

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
 Data File : VD067987.D
 Acq On : 04 Jan 2021 11:23
 Operator : VA/SY
 Sample : VD0104SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBL01

Quant Time: Jan 05 00:07:09 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)

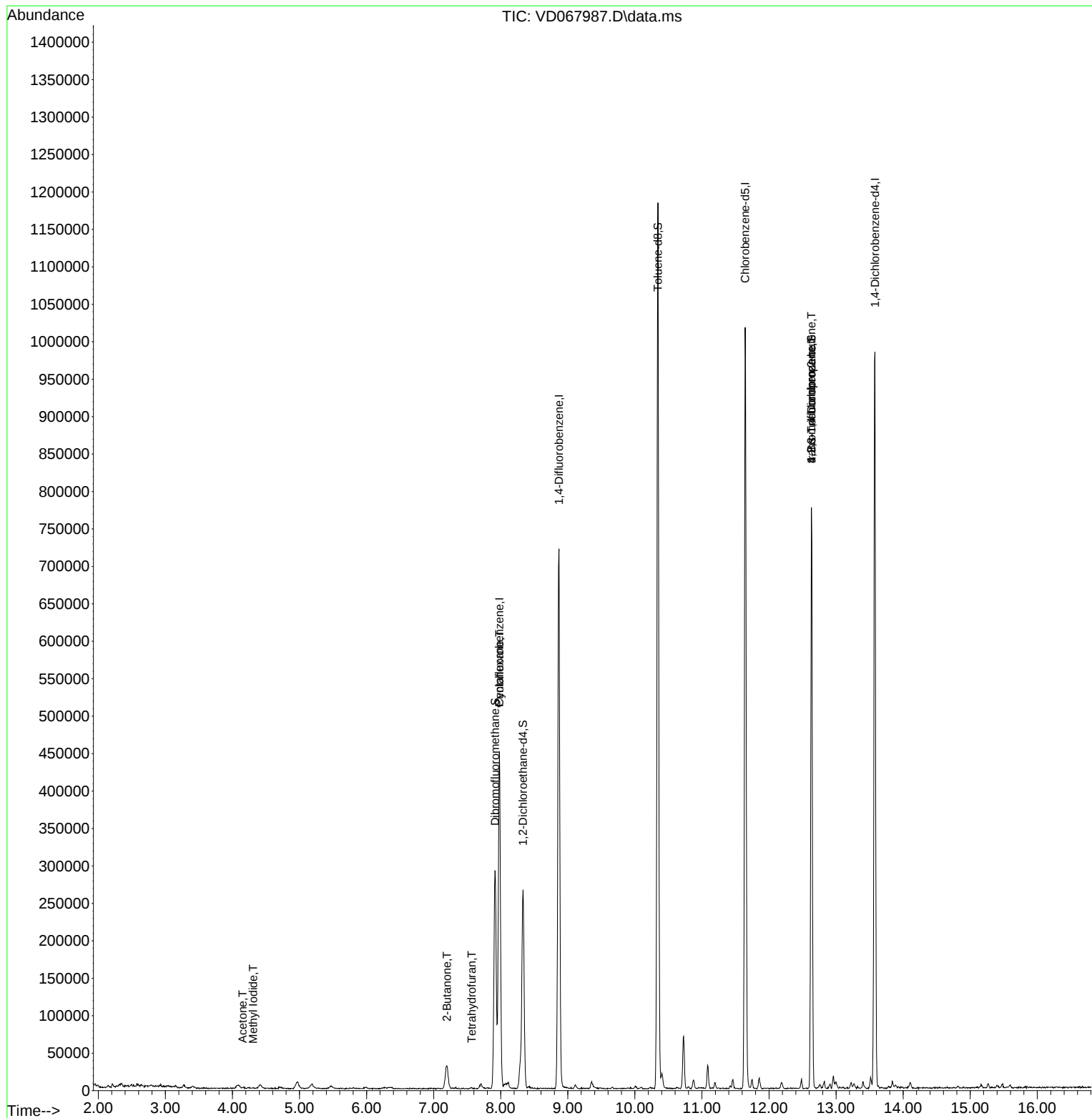
Internal Standards						
1) Pentafluorobenzene	7.979	168	309945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	619264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	582327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	256593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	211363	63.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.30%			
35) Dibromofluoromethane	7.914	113	214793	55.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.10%			
50) Toluene-d8	10.344	98	790567	53.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.80%			
62) 4-Bromofluorobenzene	12.632	95	251331	50.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.20%			
Target Compounds						
5) Bromomethane	2.791	94	1844	Below Cal	#	64
10) Methyl Iodide	4.309	142	1095	4.13 ug/l	#	83
11) Tert butyl alcohol	5.179	59	5767	Below Cal	#	74
16) Acetone	4.150	43	1377	2.15 ug/l	#	85
20) Methylene Chloride	4.968	84	6710	Below Cal	#	78
25) 2-Butanone	7.197	43	2362	2.51 ug/l		97
29) Tetrahydrofuran	7.567	42	919	1.44 ug/l	#	63
31) Cyclohexane	7.979	56	10154	1.48 ug/l	#	10
76) 1,2,3-Trichloropropane	12.632	75	129680	60.03 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	129680	123.04 ug/l	#	13

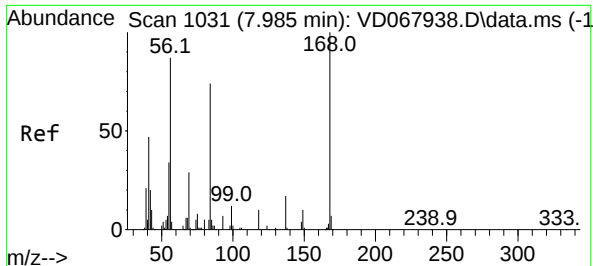
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010421\
Data File : VD067987.D
Acq On : 04 Jan 2021 11:23
Operator : VA/SY
Sample : VD0104SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

Quant Time: Jan 05 00:07:09 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

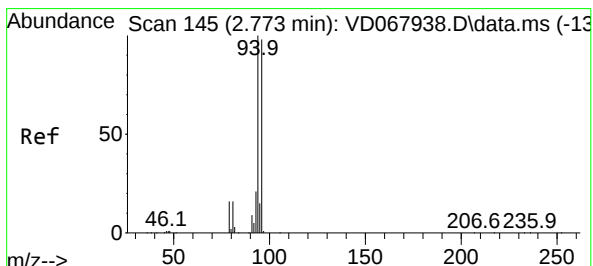
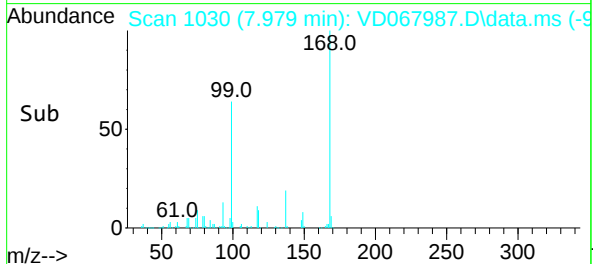
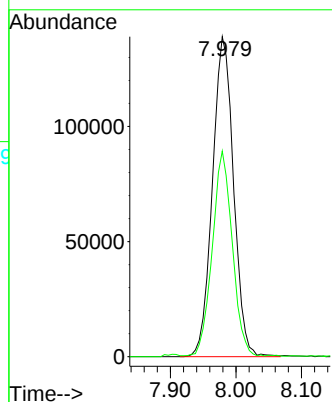
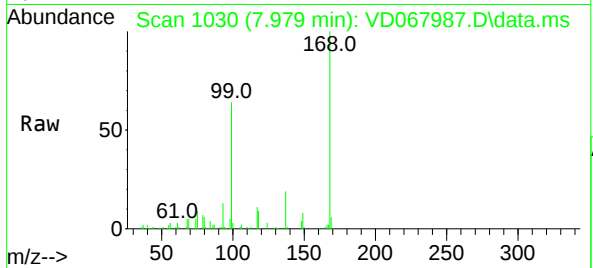




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

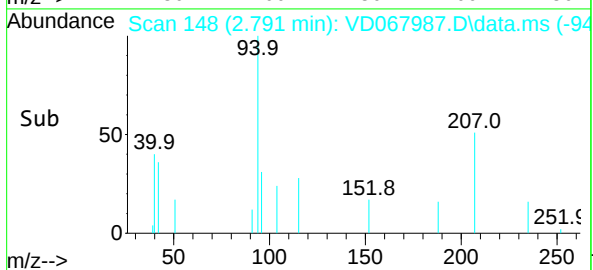
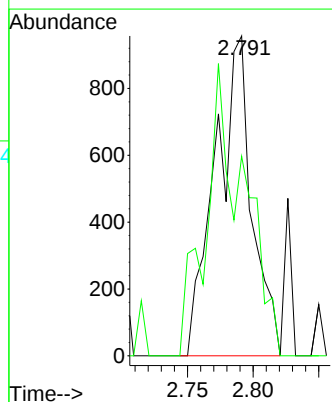
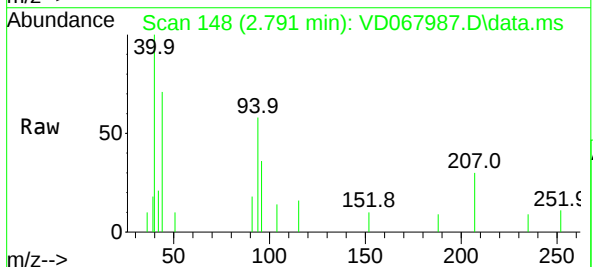
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

Tgt Ion:168 Resp: 309945
Ion Ratio Lower Upper
168 100
99 64.0 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.018 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Tgt Ion: 94 Resp: 1844
Ion Ratio Lower Upper
94 100
96 62.4 78.0 117.0#

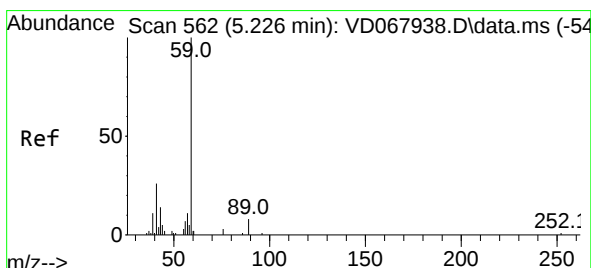
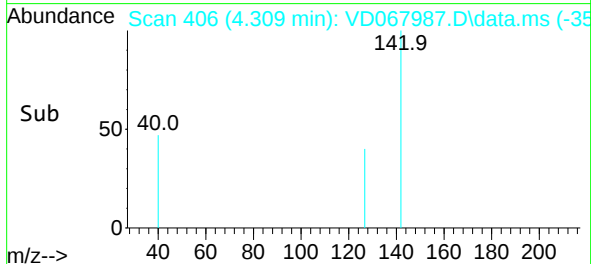
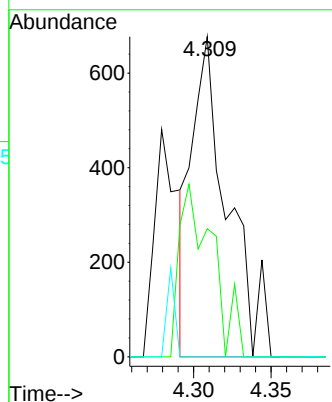
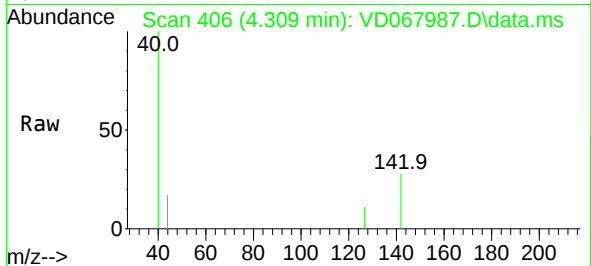




#10
Methyl Iodide
Concen: 4.13 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

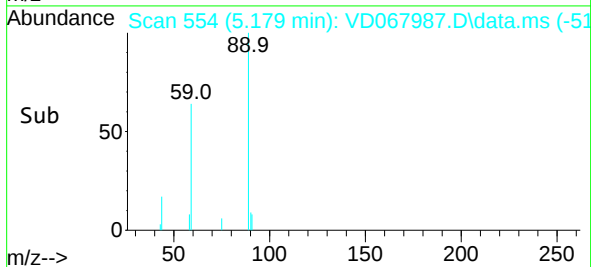
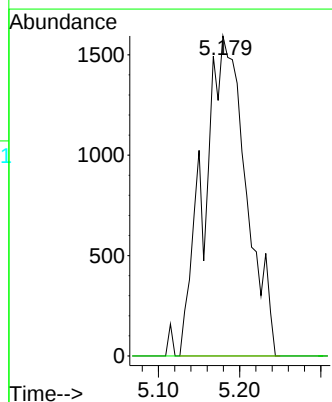
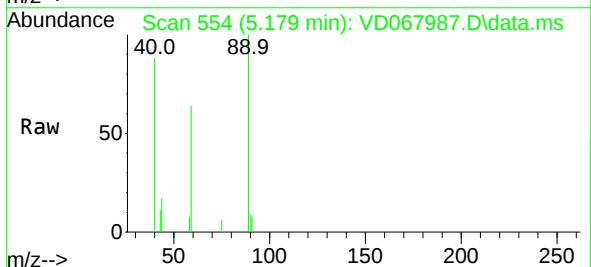
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

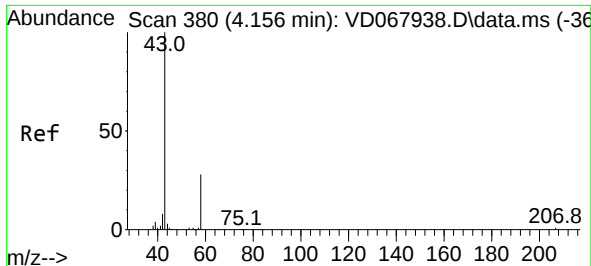
Tgt Ion:142 Resp: 1095
Ion Ratio Lower Upper
142 100
127 50.0 34.4 51.6
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

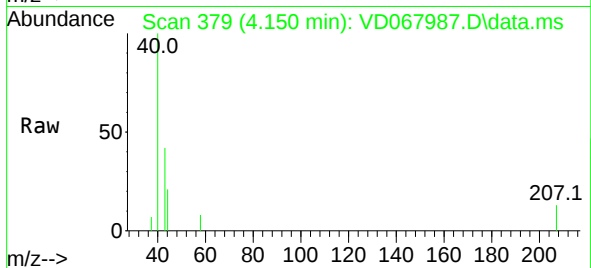
Tgt Ion: 59 Resp: 5767
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



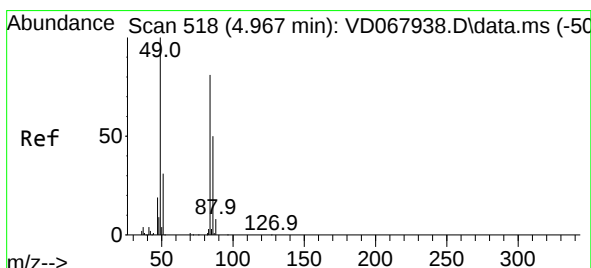
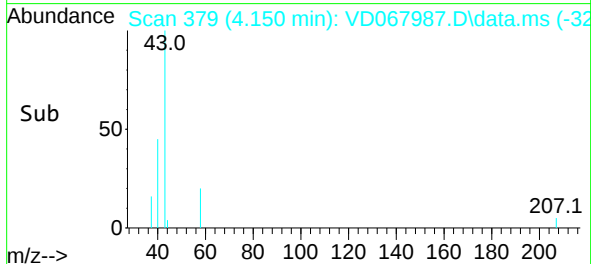
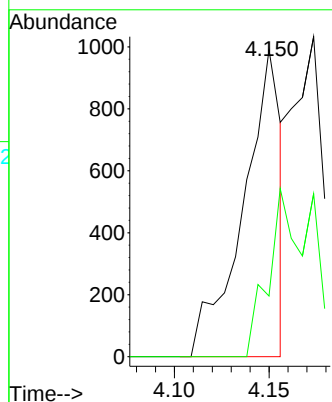


#16
Acetone
Concen: 2.15 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

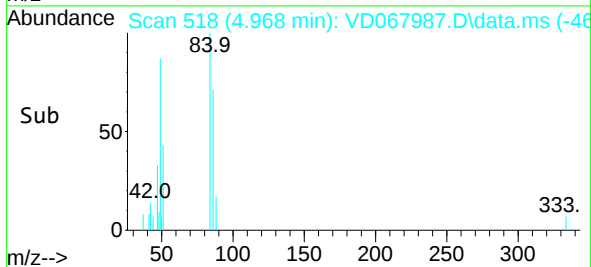
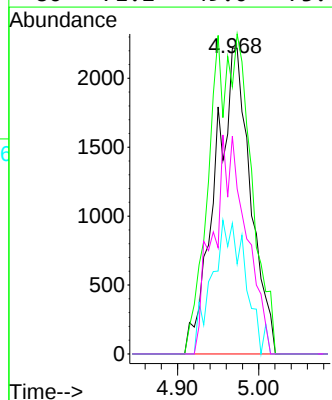
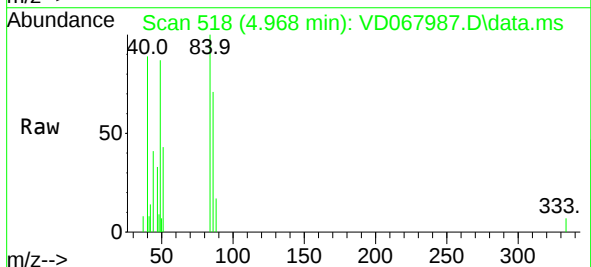


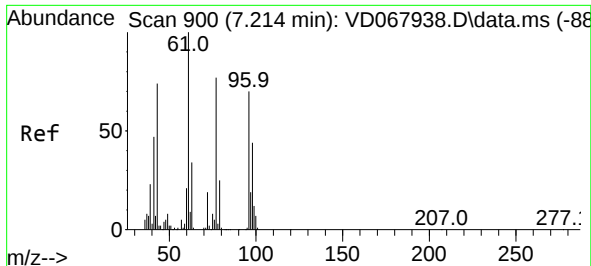
Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 19.8 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Tgt Ion: 84 Resp: 6710
Ion Ratio Lower Upper
84 100
49 87.3 98.3 147.5#
51 42.7 30.3 45.5
86 71.2 49.0 73.4

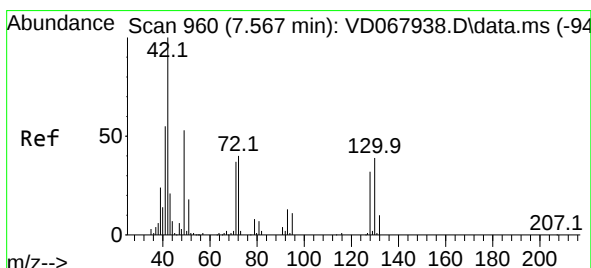
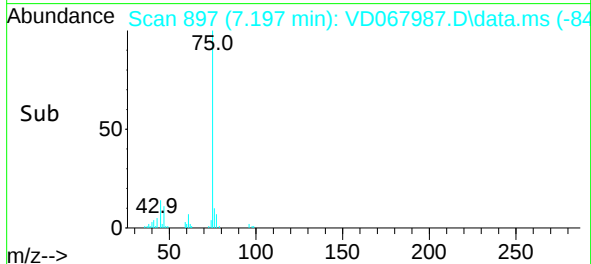
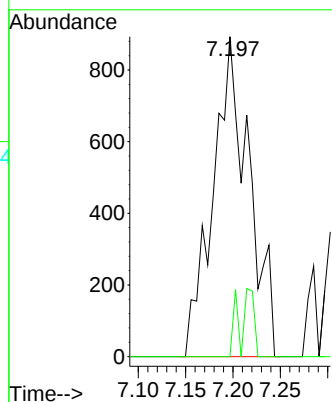
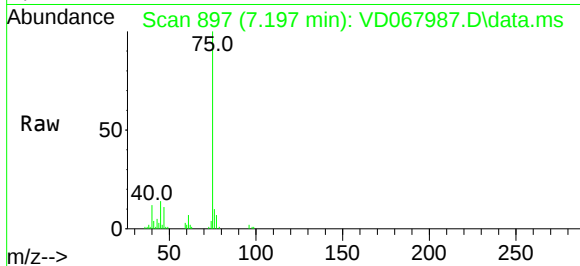




#25
2-Butanone
Concen: 2.51 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.017 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

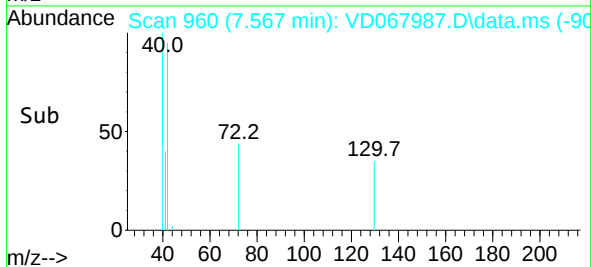
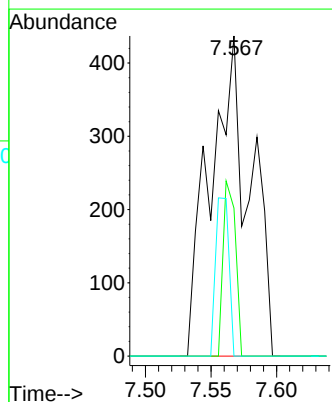
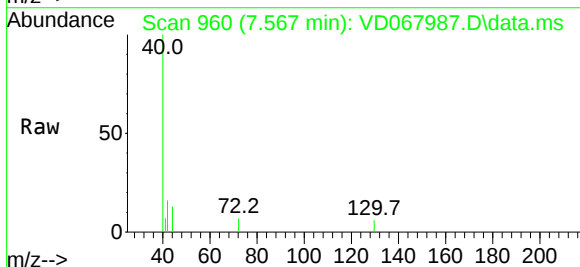
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

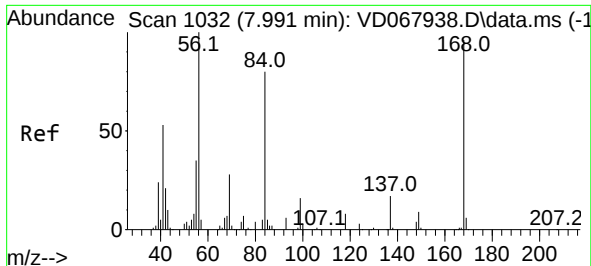
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
72 24.3 20.8 31.2



#29
Tetrahydrofuran
Concen: 1.44 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Tgt Ion: 42 Resp: 919
Ion Ratio Lower Upper
42 100
72 17.0 32.9 49.3#
71 16.5 29.9 44.9#

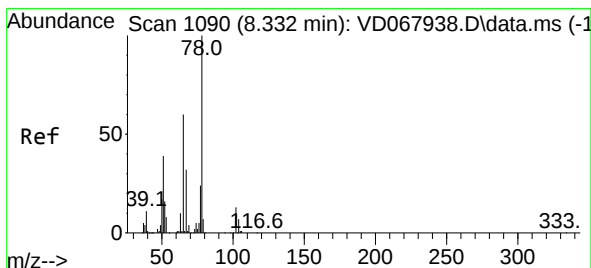
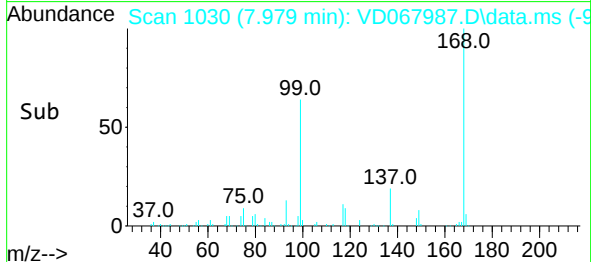
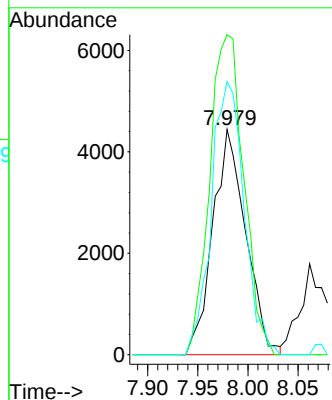
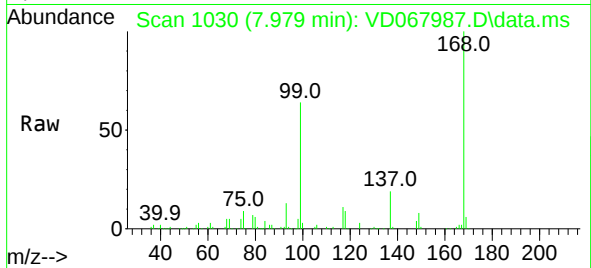




#31
Cyclohexane
Concen: 1.48 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

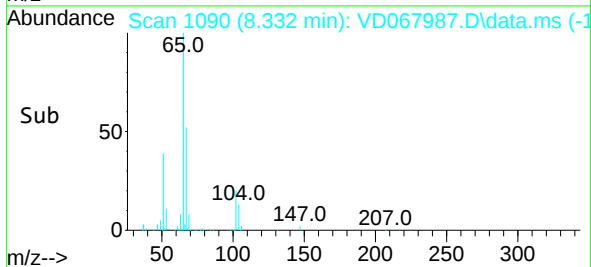
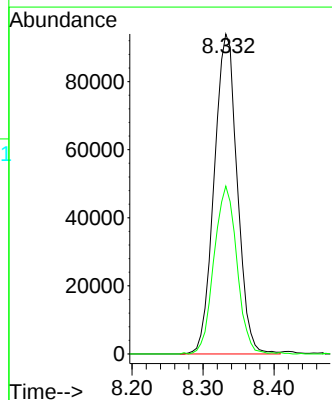
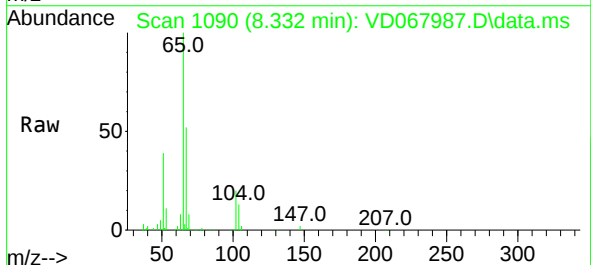
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

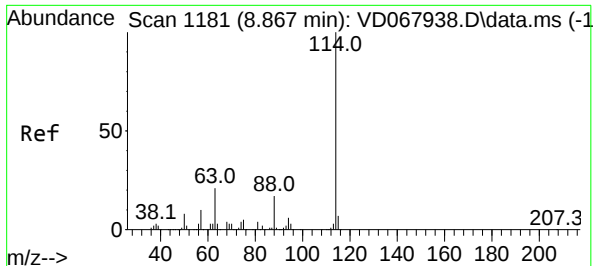
Tgt Ion: 56 Resp: 10154
Ion Ratio Lower Upper
56 100
69 142.2 22.7 34.1#
84 121.4 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 63.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

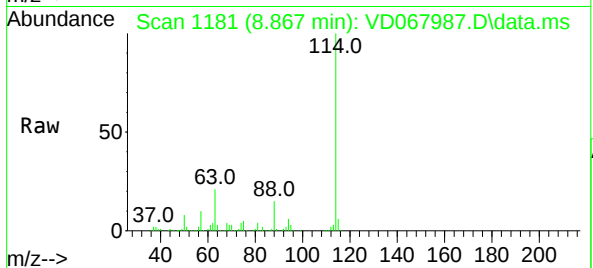
Tgt Ion: 65 Resp: 211363
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.0



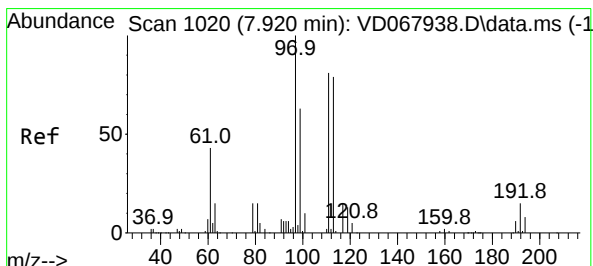
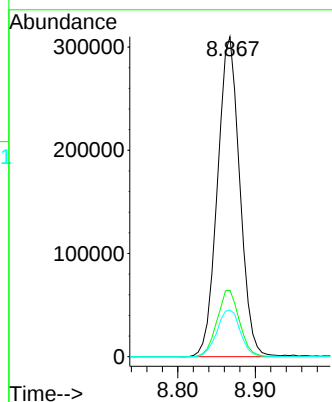
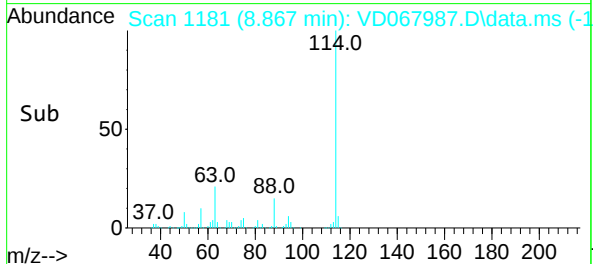


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

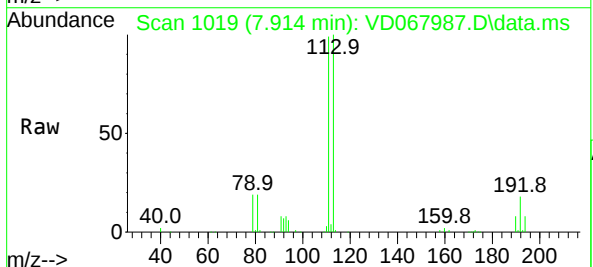
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01



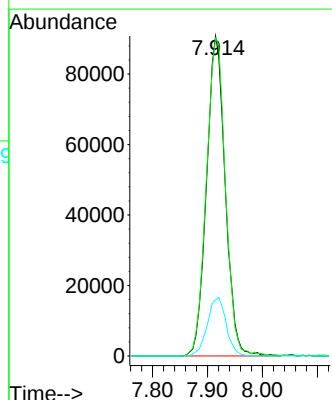
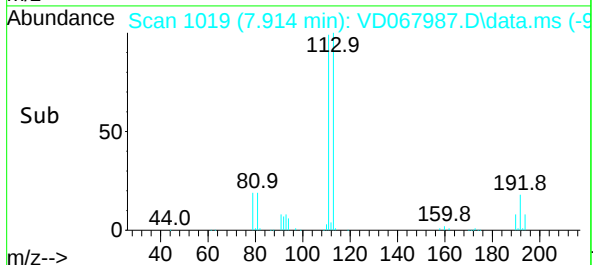
Tgt Ion:114 Resp: 619264
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.4
88 14.6 0.0 33.2

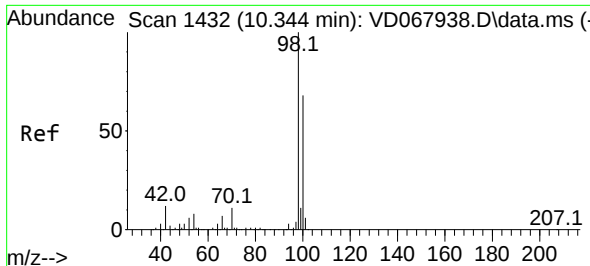


#35
Dibromofluoromethane
Concen: 55.05 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23



Tgt Ion:113 Resp: 214793
Ion Ratio Lower Upper
113 100
111 101.6 79.3 118.9
192 18.4 14.5 21.7

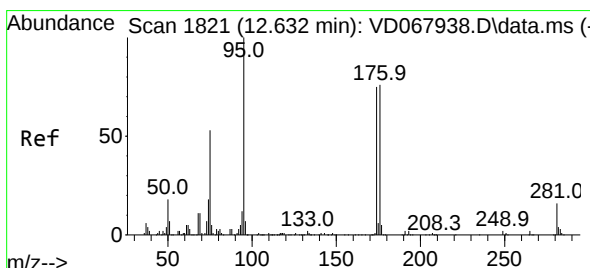
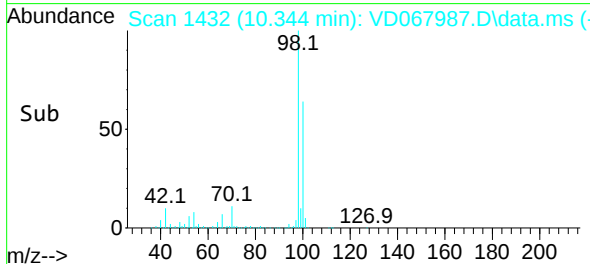
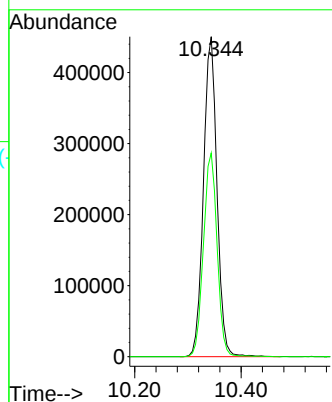
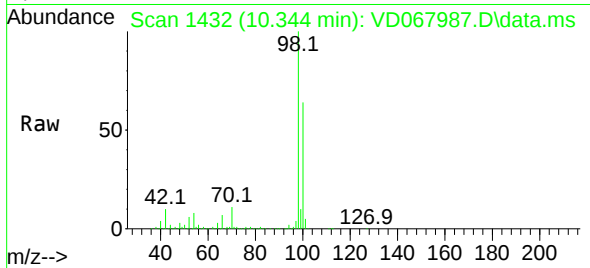




#50
Toluene-d8
Concen: 53.90 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

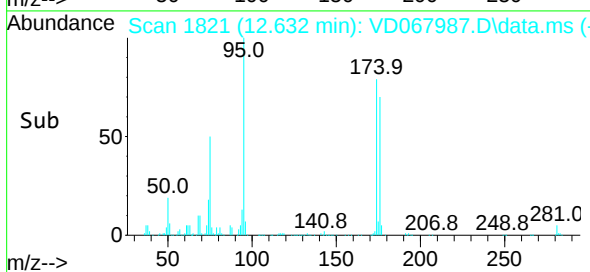
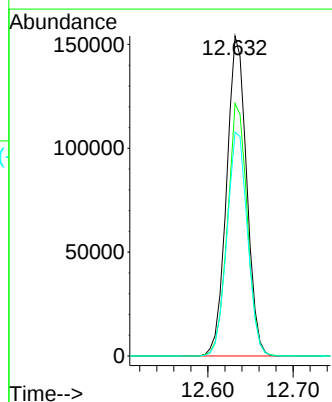
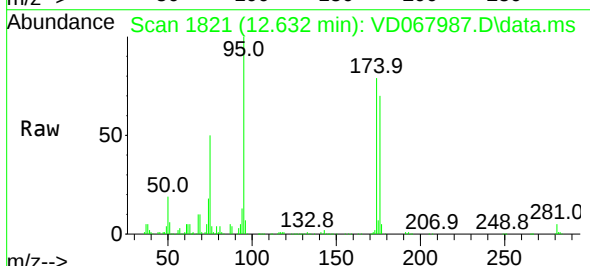
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

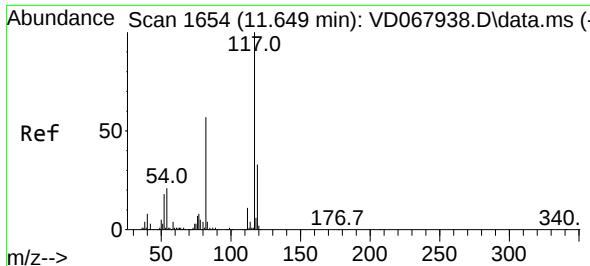
Tgt Ion: 98 Resp: 790567
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.10 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Tgt Ion: 95 Resp: 251331
Ion Ratio Lower Upper
95 100
174 77.8 0.0 150.6
176 71.7 0.0 151.2

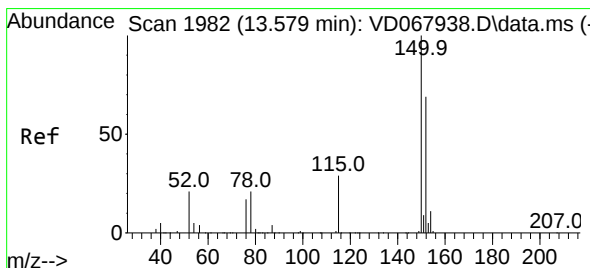
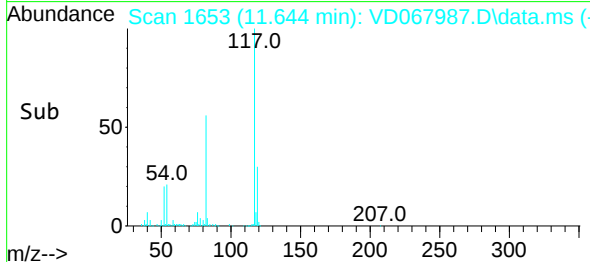
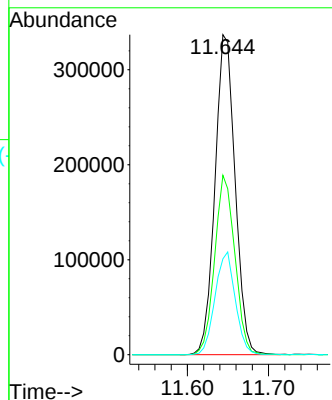
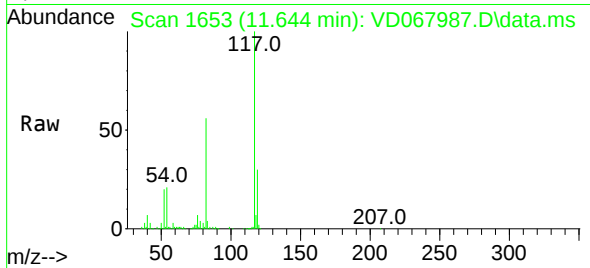




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

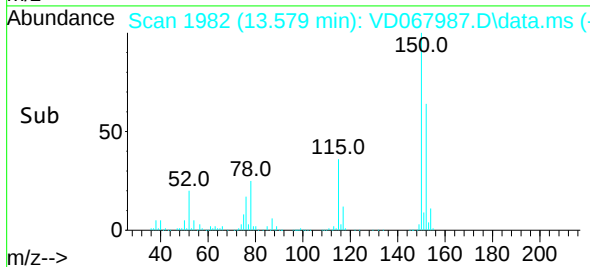
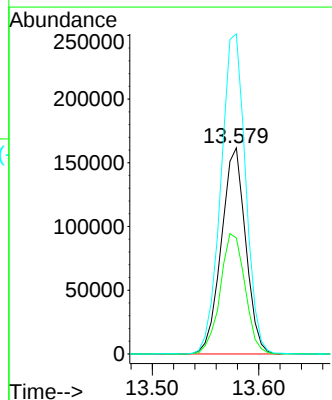
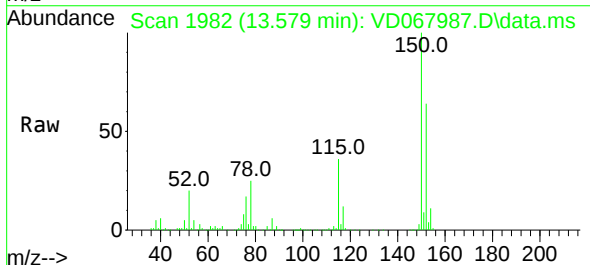
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

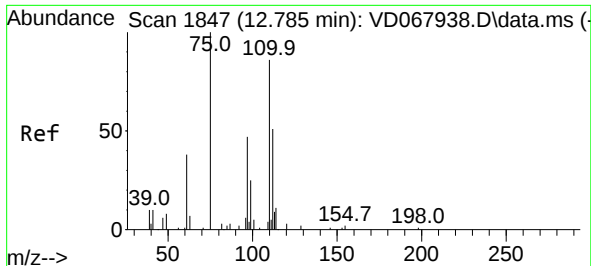
Tgt Ion:117 Resp: 582327
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 29.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Tgt Ion:152 Resp: 256593
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 157.8 0.0 340.0

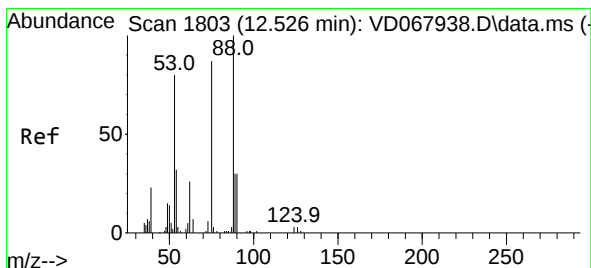
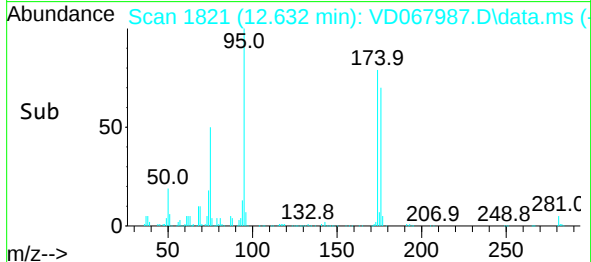
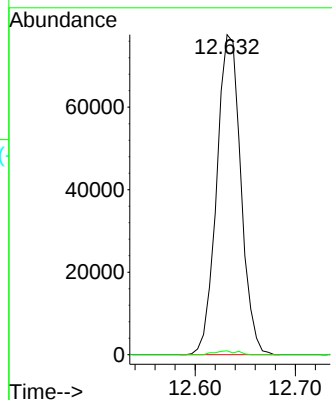
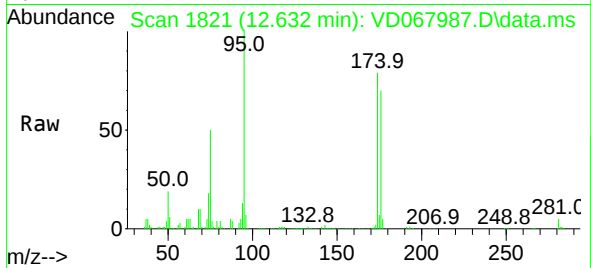




#76
1,2,3-Trichloropropane
Concen: 60.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

Tgt Ion: 75 Resp: 129680
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067987.D
Acq: 04 Jan 2021 11:23

Tgt Ion: 75 Resp: 129680
Ion Ratio Lower Upper
75 100
53 0.2 74.9 112.3#
89 0.2 33.8 50.8#

