

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069016.D
 Acq On : 29 Apr 2021 14:09
 Operator : VA/SY
 Sample : VD0429SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:56:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

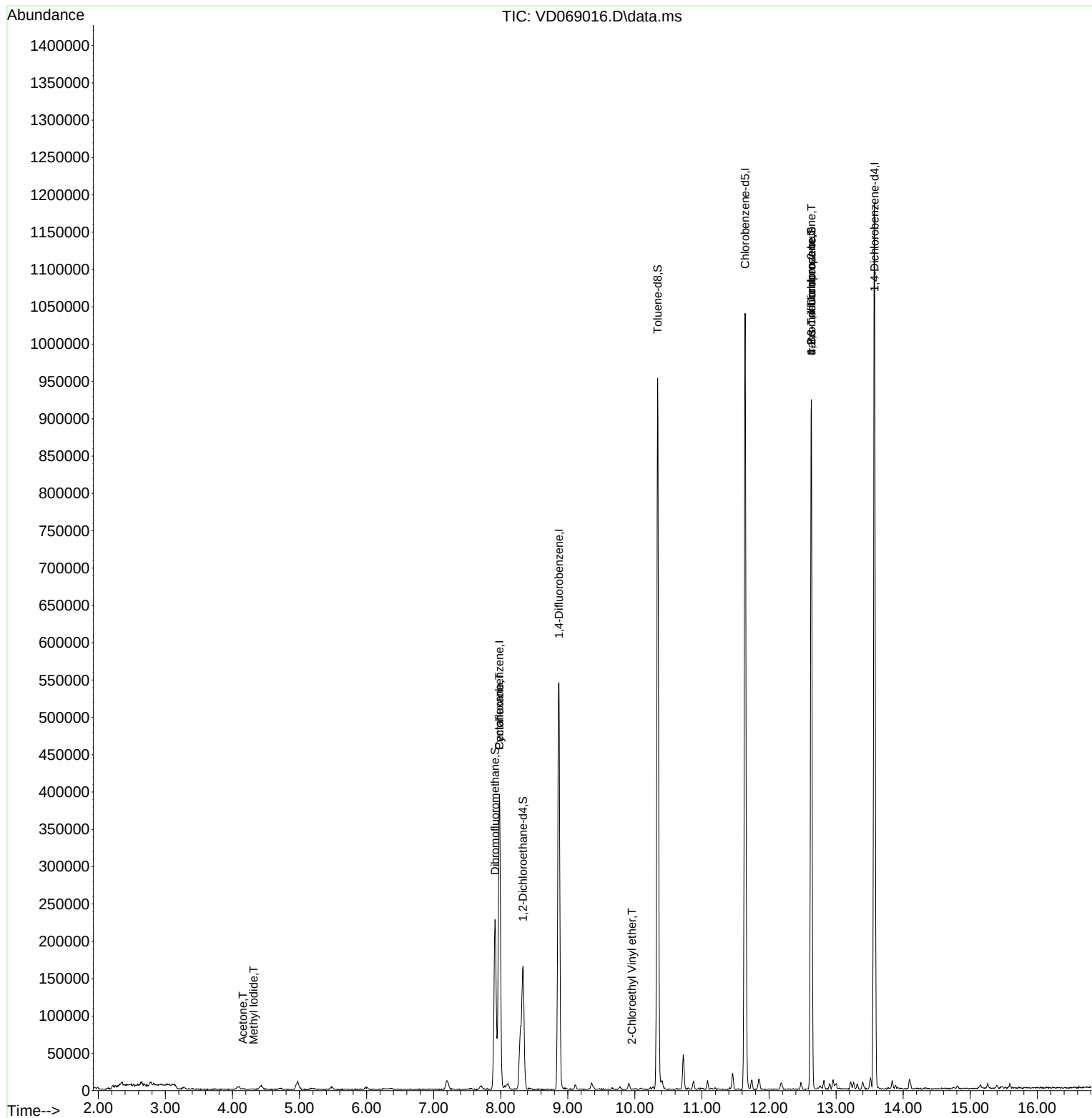
Internal Standards						
1) Pentafluorobenzene	7.979	168	307776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	520970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	635115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	337510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	125683	38.64	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.28%		
35) Dibromofluoromethane	7.914	113	162076	47.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.66%		
50) Toluene-d8	10.338	98	659643	51.60	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.20%		
62) 4-Bromofluorobenzene	12.632	95	288982	68.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	136.14%		
Target Compounds						
10) Methyl Iodide	4.315	142	1225	2.56	ug/l #	66
11) Tert butyl alcohol	5.179	59	848	Below Cal	#	73
16) Acetone	4.156	43	814	1.81	ug/l #	81
20) Methylene Chloride	4.973	84	8789	Below Cal		95
31) Cyclohexane	7.979	56	8225	1.52	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.956	63	85	17.04	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	141379	45.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	141379	106.41	ug/l #	16

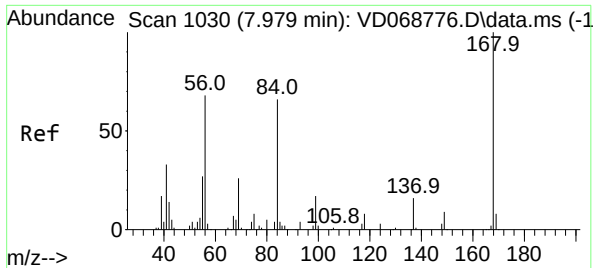
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
Data File : VD069016.D
Acq On : 29 Apr 2021 14:09
Operator : VA/SY
Sample : VD0429SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 30 02:56:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

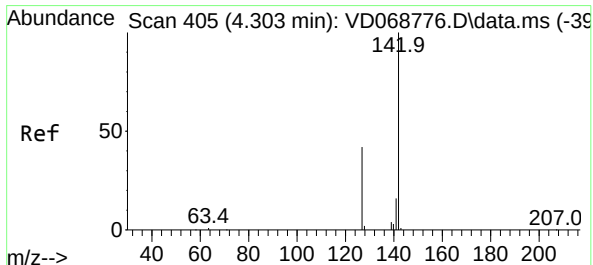
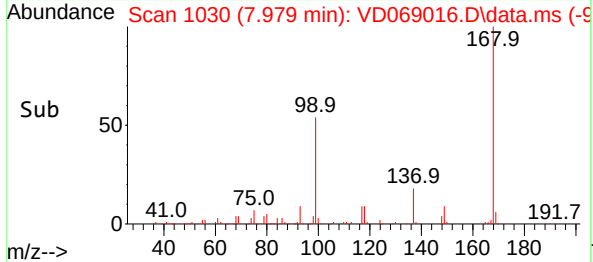
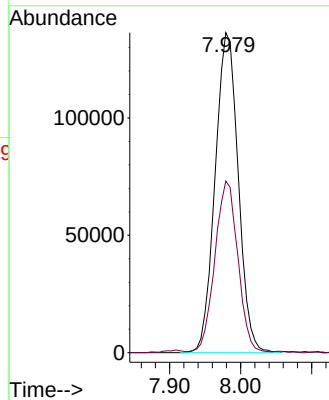
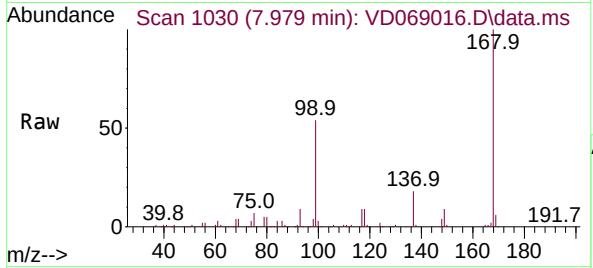




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

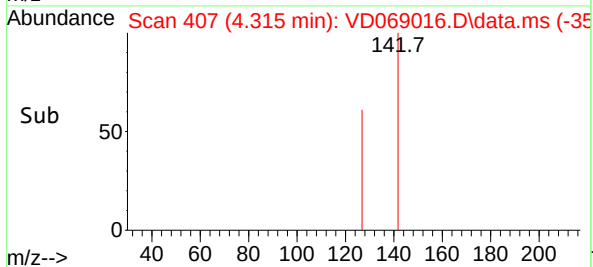
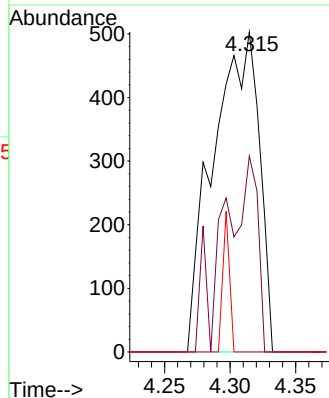
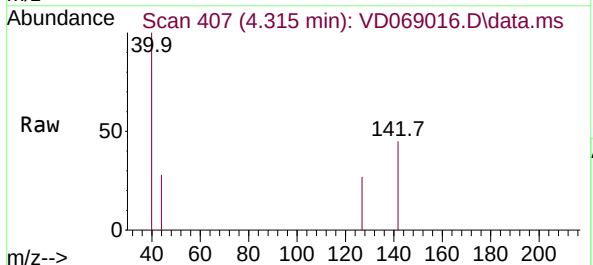
Instrument :
MSVOA_D
ClientSampleId :

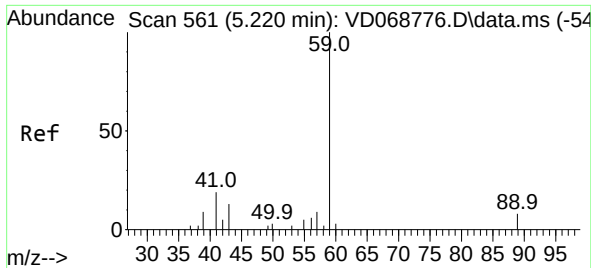
Tgt Ion:168 Resp: 307776
Ion Ratio Lower Upper
168 100
99 53.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.56 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

Tgt Ion:142 Resp: 1225
Ion Ratio Lower Upper
142 100
127 21.9 34.7 52.1#
141 0.0 11.0 16.4#

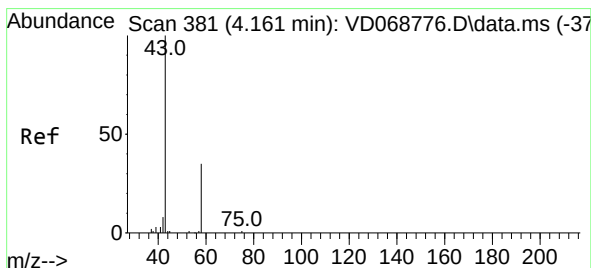
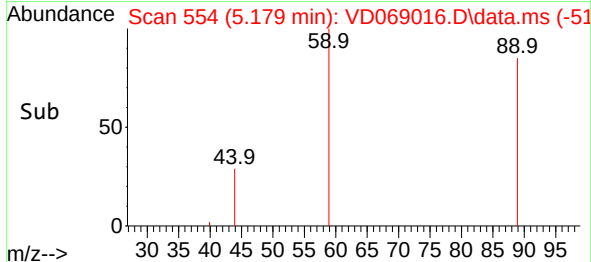
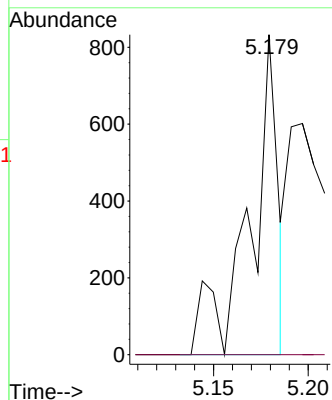
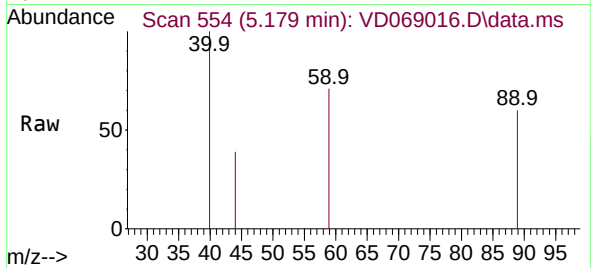




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

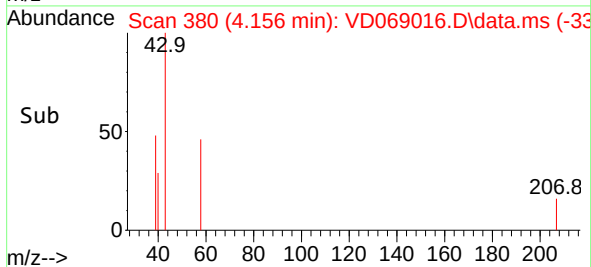
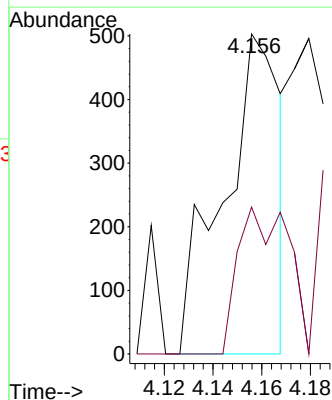
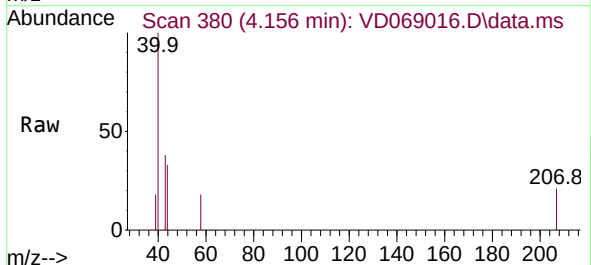
Instrument :
MSVOA_D
ClientSampled :

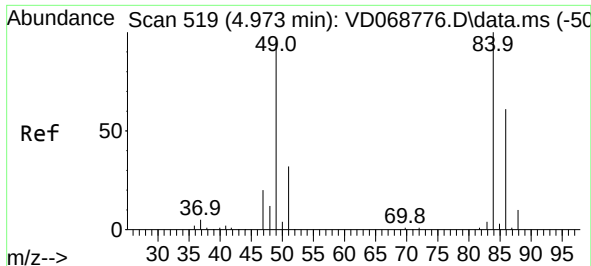
Tgt Ion: 59 Resp: 848
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.81 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 45.9 28.0 42.0#

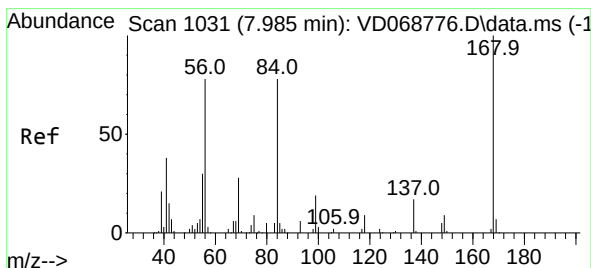
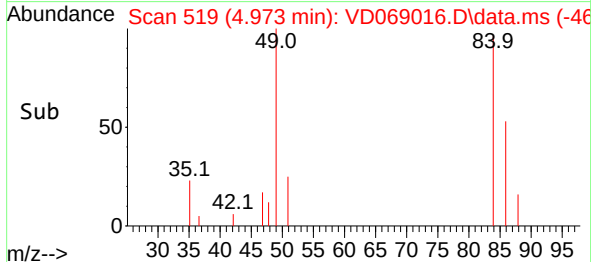
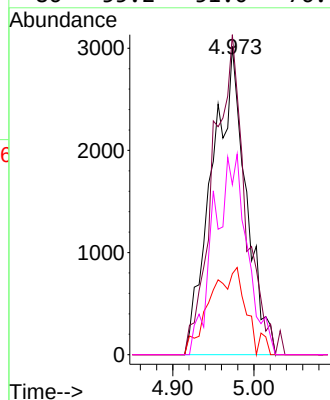
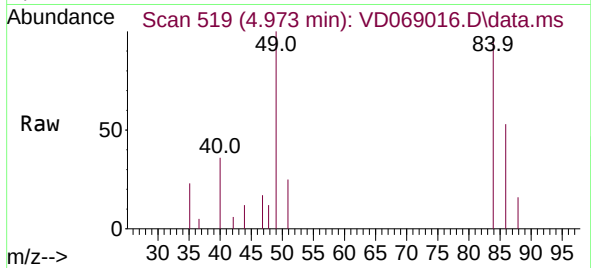




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

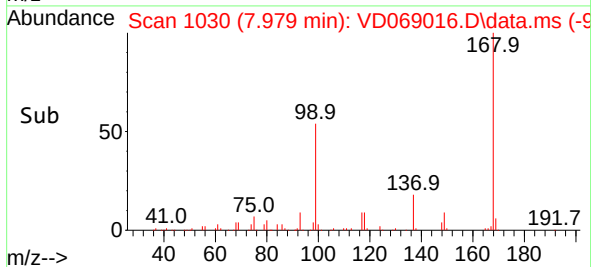
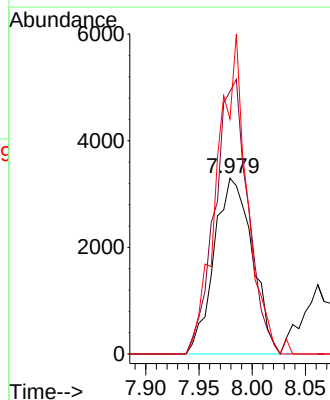
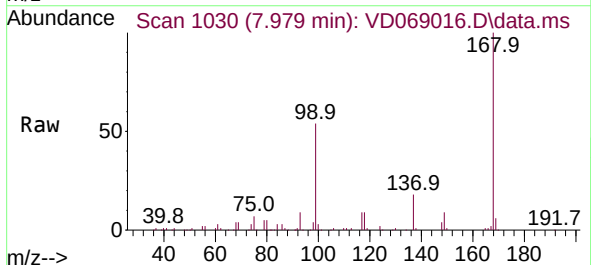
Instrument :
MSVOA_D
ClientSampleId :

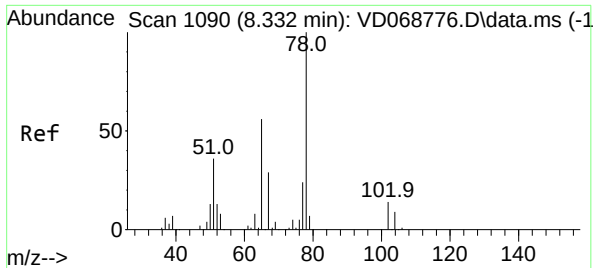
Tgt Ion:	84	Resp:	8789
Ion	Ratio	Lower	Upper
84	100		
49	103.8	83.4	125.0
51	26.3	23.4	35.2
86	55.2	51.0	76.4



#31
Cyclohexane
Concen: 1.52 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

Tgt Ion:	56	Resp:	8225
Ion	Ratio	Lower	Upper
56	100		
69	149.3	30.0	45.0#
84	133.6	82.0	123.0#



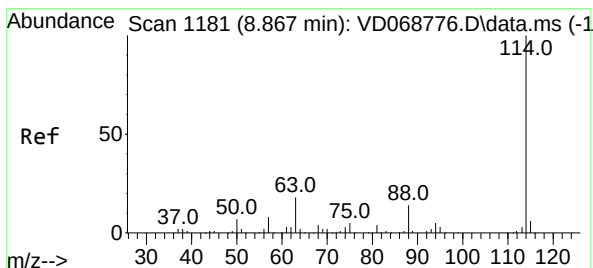
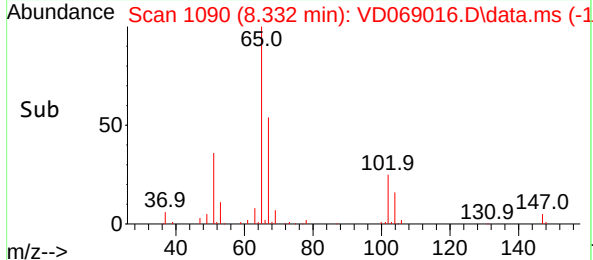
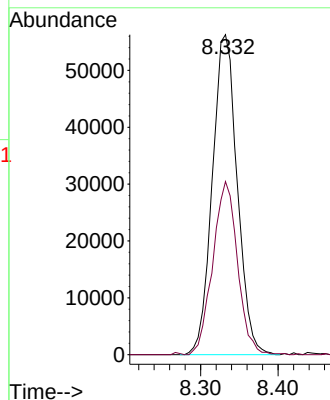
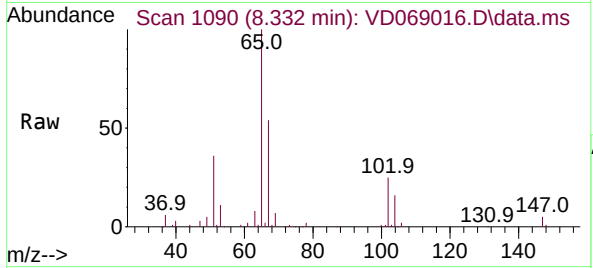


#33
 1,2-Dichloroethane-d4
 Concen: 38.64 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069016.D
 Acq: 29 Apr 2021 14:09

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 65 Resp: 125683

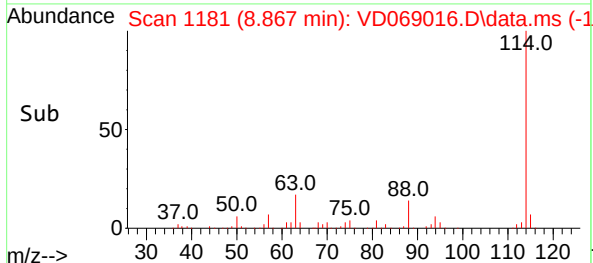
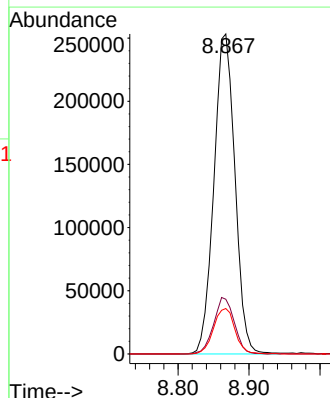
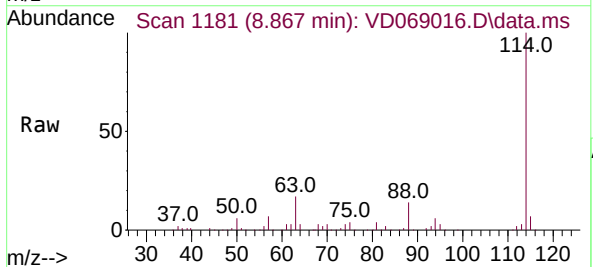
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.0

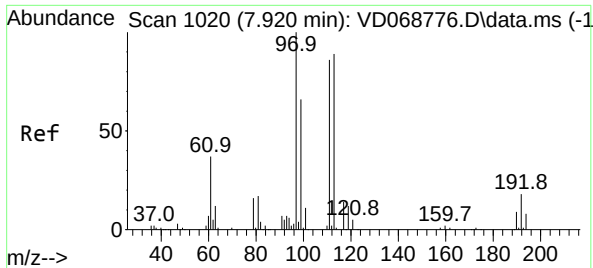


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD069016.D
 Acq: 29 Apr 2021 14:09

Tgt Ion: 114 Resp: 520970

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	38.2
88	14.2	0.0	29.4





#35

Dibromofluoromethane

Concen: 47.83 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD069016.D

Acq: 29 Apr 2021 14:09

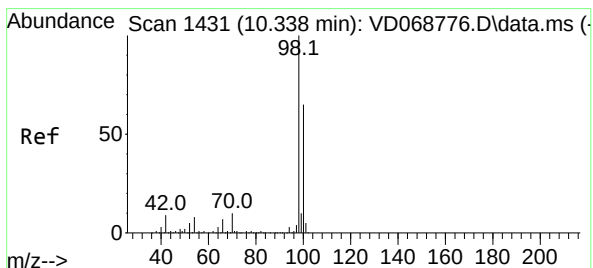
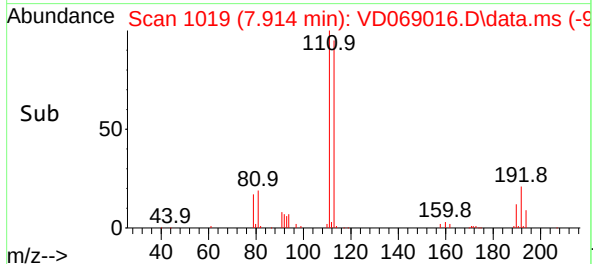
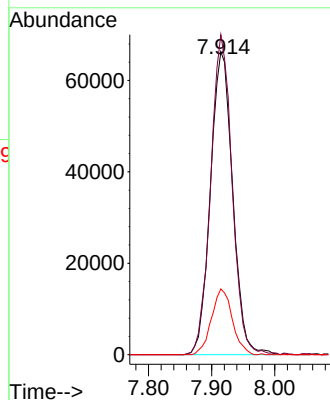
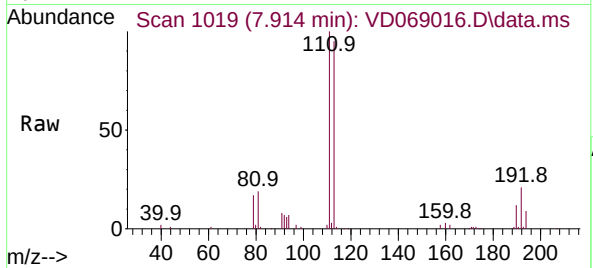
Tgt Ion:113 Resp: 162076

Ion Ratio Lower Upper

113 100

111 101.7 82.5 123.7

192 20.4 15.1 22.7



#50

Toluene-d8

Concen: 51.60 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069016.D

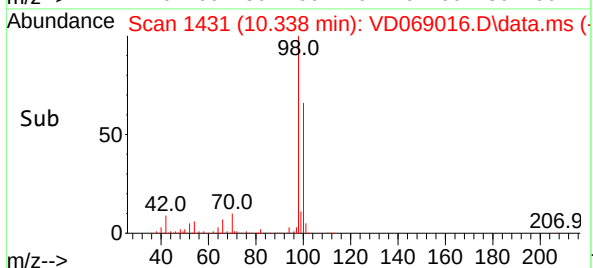
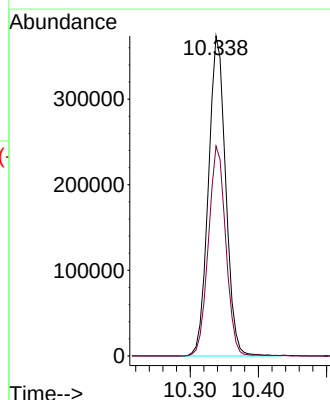
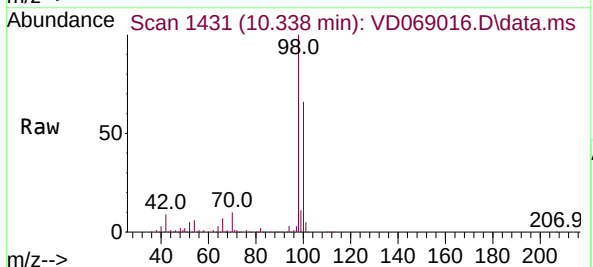
Acq: 29 Apr 2021 14:09

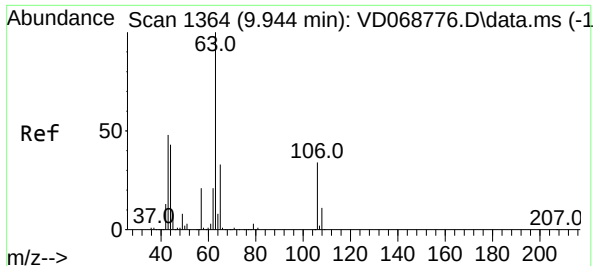
Tgt Ion: 98 Resp: 659643

Ion Ratio Lower Upper

98 100

100 66.0 51.8 77.6

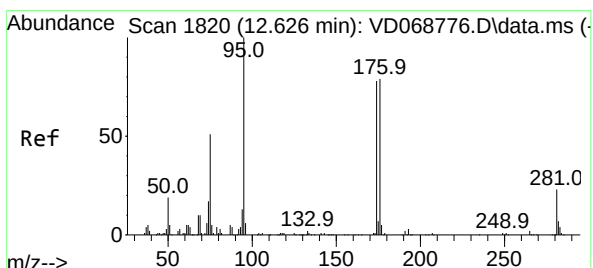
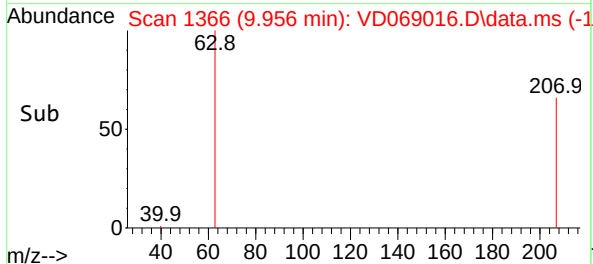
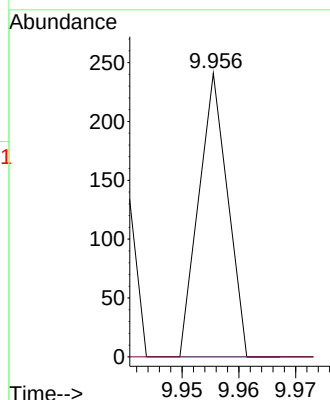
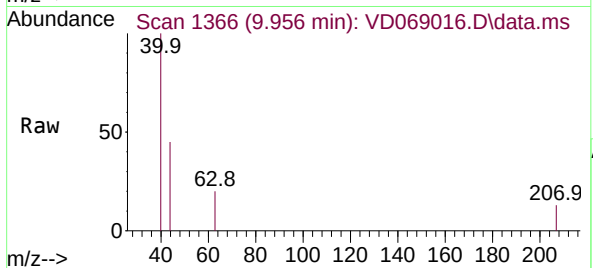




#58
2-Chloroethyl Vinyl ether
Concen: 17.04 ug/l
RT: 9.956 min Scan# 1366
Delta R.T. 0.011 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

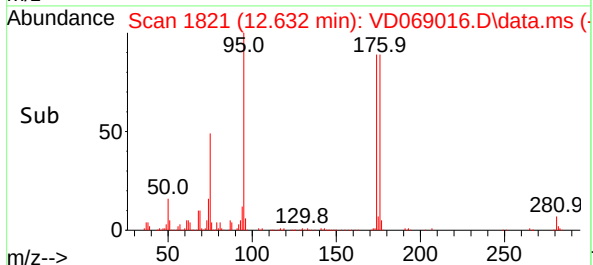
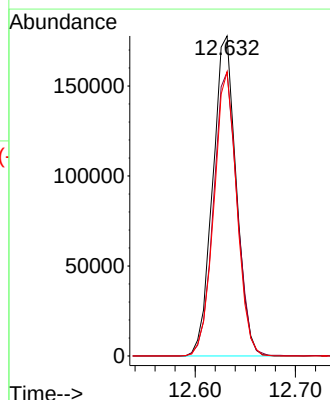
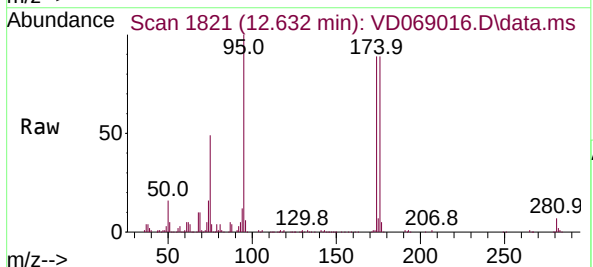
Instrument :
MSVOA_D
ClientSampleId :

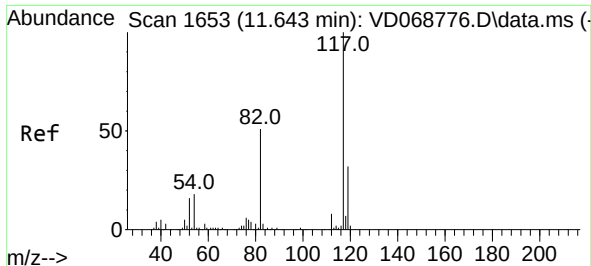
Tgt Ion: 63 Resp: 85
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 68.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

Tgt Ion: 95 Resp: 288982
Ion Ratio Lower Upper
95 100
174 88.8 0.0 168.0
176 86.1 0.0 160.2

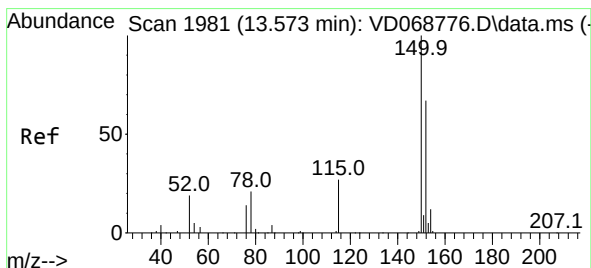
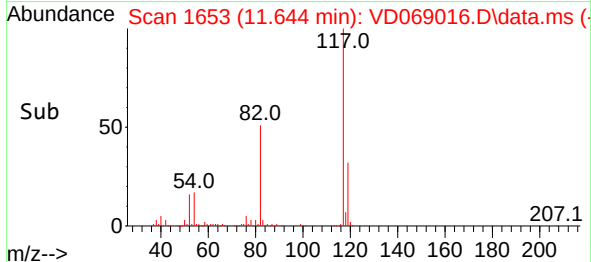
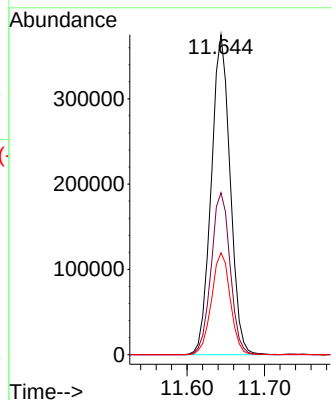
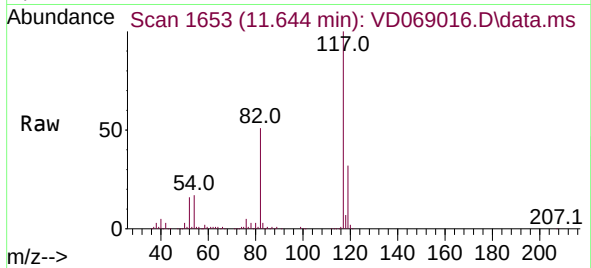




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

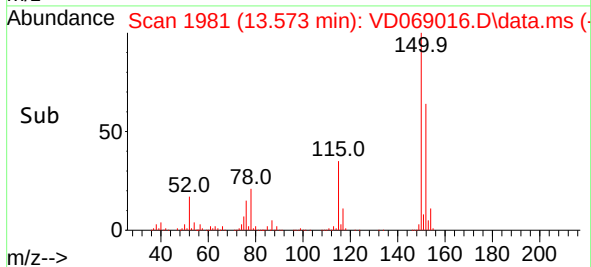
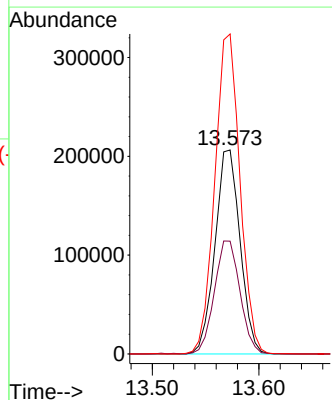
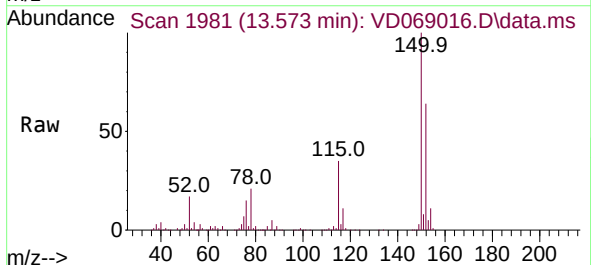
Instrument :
MSVOA_D
ClientSampleId :

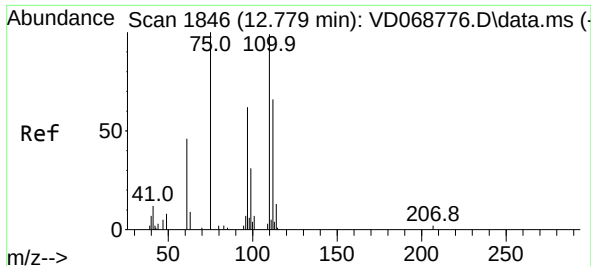
Tgt Ion:117 Resp: 635115
Ion Ratio Lower Upper
117 100
82 50.6 43.5 65.3
119 31.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

Tgt Ion:152 Resp: 337510
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 157.2 0.0 347.6

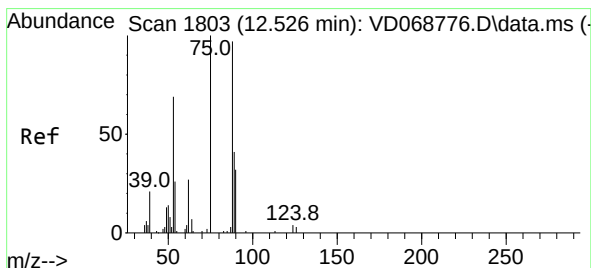
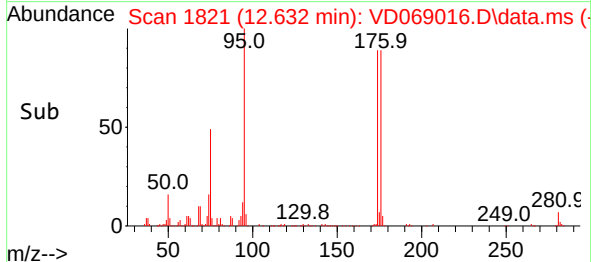
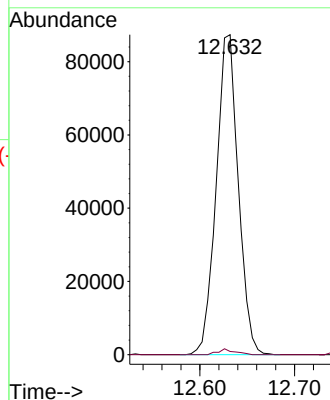
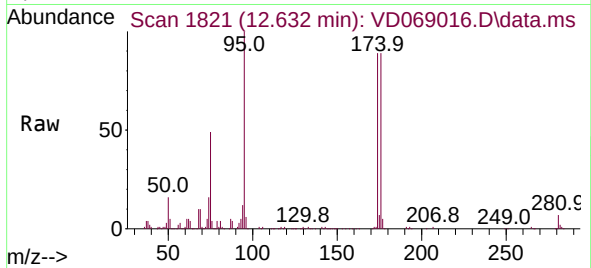




#76
1,2,3-Trichloropropane
Concen: 45.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 141379
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069016.D
Acq: 29 Apr 2021 14:09

Tgt Ion: 75 Resp: 141379
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

