

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068475.D
 Acq On : 01 Mar 2021 12:29
 Operator : VA/SY
 Sample : M1506-01
 Misc : 4.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-022621

Quant Time: Mar 01 20:46:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

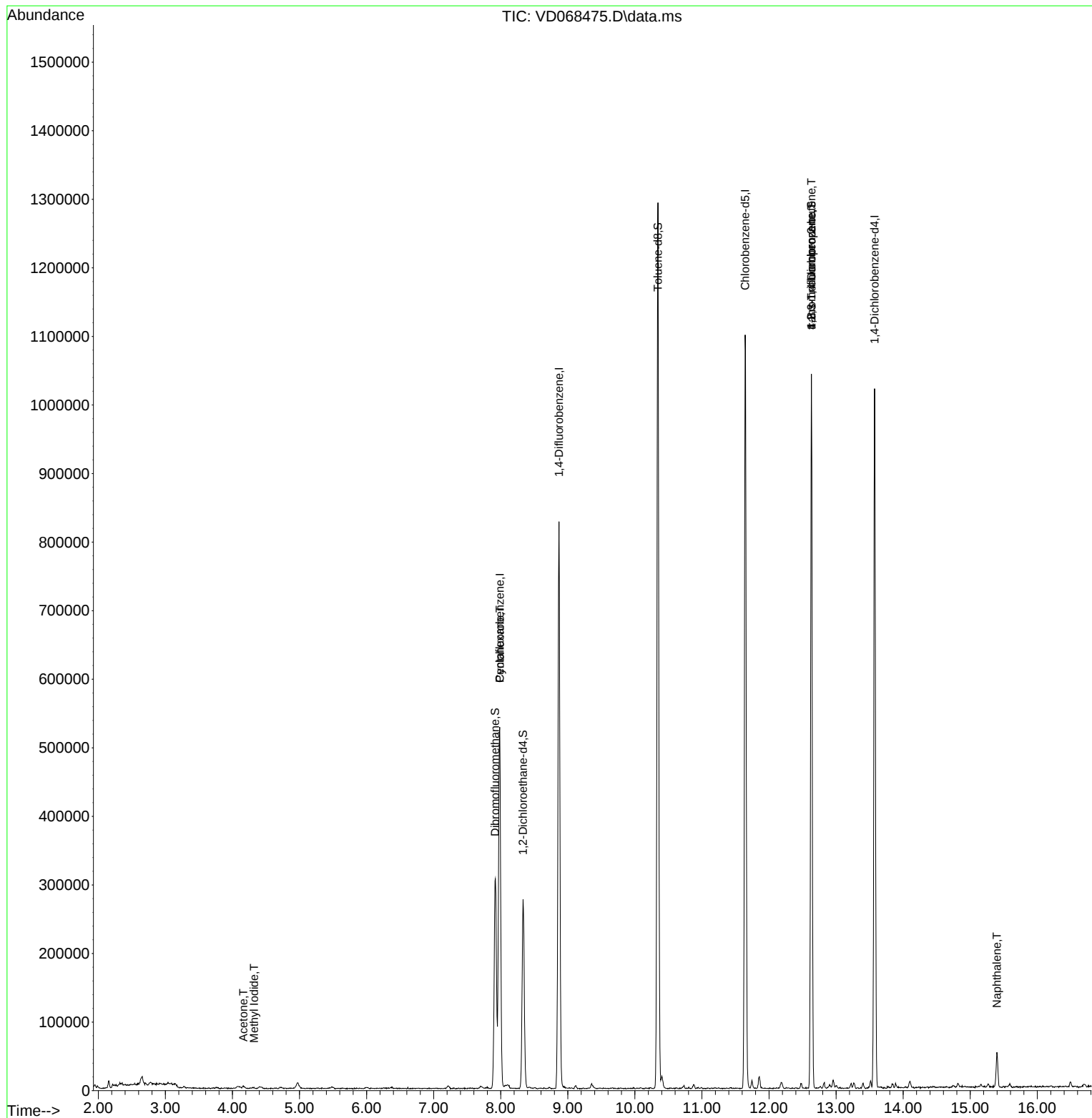
Internal Standards						
1) Pentafluorobenzene	7.985	168	409617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	729459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	675794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	286202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	219125	53.54	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.08%			
35) Dibromofluoromethane	7.914	113	224593	51.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.22%			
50) Toluene-d8	10.344	98	911342	52.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.14%			
62) 4-Bromofluorobenzene	12.632	95	291186	51.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.24%			
Target Compounds						Qvalue
10) Methyl Iodide	4.321	142	1377	2.88	ug/l #	70
16) Acetone	4.162	43	5577	8.58	ug/l #	66
20) Methylene Chloride	4.979	84	7607	Below Cal		90
31) Cyclohexane	7.985	56	10578	1.42	ug/l #	35
76) 1,2,3-Trichloropropane	12.632	75	144750	56.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	144750	132.95	ug/l #	14
95) Naphthalene	15.396	128	44802	3.99	ug/l	99

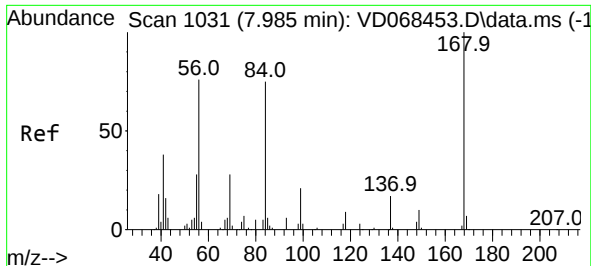
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
Data File : VD068475.D
Acq On : 01 Mar 2021 12:29
Operator : VA/SY
Sample : M1506-01
Misc : 4.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

Quant Time: Mar 01 20:46:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

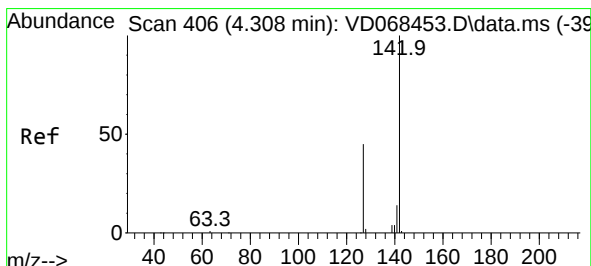
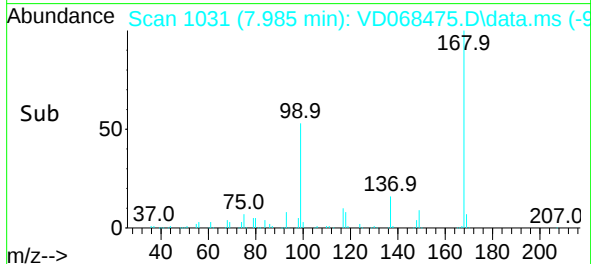
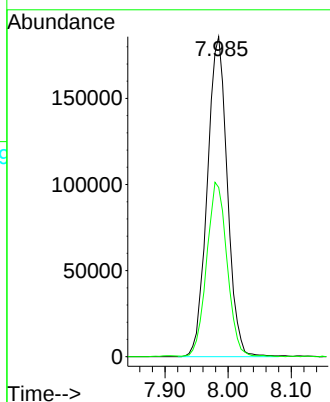
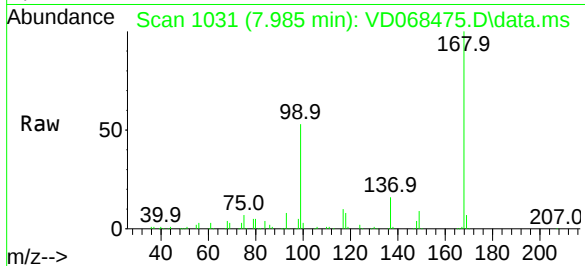




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

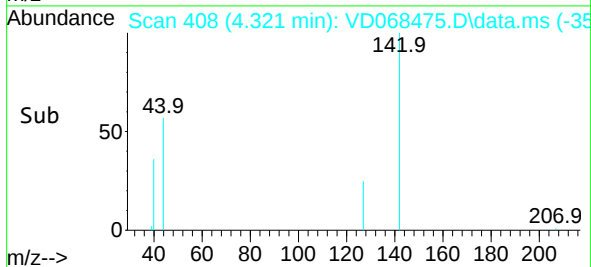
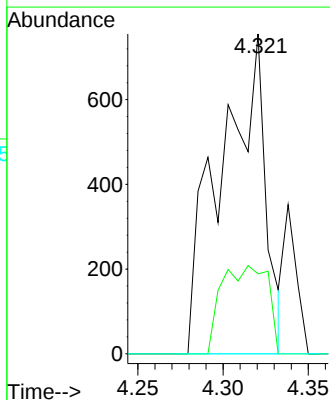
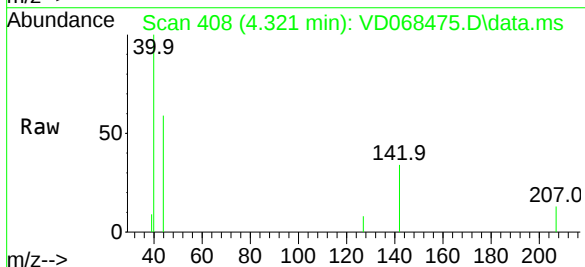
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

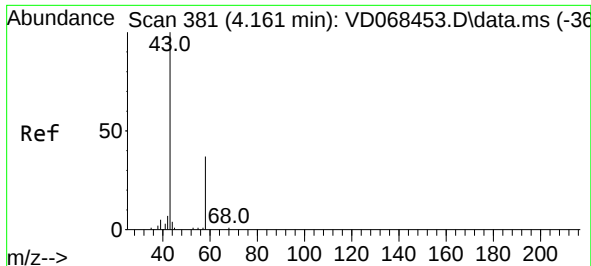
Tgt Ion:168 Resp: 409617
Ion Ratio Lower Upper
168 100
99 52.8 43.5 65.3



#10
Methyl Iodide
Concen: 2.88 ug/l
RT: 4.321 min Scan# 408
Delta R.T. 0.013 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Tgt Ion:142 Resp: 1377
Ion Ratio Lower Upper
142 100
127 28.5 37.9 56.9#
141 0.0 11.5 17.3#

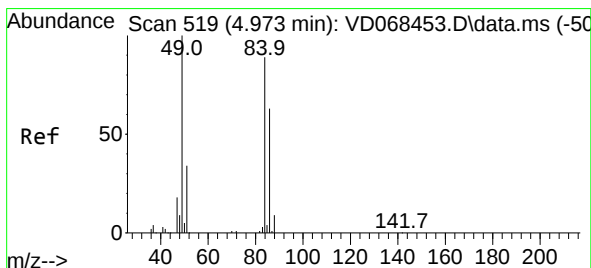
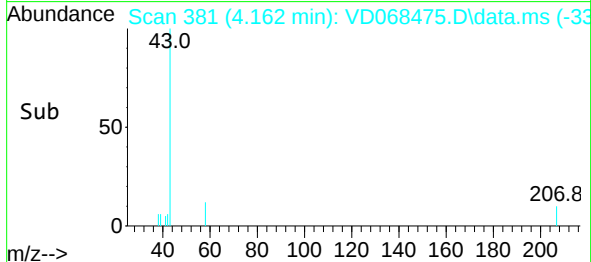
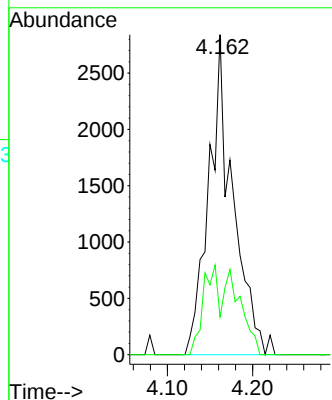
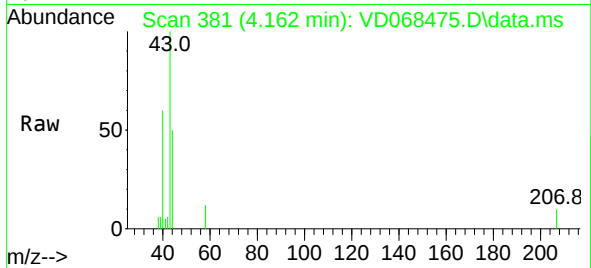




#16
Acetone
Concen: 8.58 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

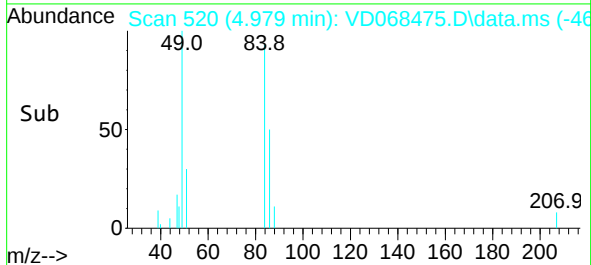
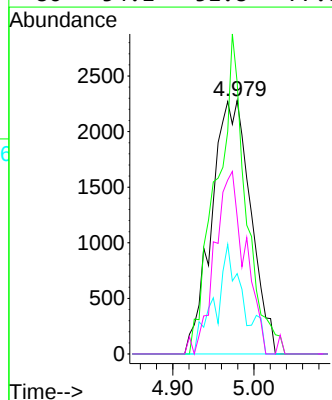
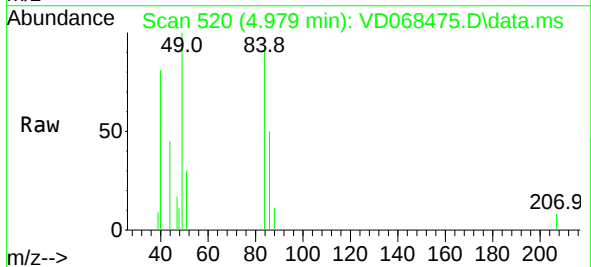
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

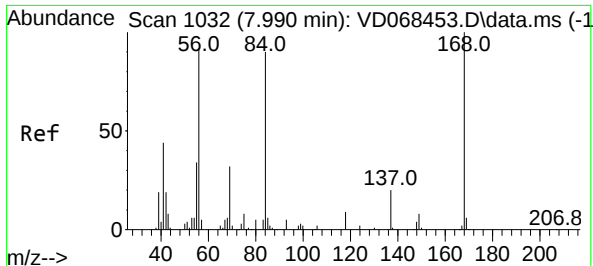
Tgt Ion: 43 Resp: 5577
Ion Ratio Lower Upper
43 100
58 11.8 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

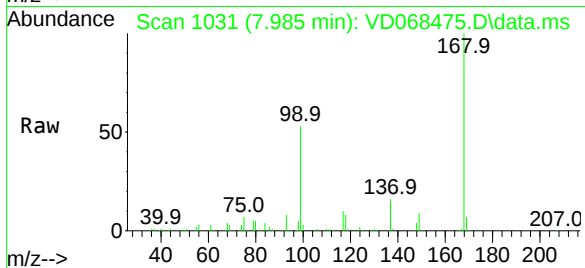
Tgt Ion: 84 Resp: 7607
Ion Ratio Lower Upper
84 100
49 107.2 77.4 116.2
51 31.7 26.1 39.1
86 54.1 51.8 77.8



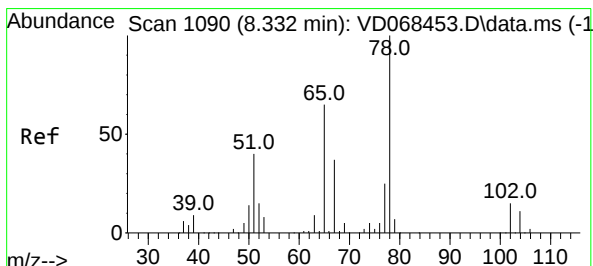
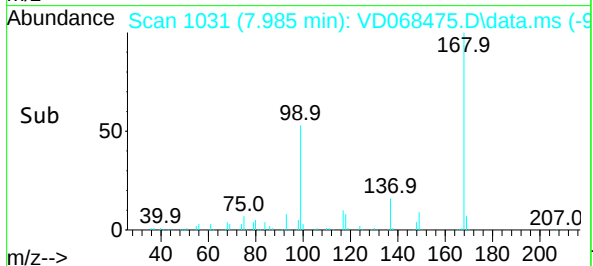
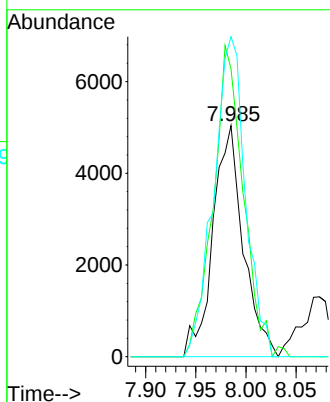


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

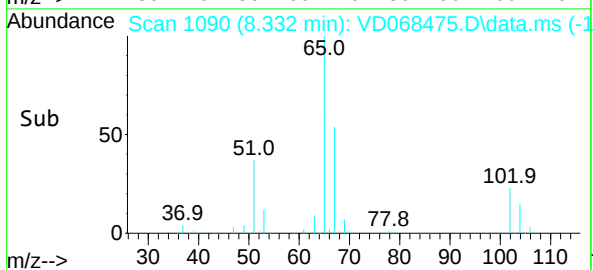
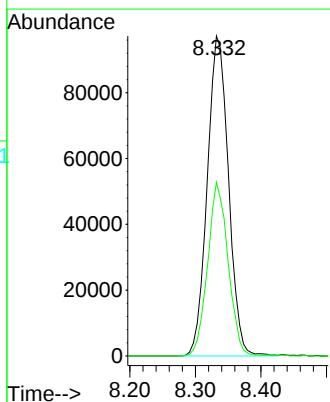
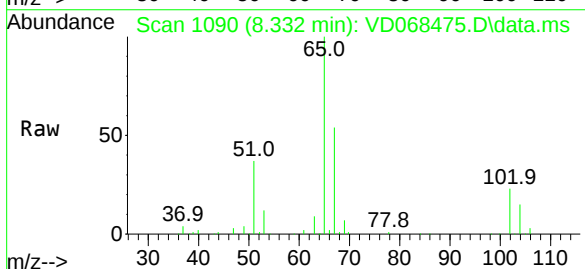


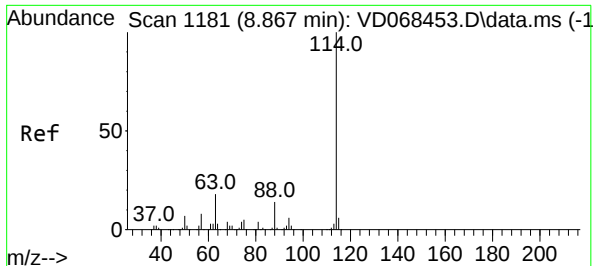
Tgt Ion: 56 Resp: 10578
Ion Ratio Lower Upper
56 100
69 124.6 30.1 45.1#
84 138.5 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 53.54 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Tgt Ion: 65 Resp: 219125
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



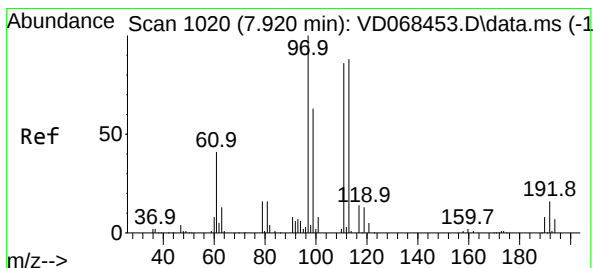
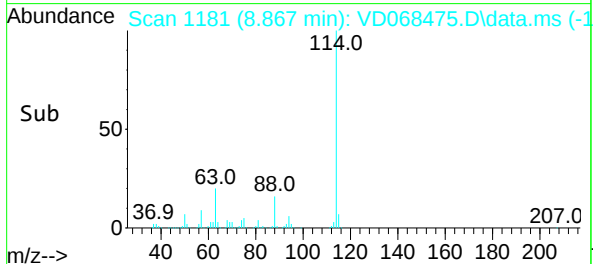
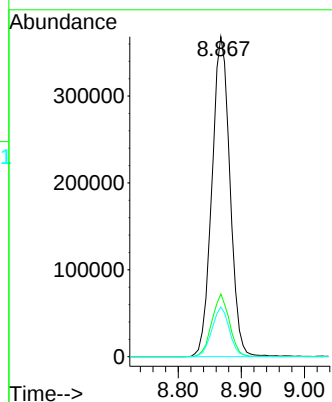
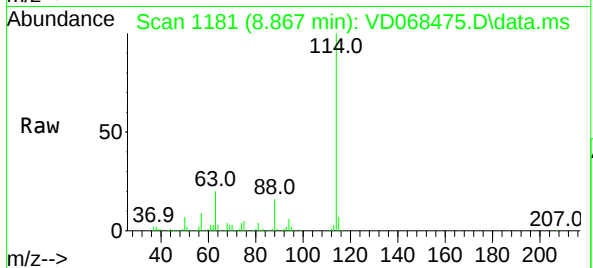


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

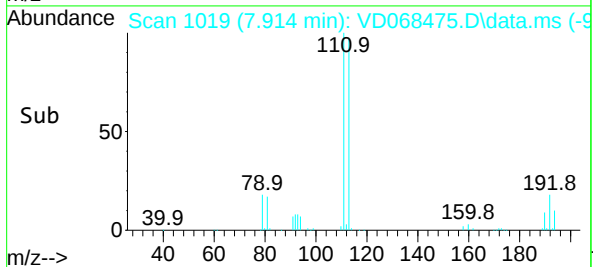
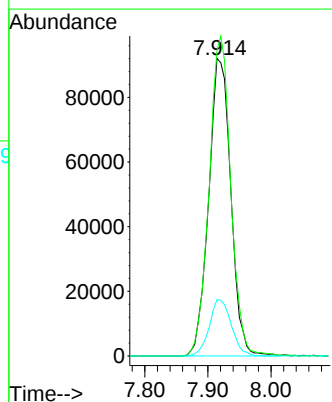
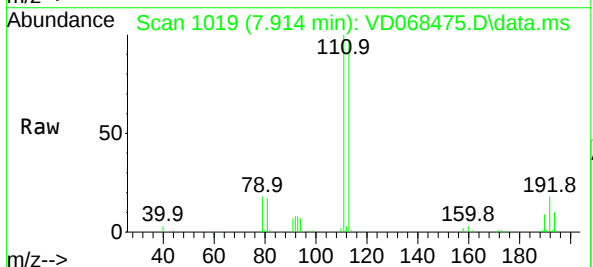
Tgt Ion:	114	Resp:	729459
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	34.8
88	15.5	0.0	31.6

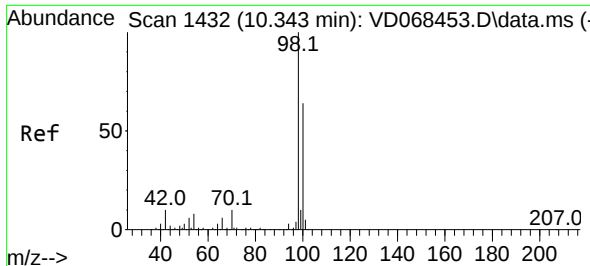


#35

Dibromofluoromethane
Concen: 51.11 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Tgt Ion:	113	Resp:	224593
Ion Ratio	Lower	Upper	
113	100		
111	105.0	81.4	122.0
192	18.8	16.1	24.1

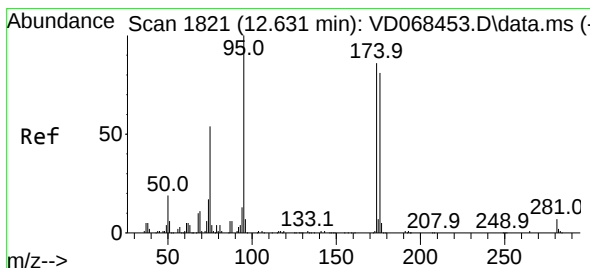
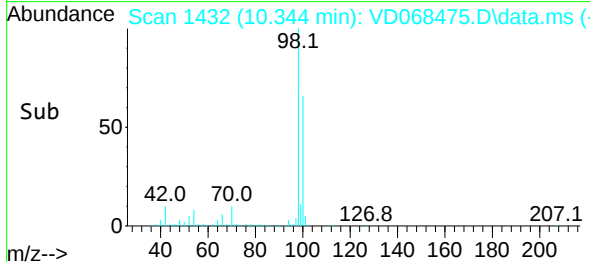
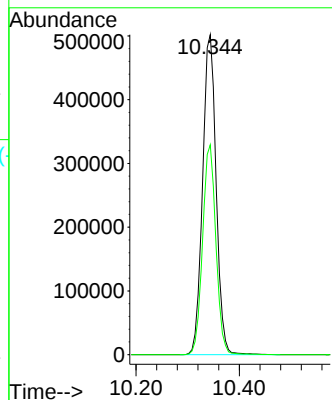
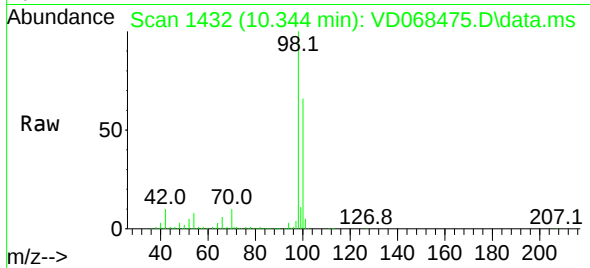




#50
Toluene-d8
Concen: 52.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

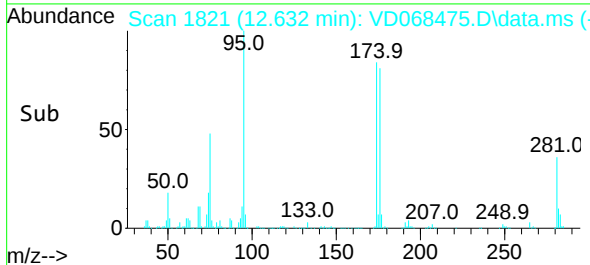
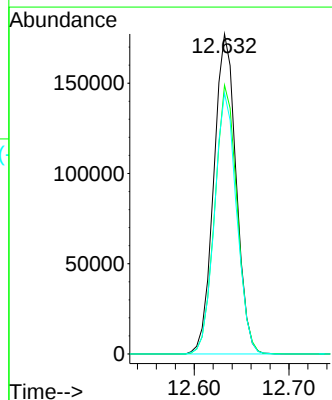
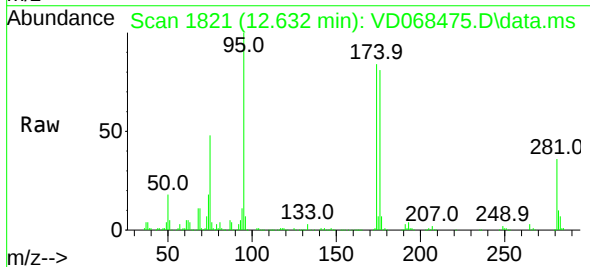
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

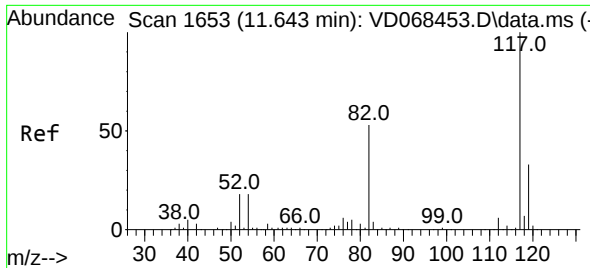
Tgt Ion: 98 Resp: 911342
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Tgt Ion: 95 Resp: 291186
Ion Ratio Lower Upper
95 100
174 83.4 0.0 172.4
176 80.6 0.0 168.4

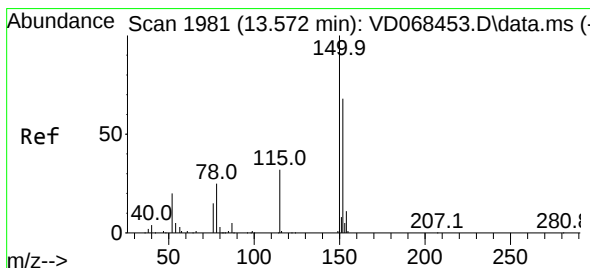
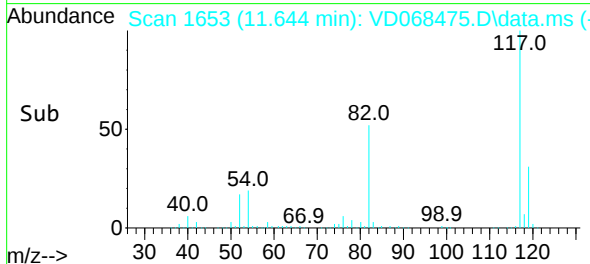
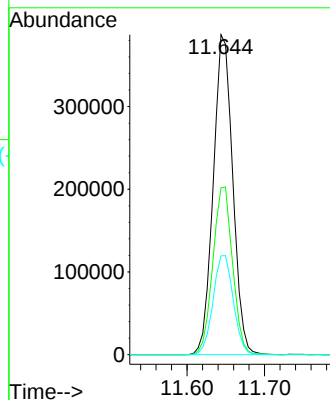
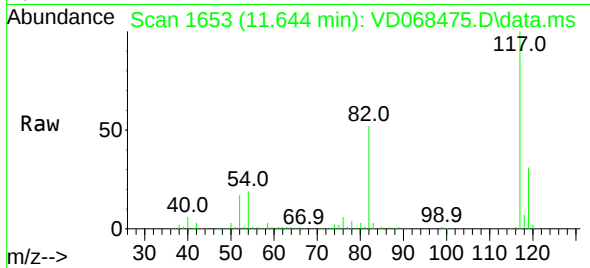




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

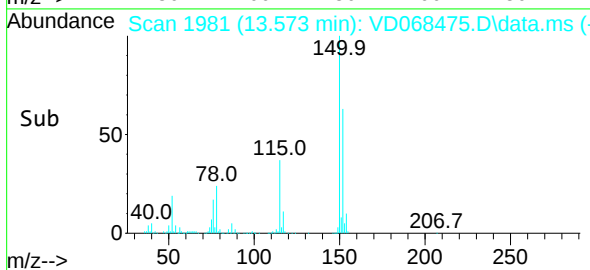
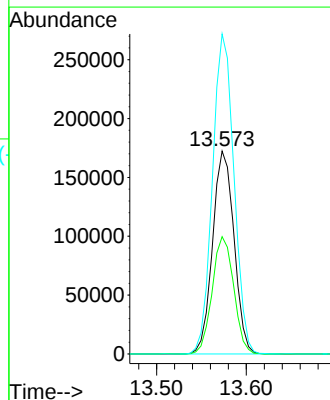
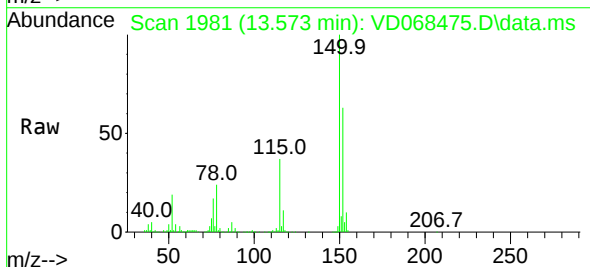
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

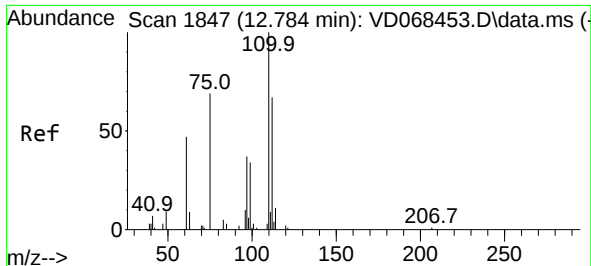
Tgt Ion:117 Resp: 675794
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.0
119 30.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Tgt Ion:152 Resp: 286202
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 157.9 0.0 344.4

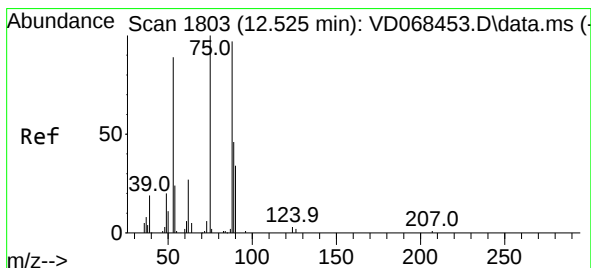
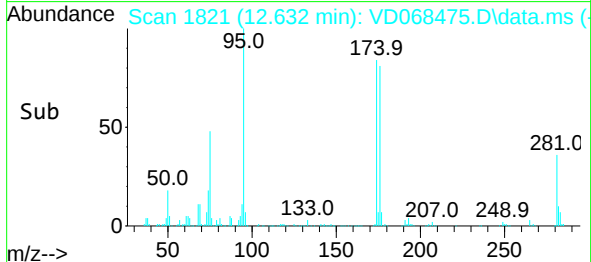
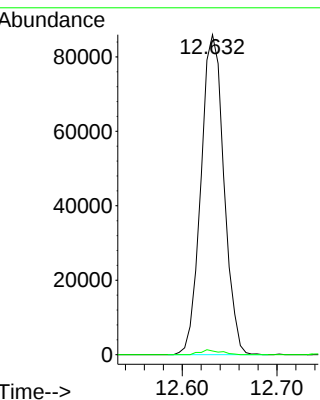
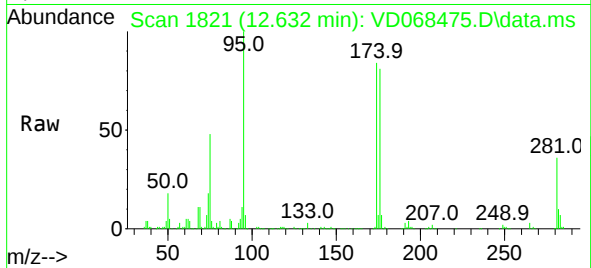




#76
1,2,3-Trichloropropane
Concen: 56.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

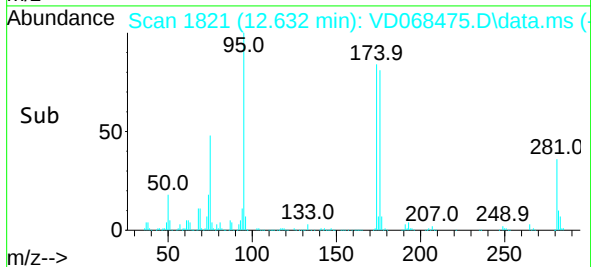
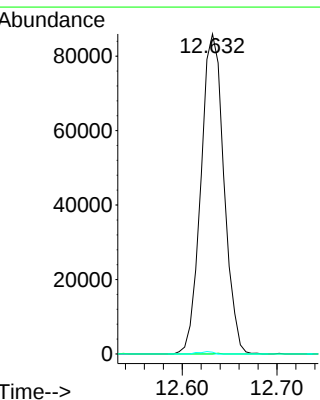
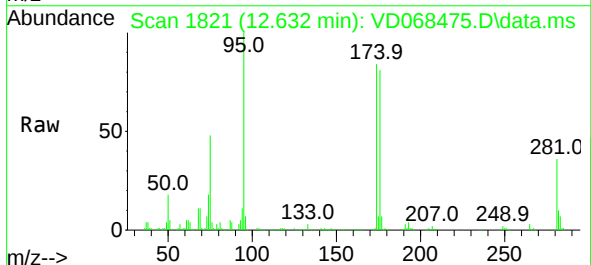
Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

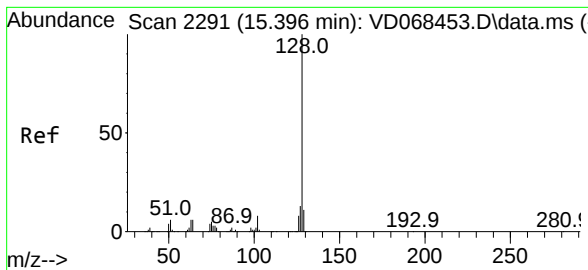
Tgt Ion: 75 Resp: 144750
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Tgt Ion: 75 Resp: 144750
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.4 40.3 60.5#





#95
Naphthalene
Concen: 3.99 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VD068475.D
Acq: 01 Mar 2021 12:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-022621

Tgt Ion:	128	Resp:	44802
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.1	8.8	13.2

