

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068246.D
 Acq On : 29 Jan 2021 18:10
 Operator : VA/SY
 Sample : M1286-18
 Misc : 4.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:04:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

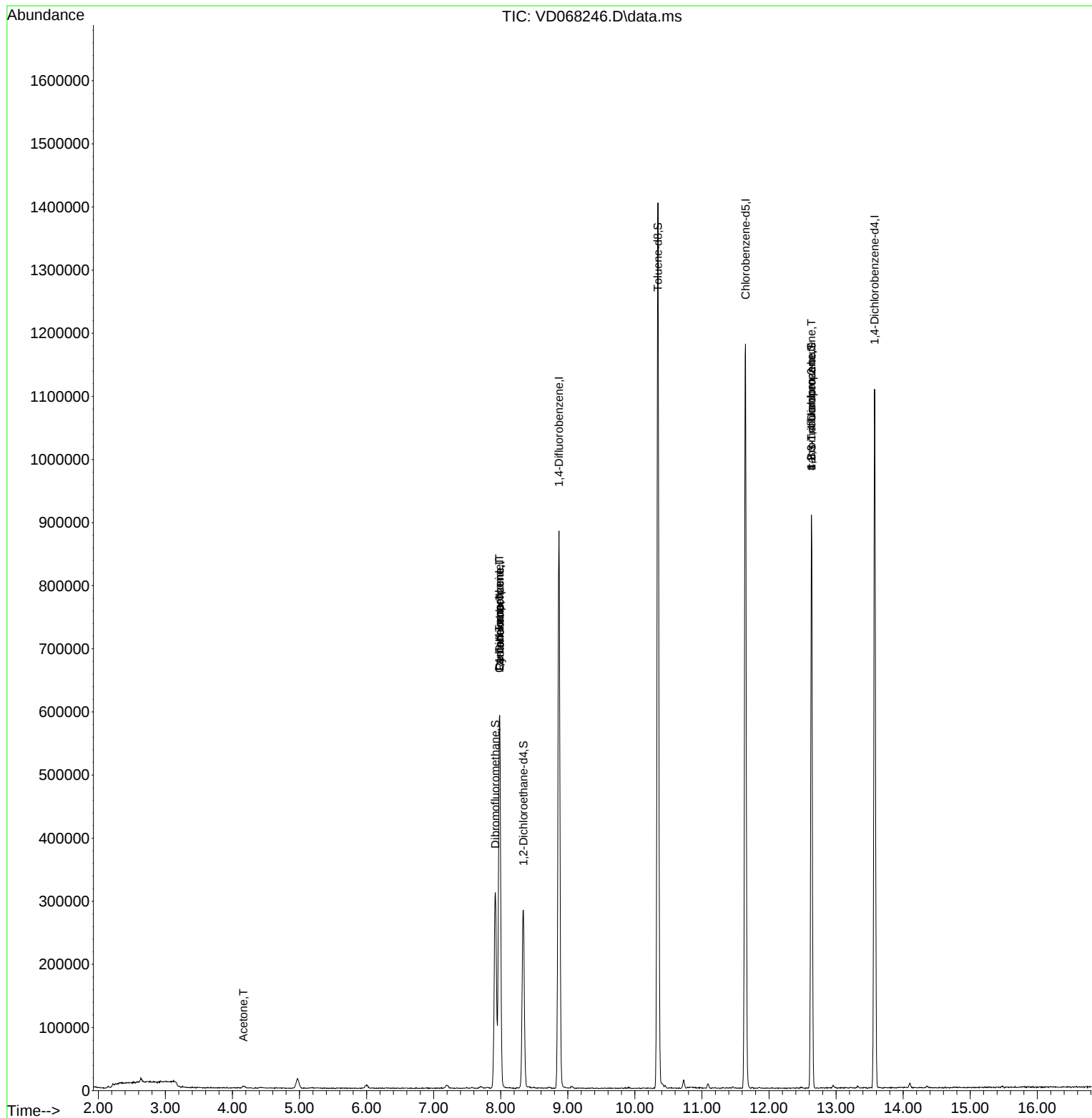
Internal Standards						
1) Pentafluorobenzene	7.985	168	456342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	796565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	704780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	297838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	233369	53.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.92%			
35) Dibromofluoromethane	7.920	113	230818	52.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.82%			
50) Toluene-d8	10.344	98	977131	55.47	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.94%			
62) 4-Bromofluorobenzene	12.632	95	307540	48.48	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.96%			
Target Compounds						
11) Tert butyl alcohol	5.191	59	526	Below Cal	#	74
16) Acetone	4.162	43	6100	7.83	ug/l #	88
20) Methylene Chloride	4.973	84	12618	Below Cal		87
31) Cyclohexane	7.985	56	9844	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	38083	4.74	ug/l #	47
38) Carbon Tetrachloride	7.979	117	46750	6.22	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	158899	55.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	158899	111.65	ug/l #	13

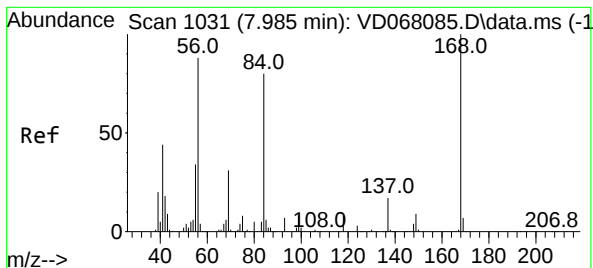
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
Data File : VD068246.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 30 00:04:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

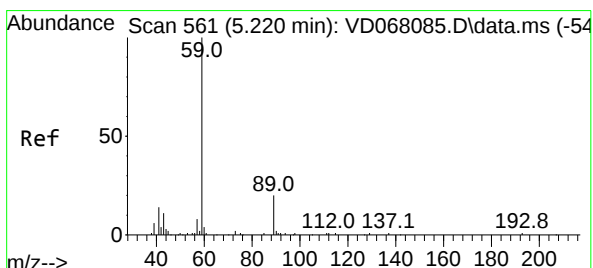
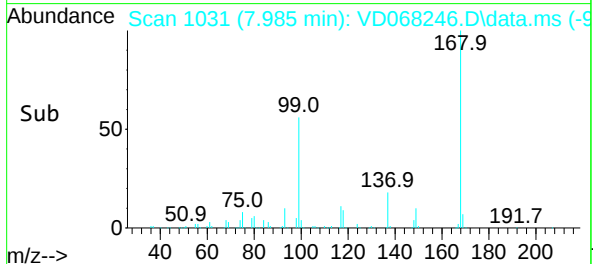
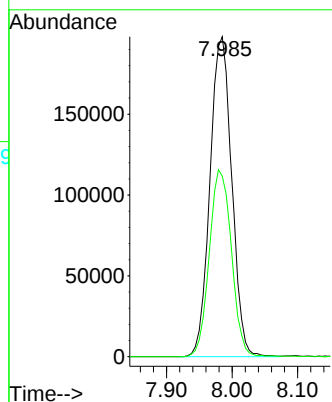
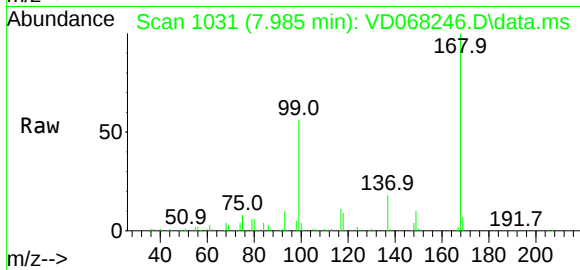




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

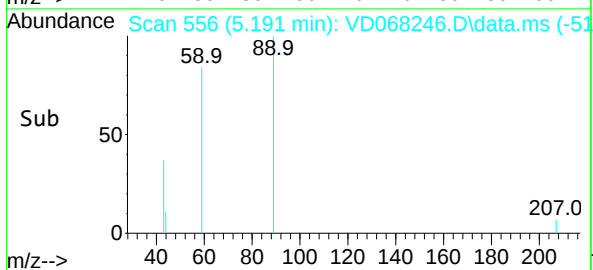
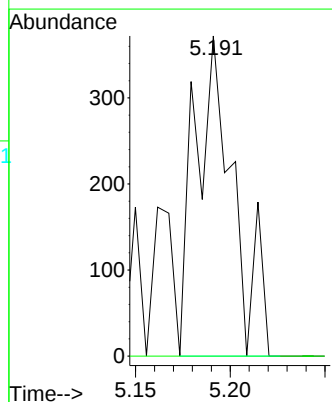
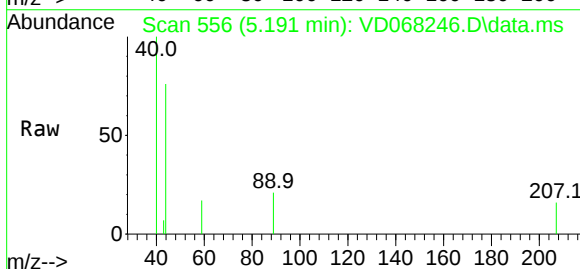
Instrument :
MSVOA_D
ClientSampled :

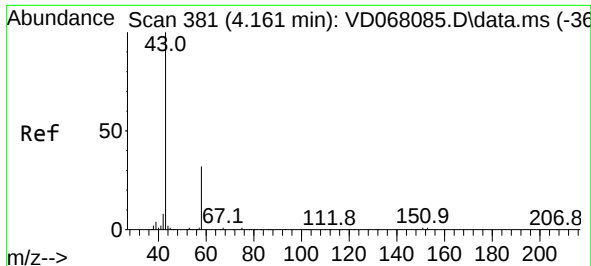
Tgt Ion:168 Resp: 456342
Ion Ratio Lower Upper
168 100
99 56.4 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

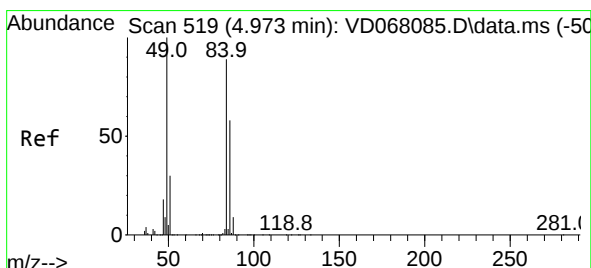
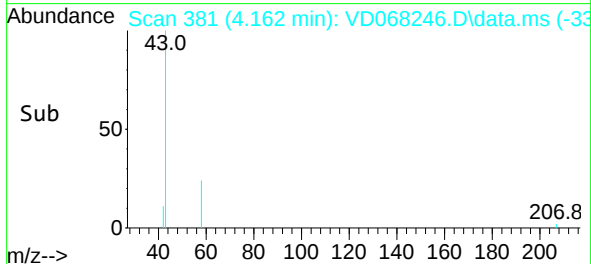
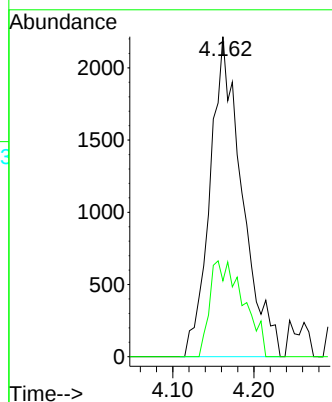
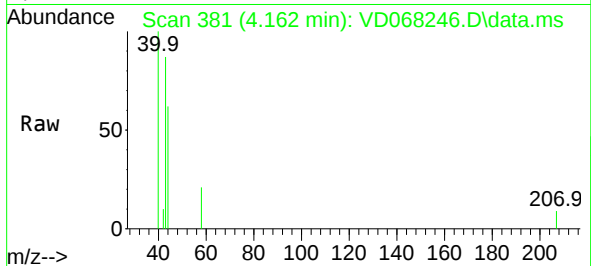




#16
Acetone
Concen: 7.83 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

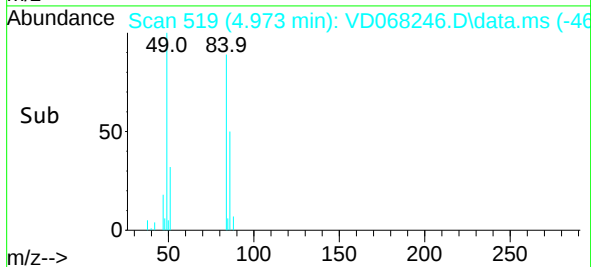
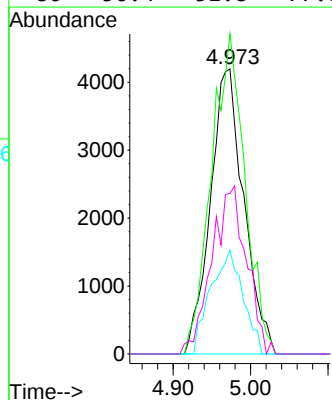
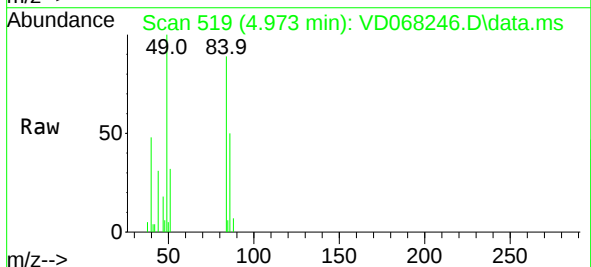
Instrument :
MSVOA_D
ClientSampled :

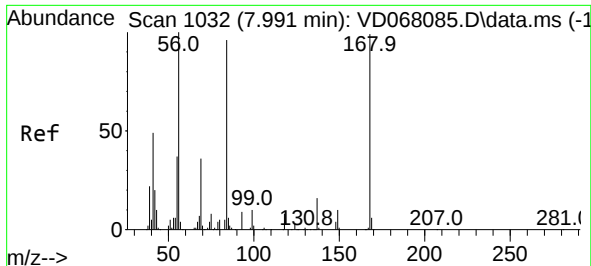
Tgt Ion: 43 Resp: 6100
Ion Ratio Lower Upper
43 100
58 23.7 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion: 84 Resp: 12618
Ion Ratio Lower Upper
84 100
49 112.3 77.4 116.2
51 36.4 26.1 39.1
86 56.4 51.8 77.8

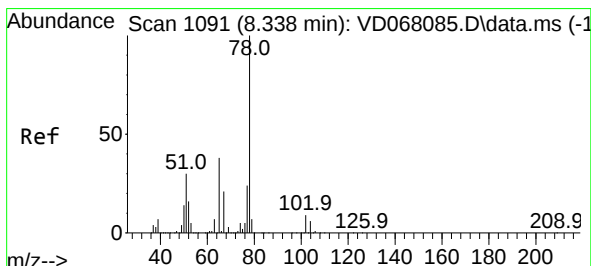
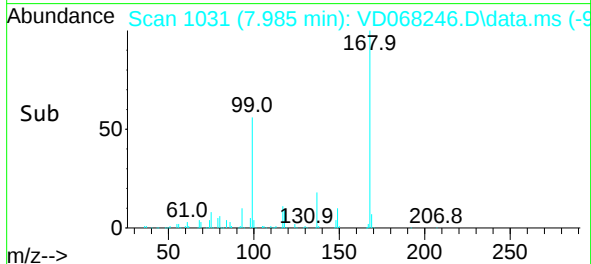
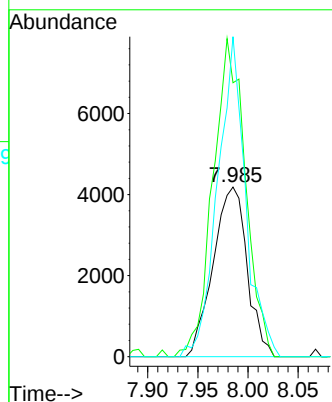
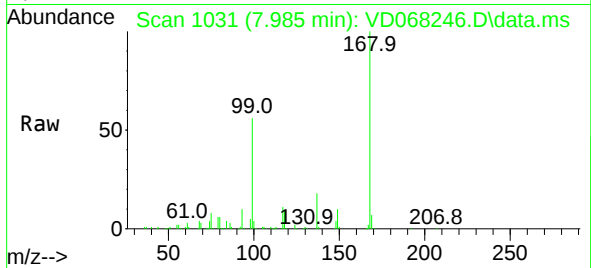




#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

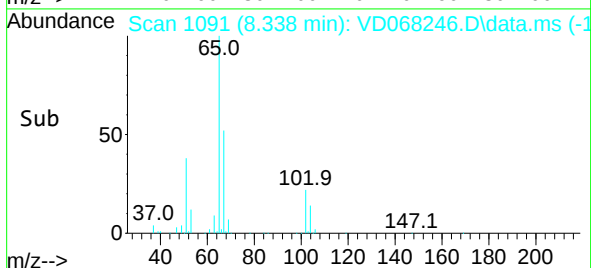
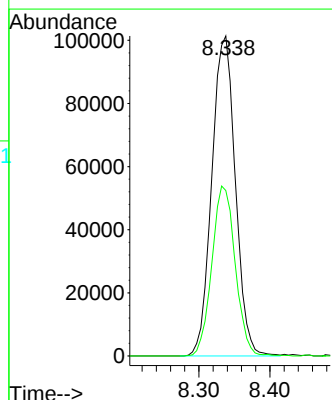
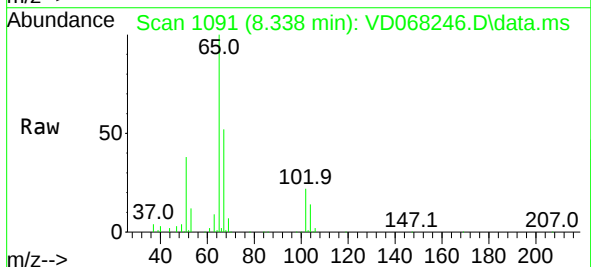
Instrument :
MSVOA_D
ClientSampleId :

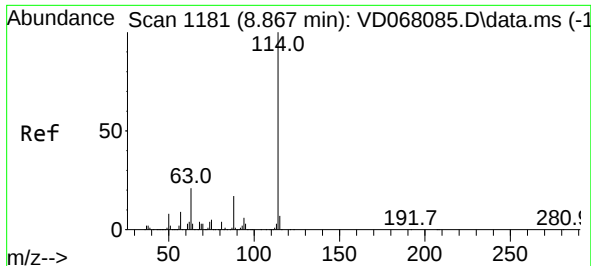
Tgt Ion: 56 Resp: 9844
Ion Ratio Lower Upper
56 100
69 161.5 30.1 45.1#
84 188.7 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 53.46 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion: 65 Resp: 233369
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

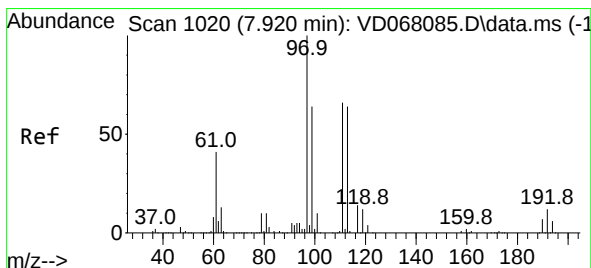
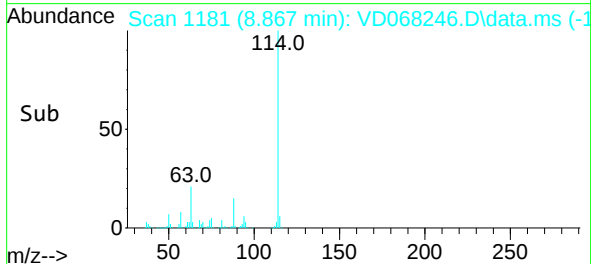
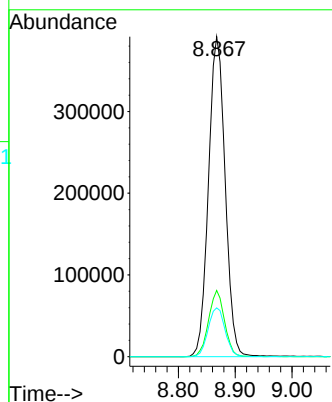
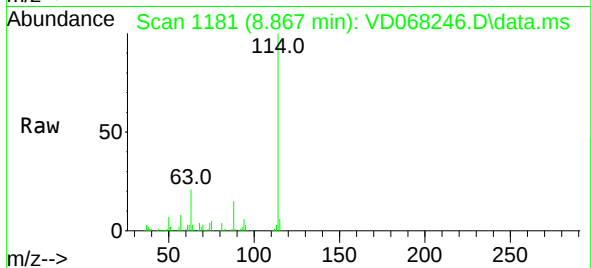




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

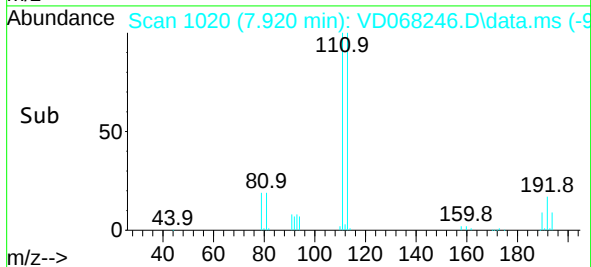
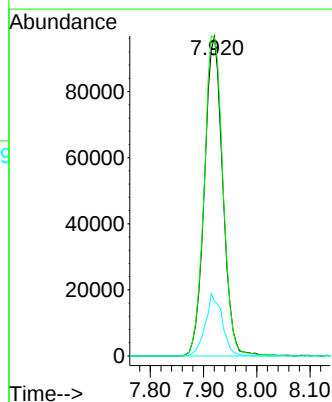
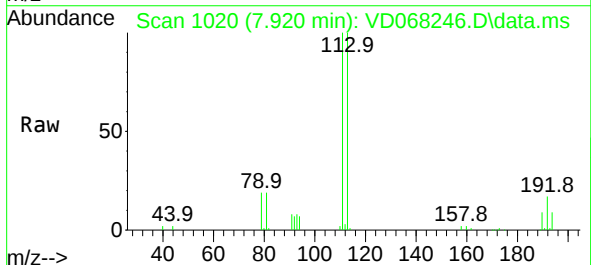
Instrument :
MSVOA_D
ClientSampled :

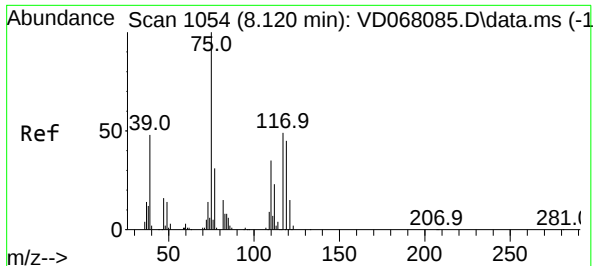
Tgt Ion:114 Resp: 796565
Ion Ratio Lower Upper
114 100
63 20.7 0.0 34.8
88 15.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.41 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion:113 Resp: 230818
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.1 16.1 24.1

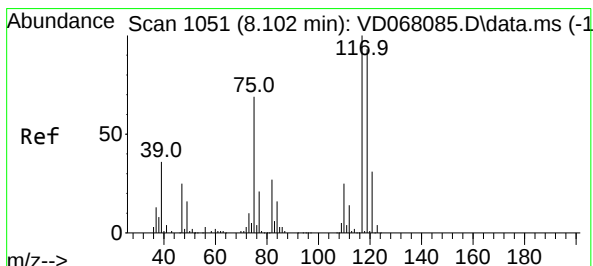
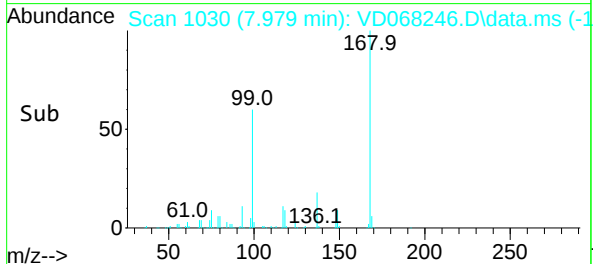
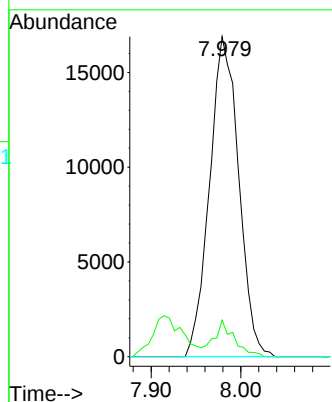
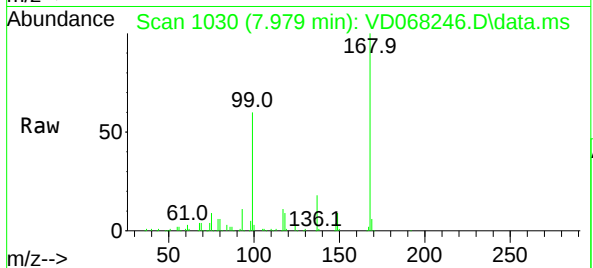




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

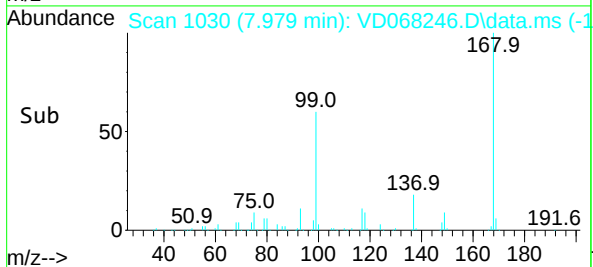
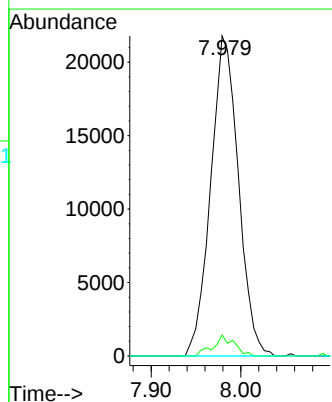
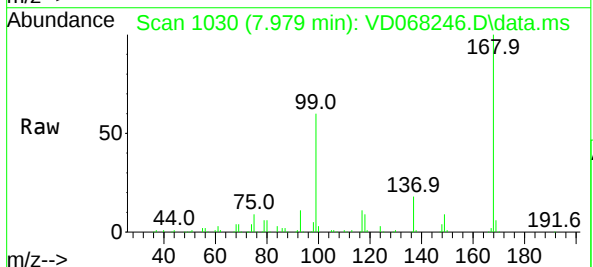
Instrument :
MSVOA_D
ClientSampled :

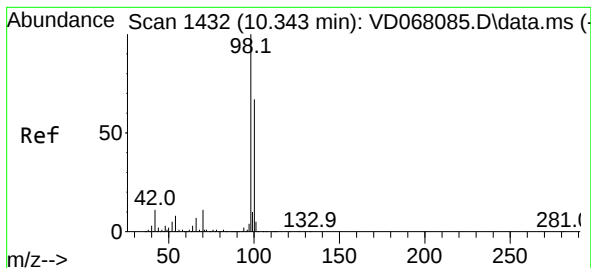
Tgt Ion: 75 Resp: 38083
Ion Ratio Lower Upper
75 100
110 8.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion: 117 Resp: 46750
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 24.7 37.1#

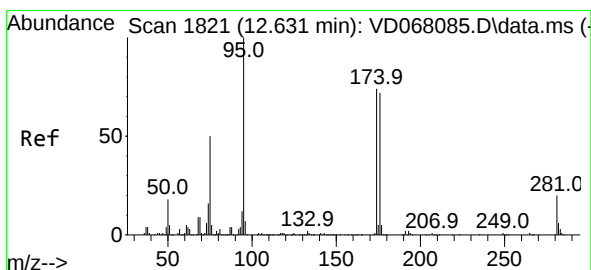
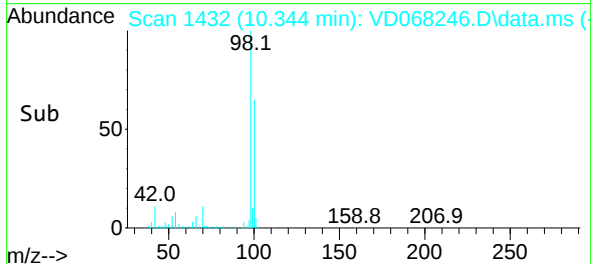
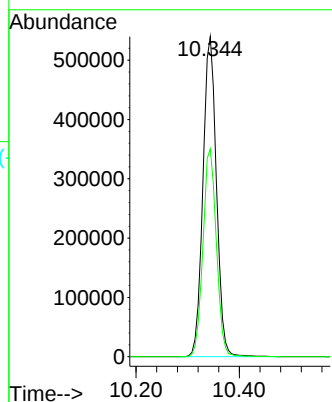
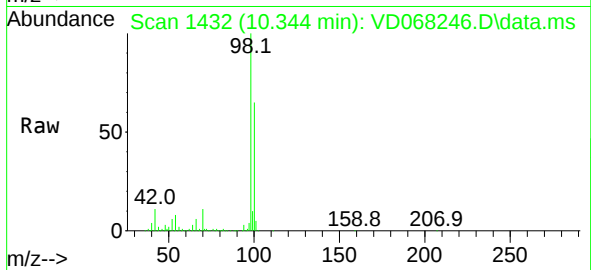




#50
Toluene-d8
Concen: 55.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

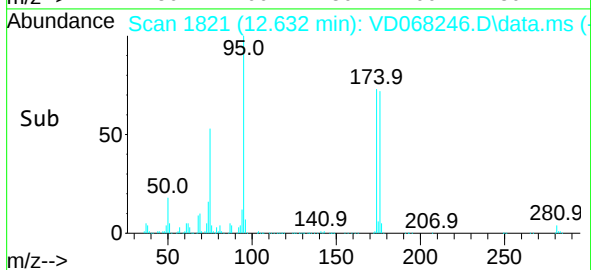
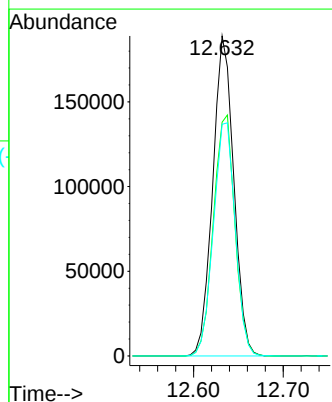
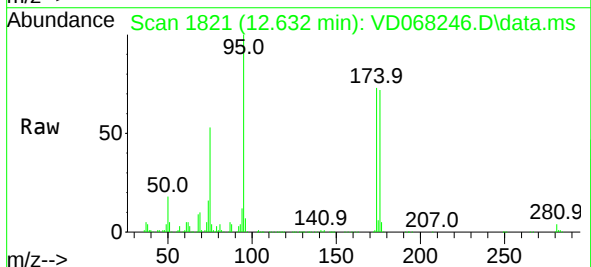
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MSVOA_D
ClientSampled :

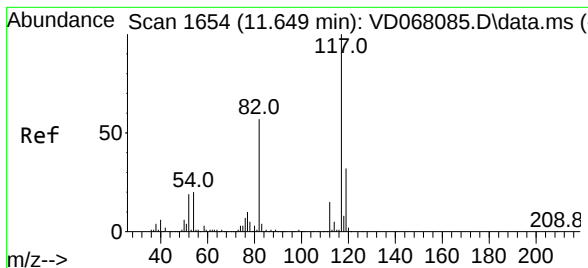
Tgt Ion: 98 Resp: 977131
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion: 95 Resp: 307540
Ion Ratio Lower Upper
95 100
174 77.1 0.0 172.4
176 75.6 0.0 168.4

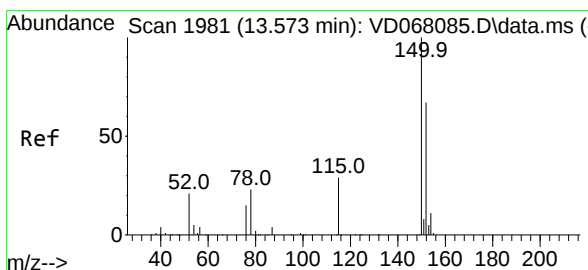
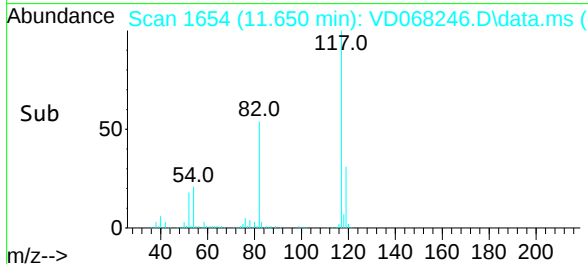
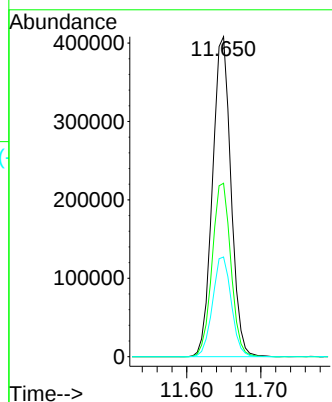
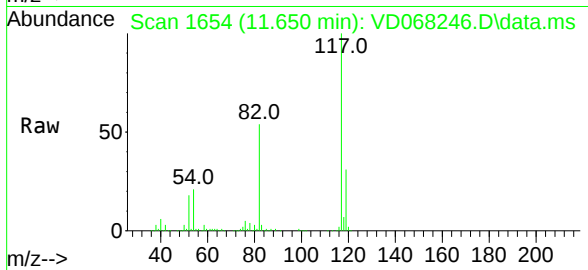




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

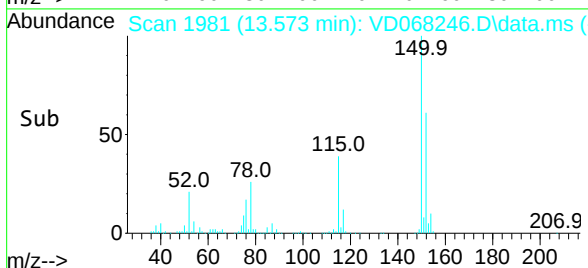
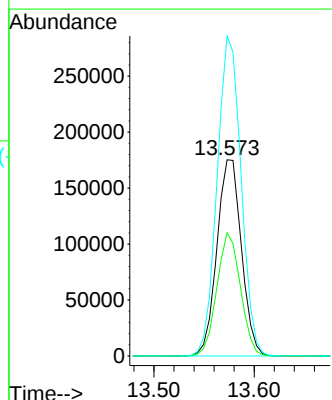
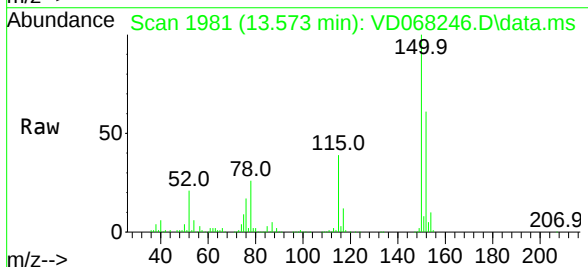
Instrument :
MSVOA_D
ClientSampled :

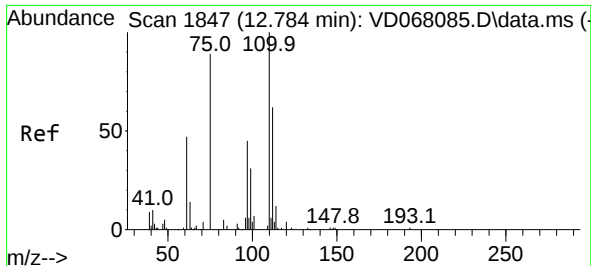
Tgt Ion:117 Resp: 704780
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.0
119 31.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion:152 Resp: 297838
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.8
150 159.2 0.0 344.4

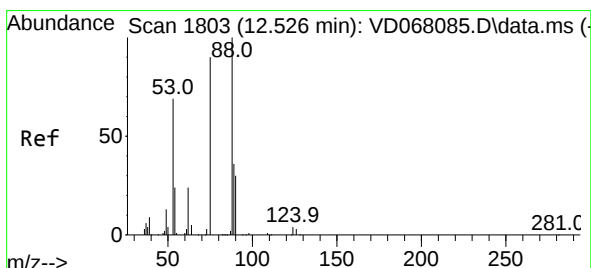
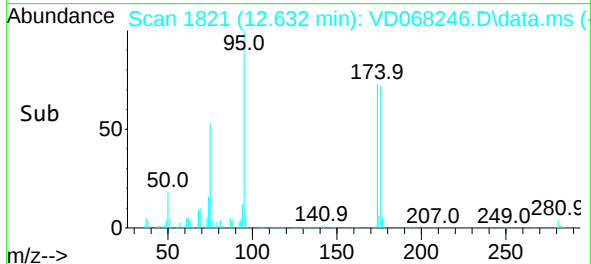
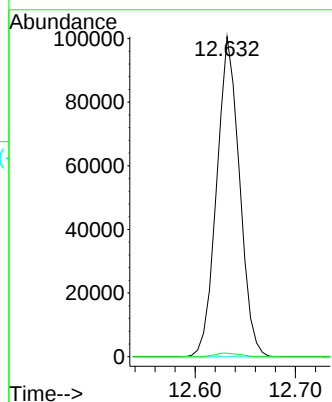
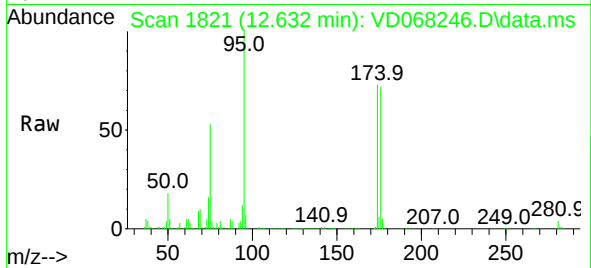




#76
1,2,3-Trichloropropane
Concen: 55.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 158899
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068246.D
Acq: 29 Jan 2021 18:10

Tgt Ion: 75 Resp: 158899
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

