

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068687.D
 Acq On : 26 Mar 2021 16:32
 Operator : VA/SY
 Sample : M1821-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 27 00:44:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

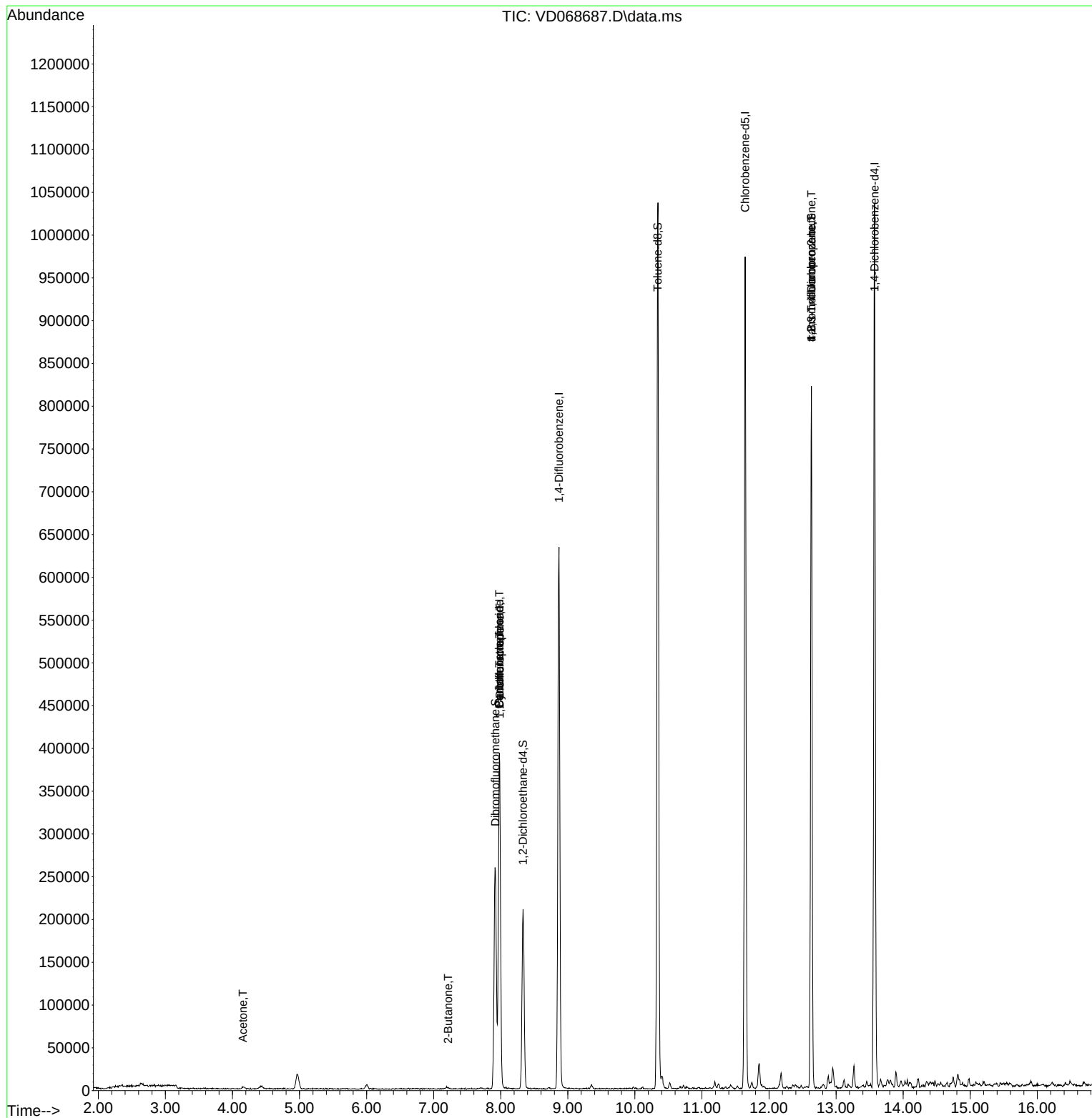
Internal Standards						
1) Pentafluorobenzene	7.979	168	296603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	577702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	571046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	280820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167903	56.14	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.28%			
35) Dibromofluoromethane	7.920	113	191859	53.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.76%			
50) Toluene-d8	10.338	98	738701	53.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.60%			
62) 4-Bromofluorobenzene	12.632	95	259818	57.83	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.66%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	4868	13.42	ug/l	92
20) Methylene Chloride	4.962	84	14606	Below Cal	#	92
25) 2-Butanone	7.215	43	664	1.10	ug/l #	39
31) Cyclohexane	7.979	56	6908	1.43	ug/l #	26
36) 1,1-Dichloropropene	7.985	75	23386	4.53	ug/l #	49
38) Carbon Tetrachloride	7.979	117	29493	5.73	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	131734	56.36	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	131734	128.23	ug/l #	16

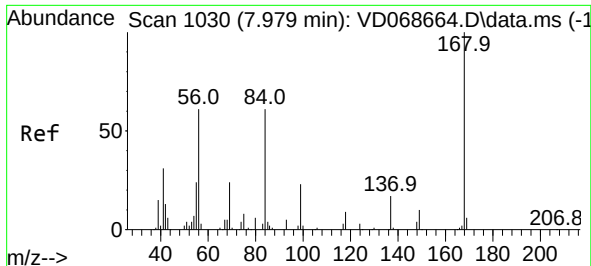
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
Data File : VD068687.D
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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_D
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Quant Time: Mar 27 00:44:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

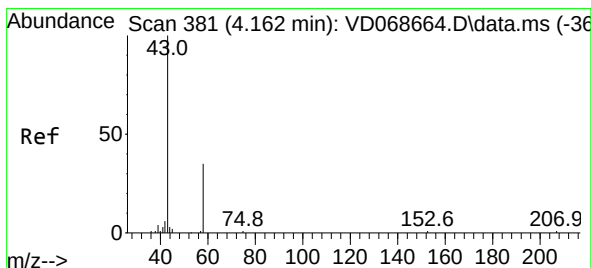
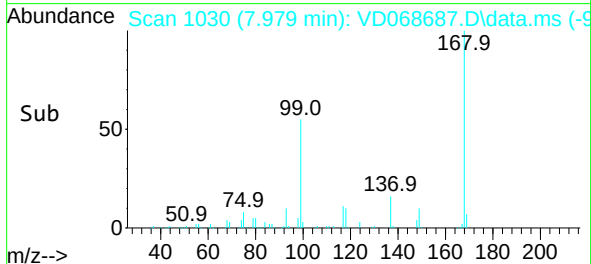
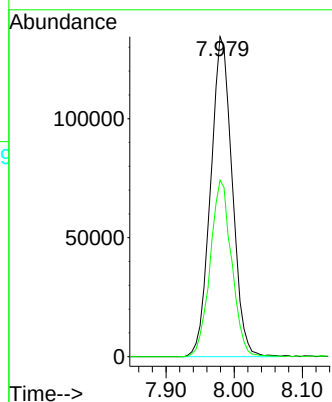
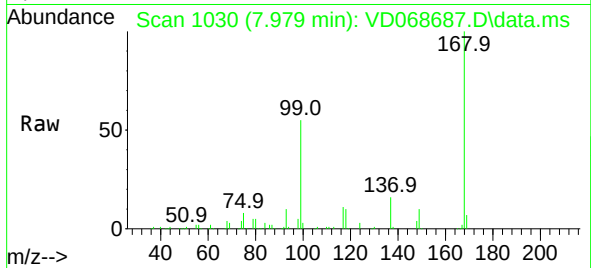




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

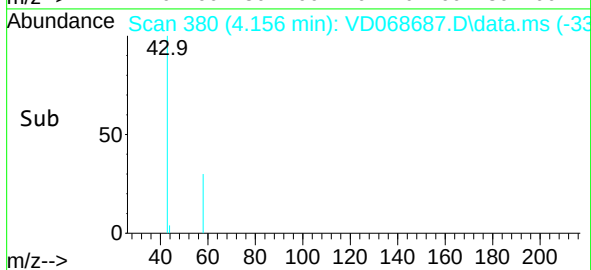
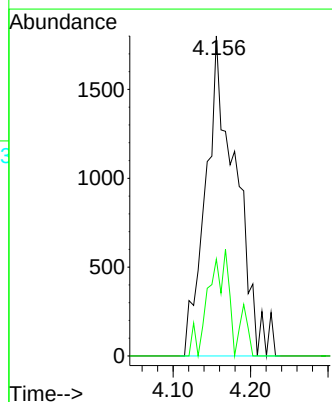
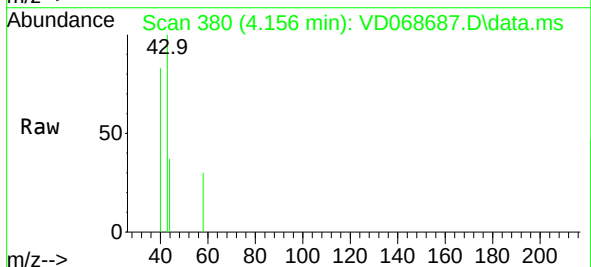
Instrument :
MSVOA_D
ClientSampled :

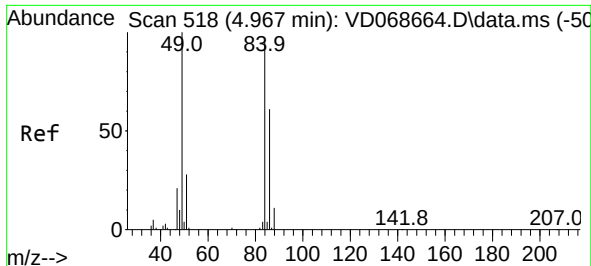
Tgt Ion:168 Resp: 296603
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#16
Acetone
Concen: 13.42 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

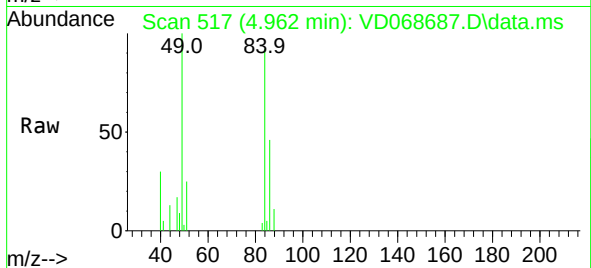
Tgt Ion: 43 Resp: 4868
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0



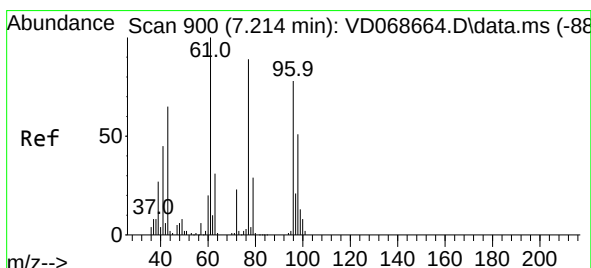
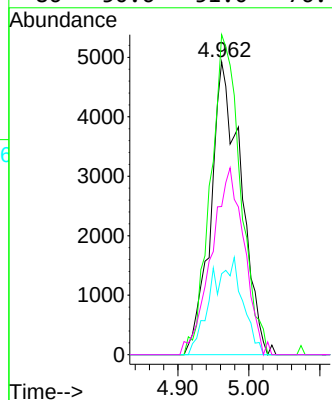
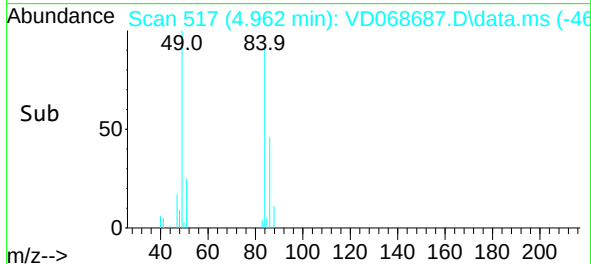


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

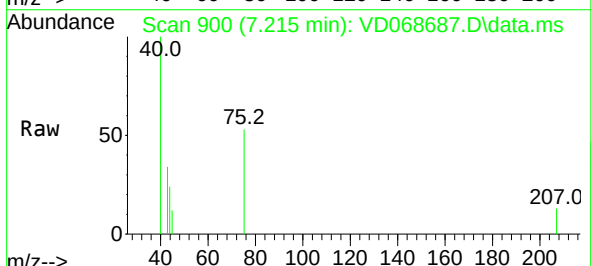
Instrument :
MSVOA_D
ClientSampled :



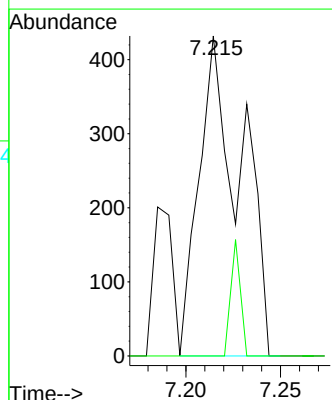
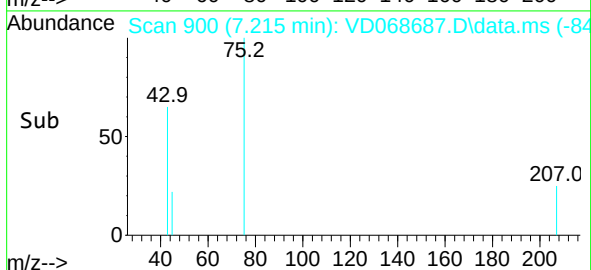
Tgt Ion: 84 Resp: 14606
Ion Ratio Lower Upper
84 100
49 109.3 83.4 125.0
51 27.6 23.4 35.2
86 50.6 51.0 76.4#

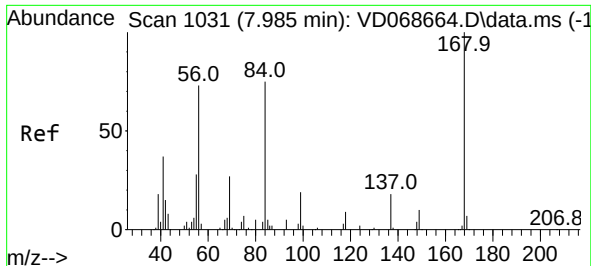


#25
2-Butanone
Concen: 1.10 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32



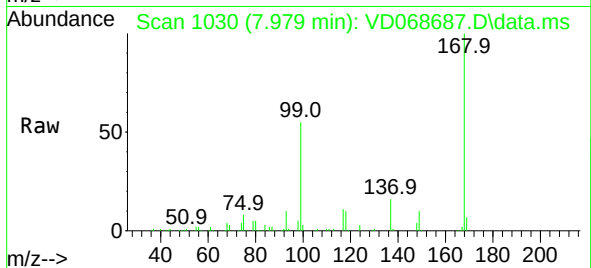
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



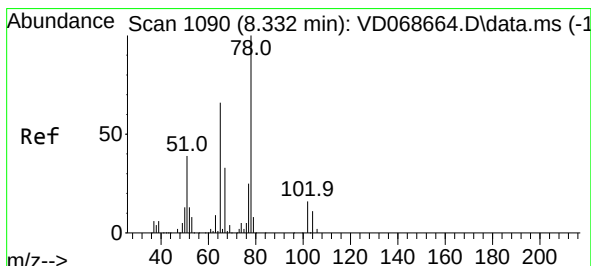
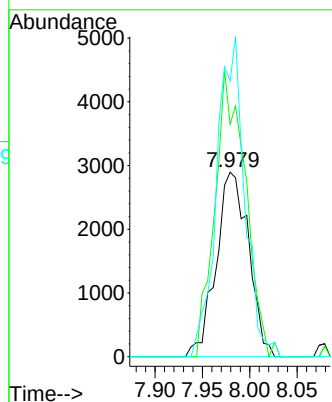
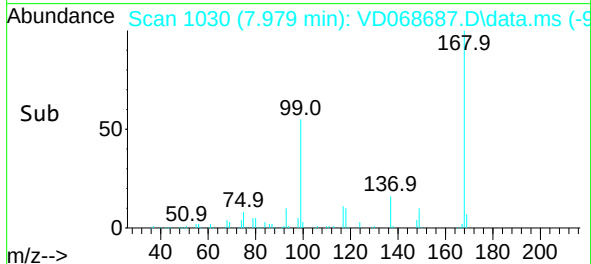


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

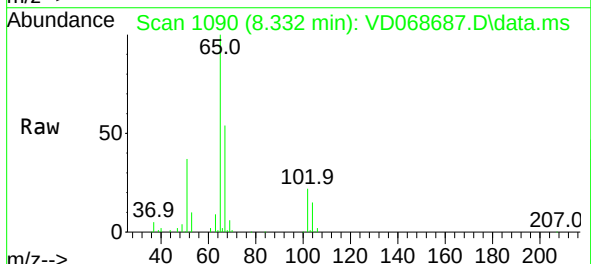
Instrument :
MSVOA_D
ClientSampleId :



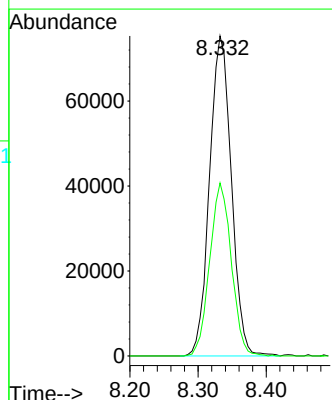
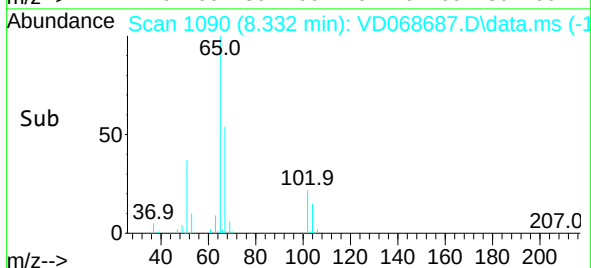
Tgt Ion: 56 Resp: 6908
Ion Ratio Lower Upper
56 100
69 126.0 30.0 45.0#
84 149.6 82.0 123.0#

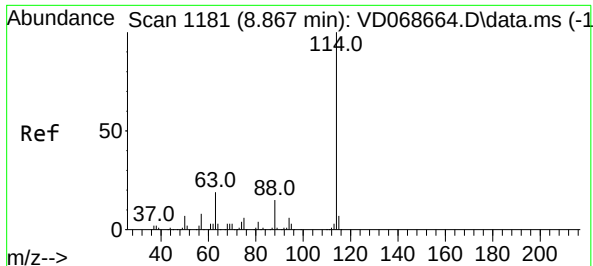


#33
1,2-Dichloroethane-d4
Concen: 56.14 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32



Tgt Ion: 65 Resp: 167903
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0

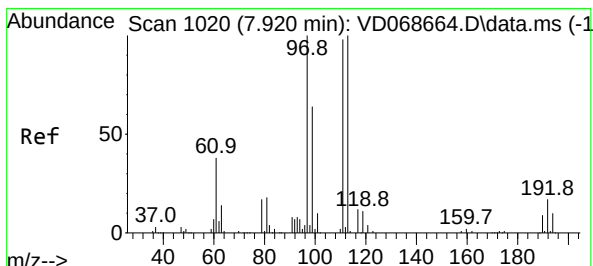
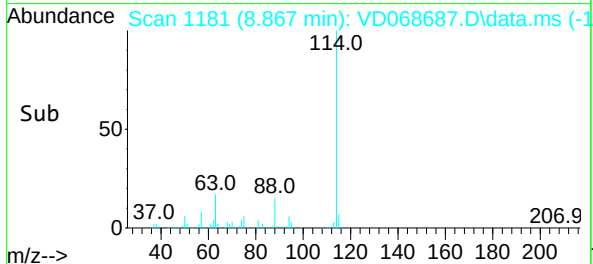
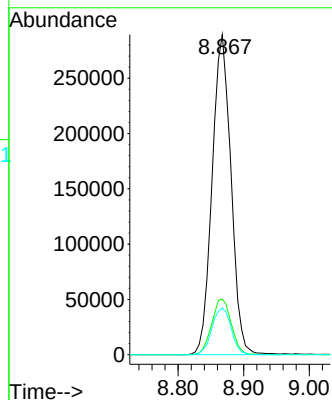
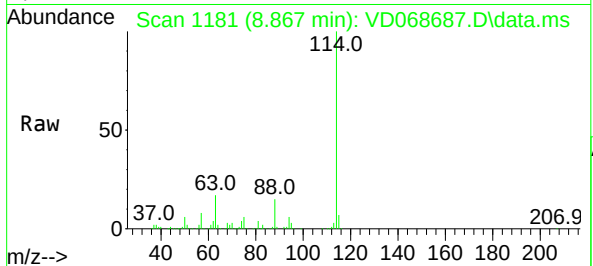




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

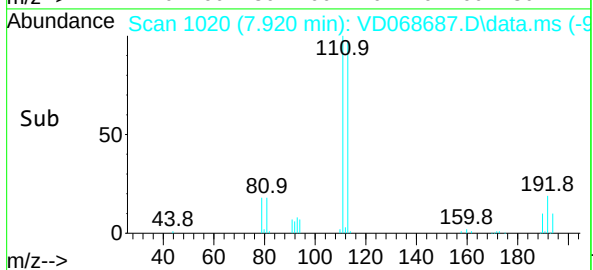
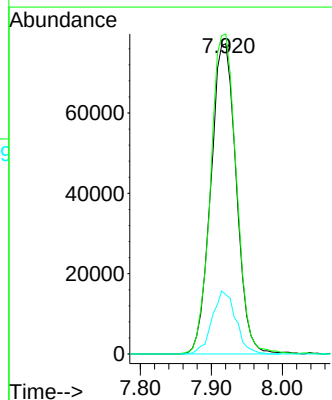
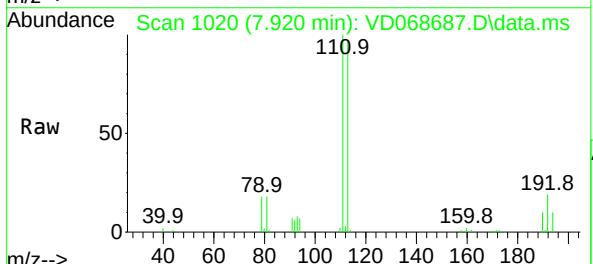
Instrument :
MSVOA_D
ClientSampleId :

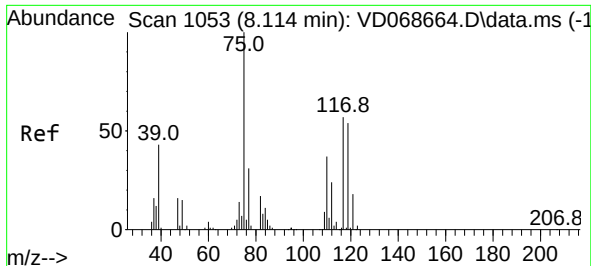
Tgt Ion:114 Resp: 577702
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.38 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

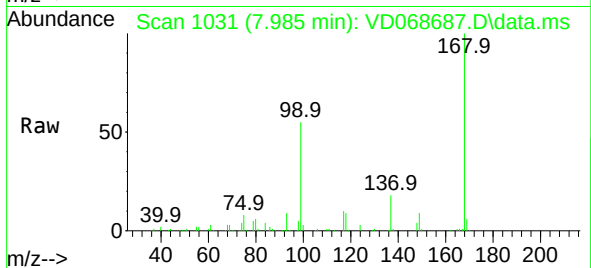
Tgt Ion:113 Resp: 191859
Ion Ratio Lower Upper
113 100
111 104.3 82.5 123.7
192 18.9 15.1 22.7



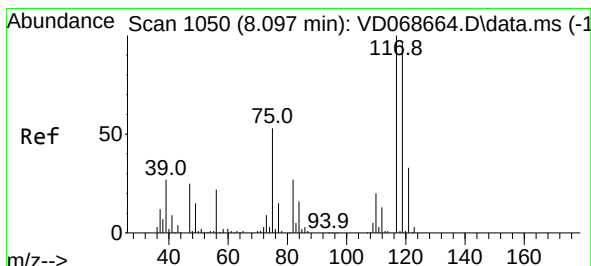
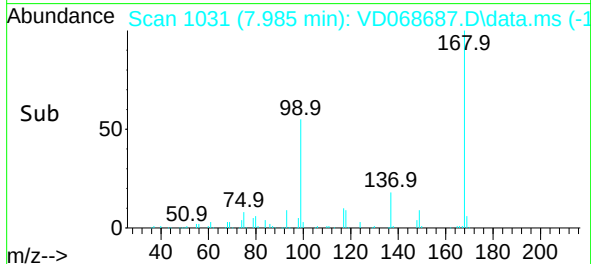
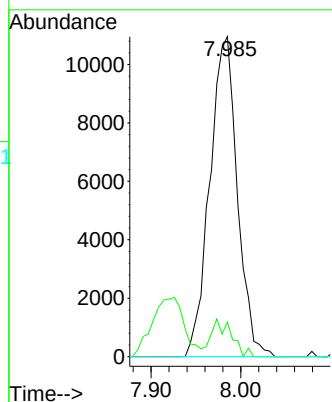


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

Instrument :
MSVOA_D
ClientSampled :

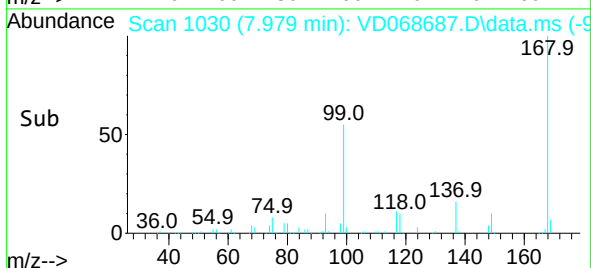
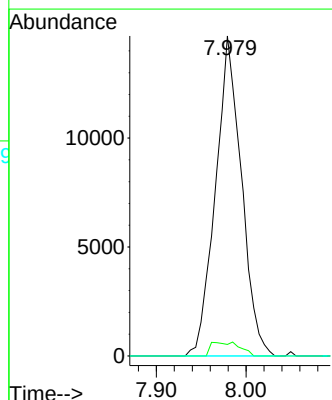
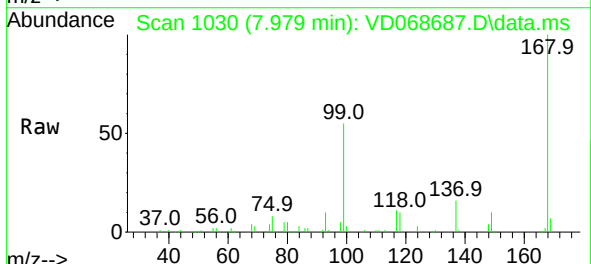


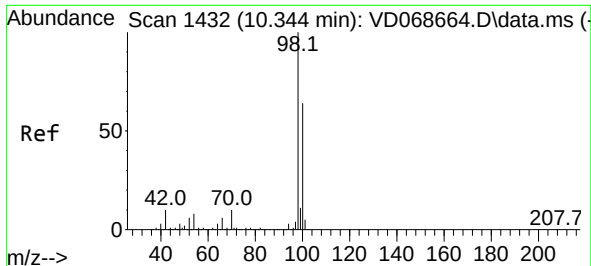
Tgt Ion: 75 Resp: 23386
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

Tgt Ion: 117 Resp: 29493
Ion Ratio Lower Upper
117 100
119 3.6 76.6 115.0#
121 0.0 26.1 39.1#

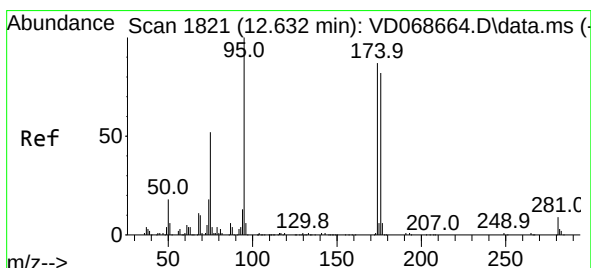
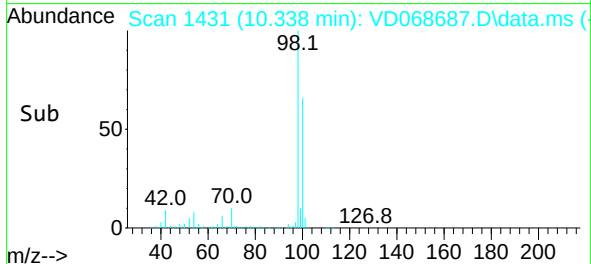
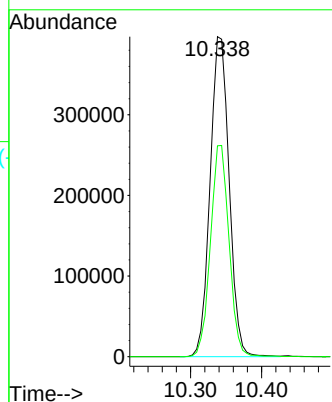
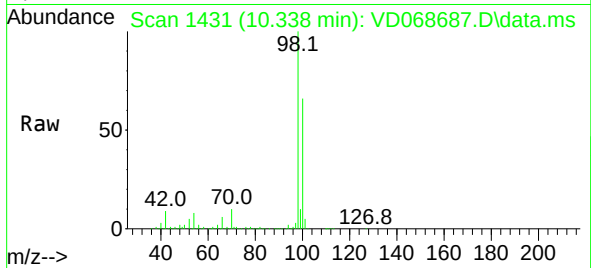




#50
Toluene-d8
Concen: 53.30 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

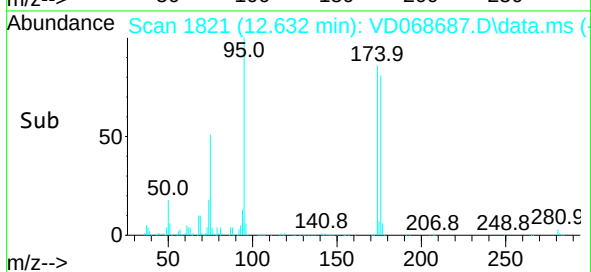
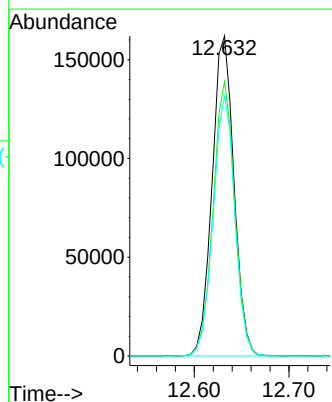
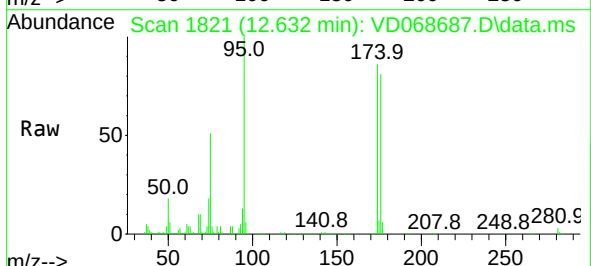
Instrument :
MSVOA_D
ClientSampleId :

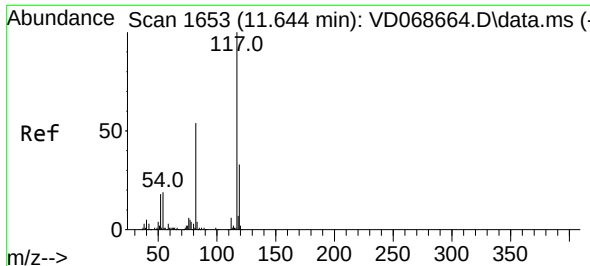
Tgt Ion: 98 Resp: 738701
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

Tgt Ion: 95 Resp: 259818
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.0
176 80.6 0.0 160.2

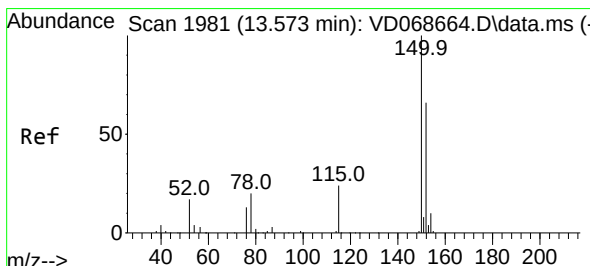
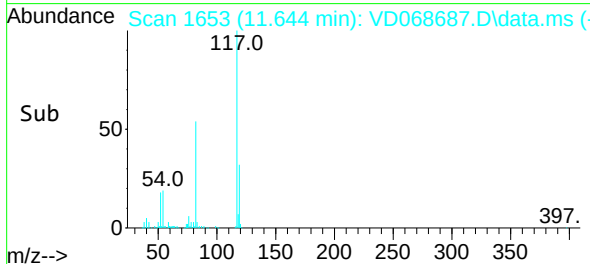
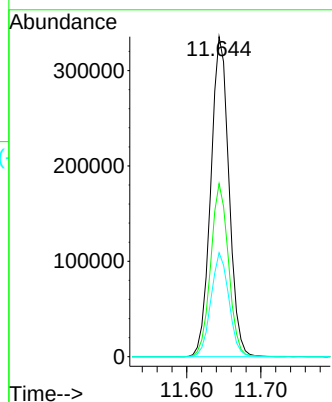
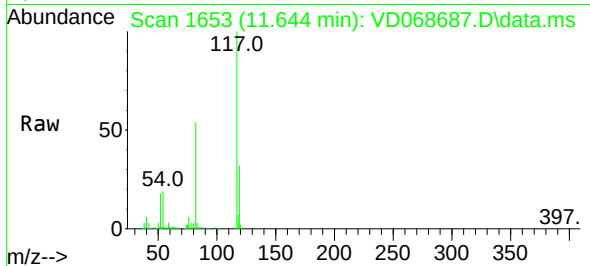




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

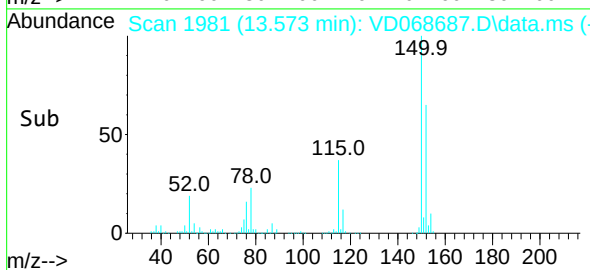
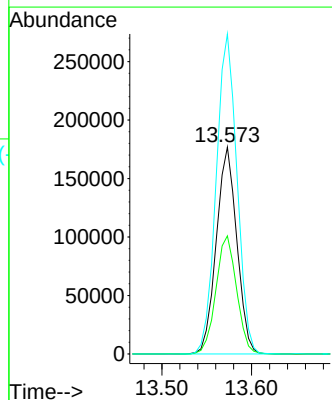
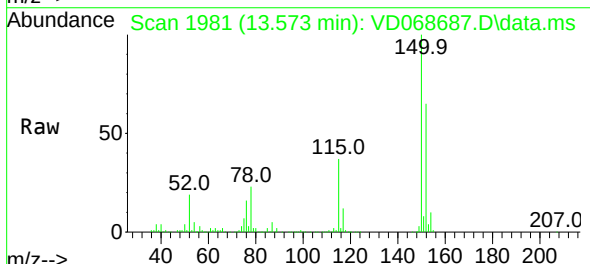
Instrument :
MSVOA_D
ClientSampleId :

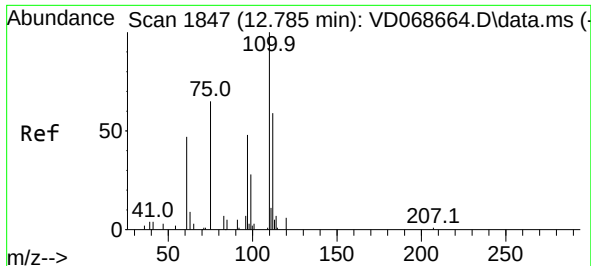
Tgt Ion:117 Resp: 571046
Ion Ratio Lower Upper
117 100
82 54.1 43.5 65.3
119 32.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

Tgt Ion:152 Resp: 280820
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 156.5 0.0 347.6

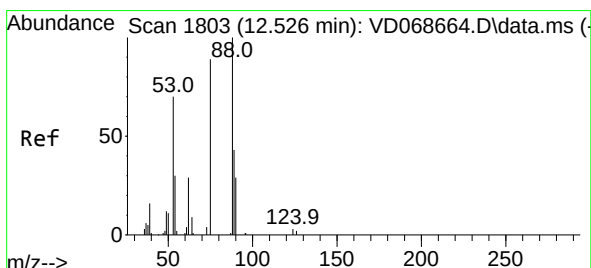
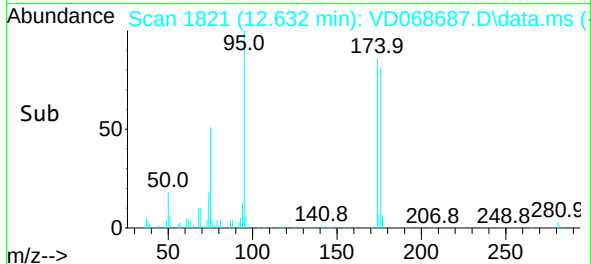
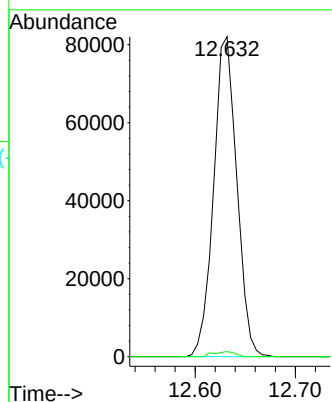
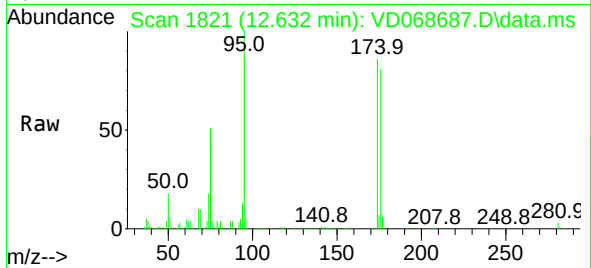




#76
1,2,3-Trichloropropane
Concen: 56.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 131734
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068687.D
Acq: 26 Mar 2021 16:32

Tgt Ion: 75 Resp: 131734
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

