

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068240.D
 Acq On : 29 Jan 2021 15:26
 Operator : VA/SY
 Sample : M1286-06
 Misc : 4.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:03:07 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)

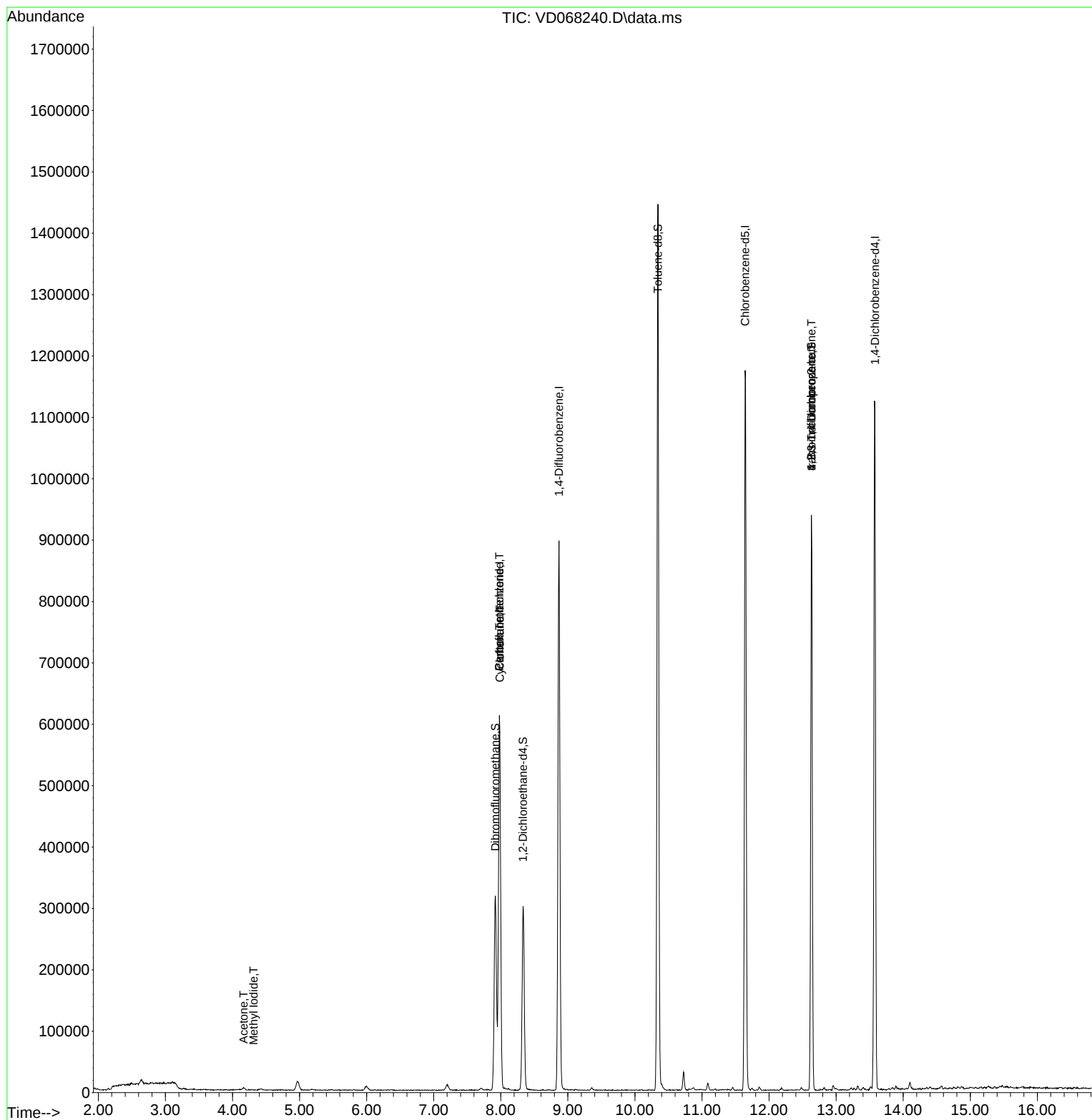
Internal Standards						
1) Pentafluorobenzene	7.979	168	460379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	798445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	710330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	311815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	240952	54.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.42%			
35) Dibromofluoromethane	7.920	113	233970	53.00	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.00%			
50) Toluene-d8	10.344	98	1000657	56.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.34%			
62) 4-Bromofluorobenzene	12.632	95	313295	49.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.54%			
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	519	3.25	ug/l #	63
11) Tert butyl alcohol	5.209	59	535	Below Cal	#	74
16) Acetone	4.167	43	6849	8.71	ug/l	92
20) Methylene Chloride	4.967	84	12183	Below Cal	#	81
31) Cyclohexane	7.985	56	11166	1.17	ug/l #	32
38) Carbon Tetrachloride	7.979	117	47196	6.26	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	159765	52.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	159765	107.23	ug/l #	13

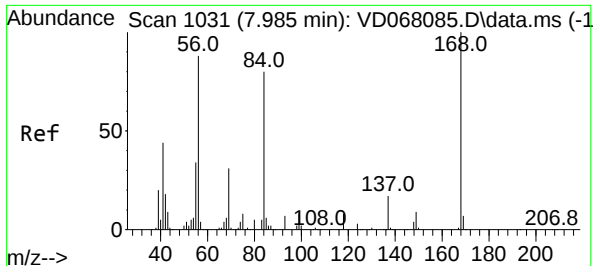
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
Data File : VD068240.D
Acq On : 29 Jan 2021 15:26
Operator : VA/SY
Sample : M1286-06
Misc : 4.89G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 30 00:03:07 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

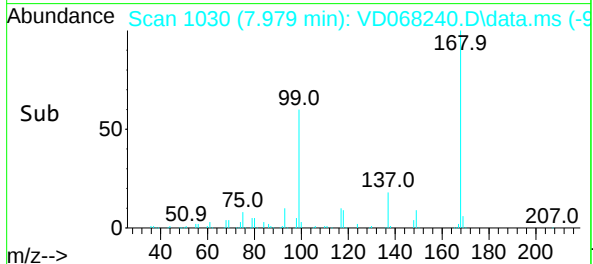
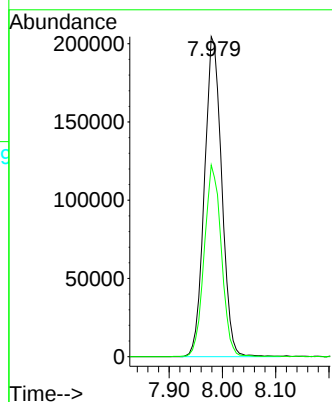
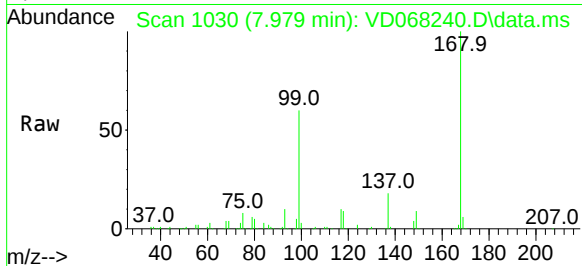




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

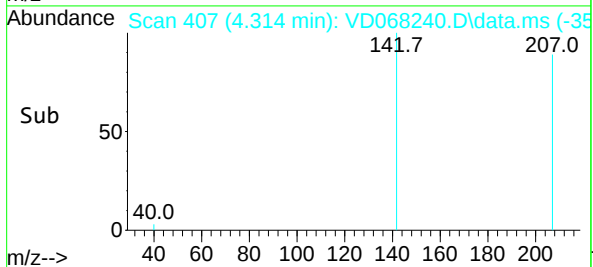
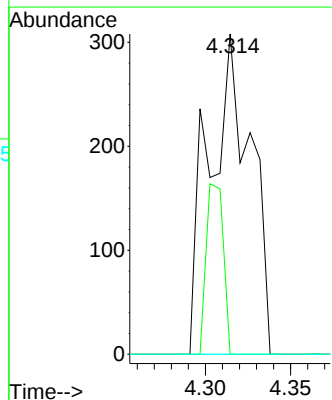
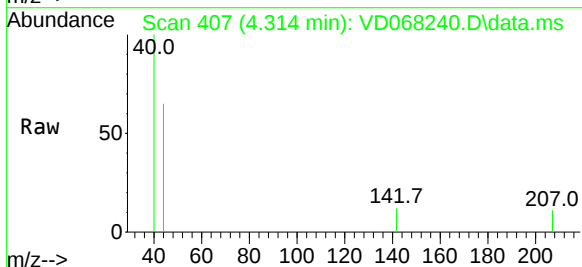
Instrument :
MSVOA_D
ClientSampleId :

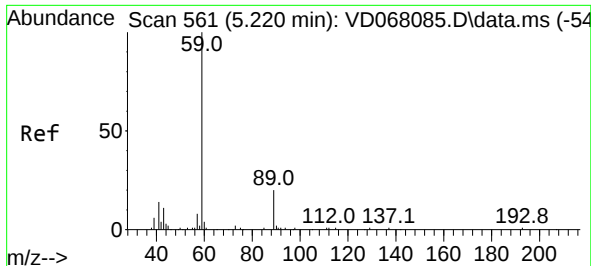
Tgt Ion:168 Resp: 460379
Ion Ratio Lower Upper
168 100
99 59.8 43.5 65.3



#10
Methyl Iodide
Concen: 3.25 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Tgt Ion:142 Resp: 519
Ion Ratio Lower Upper
142 100
127 22.0 37.9 56.9#
141 0.0 11.5 17.3#



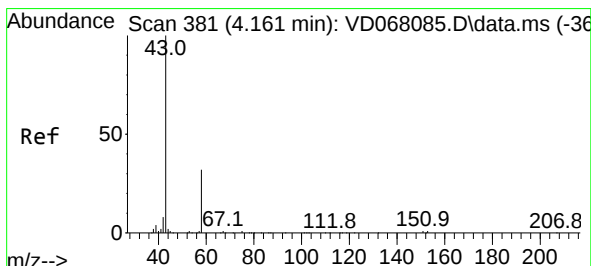
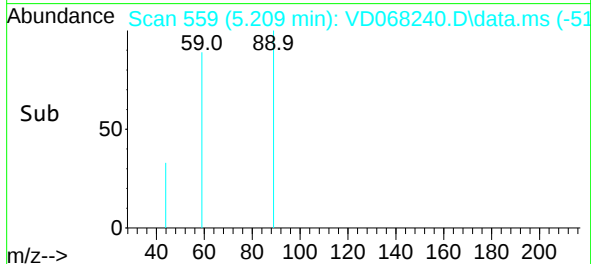
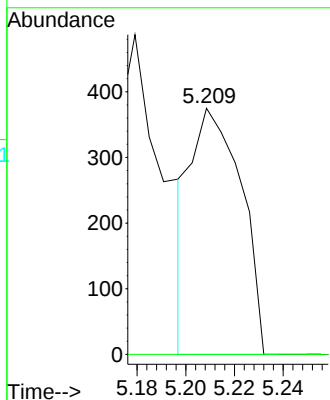
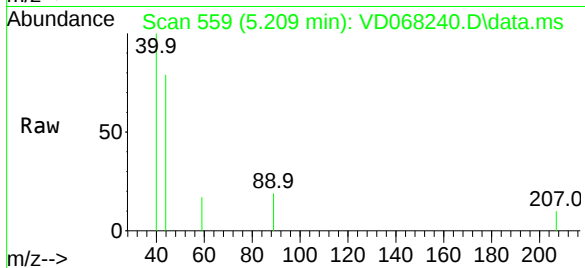


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Instrument :
MSVOA_D
ClientSampled :

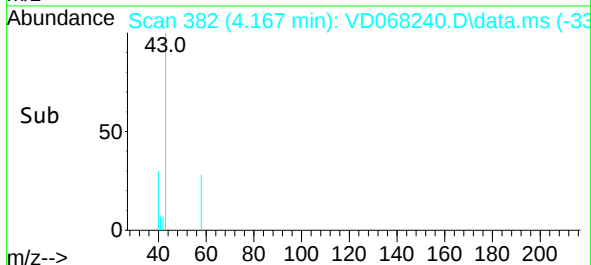
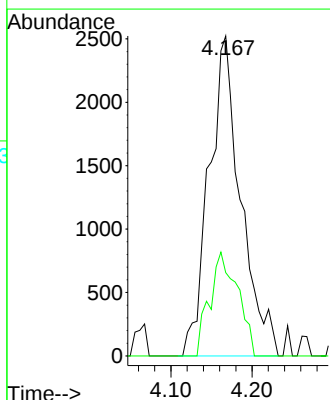
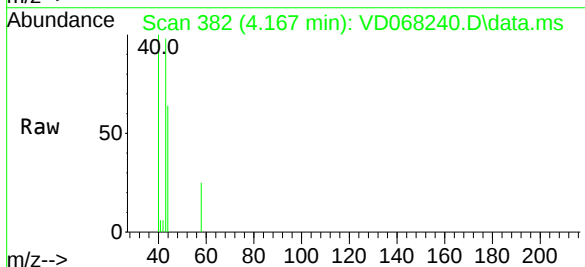
Tgt Ion: 59 Resp: 535
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16

Acetone
Concen: 8.71 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

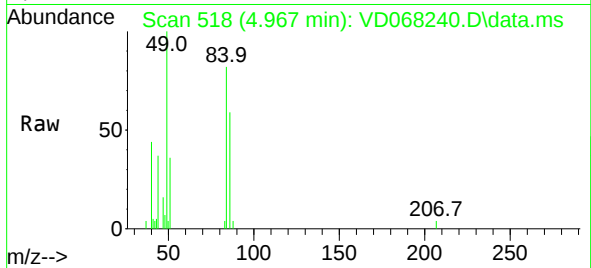
Tgt Ion: 43 Resp: 6849
Ion Ratio Lower Upper
43 100
58 26.0 24.2 36.4



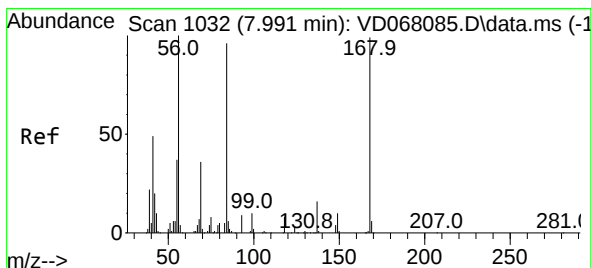
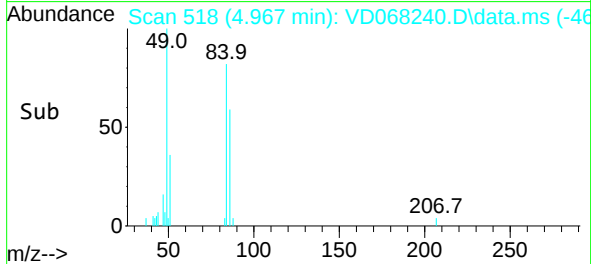
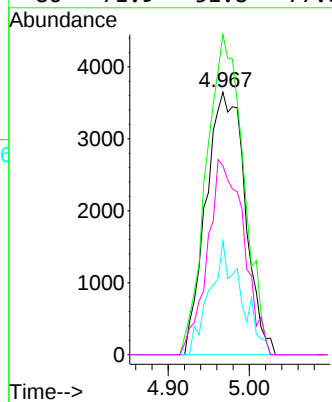


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Instrument :
MSVOA_D
ClientSampled :

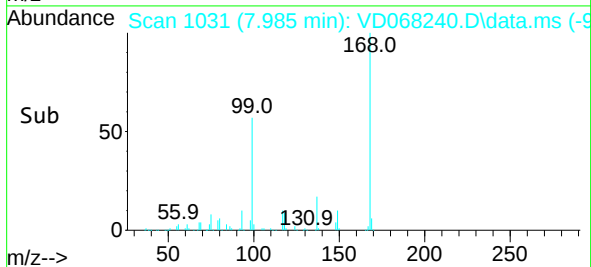
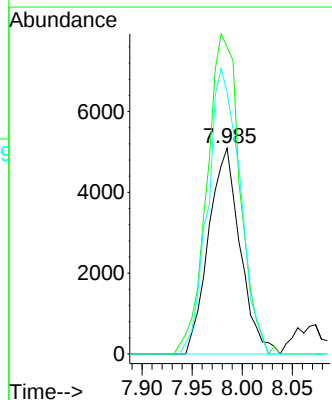
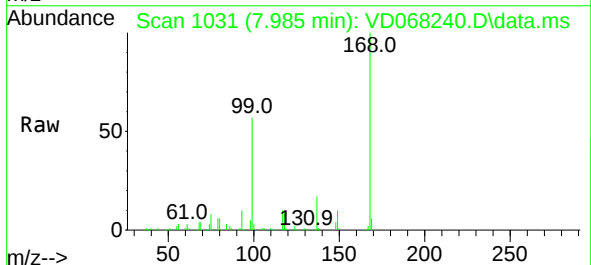


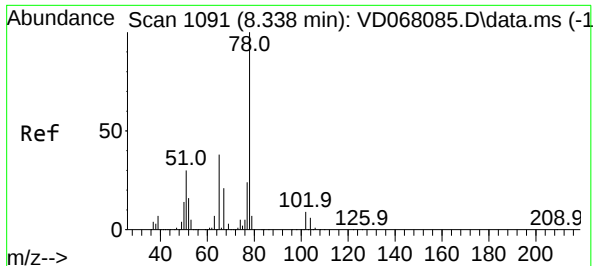
Tgt Ion: 84 Resp: 12183
Ion Ratio Lower Upper
84 100
49 122.0 77.4 116.2#
51 43.4 26.1 39.1#
86 71.9 51.8 77.8



#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Tgt Ion: 56 Resp: 11166
Ion Ratio Lower Upper
56 100
69 149.2 30.1 45.1#
84 127.2 82.1 123.1#

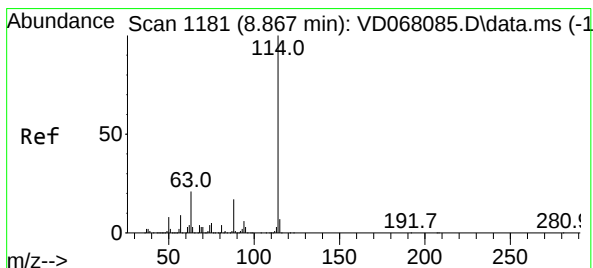
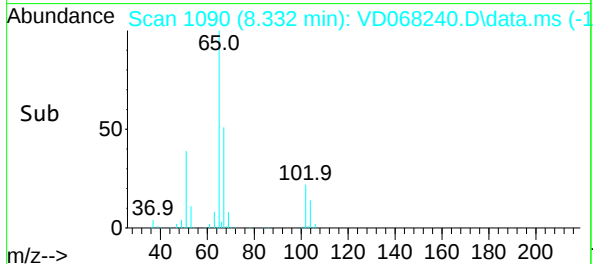
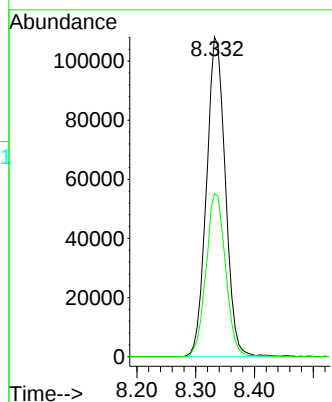
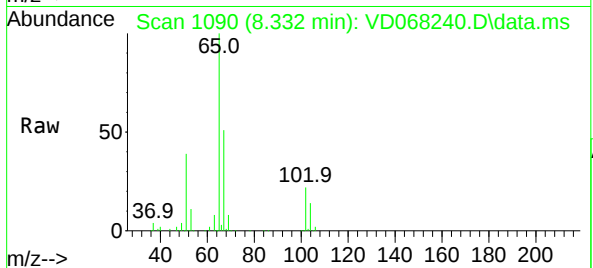




#33
 1,2-Dichloroethane-d4
 Concen: 54.71 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068240.D
 Acq: 29 Jan 2021 15:26

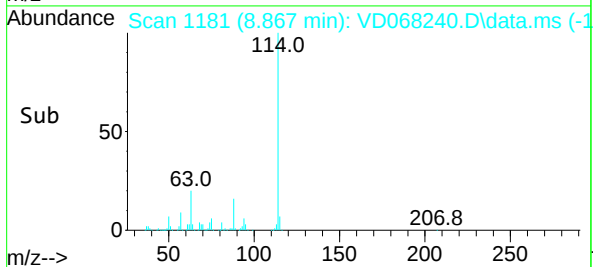
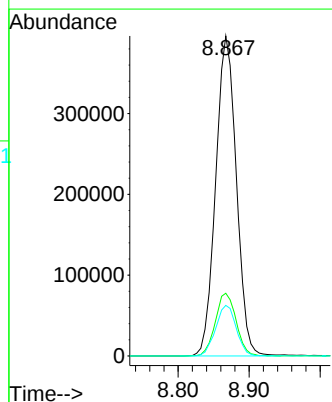
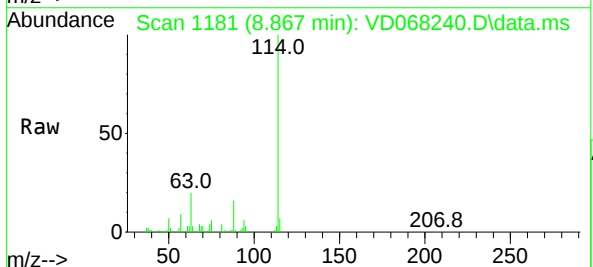
Instrument :
 MSVOA_D
 ClientSampled :

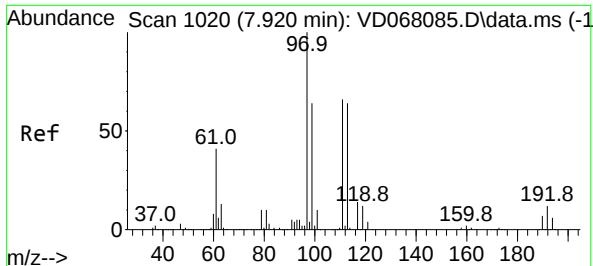
Tgt Ion: 65 Resp: 240952
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068240.D
 Acq: 29 Jan 2021 15:26

Tgt Ion: 114 Resp: 798445
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 34.8
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.00 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068240.D

Acq: 29 Jan 2021 15:26

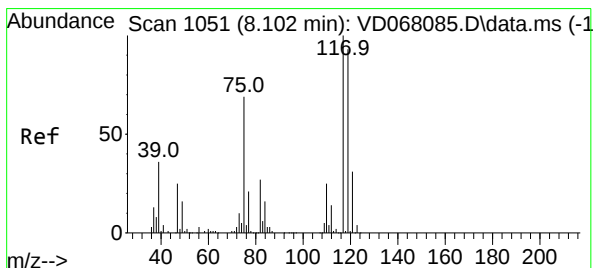
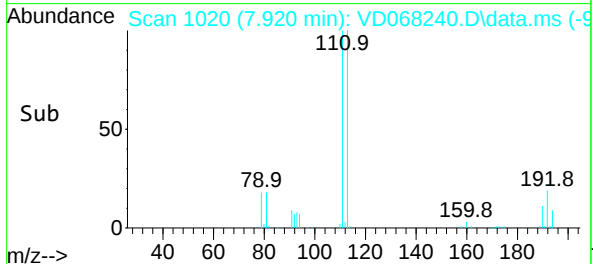
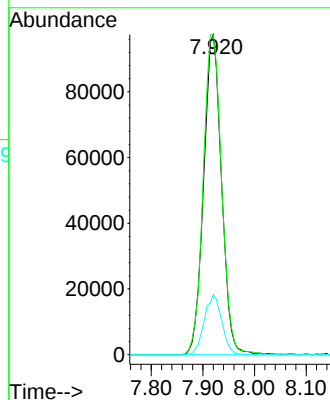
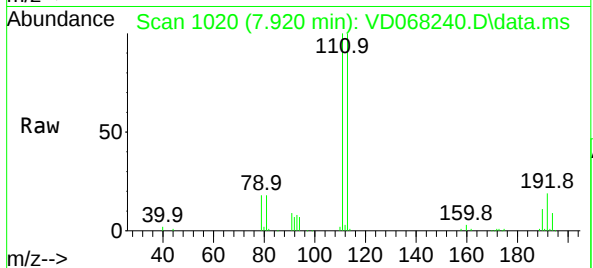
Tgt Ion:113 Resp: 233970

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.4 16.1 24.1



#38

Carbon Tetrachloride

Concen: 6.26 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.123 min

Lab File: VD068240.D

Acq: 29 Jan 2021 15:26

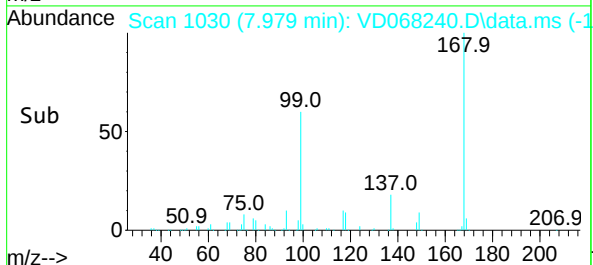
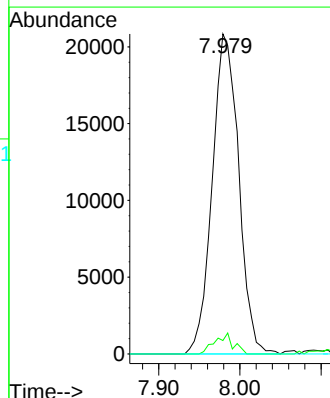
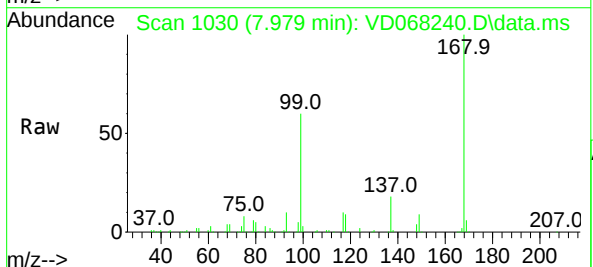
Tgt Ion:117 Resp: 47196

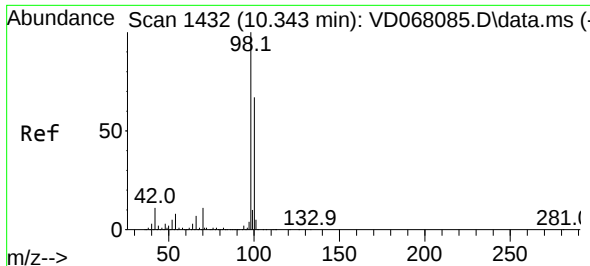
Ion Ratio Lower Upper

117 100

119 4.2 77.3 115.9#

121 0.0 24.7 37.1#

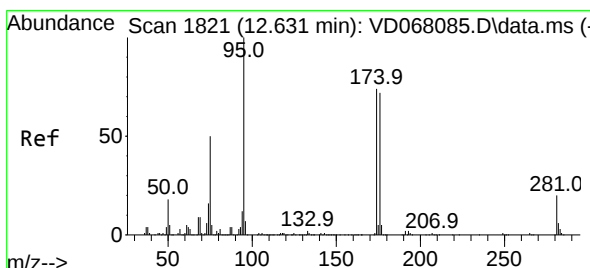
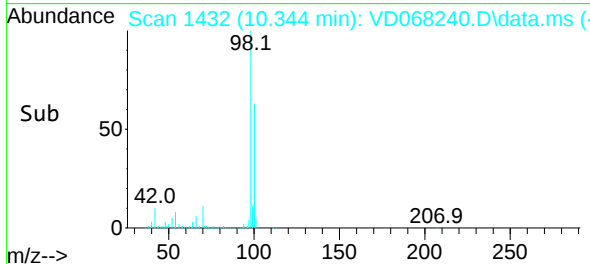
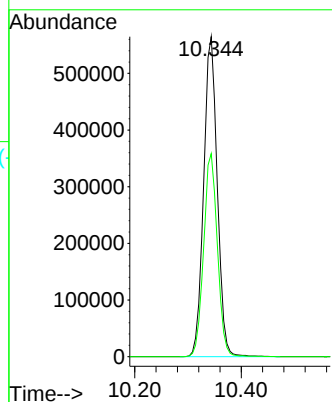
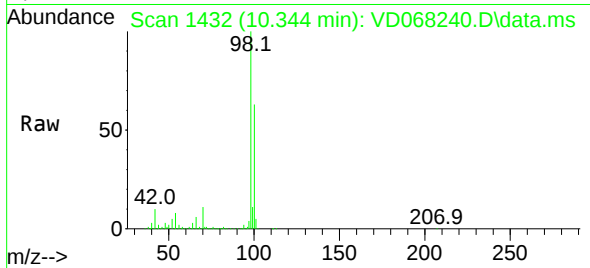




#50
Toluene-d8
Concen: 56.67 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

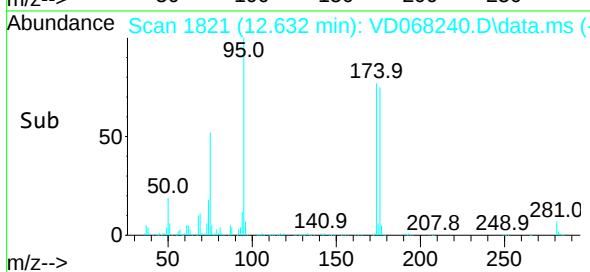
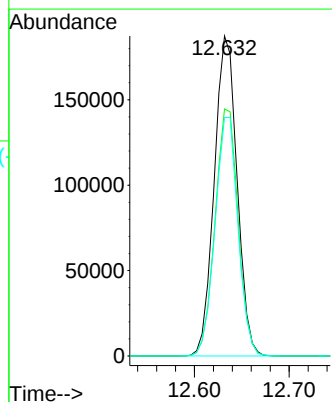
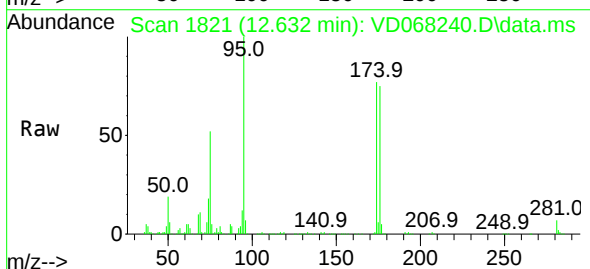
Instrument :
MSVOA_D
ClientSampled :

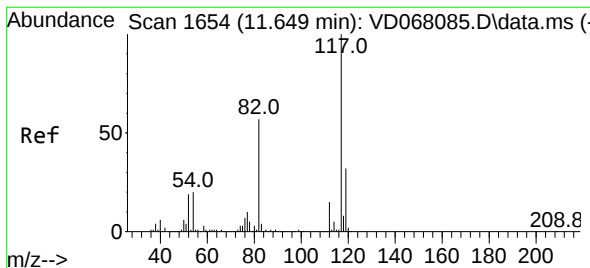
Tgt Ion: 98 Resp: 1000657
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Tgt Ion: 95 Resp: 313295
Ion Ratio Lower Upper
95 100
174 78.0 0.0 172.4
176 75.0 0.0 168.4

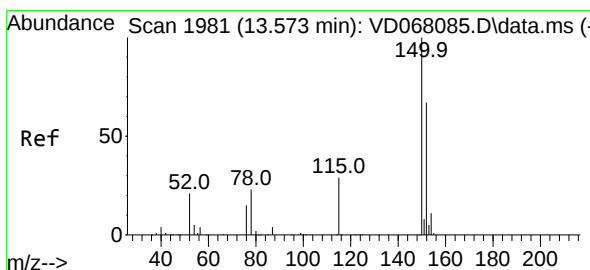
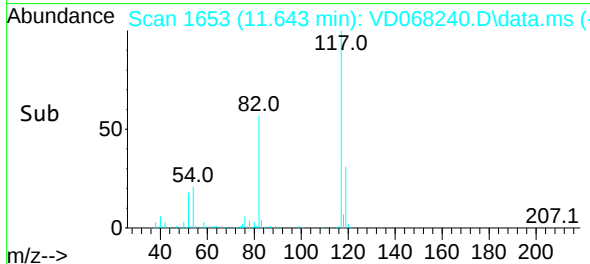
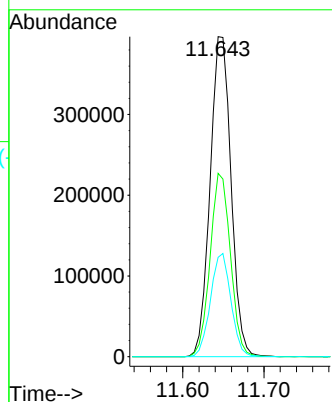
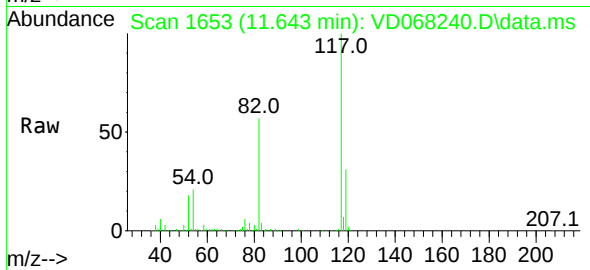




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

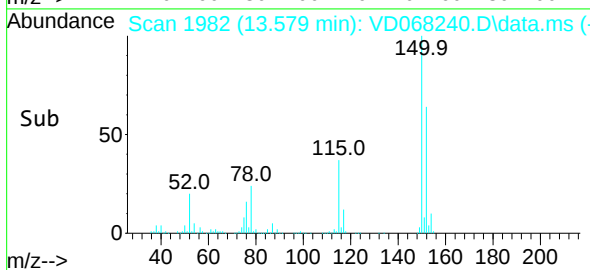
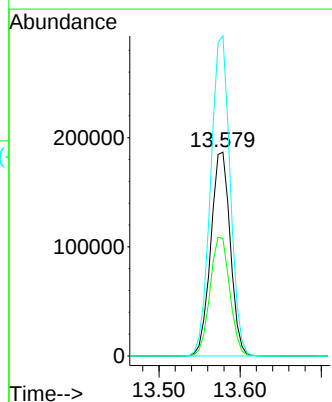
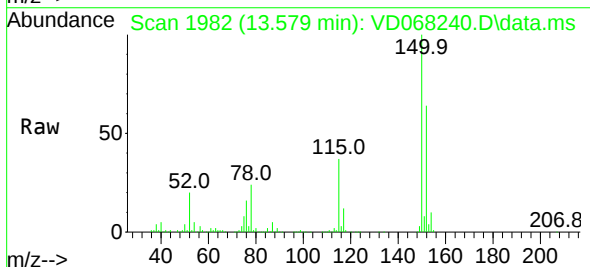
Instrument :
MSVOA_D
ClientSampleId :

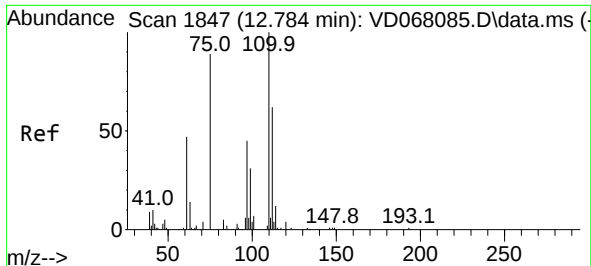
Tgt Ion:117 Resp: 710330
Ion Ratio Lower Upper
117 100
82 57.3 41.4 62.0
119 31.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Tgt Ion:152 Resp: 311815
Ion Ratio Lower Upper
152 100
115 58.9 28.9 86.8
150 156.6 0.0 344.4

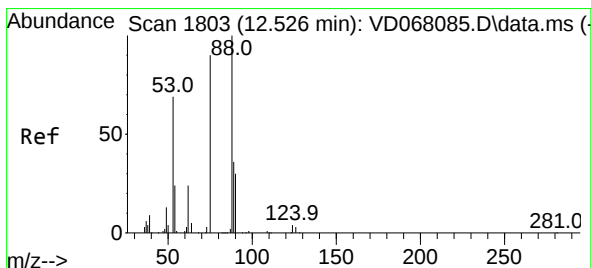
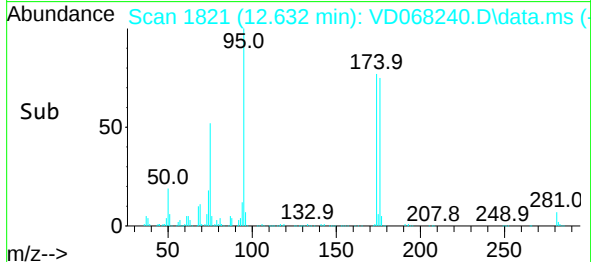
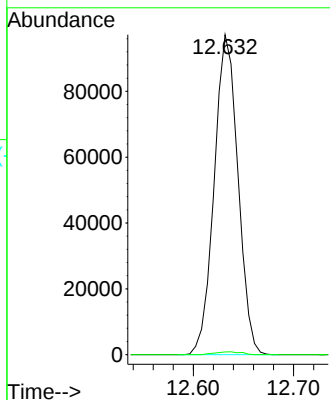
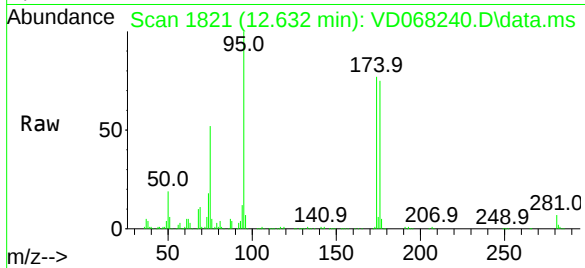




#76
1,2,3-Trichloropropane
Concen: 52.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 159765
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068240.D
Acq: 29 Jan 2021 15:26

Tgt Ion: 75 Resp: 159765
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

