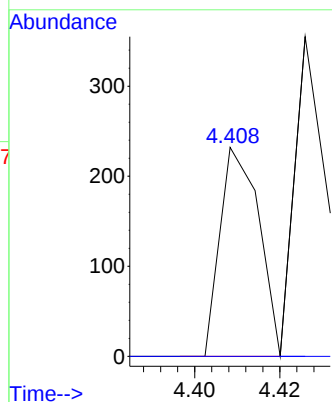
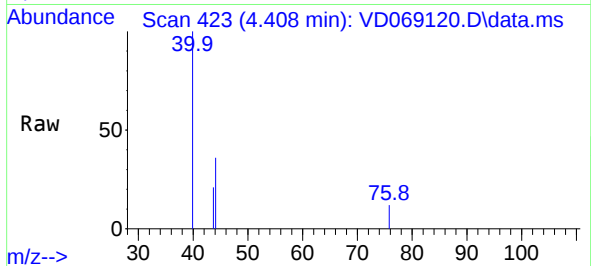




#17
Carbon Disulfide
Concen: 1.22 ug/l
RT: 4.408 min Scan# 423
Delta R.T. 0.005 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

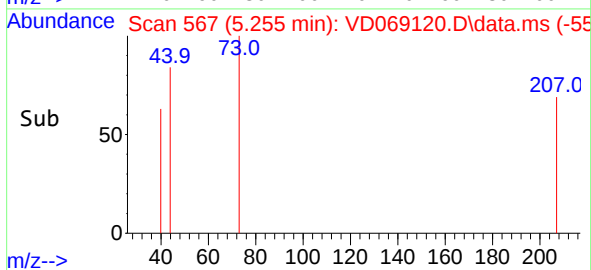
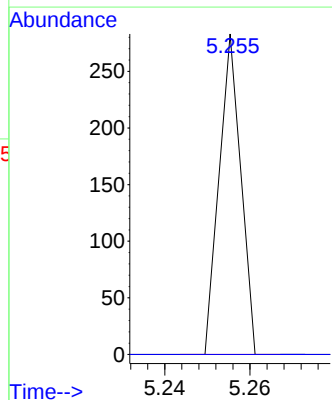
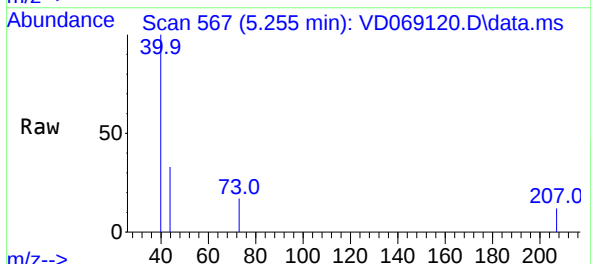
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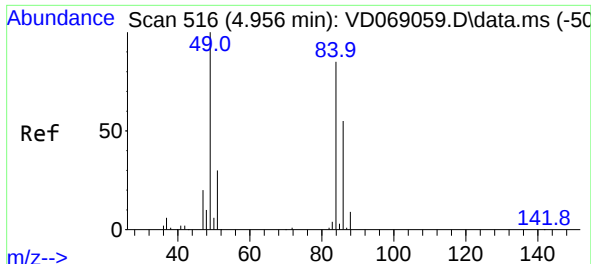
Tgt Ion: 76 Resp: 147
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#19
Methyl tert-butyl Ether
Concen: 1.23 ug/l
RT: 5.255 min Scan# 567
Delta R.T. -0.224 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

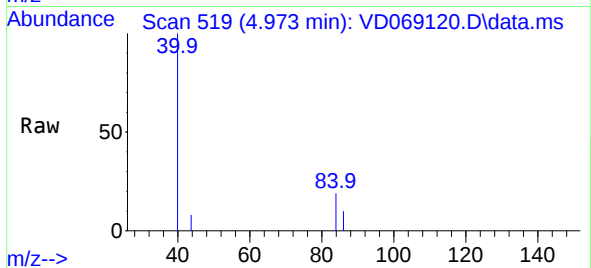
Tgt Ion: 73 Resp: 100
Ion Ratio Lower Upper
73 100
57 0.0 16.4 24.6#





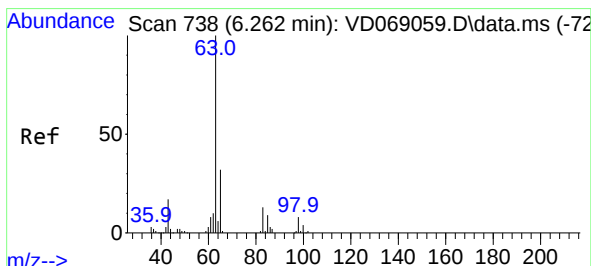
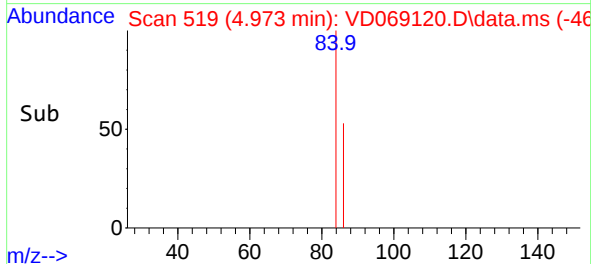
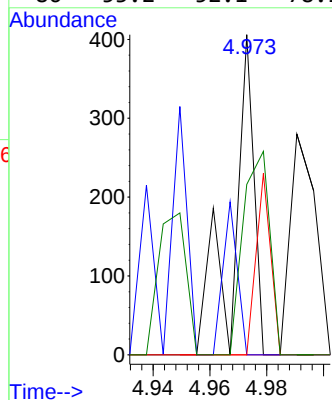
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.017 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Instrument :
MSVOA_D
ClientSampleId :
P-1A



Tgt Ion: 84 Resp: 209

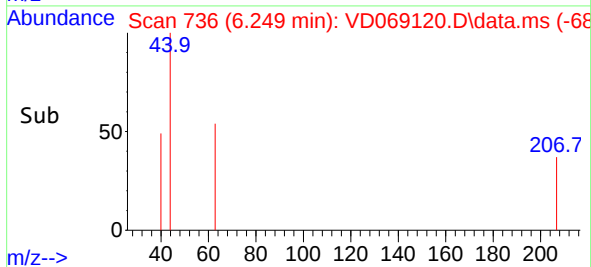
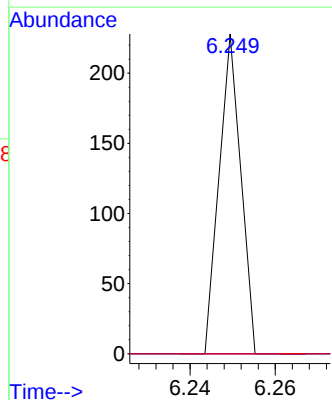
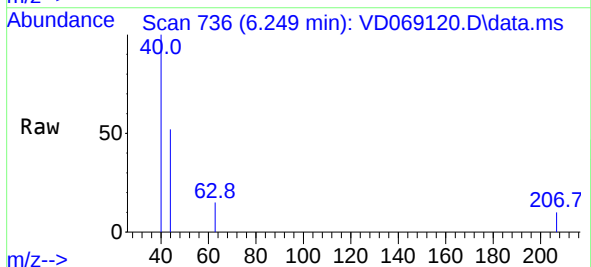
Ion	Ratio	Lower	Upper
84	100		
49	0.0	93.9	140.9#
51	0.0	27.9	41.9#
86	53.2	52.1	78.1

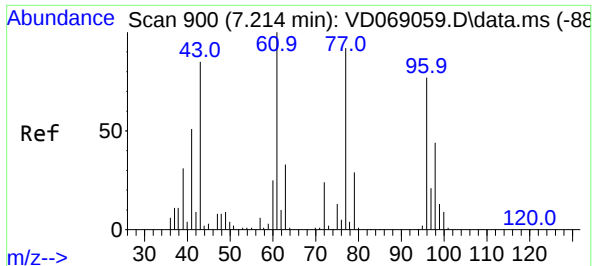


#24
1,1-Dichloroethane
Concen: 1.10 ug/l
RT: 6.249 min Scan# 736
Delta R.T. -0.012 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 63 Resp: 80

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.1	6.5#

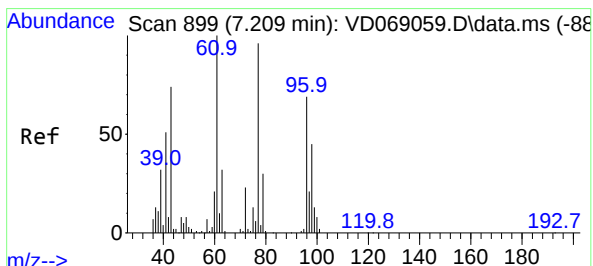
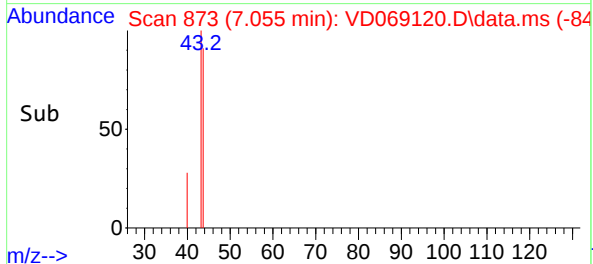
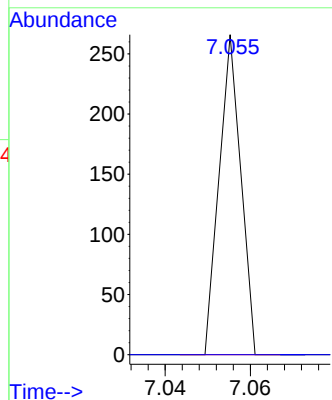
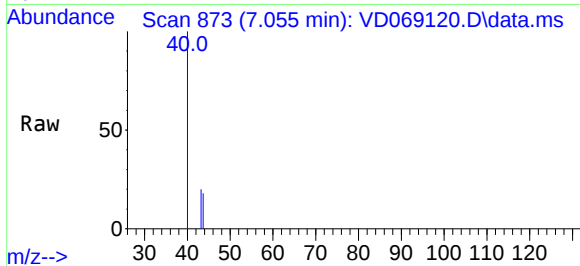




#25
2-Butanone
Concen: 10.02 ug/l
RT: 7.055 min Scan# 873
Delta R.T. -0.159 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

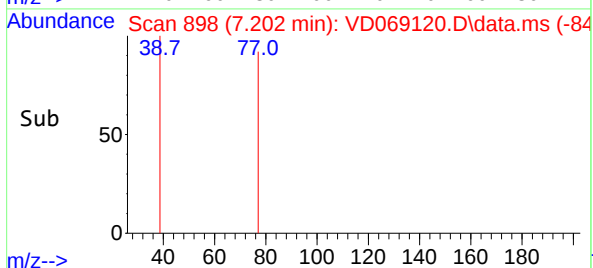
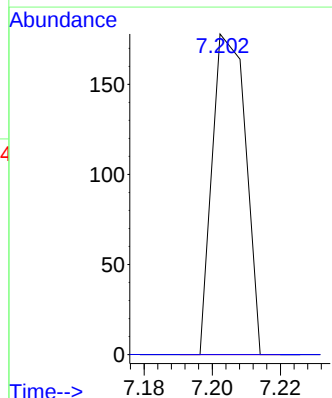
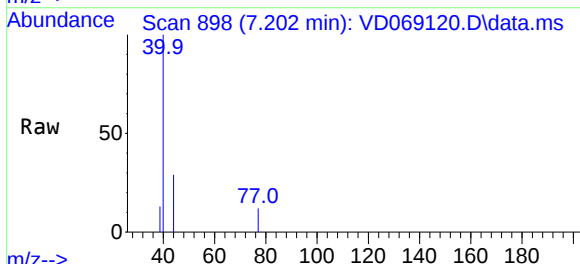
Instrument :
MSVOA_D
ClientSampled :
P-1A

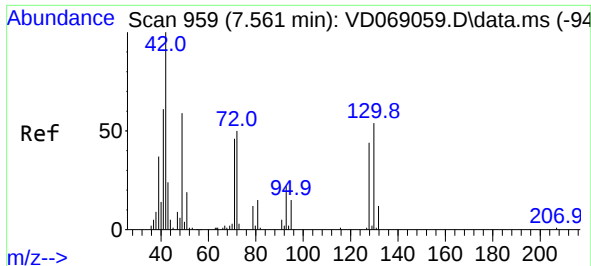
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.4#



#26
2,2-Dichloropropane
Concen: 1.79 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 77 Resp: 121
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.1#





#29

Tetrahydrofuran

Concen: 12.82 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.000 min

Lab File: VD069120.D

Acq: 10 May 2021 13:51

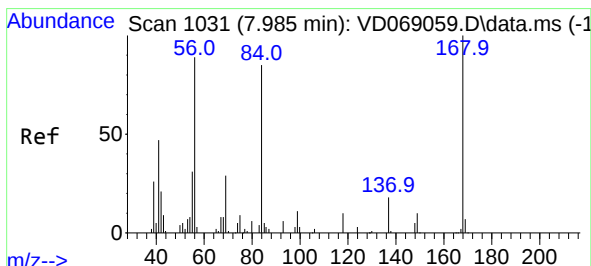
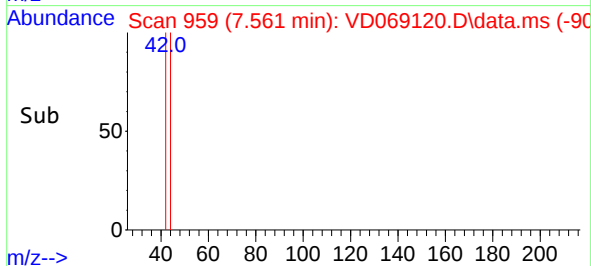
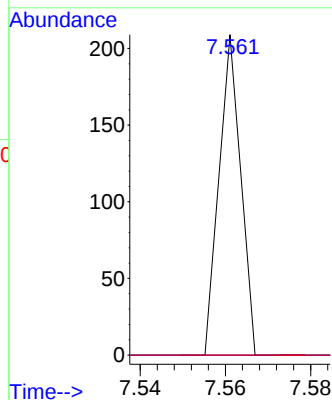
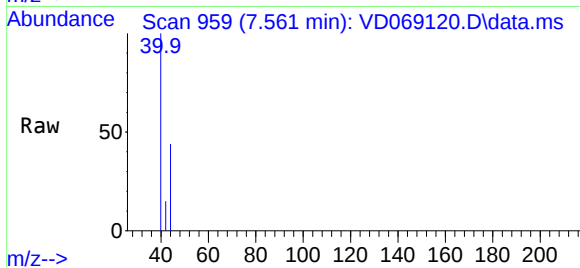
Instrument :

MSVOA_D

ClientSampled :

P-1A

Tgt Ion:	42	Resp:	74
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.4	59.0#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 3.31 ug/l

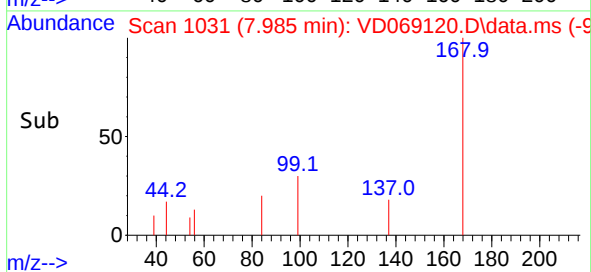
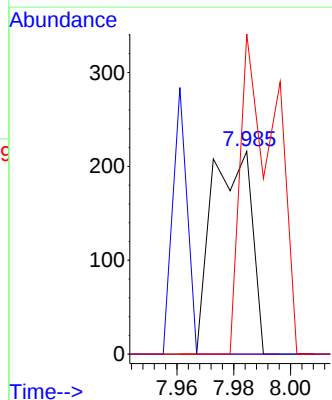
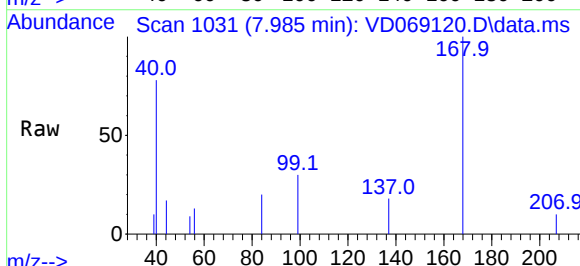
RT: 7.985 min Scan# 1031

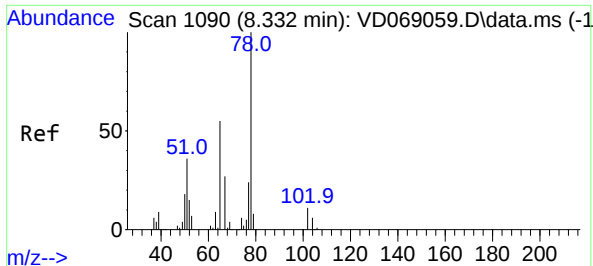
Delta R.T. -0.000 min

Lab File: VD069120.D

Acq: 10 May 2021 13:51

Tgt Ion:	56	Resp:	211
Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.3	39.5#
84	157.9	75.9	113.9#

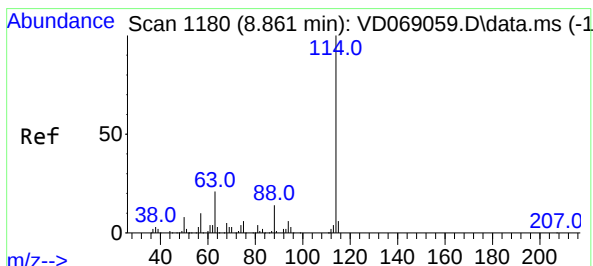
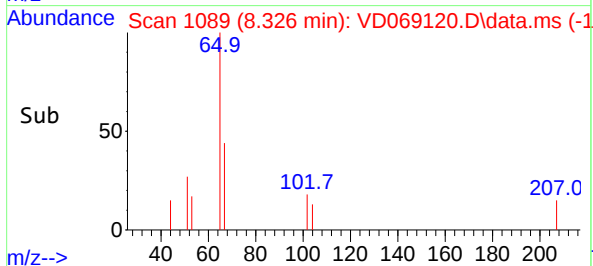
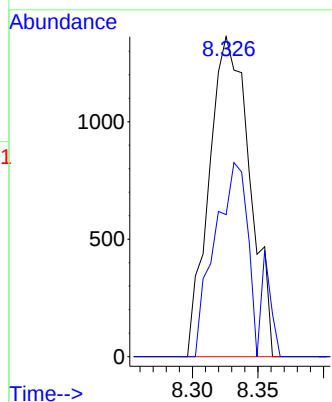
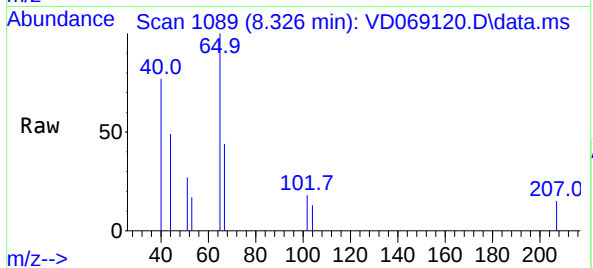




#33
1,2-Dichloroethane-d4
Concen: 66.91 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

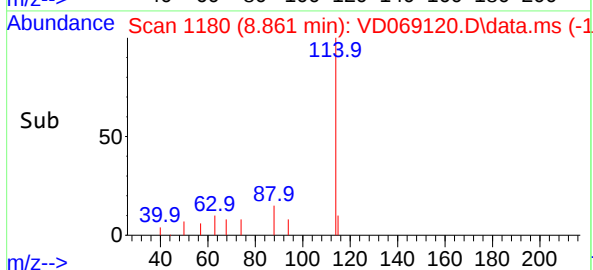
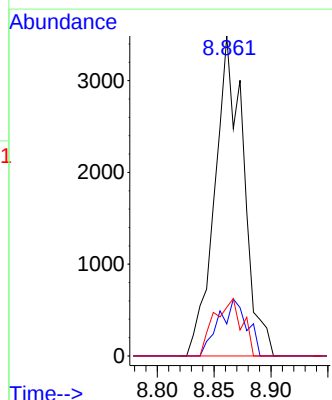
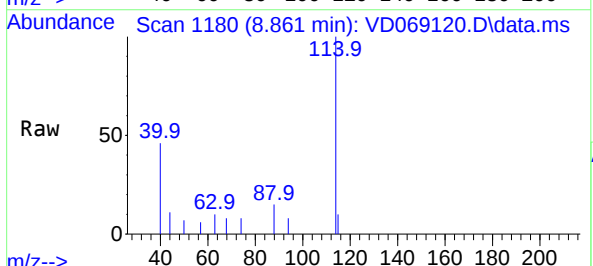
Instrument :
MSVOA_D
ClientSampleId :
P-1A

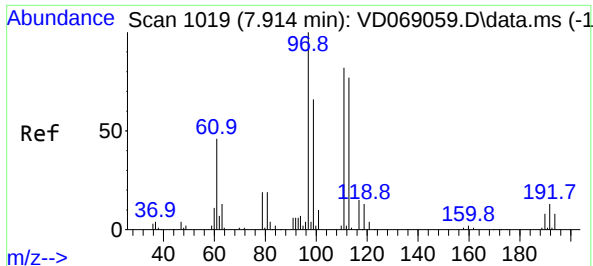
Tgt Ion: 65 Resp: 2937
Ion Ratio Lower Upper
65 100
67 48.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 114 Resp: 6125
Ion Ratio Lower Upper
114 100
63 10.0 0.0 41.4
88 15.2 0.0 27.8

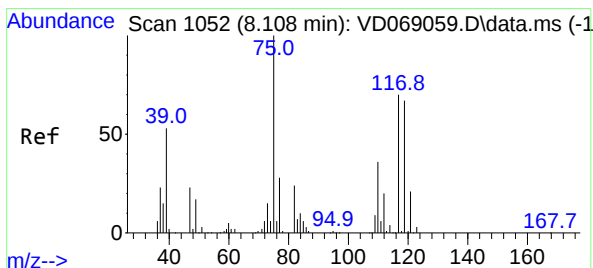
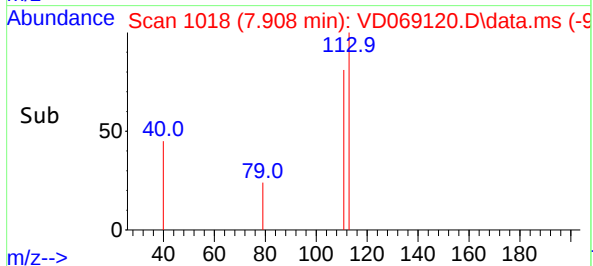
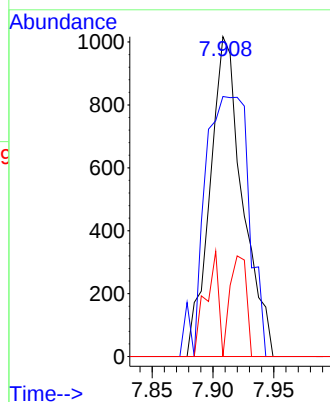
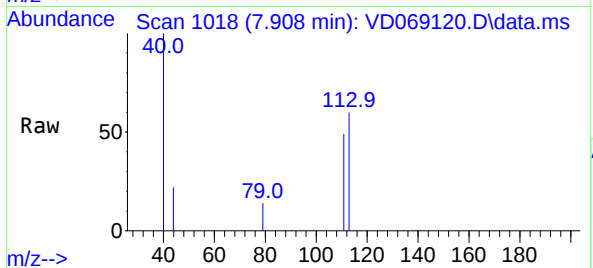




#35
Dibromofluoromethane
Concen: 45.09 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

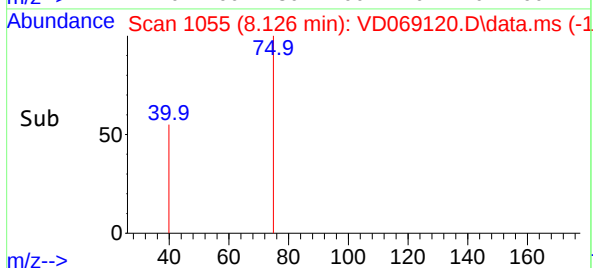
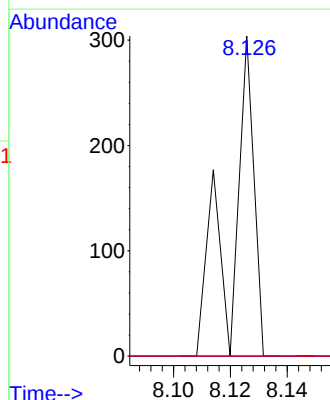
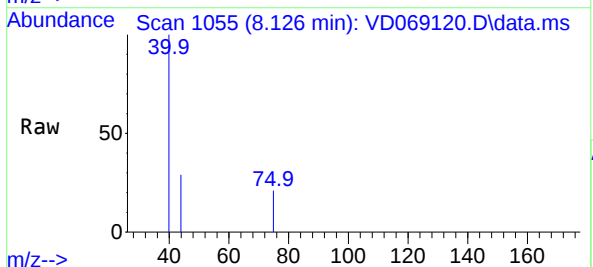
Instrument :
MSVOA_D
ClientSampled :
P-1A

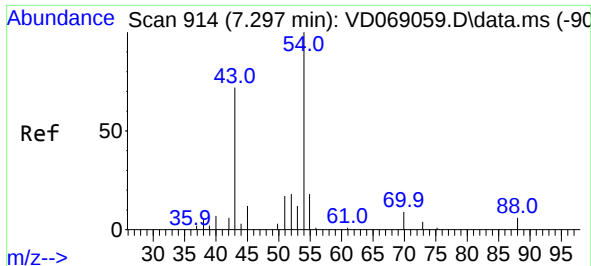
Tgt Ion:	113	Resp:	1894
Ion	Ratio	Lower	Upper
113	100		
111	110.1	84.6	126.8
192	13.1	13.5	20.3#



#36
1,1-Dichloropropene
Concen: 2.64 ug/l
RT: 8.126 min Scan# 1055
Delta R.T. 0.017 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion:	75	Resp:	170
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.3	51.7#
77	0.0	23.9	35.9#





#37

Ethyl Acetate

Concen: 3.05 ug/l

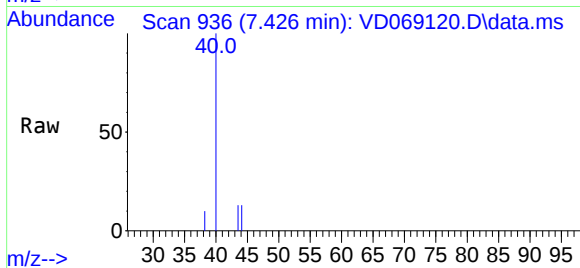
RT: 7.426 min Scan# 936

Delta R.T. 0.129 min

Lab File: VD069120.D

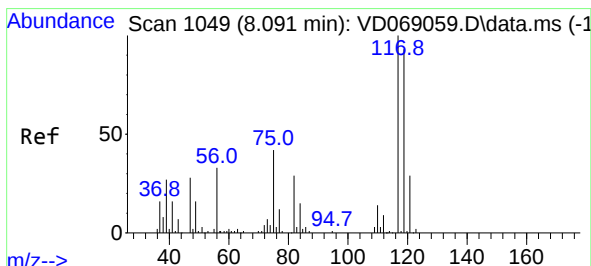
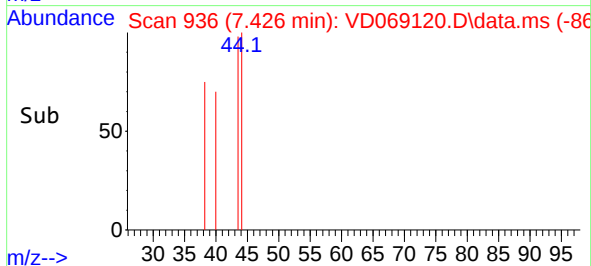
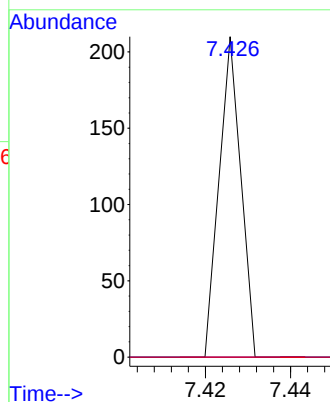
Acq: 10 May 2021 13:51

Instrument :
MSVOA_D
ClientSampleId :
P-1A



Tgt Ion: 43 Resp: 74

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	8.5	12.7#



#38

Carbon Tetrachloride

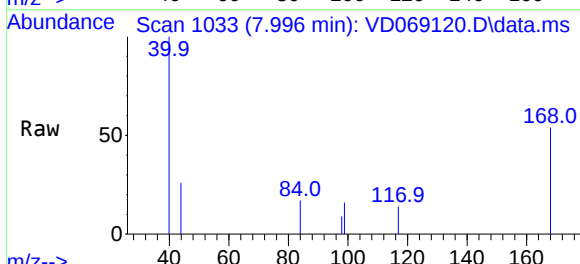
Concen: 1.22 ug/l

RT: 7.996 min Scan# 1033

Delta R.T. -0.094 min

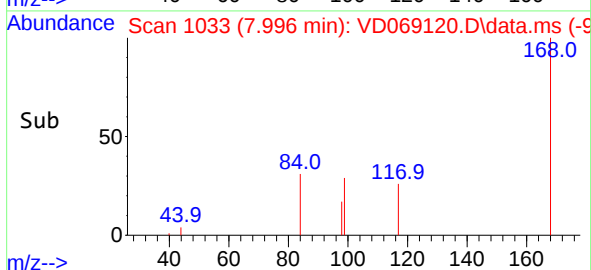
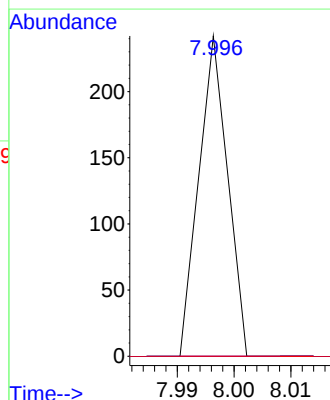
Lab File: VD069120.D

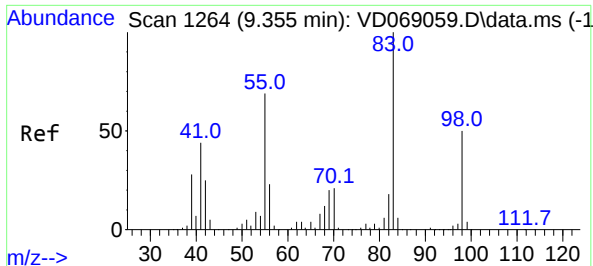
Acq: 10 May 2021 13:51



Tgt Ion: 117 Resp: 85

Ion	Ratio	Lower	Upper
117	100		
119	0.0	74.7	112.1#
121	0.0	23.1	34.7#





#39

Methylcyclohexane

Concen: 1.97 ug/l

RT: 9.337 min Scan# 1261

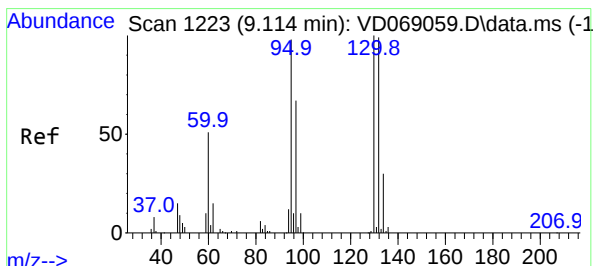
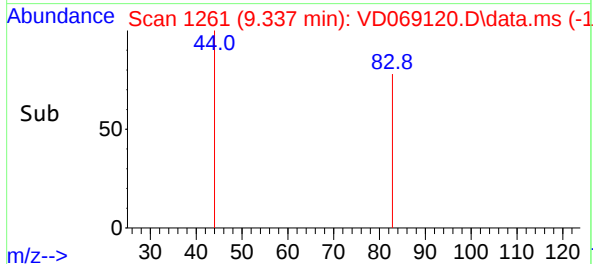
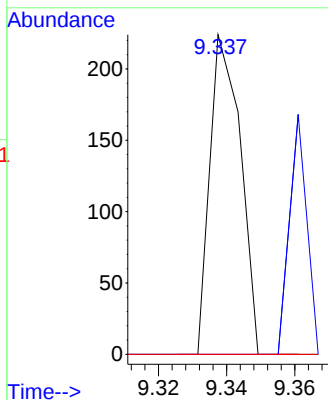
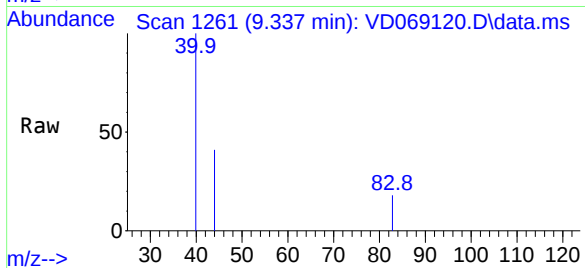
Delta R.T. -0.018 min

Lab File: VD069120.D

Acq: 10 May 2021 13:51

Tgt Ion: 83	Resp:	139
Ion	Ratio	Lower Upper
83	100	
55	0.0	55.6 83.4#
98	0.0	39.8 59.8#

Instrument :
MSVOA_D
ClientSampled :
P-1A



#44

Trichloroethene

Concen: 3.65 ug/l

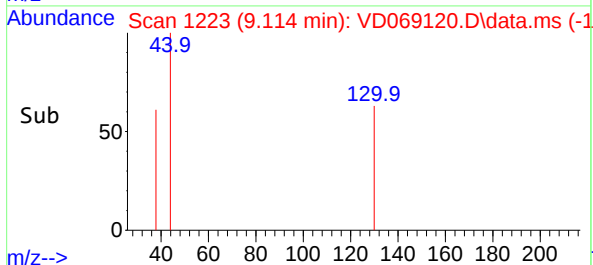
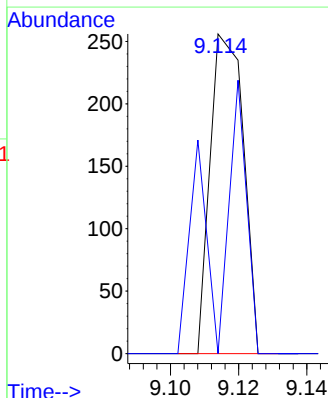
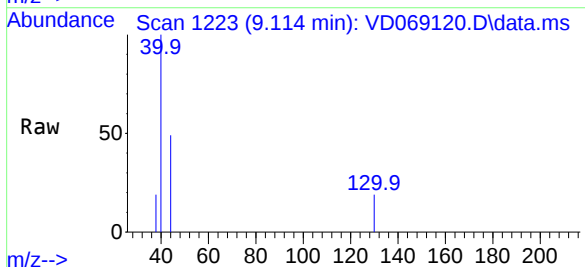
RT: 9.114 min Scan# 1223

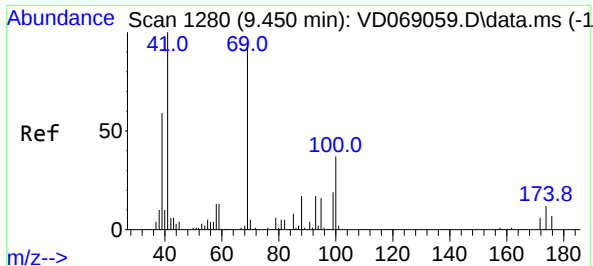
Delta R.T. -0.000 min

Lab File: VD069120.D

Acq: 10 May 2021 13:51

Tgt Ion: 130	Resp:	173
Ion	Ratio	Lower Upper
130	100	
95	0.0	0.0 196.2

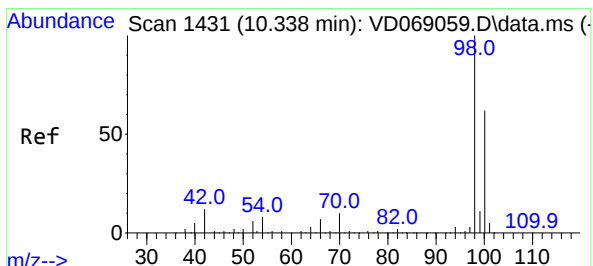
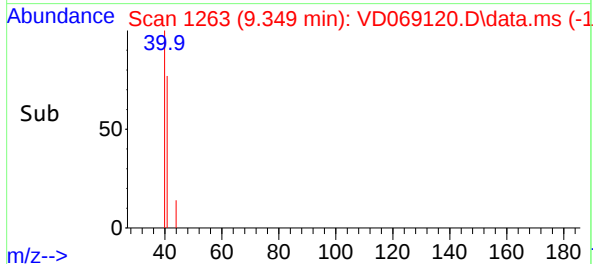
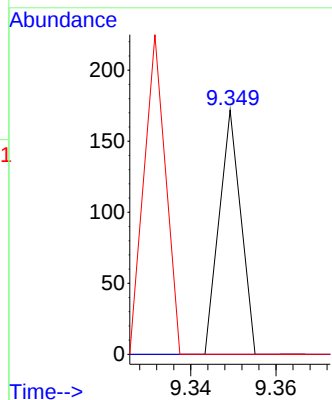
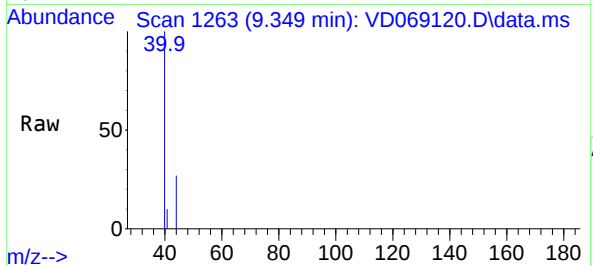




#48
Methyl methacrylate
Concen: 2.72 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.100 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

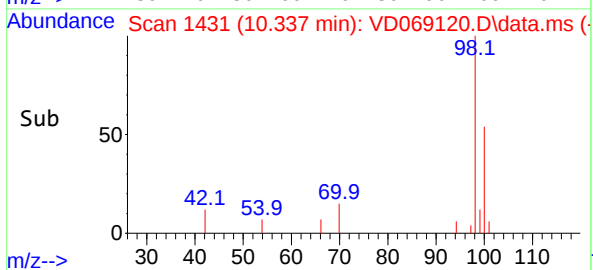
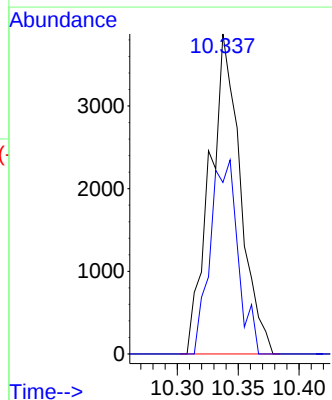
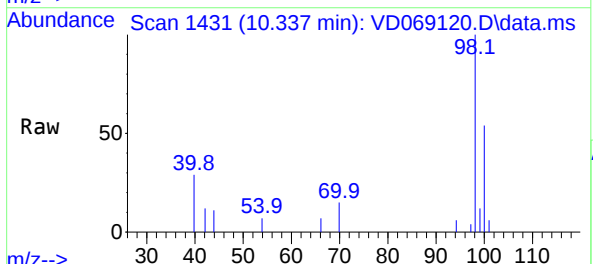
Instrument :
MSVOA_D
ClientSampled :
P-1A

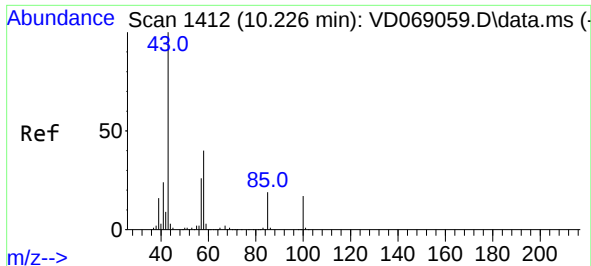
Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
69 0.0 73.9 110.9#
39 129.5 51.0 76.4#



#50
Toluene-d8
Concen: 43.72 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 98 Resp: 6780
Ion Ratio Lower Upper
98 100
100 54.7 51.6 77.4

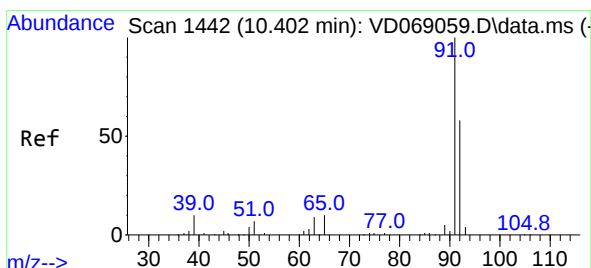
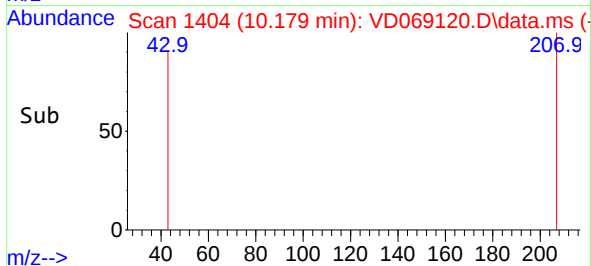
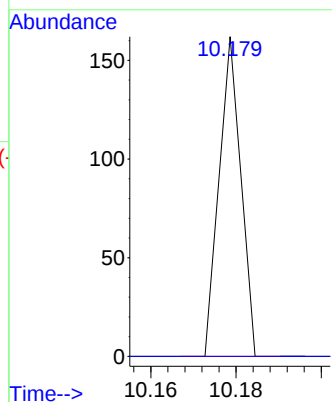
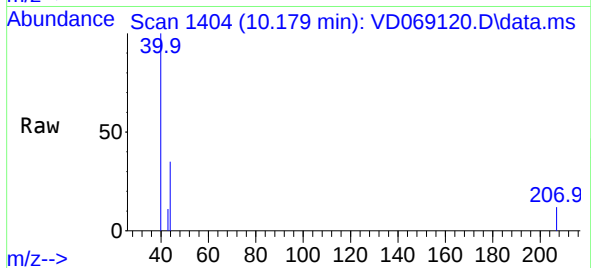




#51
4-Methyl-2-Pentanone
Concen: 2.44 ug/l
RT: 10.179 min Scan# 1404
Delta R.T. -0.047 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

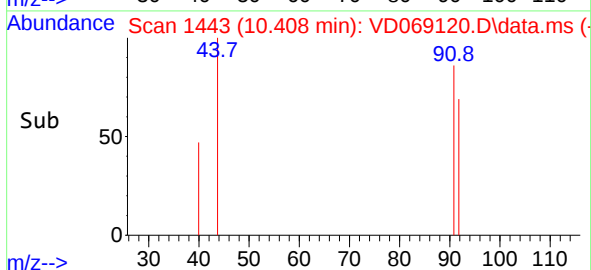
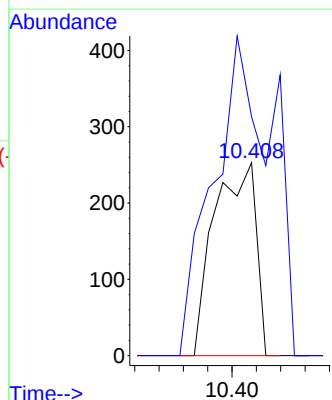
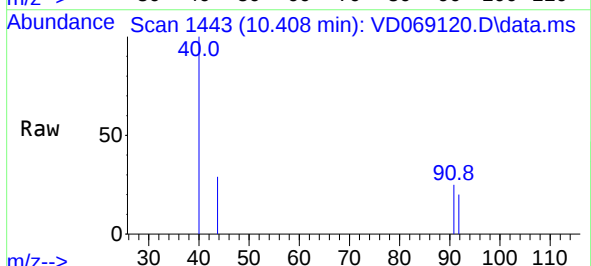
Instrument :
MSVOA_D
ClientSampled :
P-1A

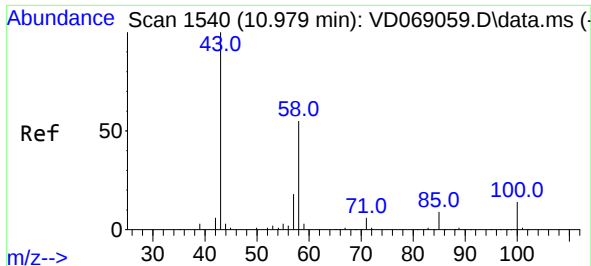
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 32.7 49.1#



#52
Toluene
Concen: 2.65 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 92 Resp: 300
Ion Ratio Lower Upper
92 100
91 231.3 138.2 207.2#

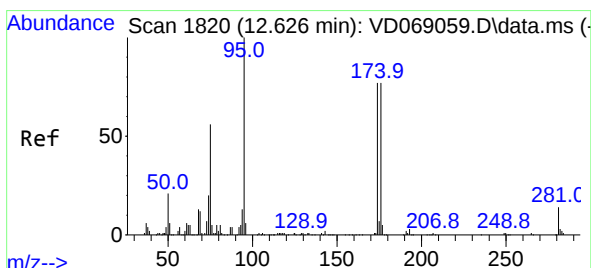
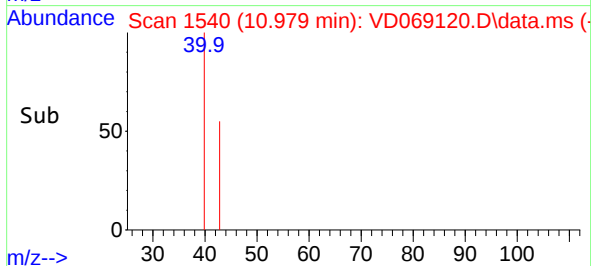
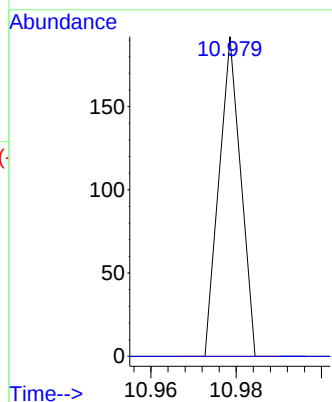
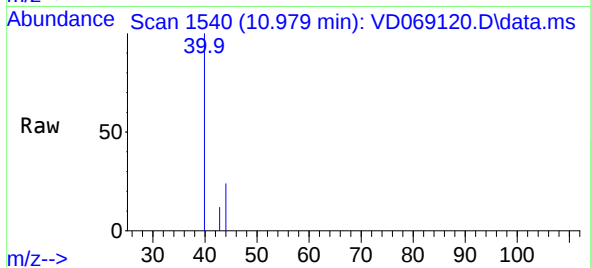




#59
2-Hexanone
Concen: 4.32 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

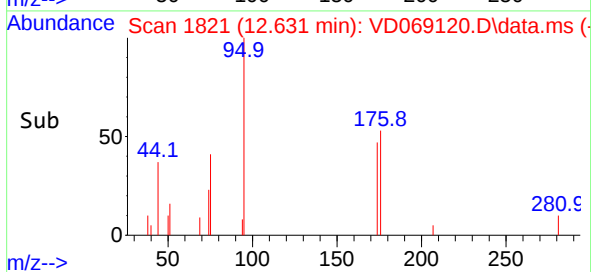
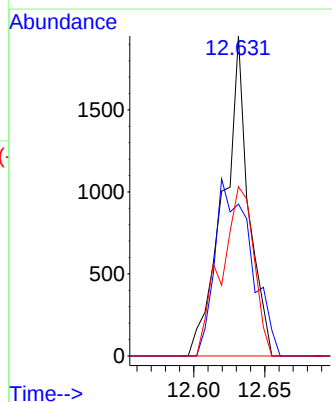
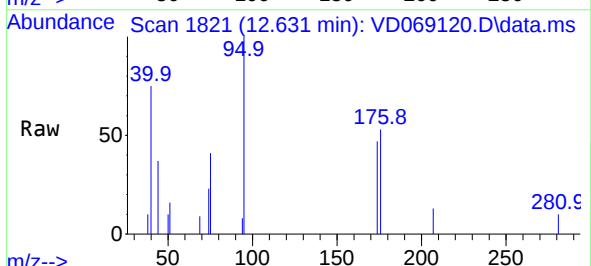
Instrument :
MSVOA_D
ClientSampleId :
P-1A

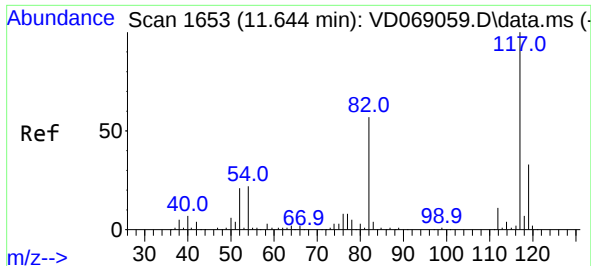
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
58 0.0 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 47.33 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 95 Resp: 2414
Ion Ratio Lower Upper
95 100
174 78.1 0.0 156.0
176 68.7 0.0 149.4

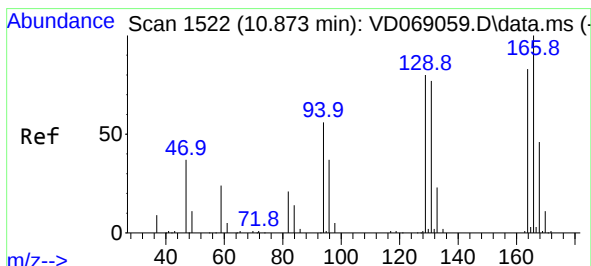
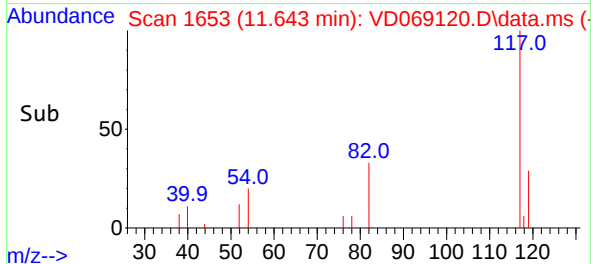
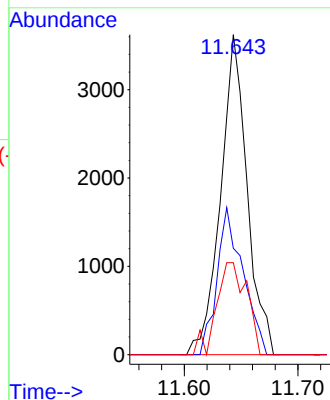
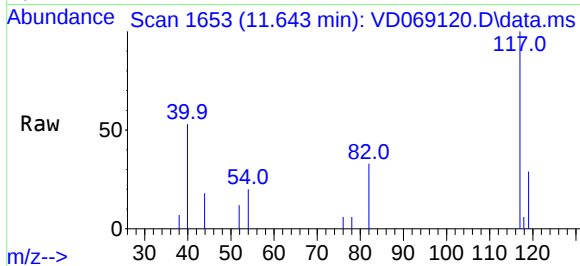




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

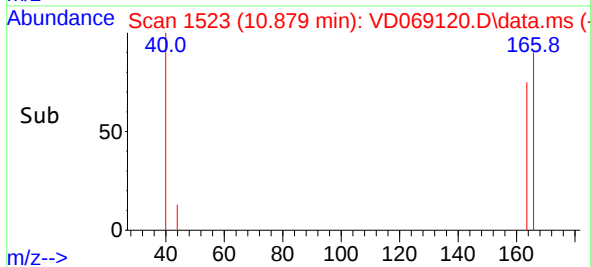
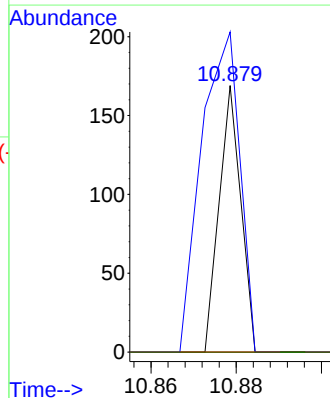
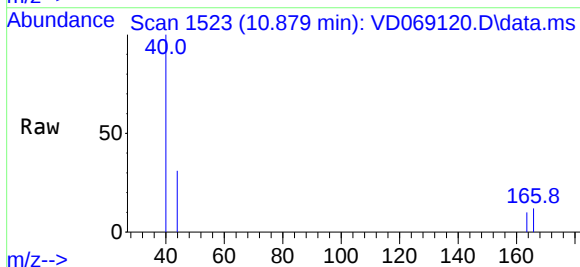
Instrument :
MSVOA_D
ClientSampleId :
P-1A

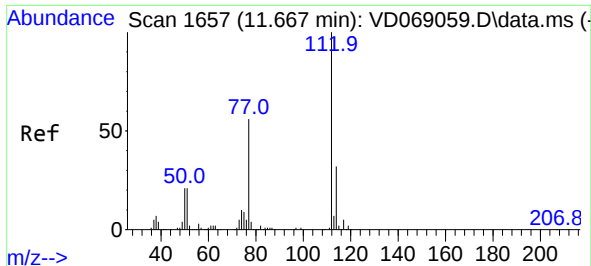
Tgt Ion:117 Resp: 5873
Ion Ratio Lower Upper
117 100
82 33.2 45.4 68.2#
119 28.7 26.8 40.2



#64
Tetrachloroethene
Concen: 1.59 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion:164 Resp: 60
Ion Ratio Lower Upper
164 100
166 120.1 96.0 144.0
129 0.0 76.8 115.2#
131 0.0 73.5 110.3#

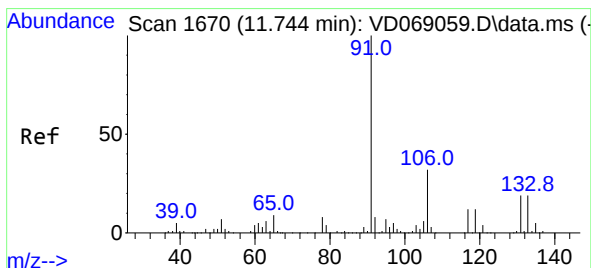
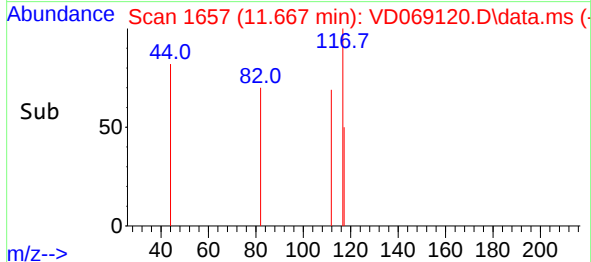
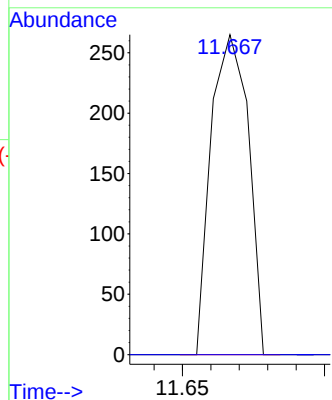
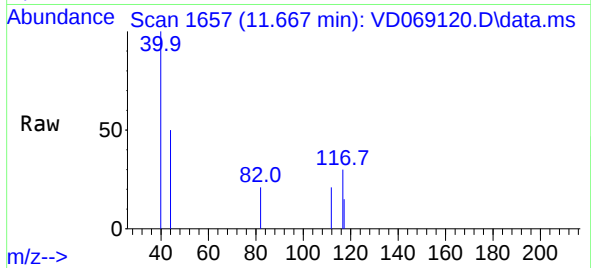




#65
Chlorobenzene
Concen: 2.02 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

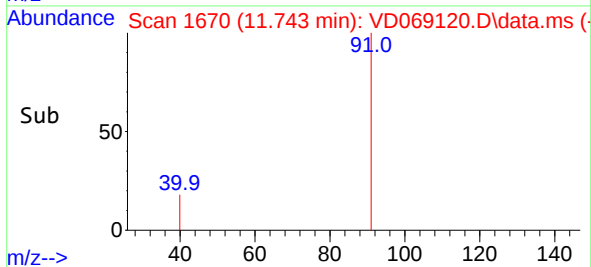
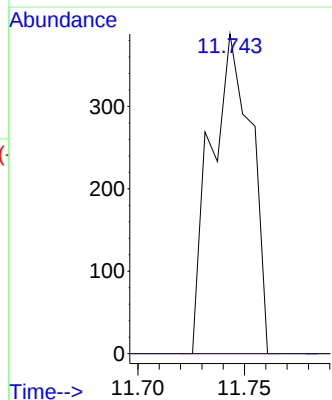
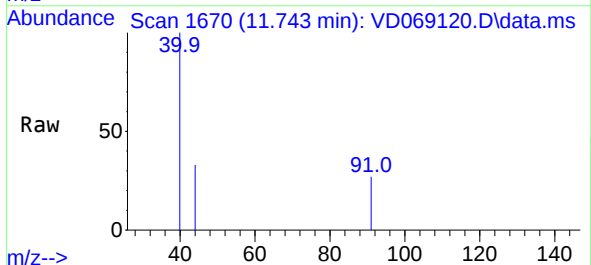
Instrument :
MSVOA_D
ClientSampled :
P-1A

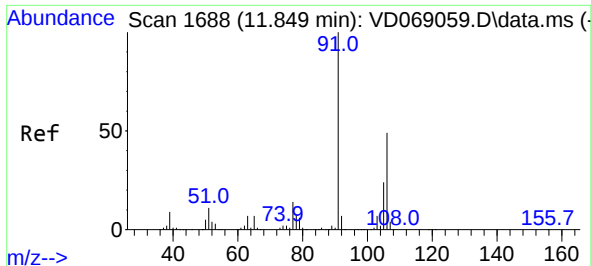
Tgt Ion:112 Resp: 242
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 2.42 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 91 Resp: 514
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

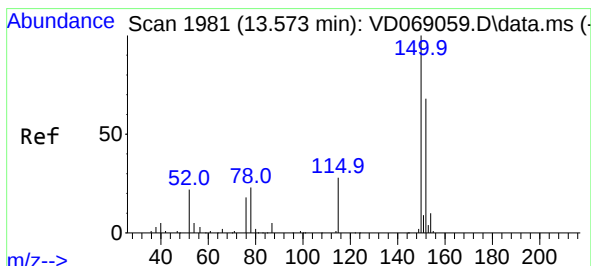
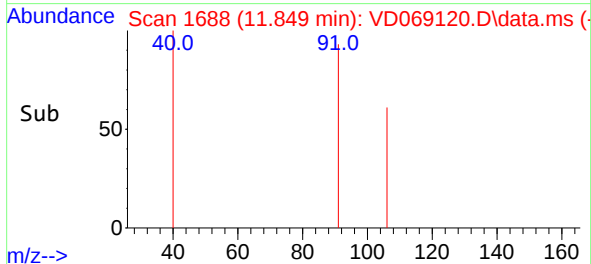
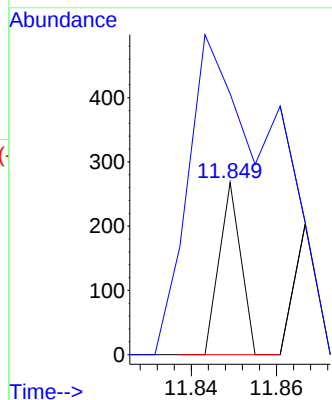
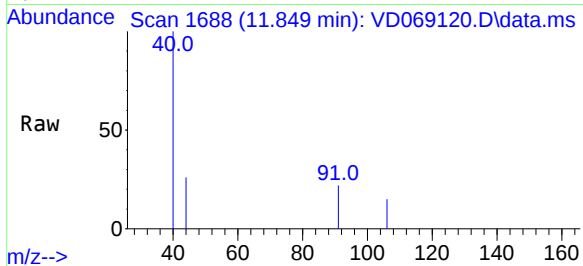




#68
m/p-Xylenes
Concen: 1.19 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

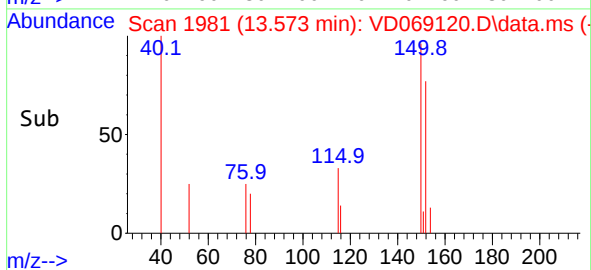
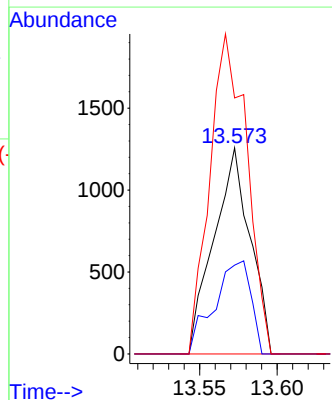
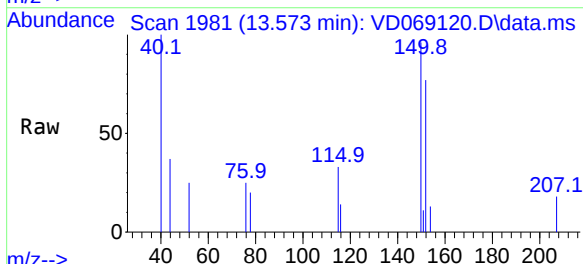
Instrument :
MSVOA_D
ClientSampleId :
P-1A

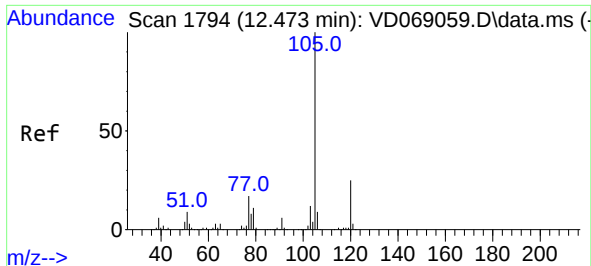
Tgt Ion:106 Resp: 95
Ion Ratio Lower Upper
106 100
91 728.4 164.6 246.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

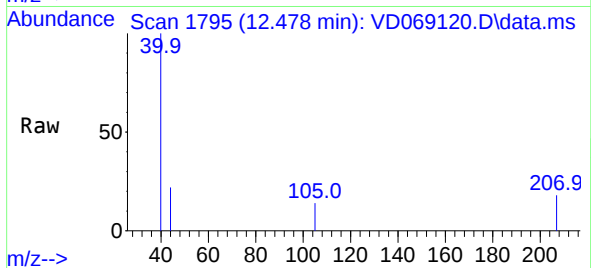
Tgt Ion:152 Resp: 2050
Ion Ratio Lower Upper
152 100
115 45.6 30.5 91.5
150 158.8 0.0 340.8



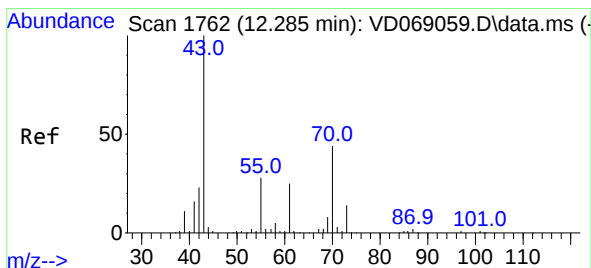
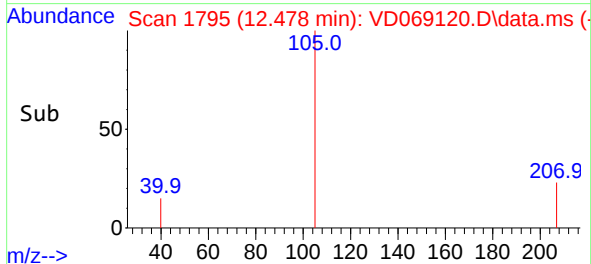
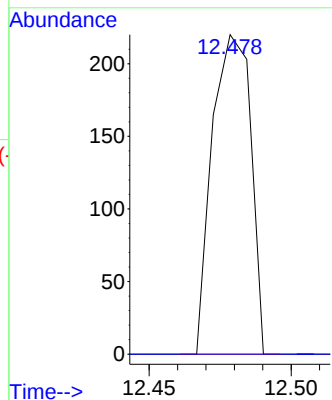


#73
Isopropylbenzene
Concen: 1.46 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. 0.005 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

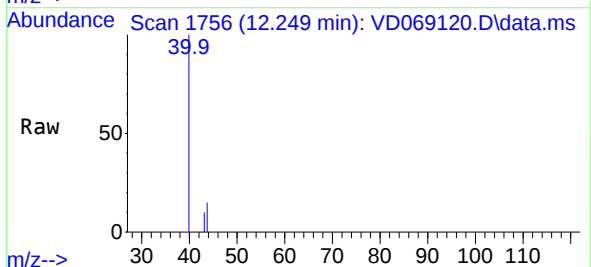
Instrument :
MSVOA_D
ClientSampleId :
P-1A



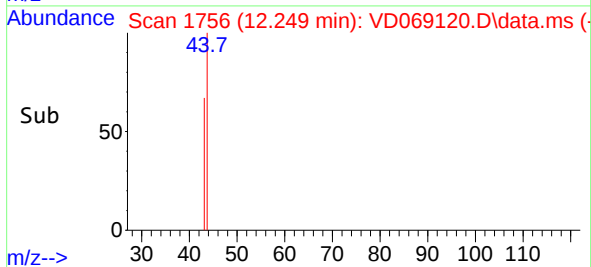
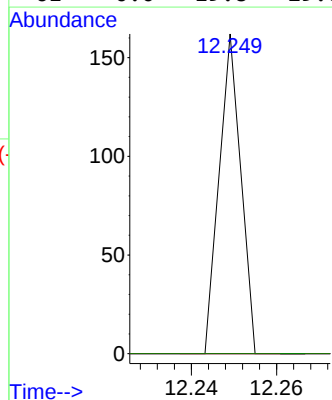
Tgt Ion:105 Resp: 207
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.1#

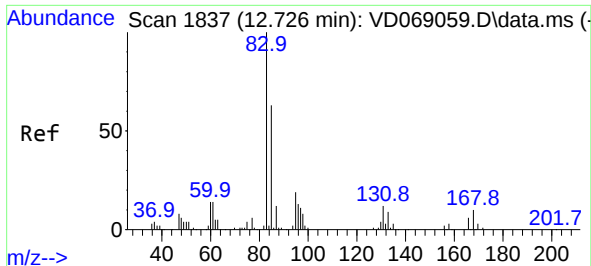


#74
N-ethyl acetate
Concen: 1.91 ug/l
RT: 12.249 min Scan# 1756
Delta R.T. -0.036 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51



Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
70 0.0 36.4 54.6#
55 0.0 21.8 32.8#
61 0.0 19.8 29.6#

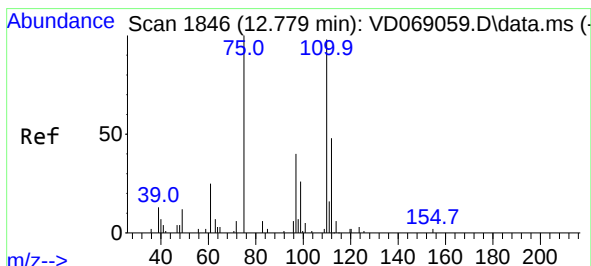
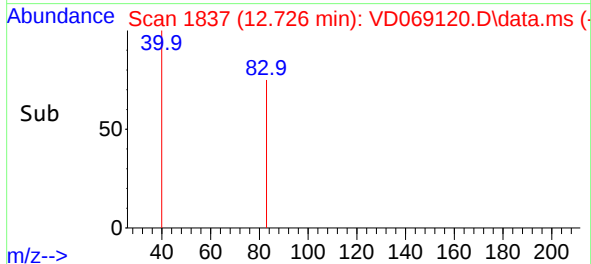
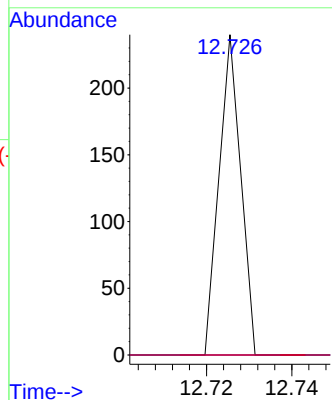
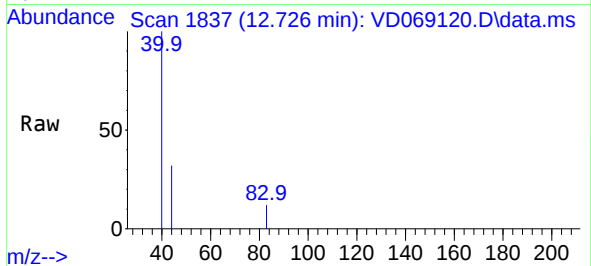




#75
1,1,2,2-Tetrachloroethane
Concen: 3.06 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

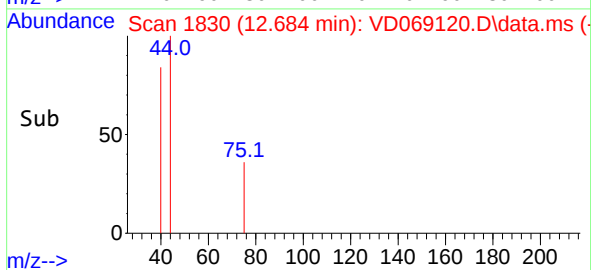
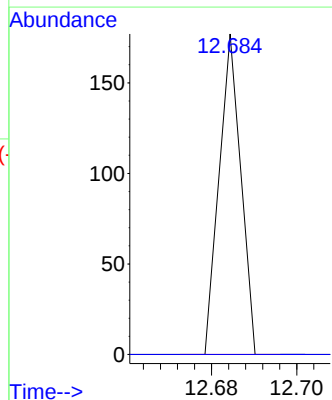
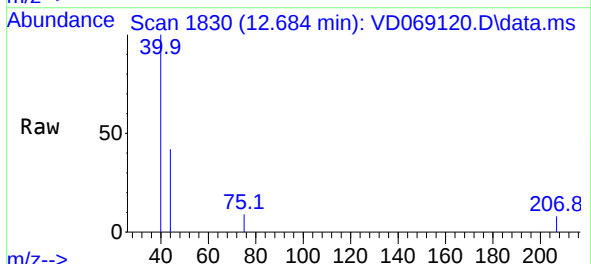
Instrument :
MSVOA_D
ClientSampleId :
P-1A

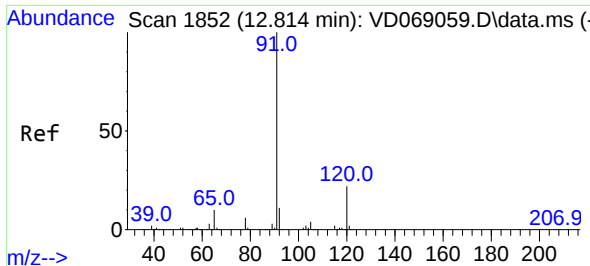
Tgt Ion: 83 Resp: 85
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 0.0 30.9 92.8#



#76
1,2,3-Trichloropropane
Concen: 3.47 ug/l
RT: 12.684 min Scan# 1830
Delta R.T. -0.095 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

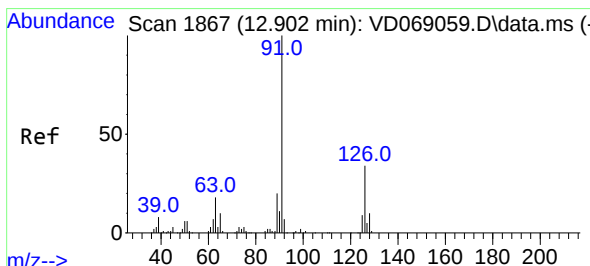
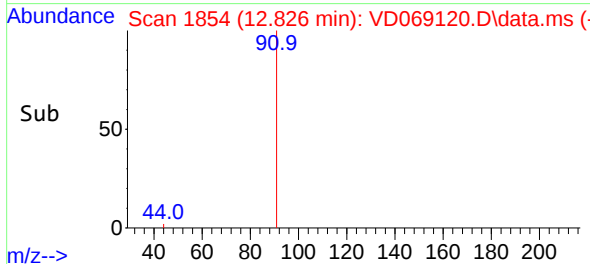
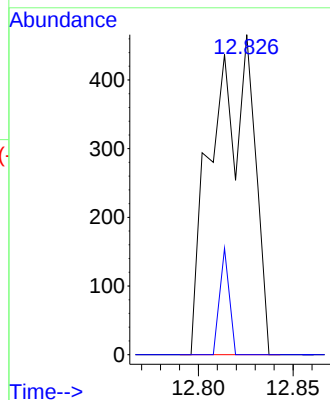
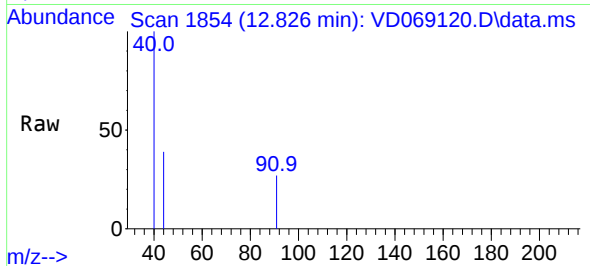




#78
n-propylbenzene
Concen: 4.00 ug/l
RT: 12.826 min Scan# 1854
Delta R.T. 0.011 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

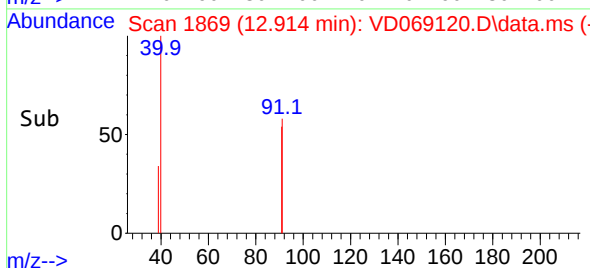
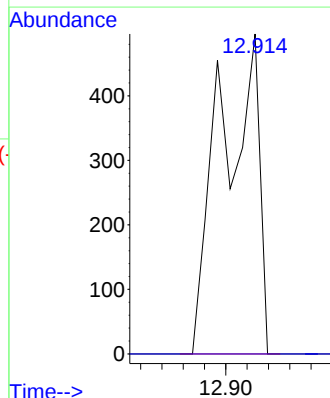
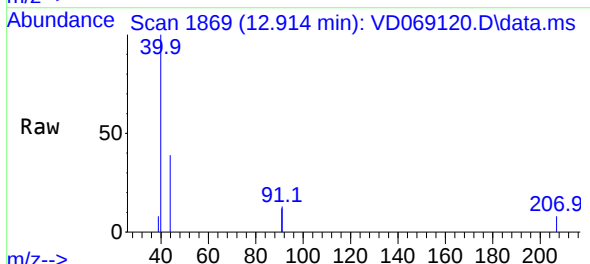
Instrument :
MSVOA_D
ClientSampleId :
P-1A

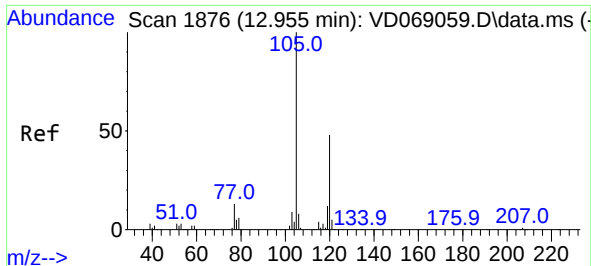
Tgt Ion: 91 Resp: 697
Ion Ratio Lower Upper
91 100
120 7.9 11.3 33.8#



#79
2-Chlorotoluene
Concen: 6.30 ug/l
RT: 12.914 min Scan# 1869
Delta R.T. 0.011 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 91 Resp: 612
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.3#

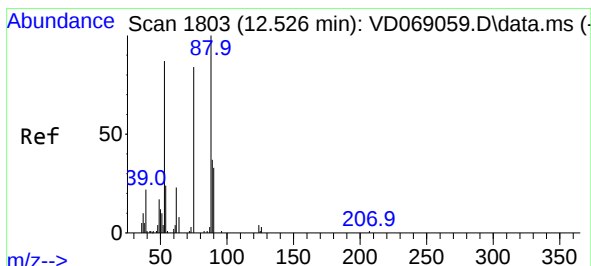
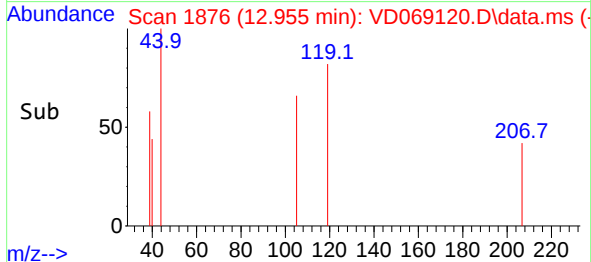
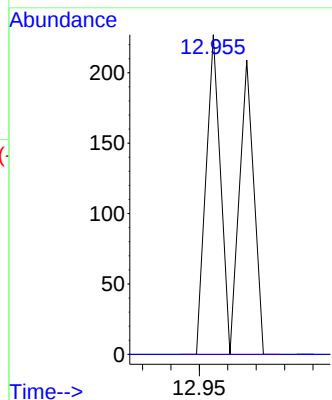
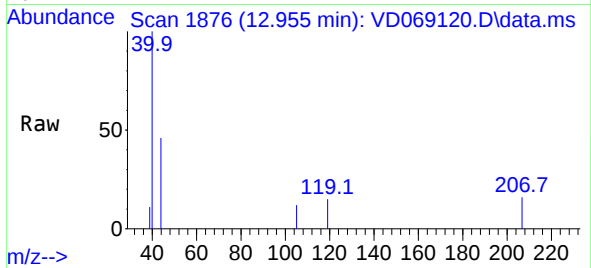




#80
1,3,5-Trimethylbenzene
Concen: 1.27 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

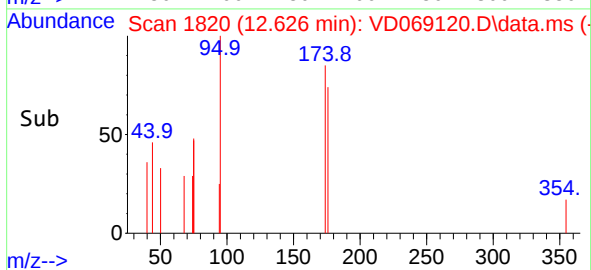
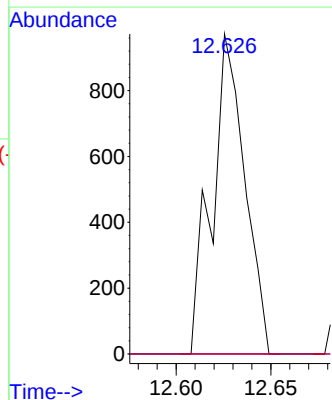
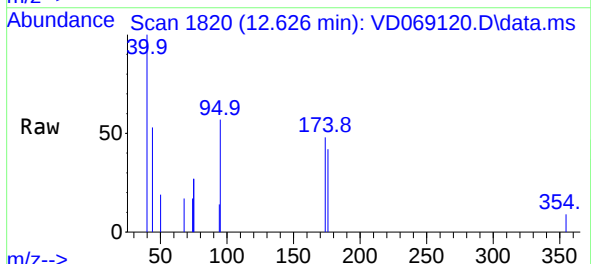
Instrument :
MSVOA_D
ClientSampleId :
P-1A

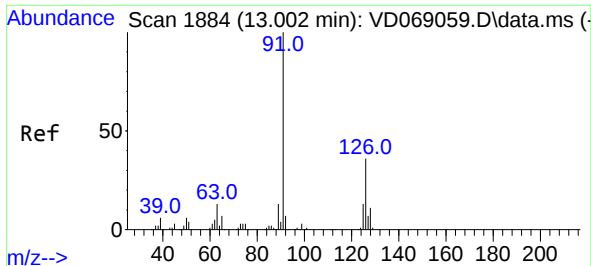
Tgt Ion:105 Resp: 154
Ion Ratio Lower Upper
105 100
120 0.0 24.2 72.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.51 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 75 Resp: 1177
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.0 37.8 56.8#

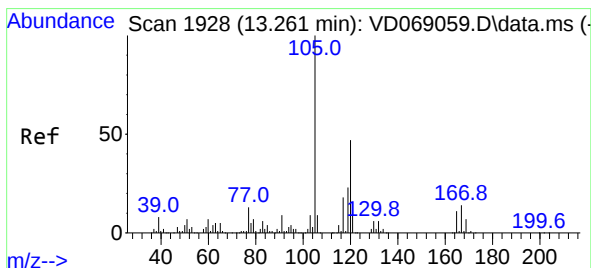
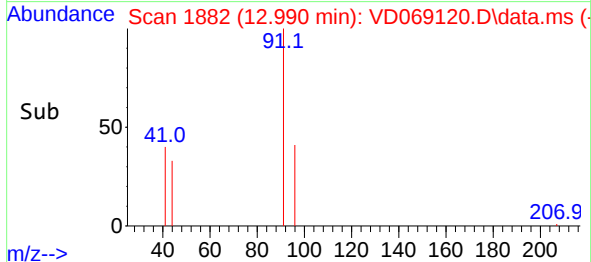
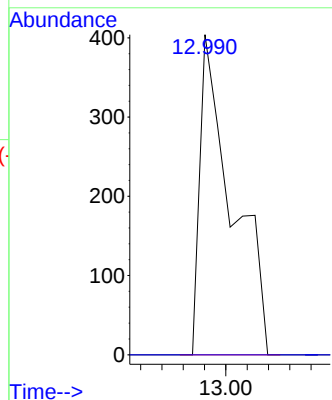
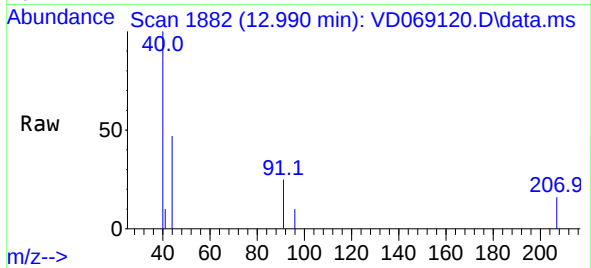




#82
4-Chlorotoluene
Concen: 4.09 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.012 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

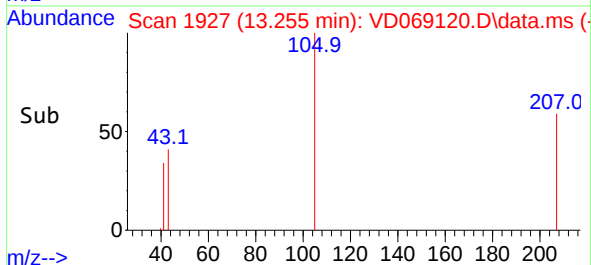
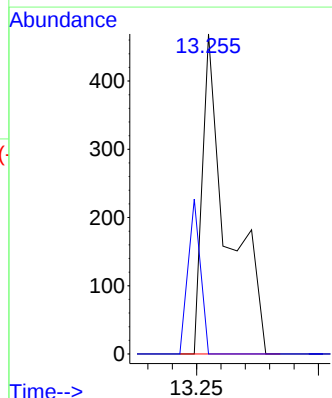
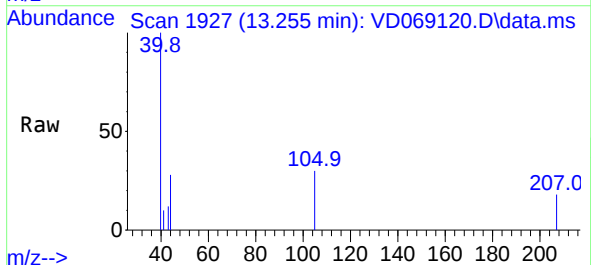
Instrument :
MSVOA_D
ClientSampleId :
P-1A

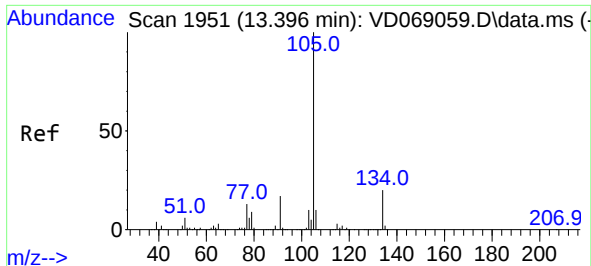
Tgt Ion: 91 Resp: 426
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#84
1,2,4-Trimethylbenzene
Concen: 2.81 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion: 105 Resp: 339
Ion Ratio Lower Upper
105 100
120 23.6 22.5 67.5

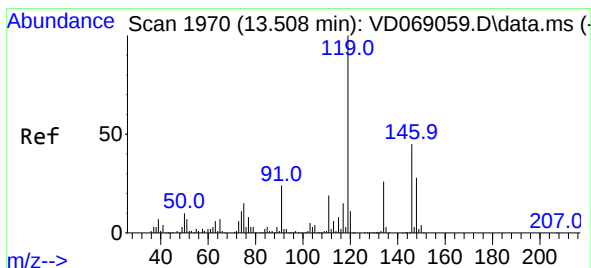
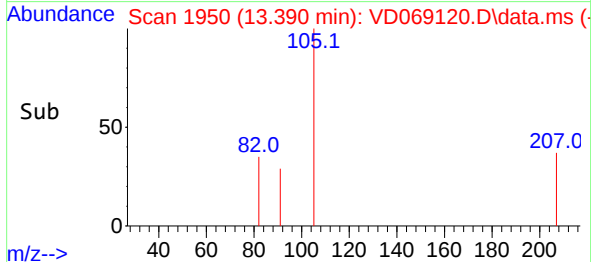
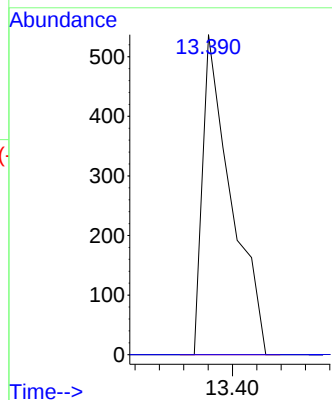
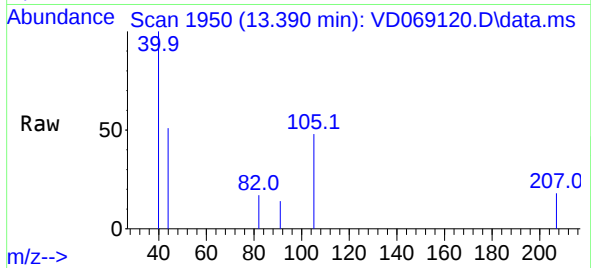




#85
sec-Butylbenzene
Concen: 3.07 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

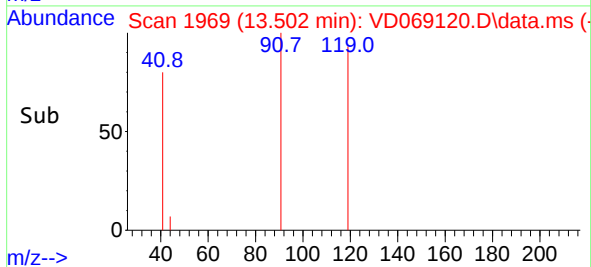
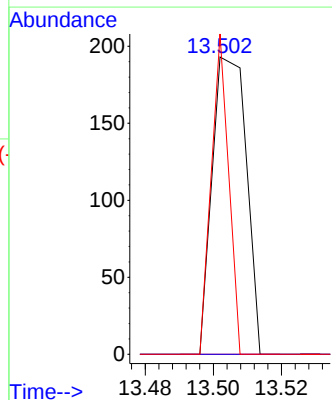
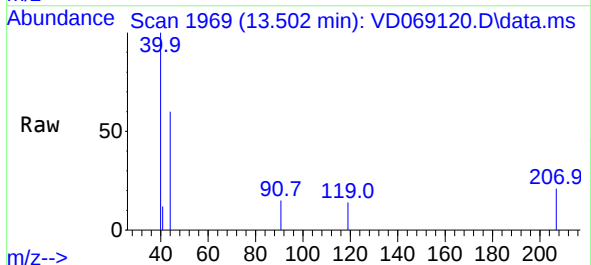
Instrument :
MSVOA_D
ClientSampleId :
P-1A

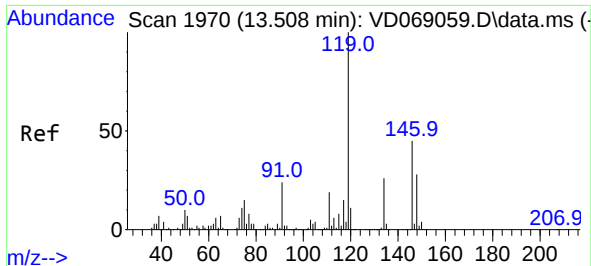
Tgt Ion:105 Resp: 438
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



#86
p-Isopropyltoluene
Concen: 1.02 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion:119 Resp: 134
Ion Ratio Lower Upper
119 100
134 0.0 12.9 38.7#
91 54.5 12.3 36.9#

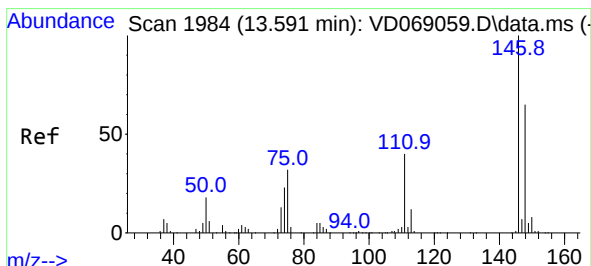
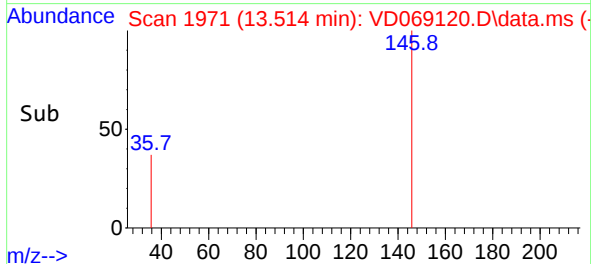
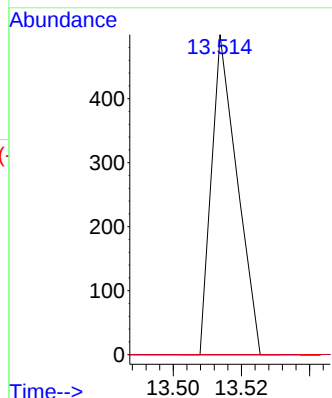
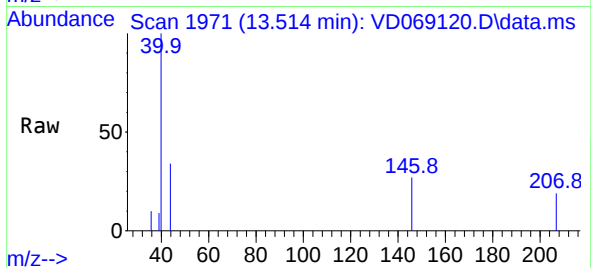




#87
1,3-Dichlorobenzene
Concen: 3.96 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.005 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

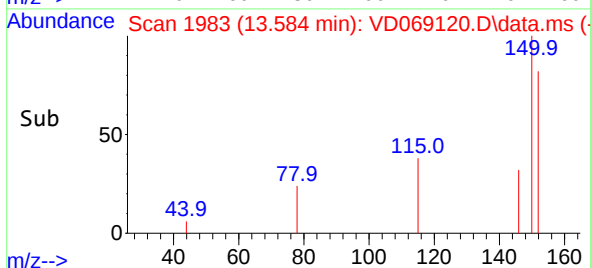
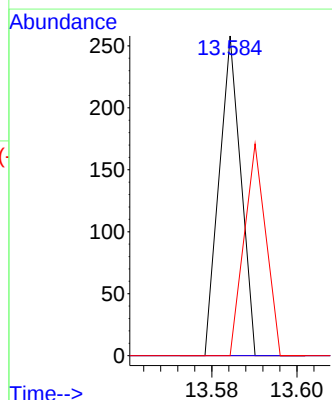
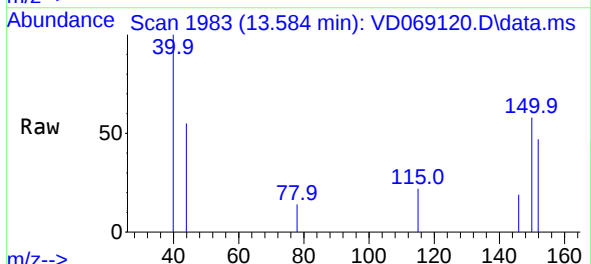
Instrument :
MSVOA_D
ClientSampleId :
P-1A

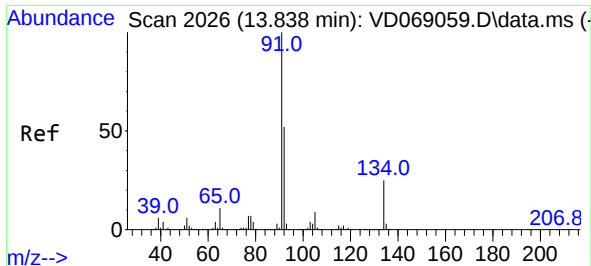
Tgt Ion:146 Resp: 261
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 31.4 94.2#



#88
1,4-Dichlorobenzene
Concen: 1.40 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Tgt Ion:146 Resp: 91
Ion Ratio Lower Upper
146 100
111 0.0 20.5 61.6#
148 65.9 32.3 96.9

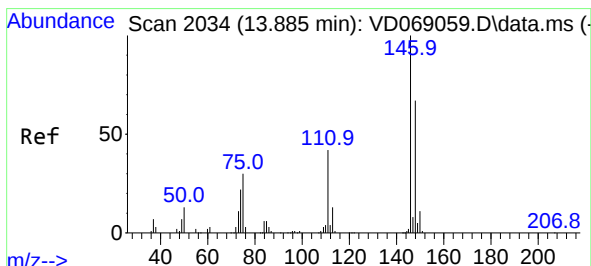
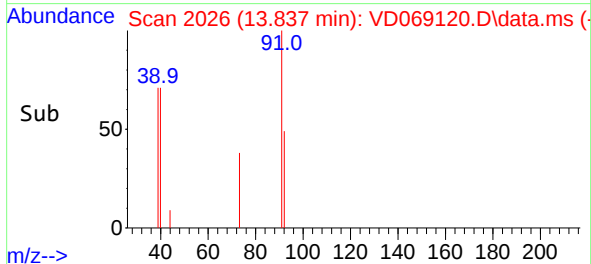
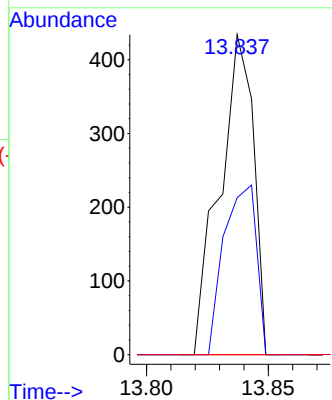
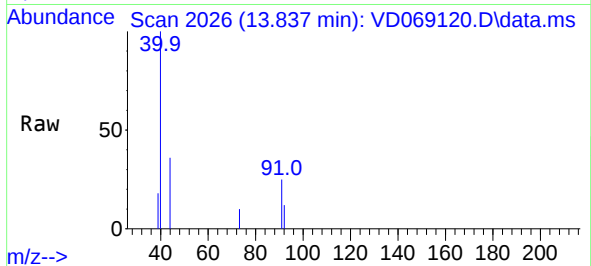




#89
n-Butylbenzene
Concen: 3.37 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

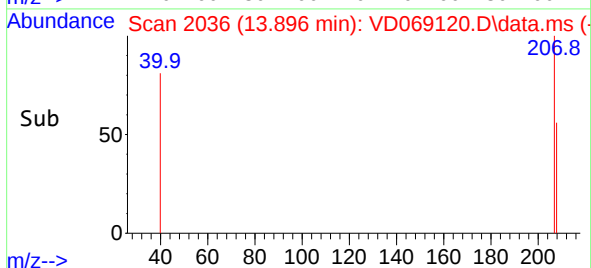
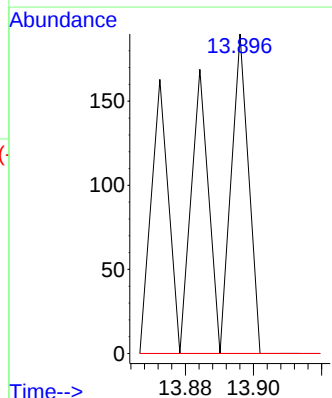
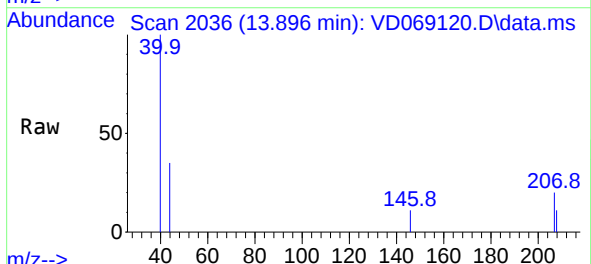
Instrument :
MSVOA_D
ClientSampled :
P-1A

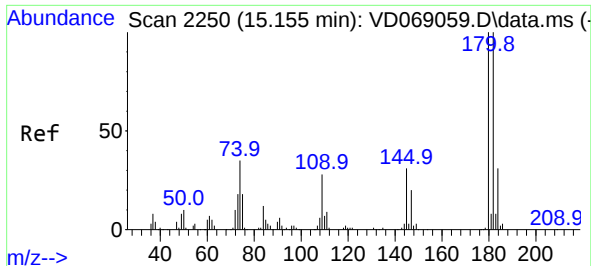
Tgt Ion: 91 Resp: 421
Ion Ratio Lower Upper
91 100
92 50.6 26.2 78.5
134 0.0 12.1 36.3#



#91
1,2-Dichlorobenzene
Concen: 2.22 ug/l
RT: 13.896 min Scan# 2036
Delta R.T. 0.011 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

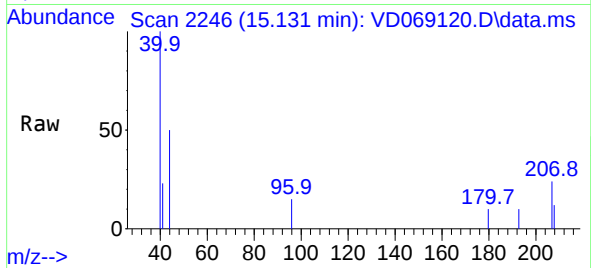
Tgt Ion:146 Resp: 127
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.3#
148 0.0 31.3 93.8#



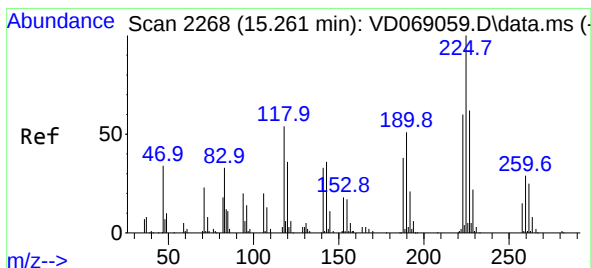
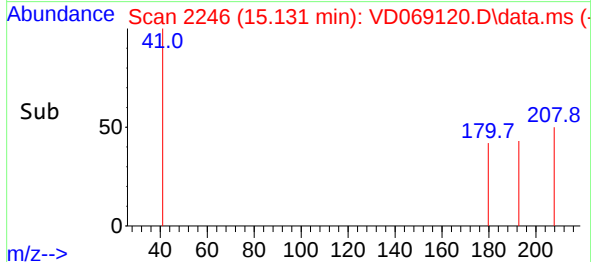
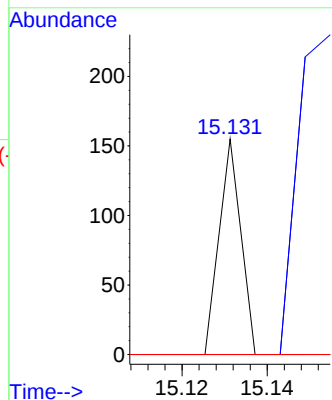


#93
1,2,4-Trichlorobenzene
Concen: 1.62 ug/l
RT: 15.131 min Scan# 2246
Delta R.T. -0.024 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

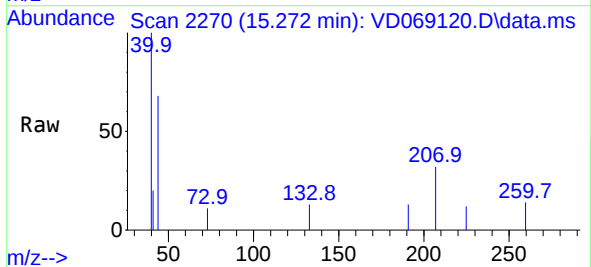
Instrument :
MSVOA_D
ClientSampleId :
P-1A



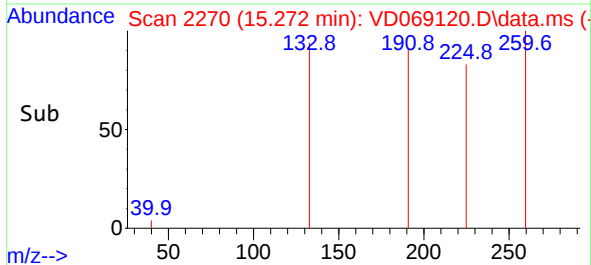
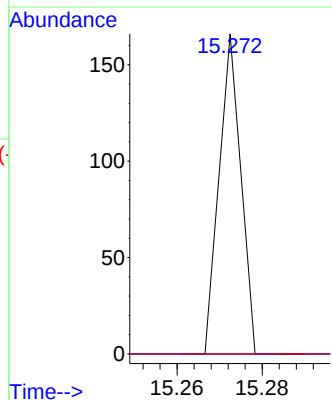
Tgt Ion:180 Resp: 55
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 0.0 15.8 47.3#

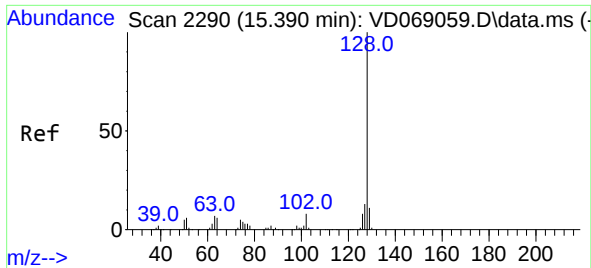


#94
Hexachlorobutadiene
Concen: 3.00 ug/l
RT: 15.272 min Scan# 2270
Delta R.T. 0.011 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51



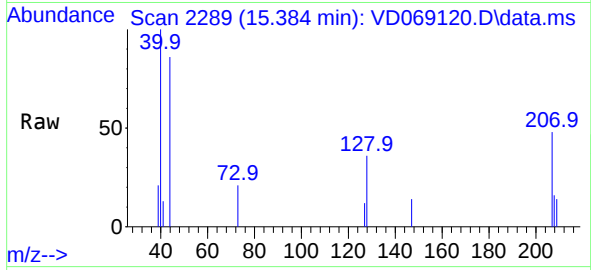
Tgt Ion:225 Resp: 59
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.3#
227 0.0 31.6 95.0#





#95
Naphthalene
Concen: 9.09 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069120.D
Acq: 10 May 2021 13:51

Instrument :
MSVOA_D
ClientSampleId :
P-1A



Tgt Ion:128 Resp: 463
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 0.0 8.5 12.7#

