

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068036.D
 Acq On : 07 Jan 2021 16:07
 Operator : VA/SY
 Sample : M1044-10
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10

Quant Time: Jan 08 00:16:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

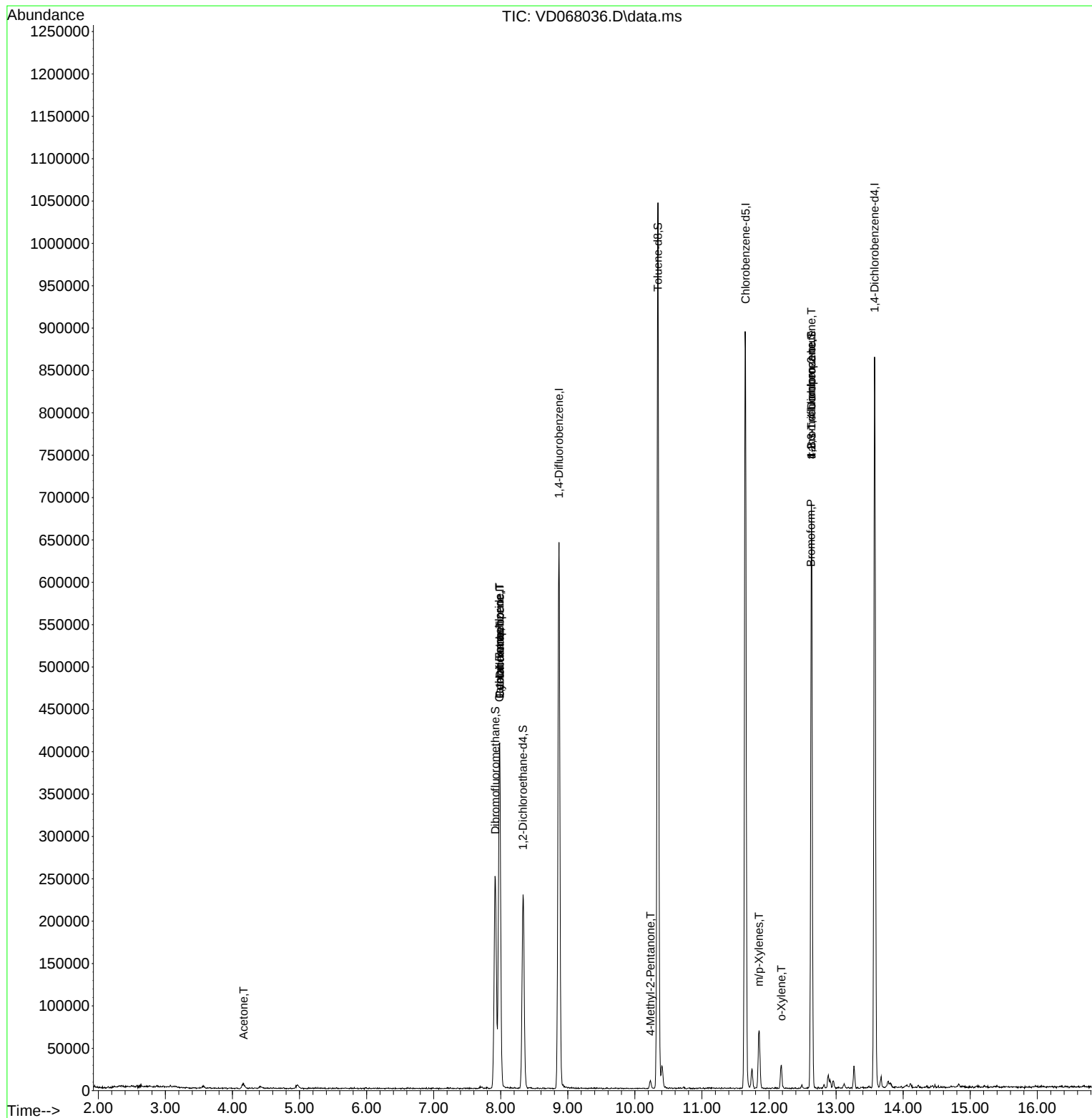
Internal Standards						
1) Pentafluorobenzene	7.985	168	289770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	545134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	526213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	225536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184297	58.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.80%			
35) Dibromofluoromethane	7.920	113	181384	52.81	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.62%			
50) Toluene-d8	10.344	98	696127	53.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.84%			
62) 4-Bromofluorobenzene	12.632	95	225492	51.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.12%			
Target Compounds						
5) Bromomethane	2.768	94	56	Below Cal	#	19
16) Acetone	4.168	43	9694	16.23	ug/l	95
20) Methylene Chloride	4.962	84	3513	Below Cal	#	70
31) Cyclohexane	7.985	56	7246	1.13	ug/l	# 1
36) 1,1-Dichloropropene	7.985	75	25831	4.46	ug/l	# 52
38) Carbon Tetrachloride	7.979	117	31820	5.75	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.232	43	6521	2.93	ug/l	98
68) m/p-Xylenes	11.849	106	22870	2.96	ug/l	93
69) o-Xylene	12.185	106	7538	1.09	ug/l	88
71) Bromoform	12.626	173	2114	1.03	ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	117301	61.77	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	117301	126.63	ug/l	# 12

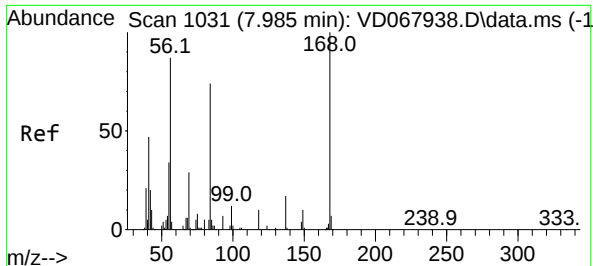
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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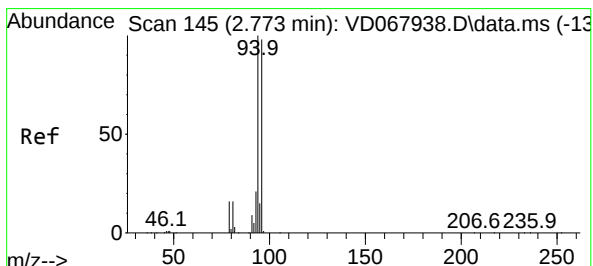
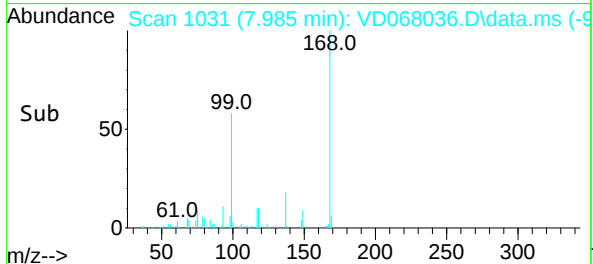
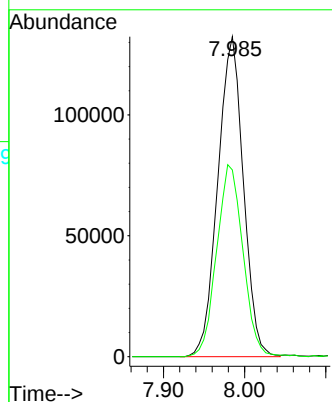
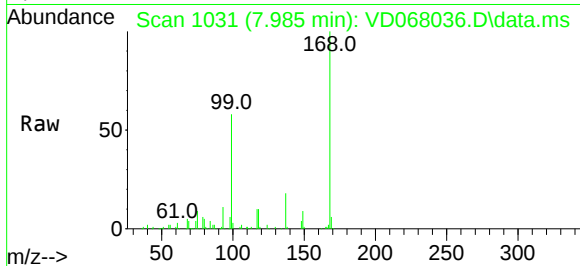




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

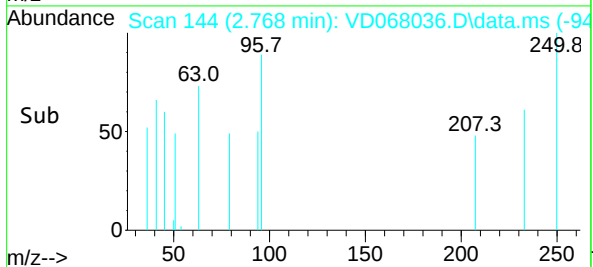
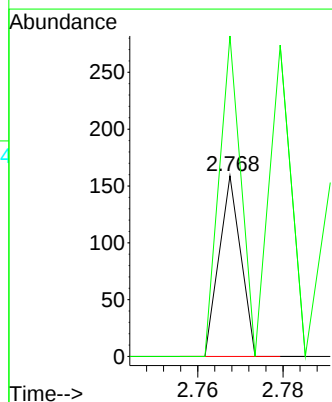
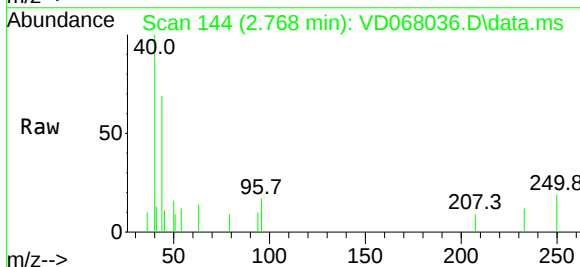
Instrument :
MSVOA_D
ClientSampled :
TP-10

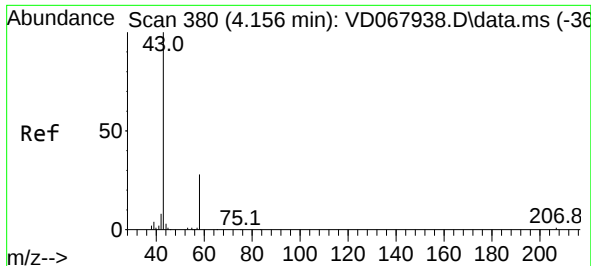
Tgt Ion:168 Resp: 289770
Ion Ratio Lower Upper
168 100
99 58.4 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

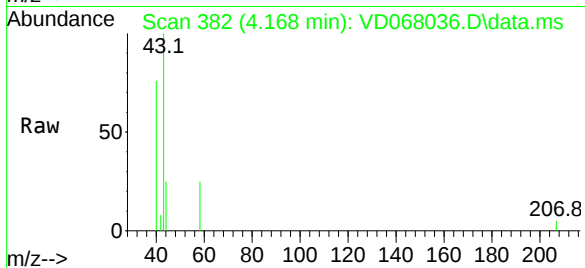
Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 177.4 78.0 117.0#



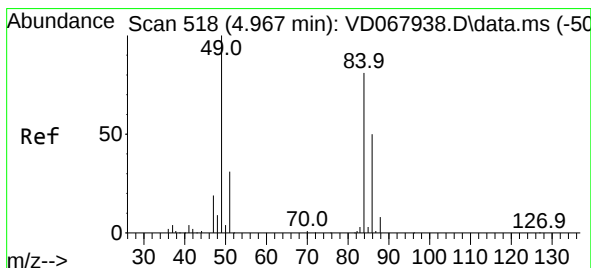
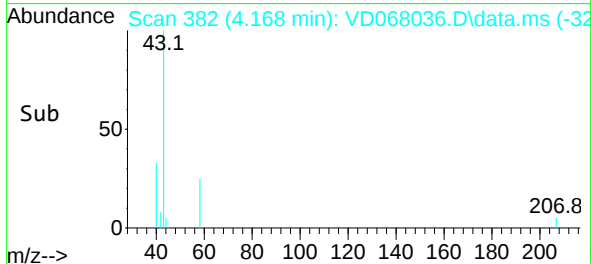
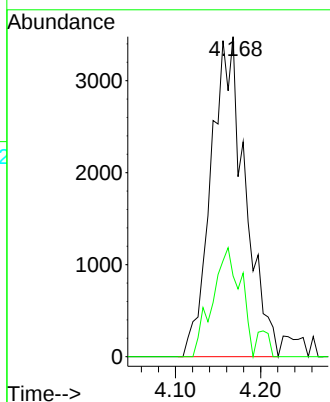


#16
Acetone
Concen: 16.23 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampled :
TP-10

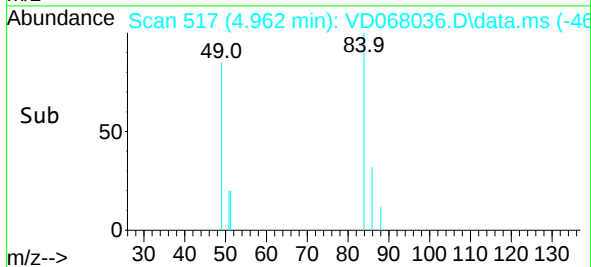
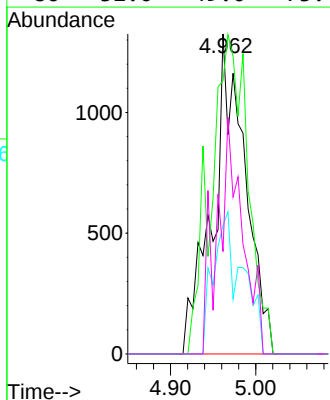
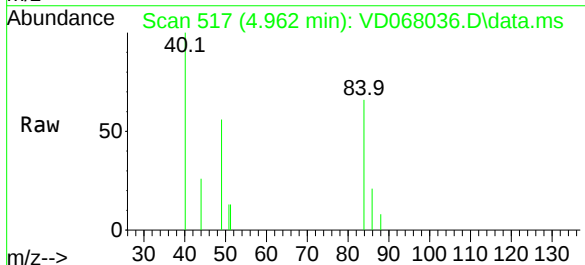


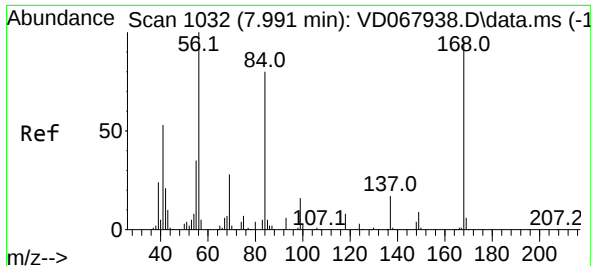
Tgt Ion: 43 Resp: 9694
Ion Ratio Lower Upper
43 100
58 25.2 22.3 33.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

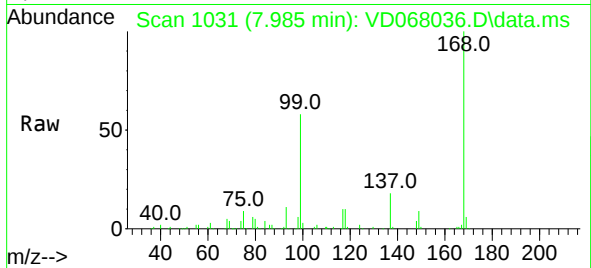
Tgt Ion: 84 Resp: 3513
Ion Ratio Lower Upper
84 100
49 85.4 98.3 147.5#
51 40.2 30.3 45.5
86 32.0 49.0 73.4#



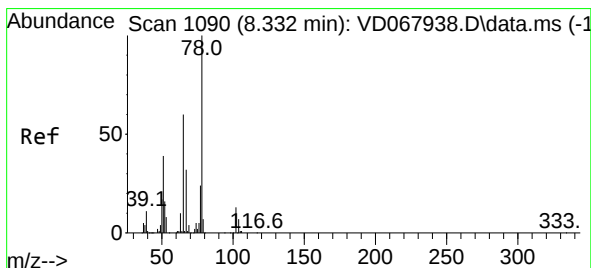
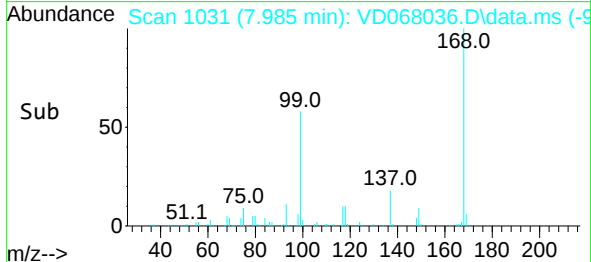
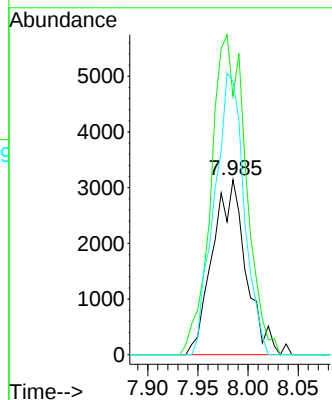


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampled :
TP-10

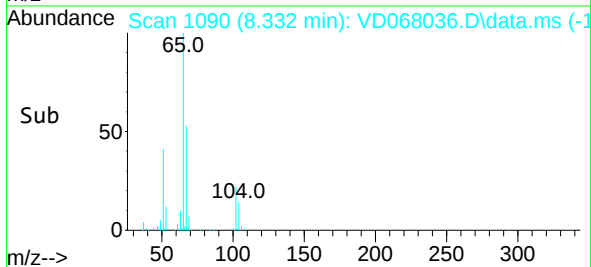
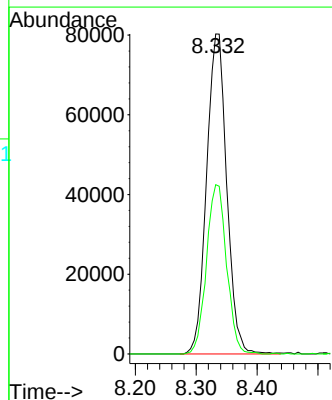
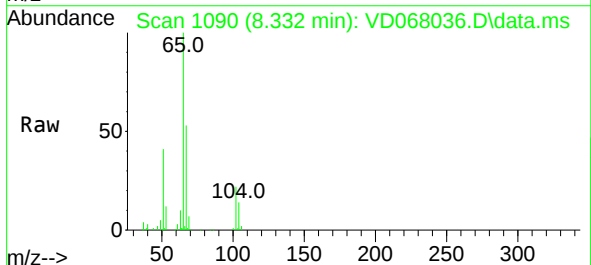


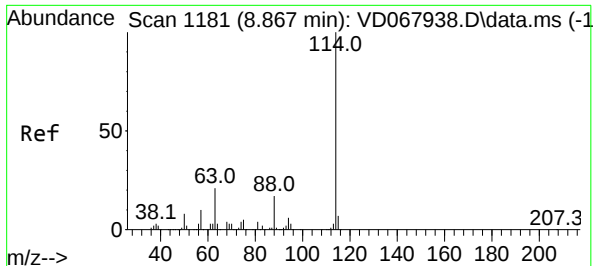
Tgt Ion: 56 Resp: 7246
Ion Ratio Lower Upper
56 100
69 147.7 22.7 34.1#
84 156.4 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 58.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion: 65 Resp: 184297
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.0



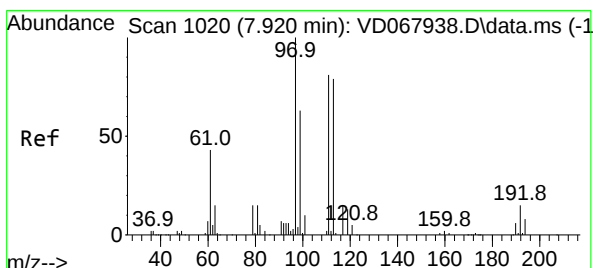
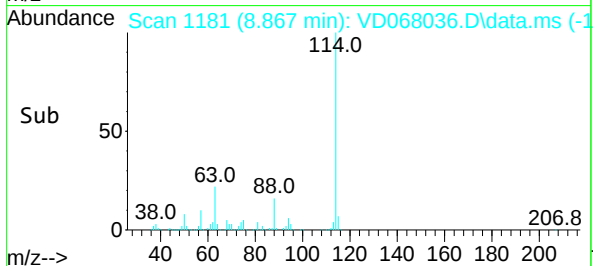
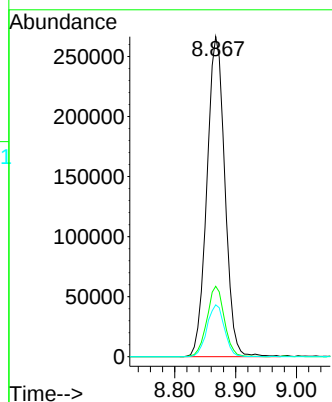
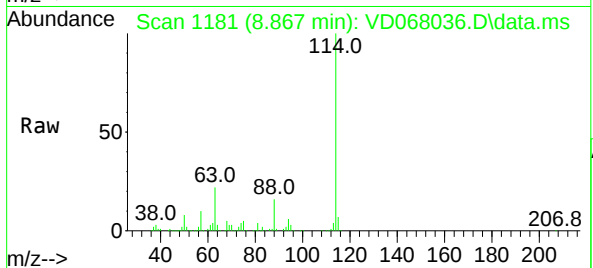


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampled :
TP-10

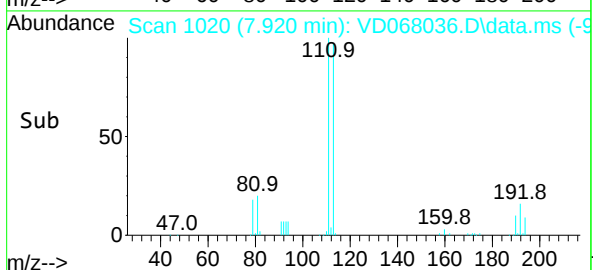
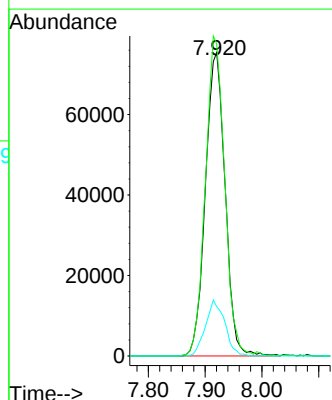
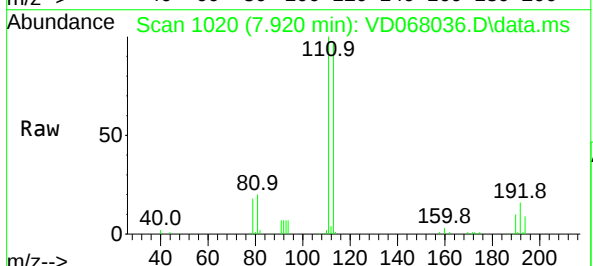
Tgt Ion:114 Resp: 545134
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.4
88 16.2 0.0 33.2

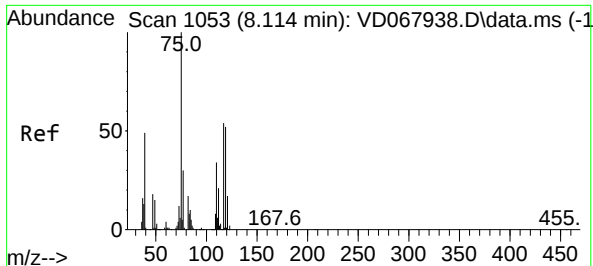


#35

Dibromofluoromethane
Concen: 52.81 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion:113 Resp: 181384
Ion Ratio Lower Upper
113 100
111 103.0 79.3 118.9
192 18.1 14.5 21.7

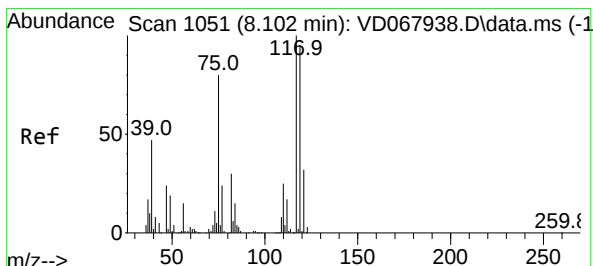
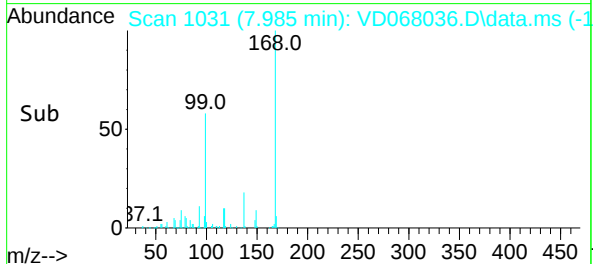
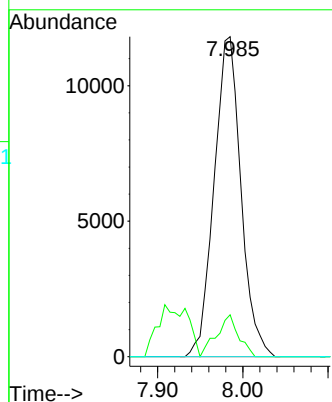
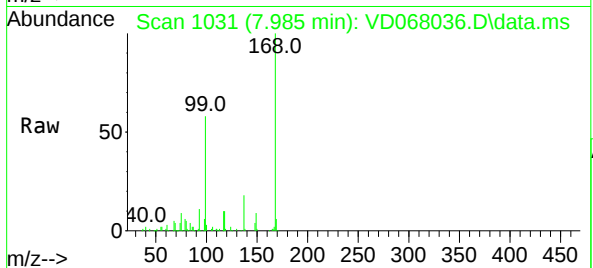




#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

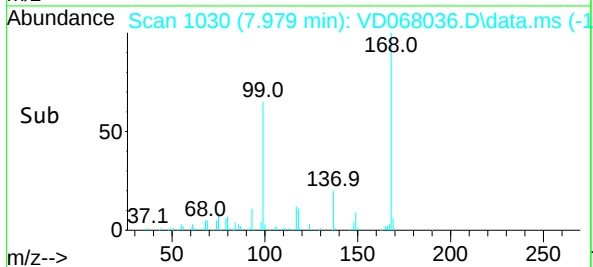
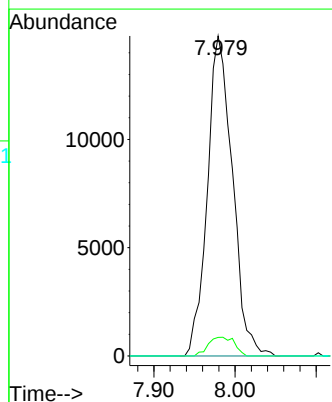
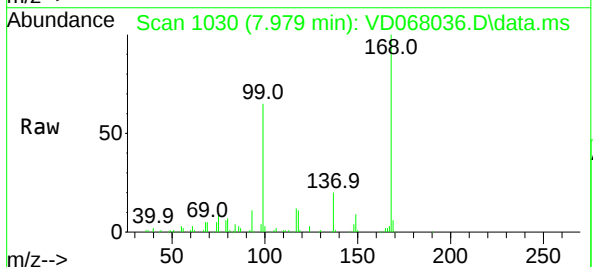
Instrument :
MSVOA_D
ClientSampled :
TP-10

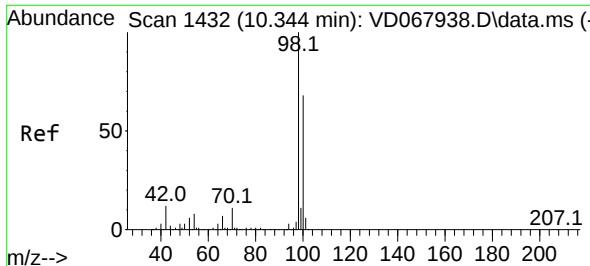
Tgt Ion: 75 Resp: 25831
Ion Ratio Lower Upper
75 100
110 10.7 17.0 51.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion: 117 Resp: 31820
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.4#
121 0.0 25.9 38.9#

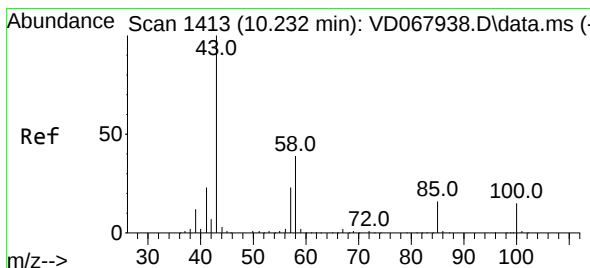
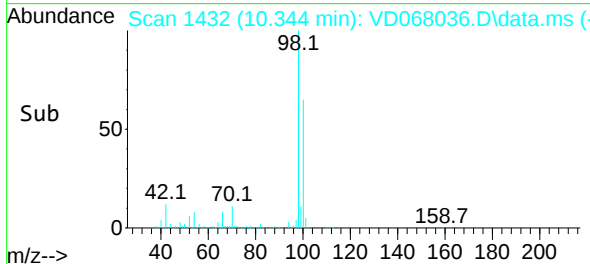
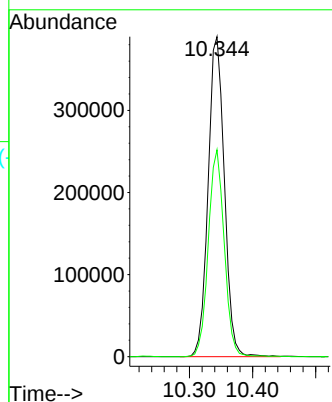
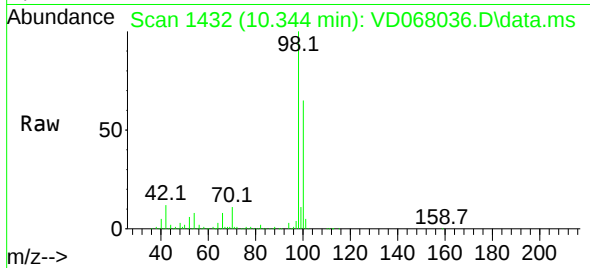




#50
Toluene-d8
Concen: 53.92 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

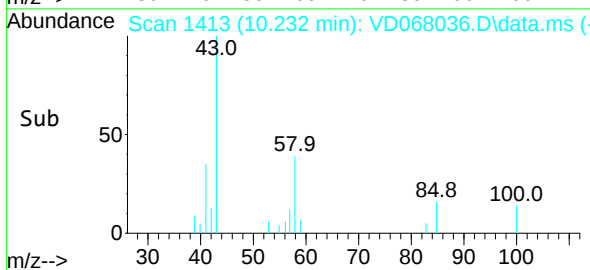
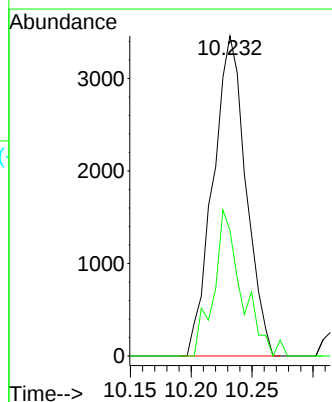
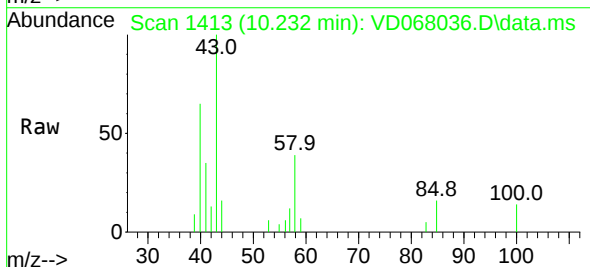
Instrument :
MSVOA_D
ClientSampled :
TP-10

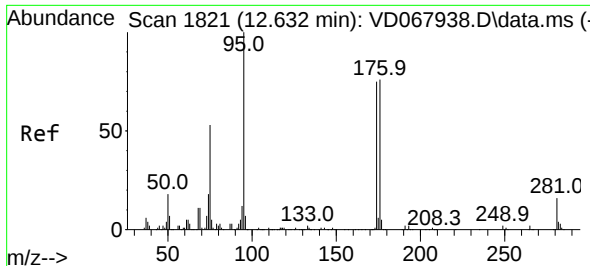
Tgt Ion: 98 Resp: 696127
Ion Ratio Lower Upper
98 100
100 63.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 2.93 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion: 43 Resp: 6521
Ion Ratio Lower Upper
43 100
58 38.8 30.0 45.0

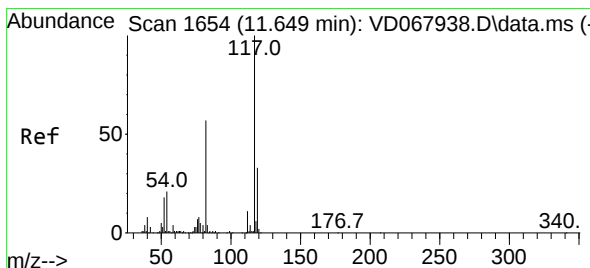
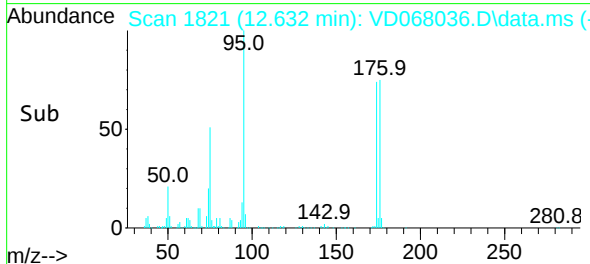
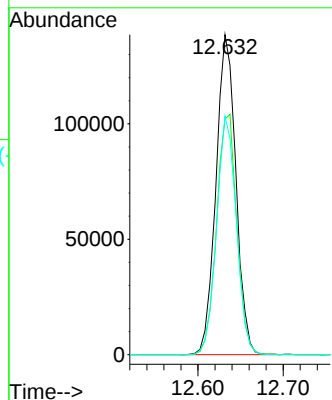
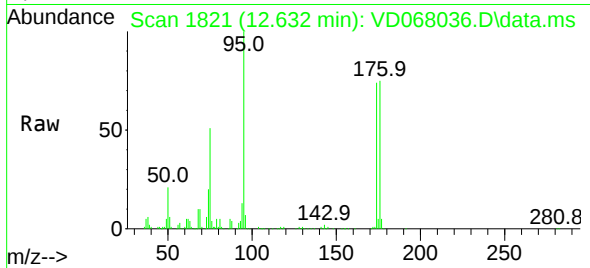




#62
4-Bromofluorobenzene
Concen: 51.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

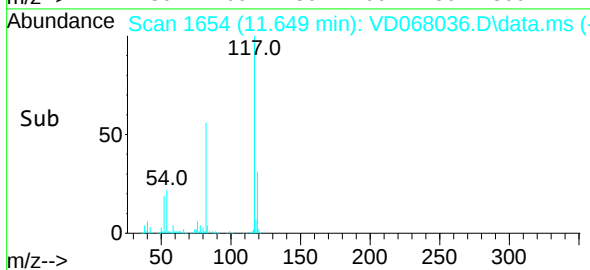
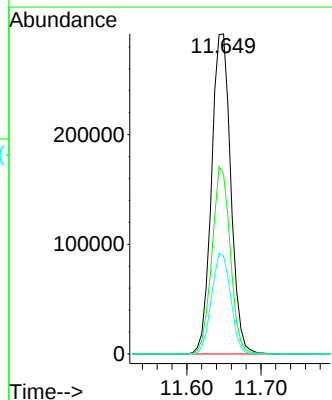
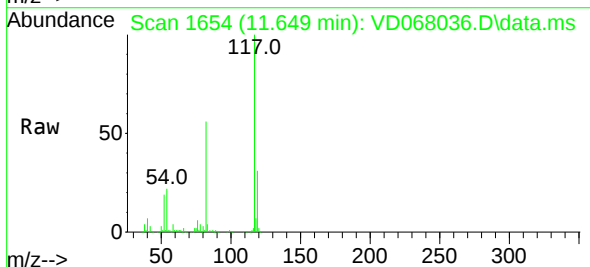
Instrument :
MSVOA_D
ClientSampleId :
TP-10

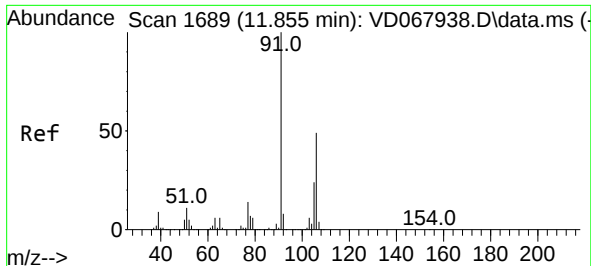
Tgt Ion: 95 Resp: 225492
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.6
176 73.6 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion: 117 Resp: 526213
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 30.6 26.7 40.1

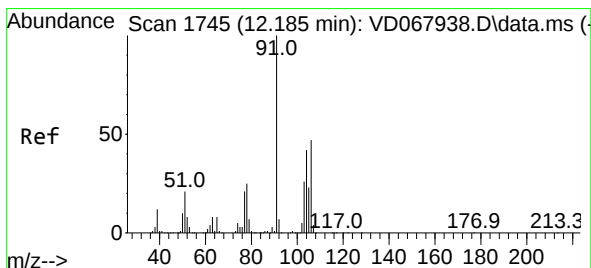
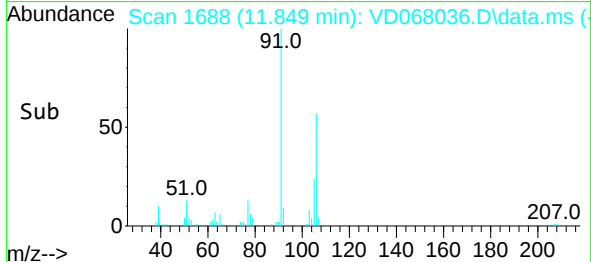
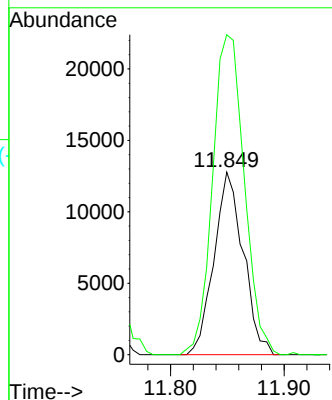
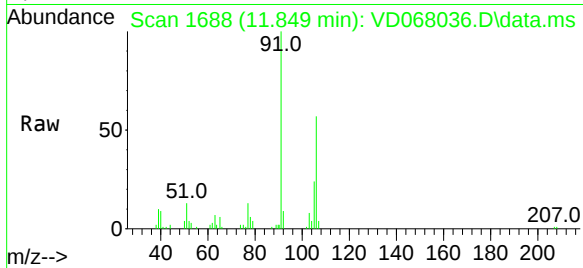




#68
m/p-Xylenes
Concen: 2.96 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

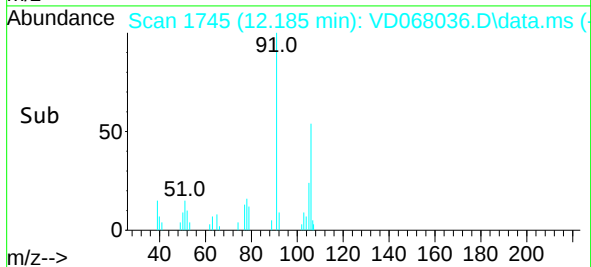
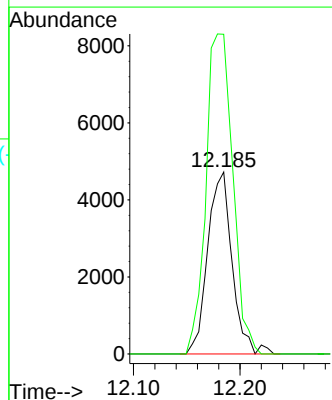
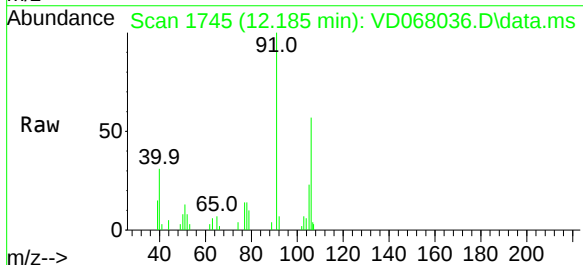
Instrument :
MSVOA_D
ClientSampleId :
TP-10

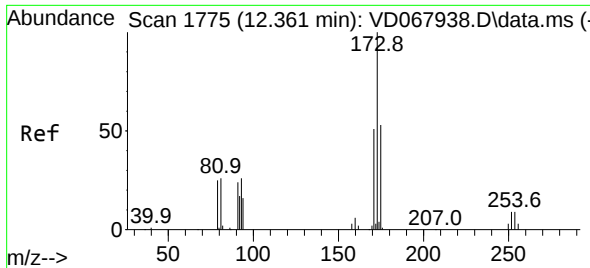
Tgt Ion:106 Resp: 22870
Ion Ratio Lower Upper
106 100
91 189.7 159.9 239.9



#69
o-Xylene
Concen: 1.09 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion:106 Resp: 7538
Ion Ratio Lower Upper
106 100
91 193.1 106.0 317.9

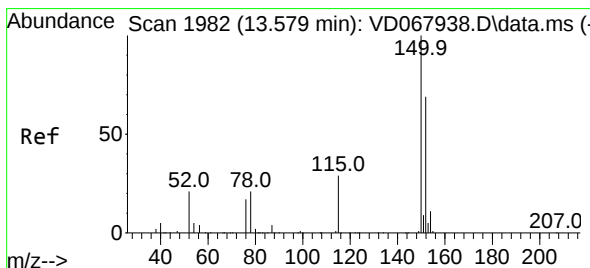
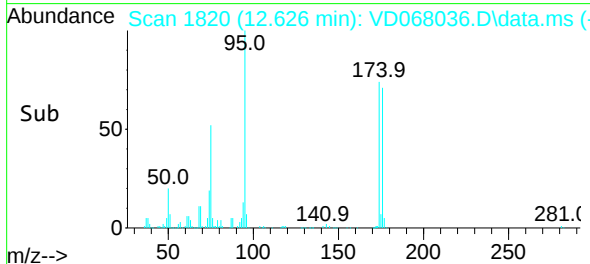
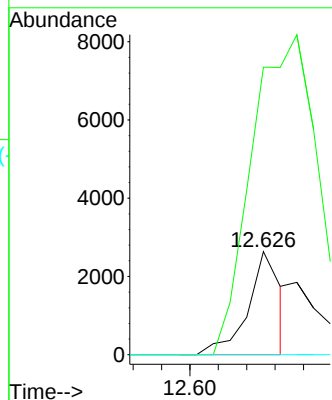
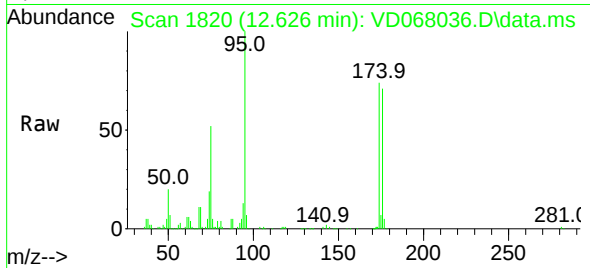




#71
Bromoform
Concen: 1.03 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

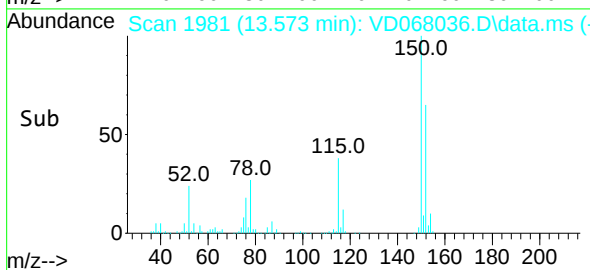
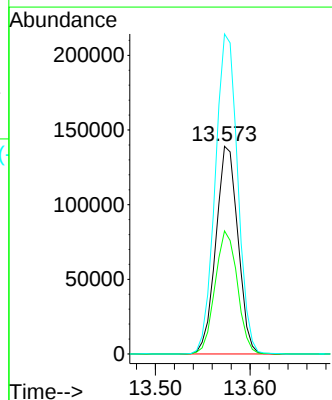
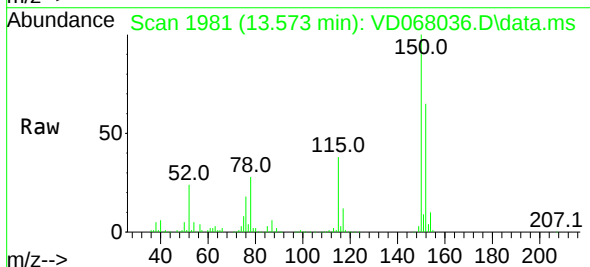
Instrument :
MSVOA_D
ClientSampled :
TP-10

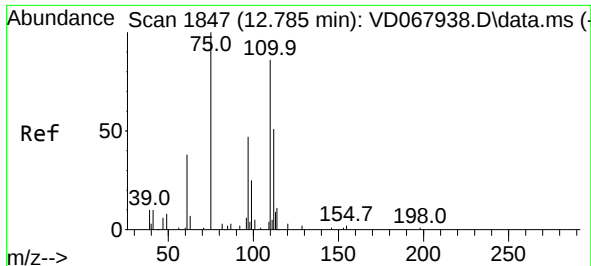
Tgt Ion:173 Resp: 2114
Ion Ratio Lower Upper
173 100
175 338.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion:152 Resp: 225536
Ion Ratio Lower Upper
152 100
115 59.8 29.3 88.0
150 156.8 0.0 340.0

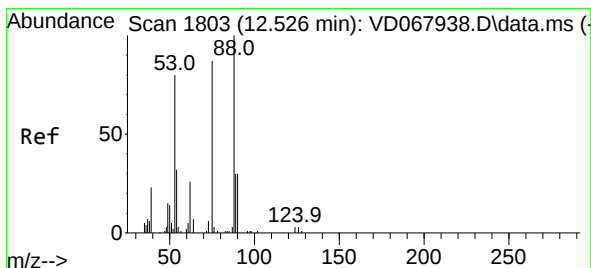
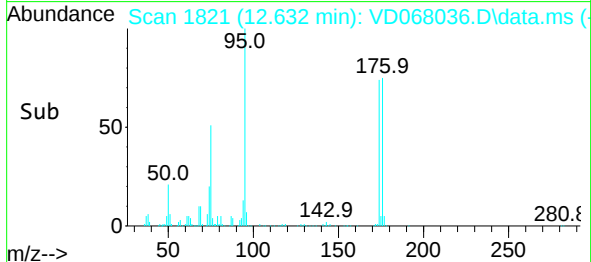
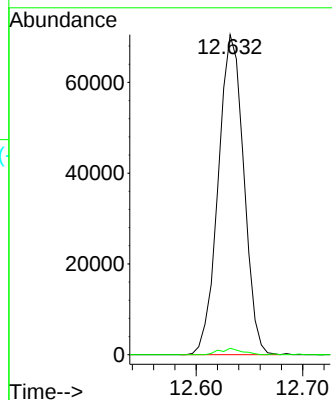
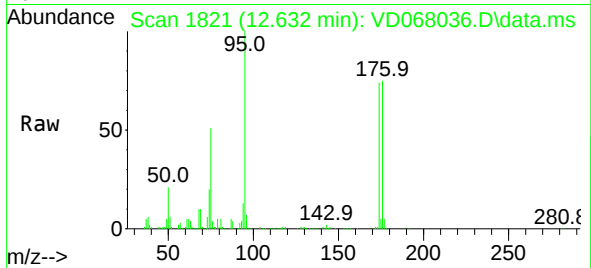




#76
1,2,3-Trichloropropane
Concen: 61.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Instrument :
MSVOA_D
ClientSampled :
TP-10

Tgt Ion: 75 Resp: 117301
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068036.D
Acq: 07 Jan 2021 16:07

Tgt Ion: 75 Resp: 117301
Ion Ratio Lower Upper
75 100
53 0.2 74.9 112.3#
89 0.0 33.8 50.8#

