

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069235.D
 Acq On : 21 May 2021 13:32
 Operator : VA/SY
 Sample : M2469-01RE
 Misc : 7.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(7.5-8.0)

Quant Time: May 21 13:50:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

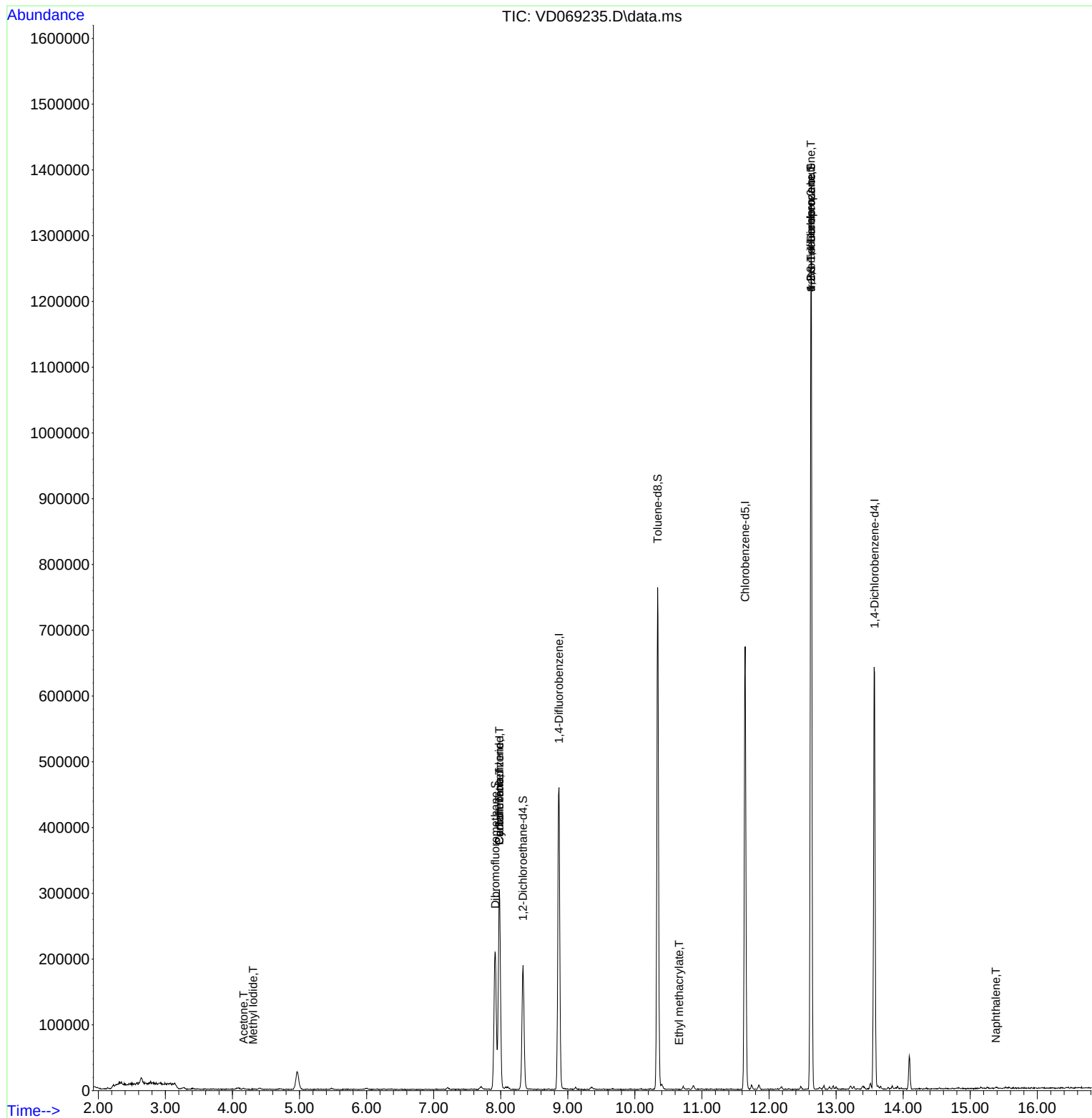
Internal Standards						
1) Pentafluorobenzene	7.979	168	214814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	405249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	394615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	171637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	143701	66.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.46%			
35) Dibromofluoromethane	7.920	113	150732	57.16	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.32%			
50) Toluene-d8	10.338	98	520922	53.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.52%			
62) 4-Bromofluorobenzene	12.626	95	185902	59.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.24%			
Target Compounds						
10) Methyl Iodide	4.309	142	224	1.01	ug/l #	29
11) Tert butyl alcohol	5.232	59	178	Below Cal	#	73
16) Acetone	4.168	43	2045	6.20	ug/l #	41
20) Methylene Chloride	4.956	84	21903	Below Cal		97
31) Cyclohexane	7.979	56	6300	1.97	ug/l #	47
38) Carbon Tetrachloride	7.979	117	23388	5.31	ug/l #	20
56) Ethyl methacrylate	10.661	69	55	1.34	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	96643	74.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	96643	151.30	ug/l #	15
95) Naphthalene	15.385	128	1322	2.27	ug/l #	94

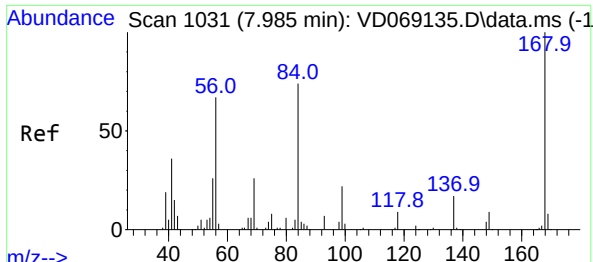
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051212\
Data File : VD069235.D
Acq On : 21 May 2021 13:32
Operator : VA/SY
Sample : M2469-01RE
Misc : 7.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

Quant Time: May 21 13:50:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

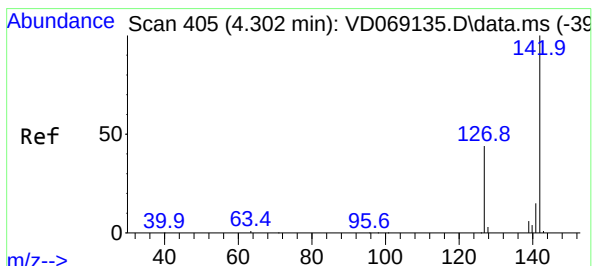
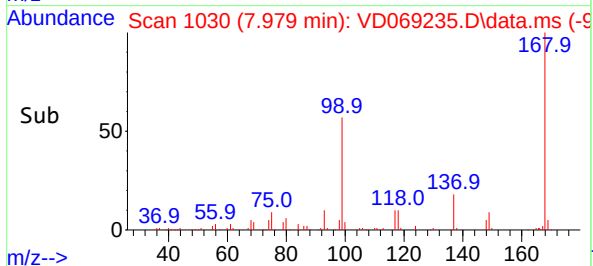
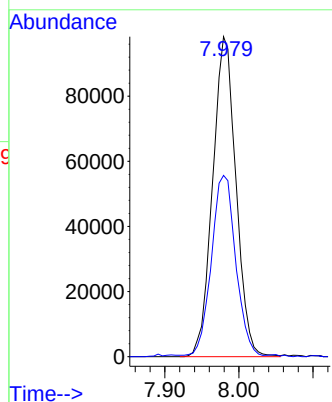
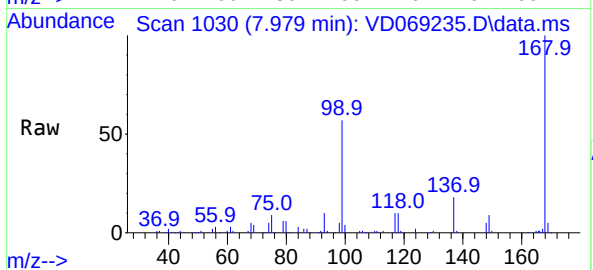




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

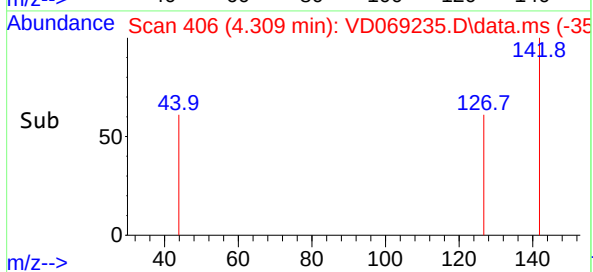
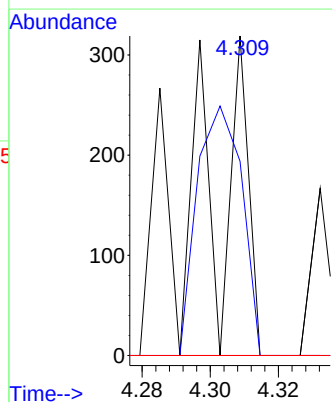
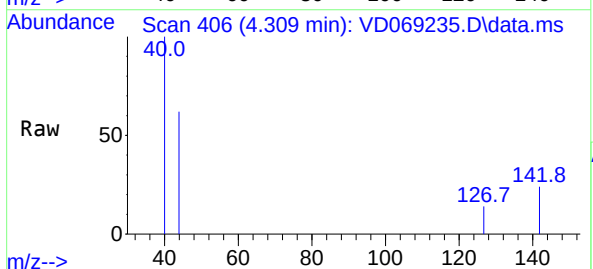
Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

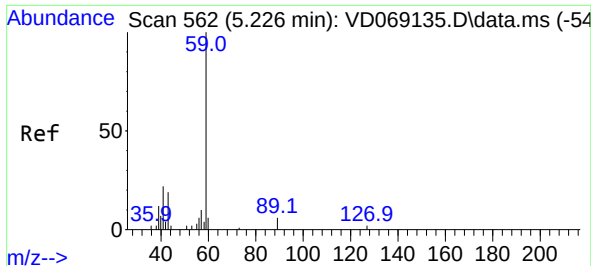
Tgt Ion:168 Resp: 214814
Ion Ratio Lower Upper
168 100
99 56.4 47.2 70.8



#10
Methyl Iodide
Concen: 1.01 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.007 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Tgt Ion:142 Resp: 224
Ion Ratio Lower Upper
142 100
127 101.3 37.3 55.9#
141 0.0 12.2 18.4#

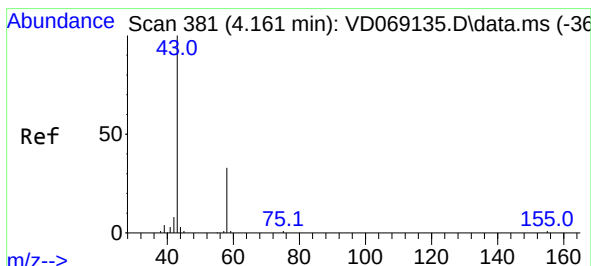
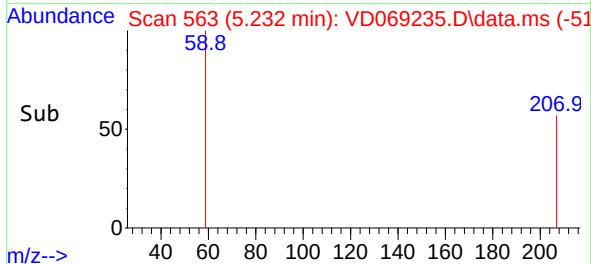
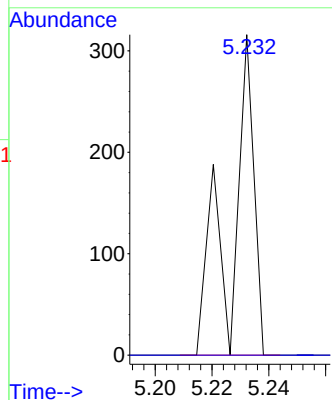
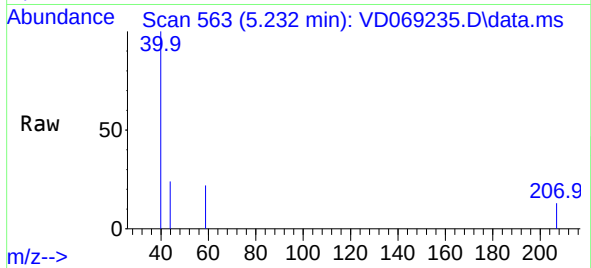




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

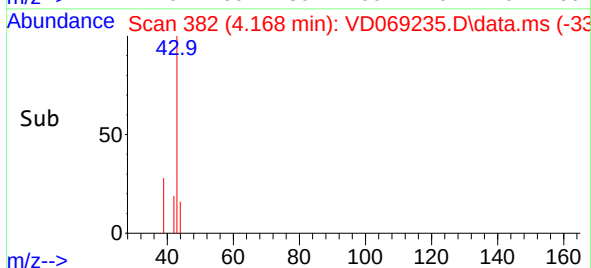
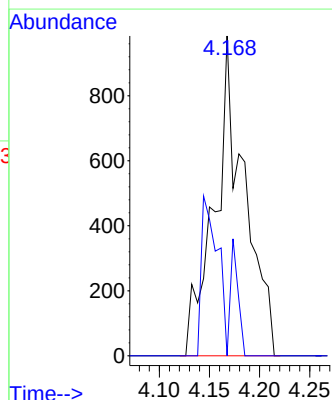
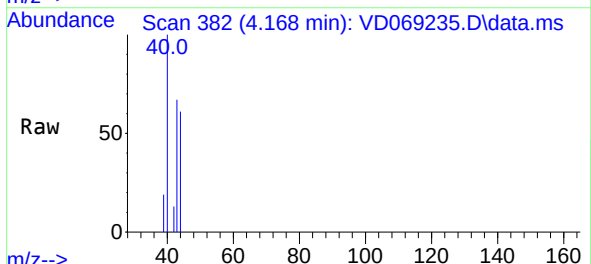
Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

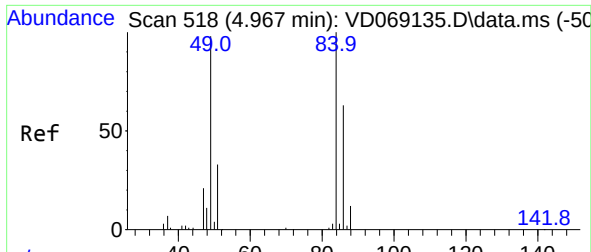
Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 6.20 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

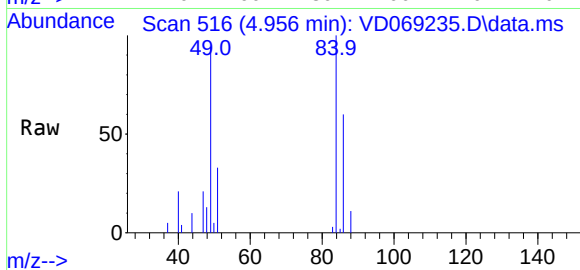
Tgt Ion: 43 Resp: 2045
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



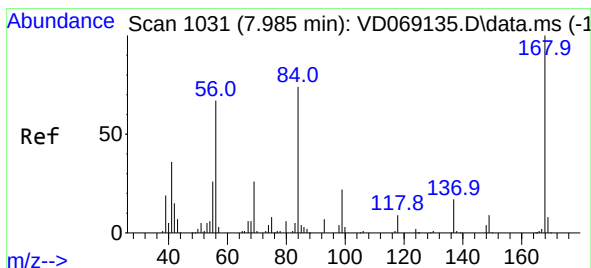
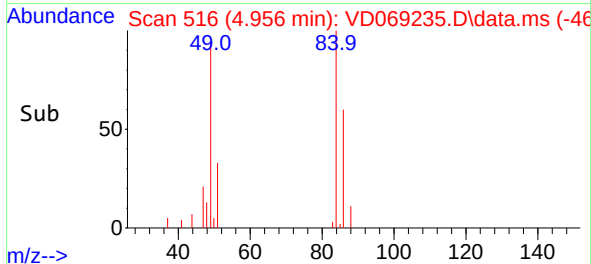
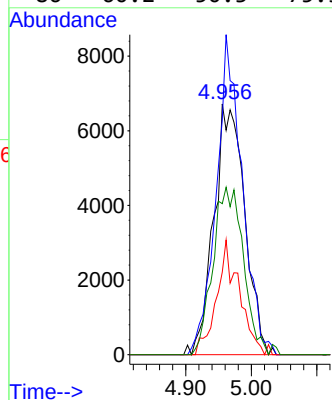


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

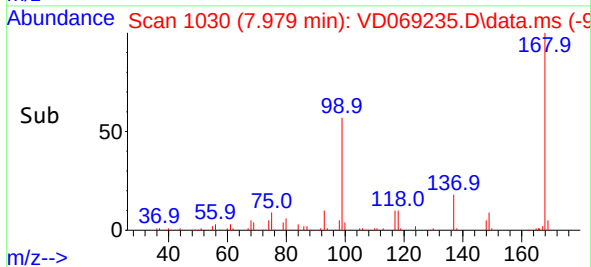
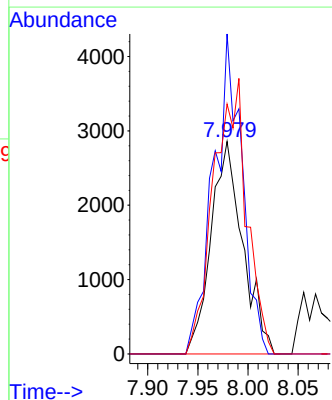
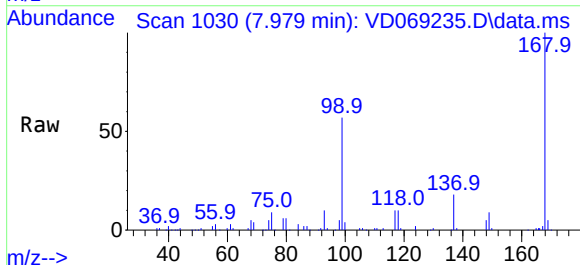


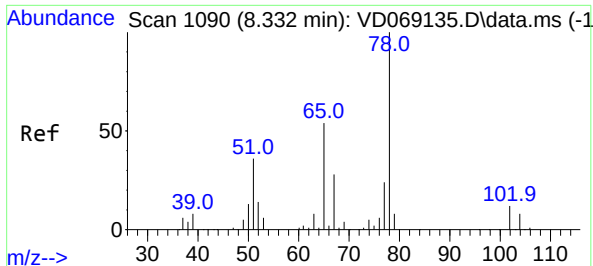
Tgt Ion:	84	Resp:	21903
Ion	Ratio	Lower	Upper
84	100		
49	93.8	78.6	117.8
51	32.9	26.7	40.1
86	60.2	50.3	75.5



#31
Cyclohexane
Concen: 1.97 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.005 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Tgt Ion:	56	Resp:	6300
Ion	Ratio	Lower	Upper
56	100		
69	150.6	30.6	46.0#
84	117.6	88.0	132.0

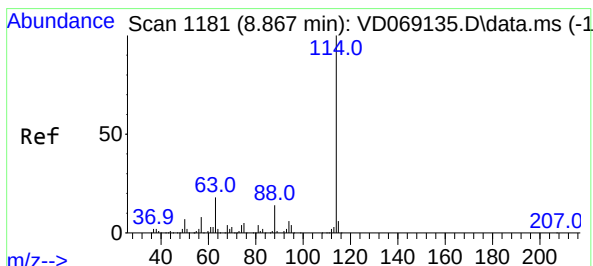
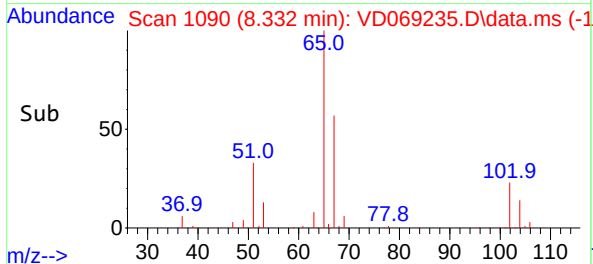
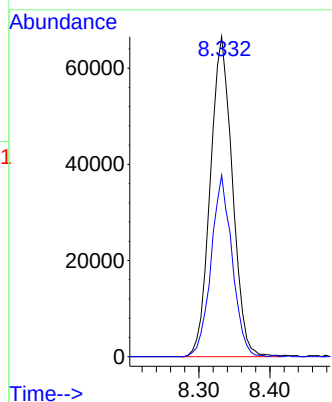
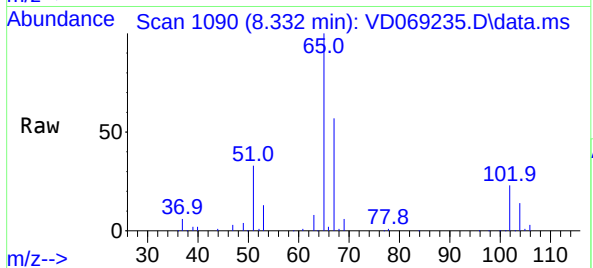




#33
1,2-Dichloroethane-d4
Concen: 66.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

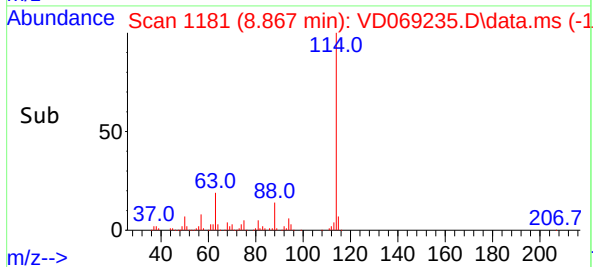
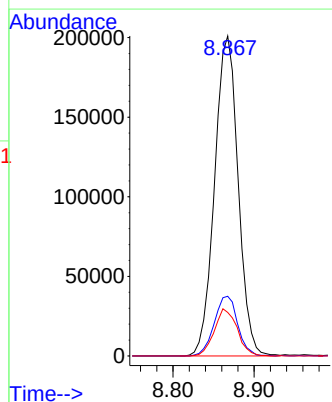
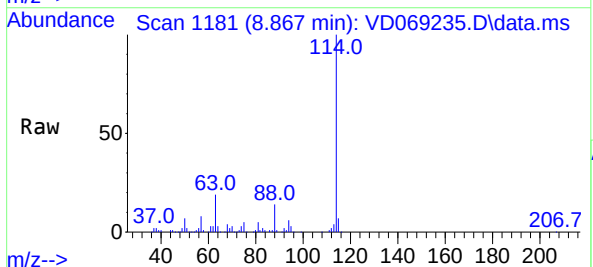
Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

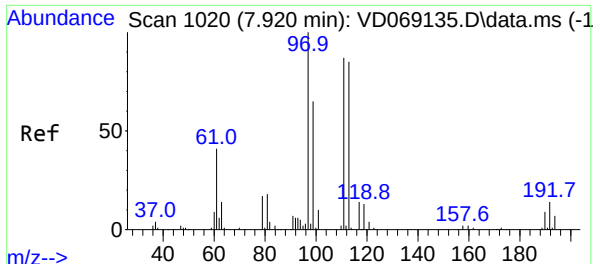
Tgt Ion: 65 Resp: 143701
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

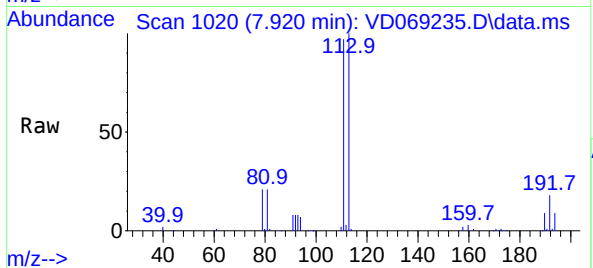
Tgt Ion: 114 Resp: 405249
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 13.6 0.0 28.2



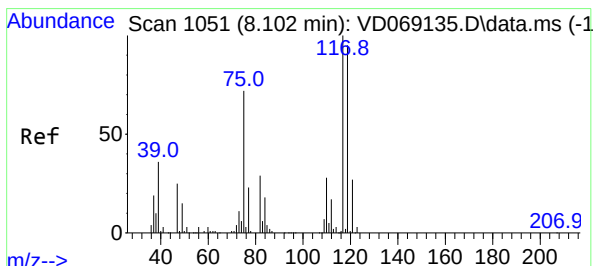
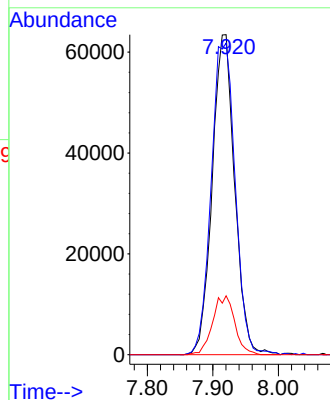
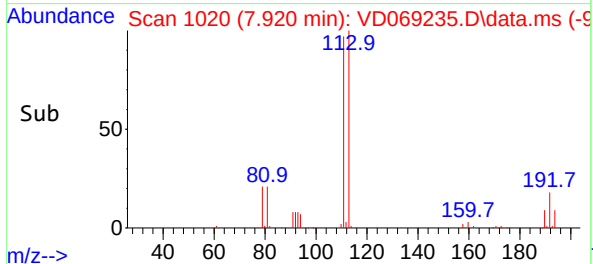


#35
Dibromofluoromethane
Concen: 57.16 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

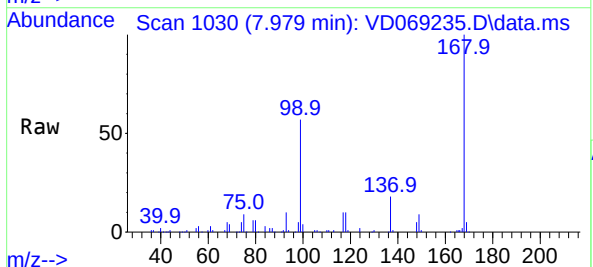
Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)



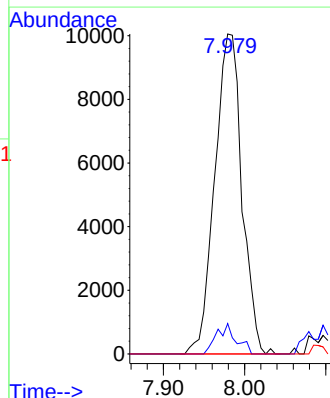
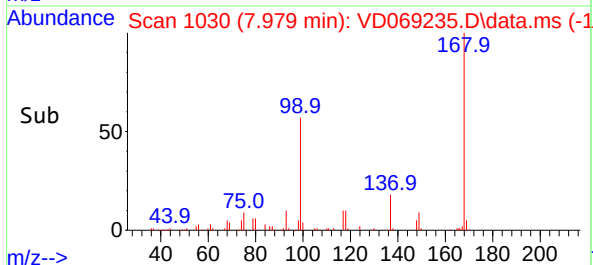
Tgt Ion:113 Resp: 150732
Ion Ratio Lower Upper
113 100
111 104.3 80.6 120.8
192 18.1 14.8 22.2

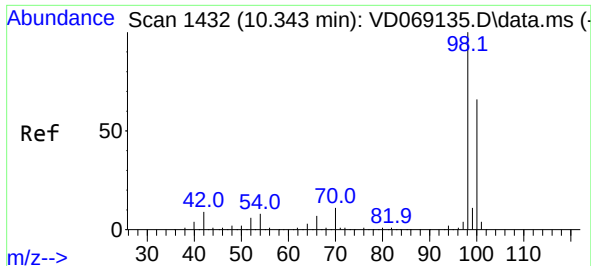


#38
Carbon Tetrachloride
Concen: 5.31 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32



Tgt Ion:117 Resp: 23388
Ion Ratio Lower Upper
117 100
119 9.5 76.2 114.2#
121 0.0 21.9 32.9#

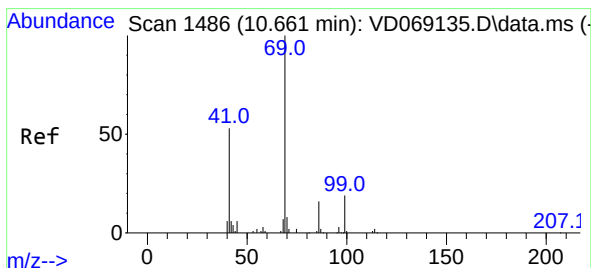
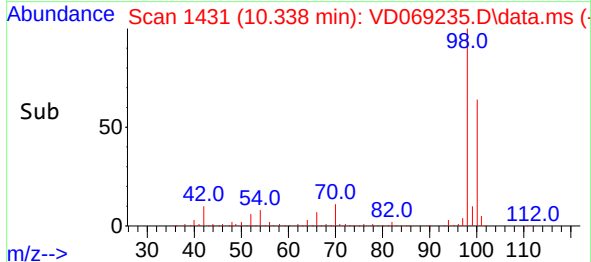
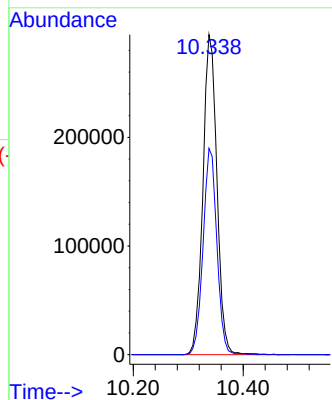
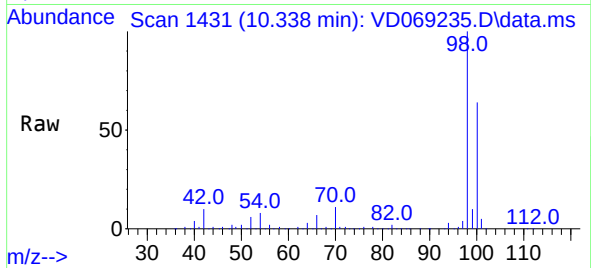




#50
Toluene-d8
Concen: 53.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

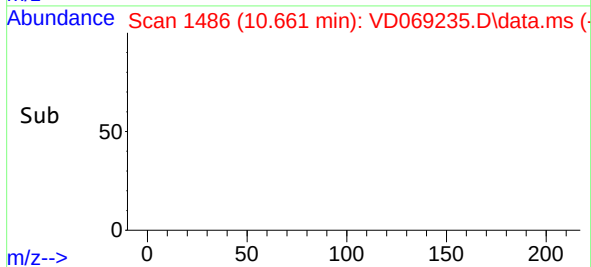
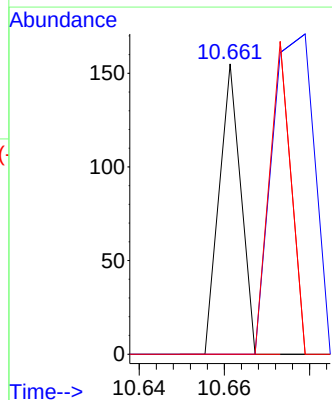
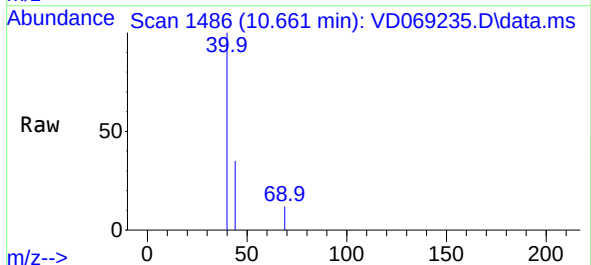
Instrument :
MSVOA_D
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SB-1(7.5-8.0)

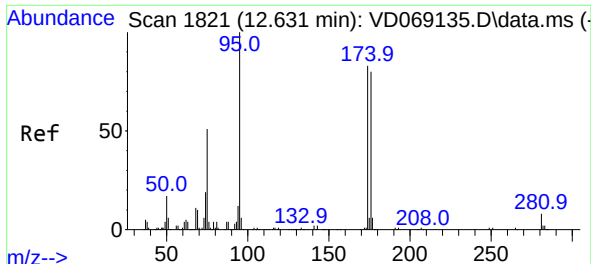
Tgt Ion: 98 Resp: 520922
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.8



#56
Ethyl methacrylate
Concen: 1.34 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 212.7 42.2 63.2#
39 107.3 26.3 39.5#

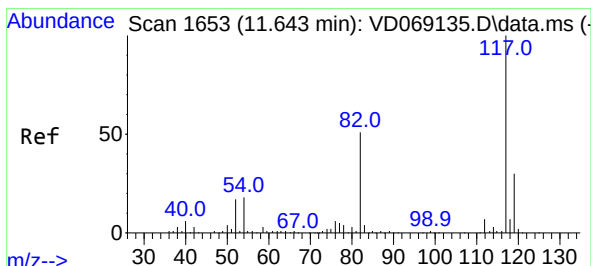
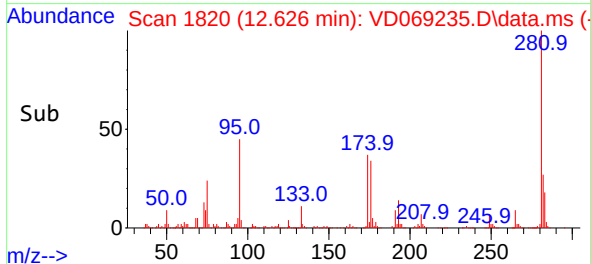
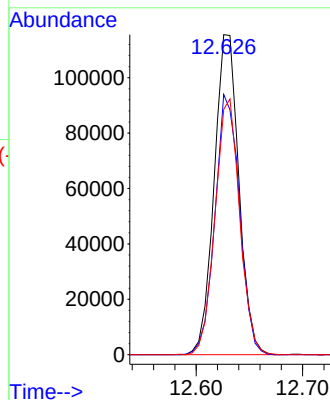
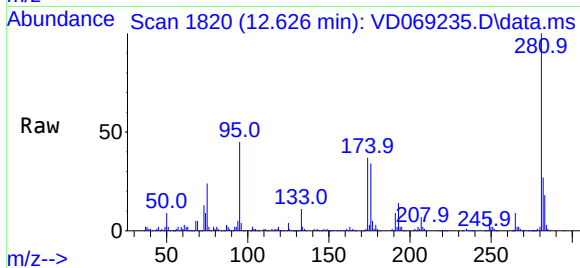




#62
4-Bromofluorobenzene
Concen: 59.62 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

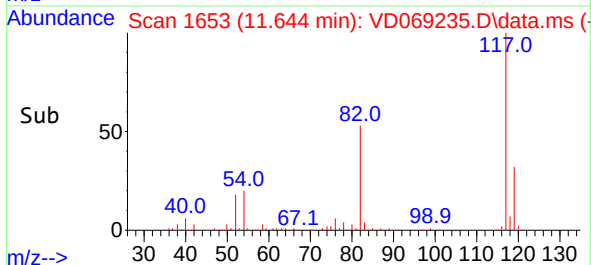
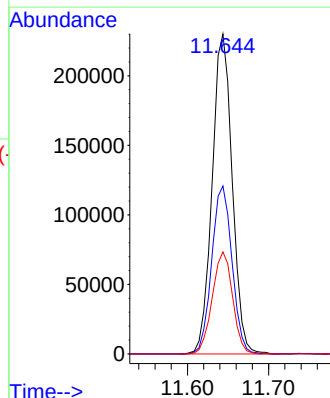
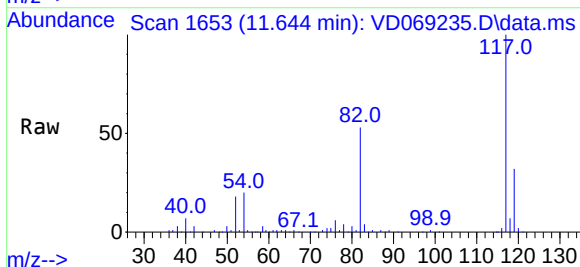
Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

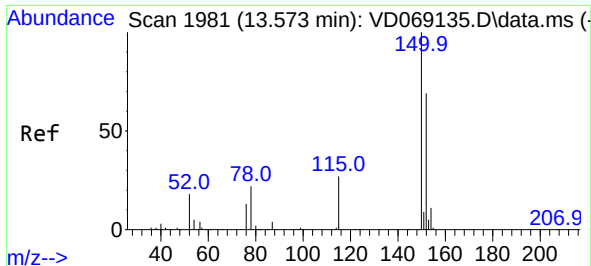
Tgt Ion: 95 Resp: 185902
Ion Ratio Lower Upper
95 100
174 80.9 0.0 171.8
176 79.6 0.0 165.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Tgt Ion: 117 Resp: 394615
Ion Ratio Lower Upper
117 100
82 52.5 40.5 60.7
119 31.9 24.2 36.4

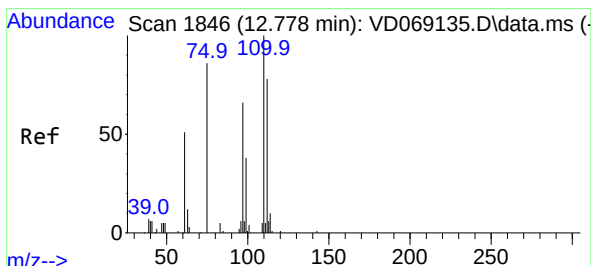
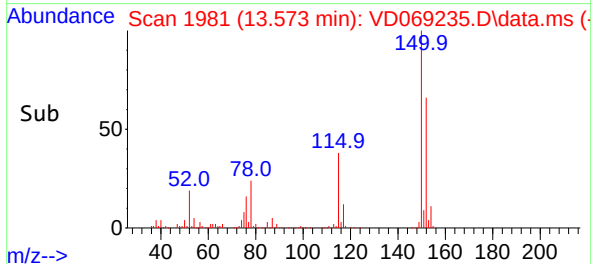
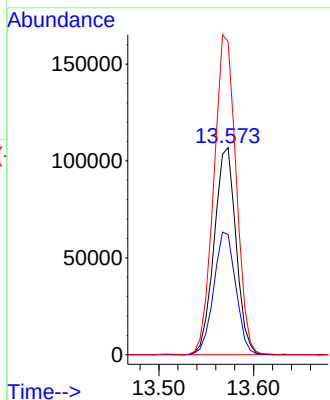
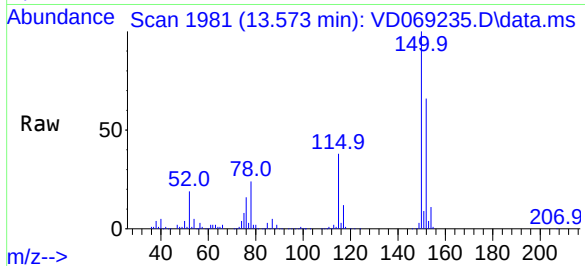




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

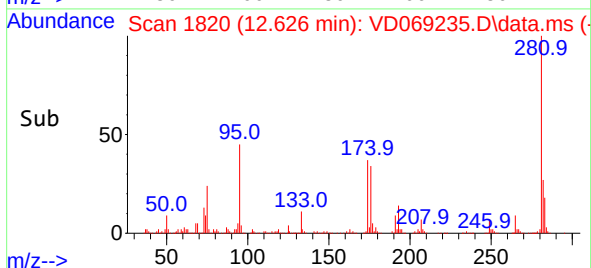
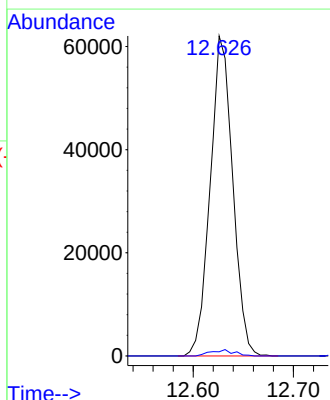
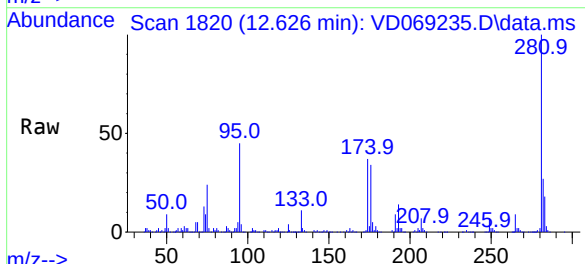
Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

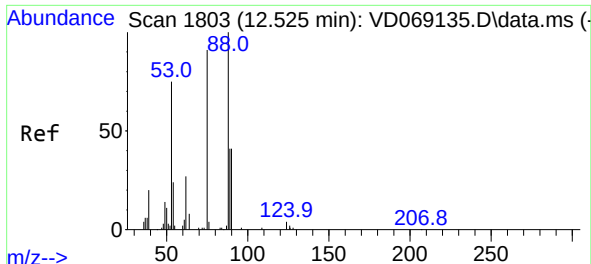
Tgt Ion:152 Resp: 171637
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.8
150 157.8 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 74.91 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Tgt Ion: 75 Resp: 96643
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

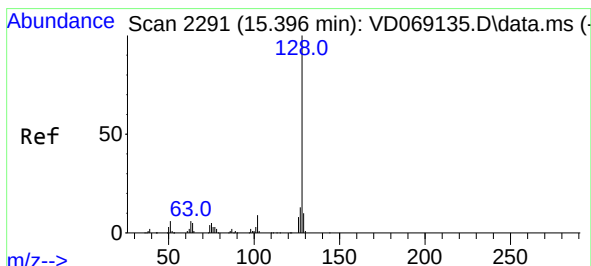
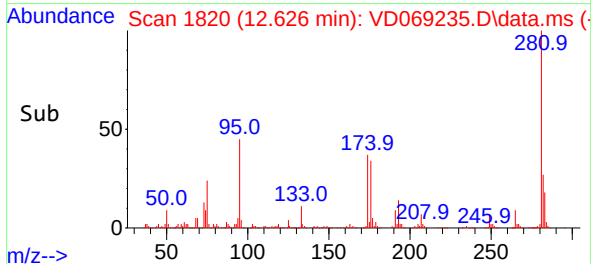
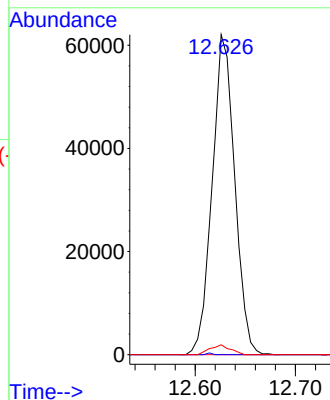
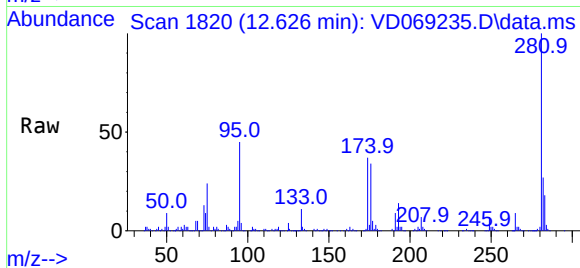




#81
trans-1,4-Dichloro-2-butene
Concen: 151.30 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Instrument :
MSVOA_D
ClientSampleId :
SB-1(7.5-8.0)

Tgt Ion: 75 Resp: 96643
Ion Ratio Lower Upper
75 100
53 0.1 70.0 105.0#
89 2.8 40.2 60.2#



#95
Naphthalene
Concen: 2.27 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069235.D
Acq: 21 May 2021 13:32

Tgt Ion:128 Resp: 1322
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 6.8 8.9 13.3#

