

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
 Data File : VD069065.D
 Acq On : 05 May 2021 13:04
 Operator : VA/SY
 Sample : VD0505SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 14:03:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

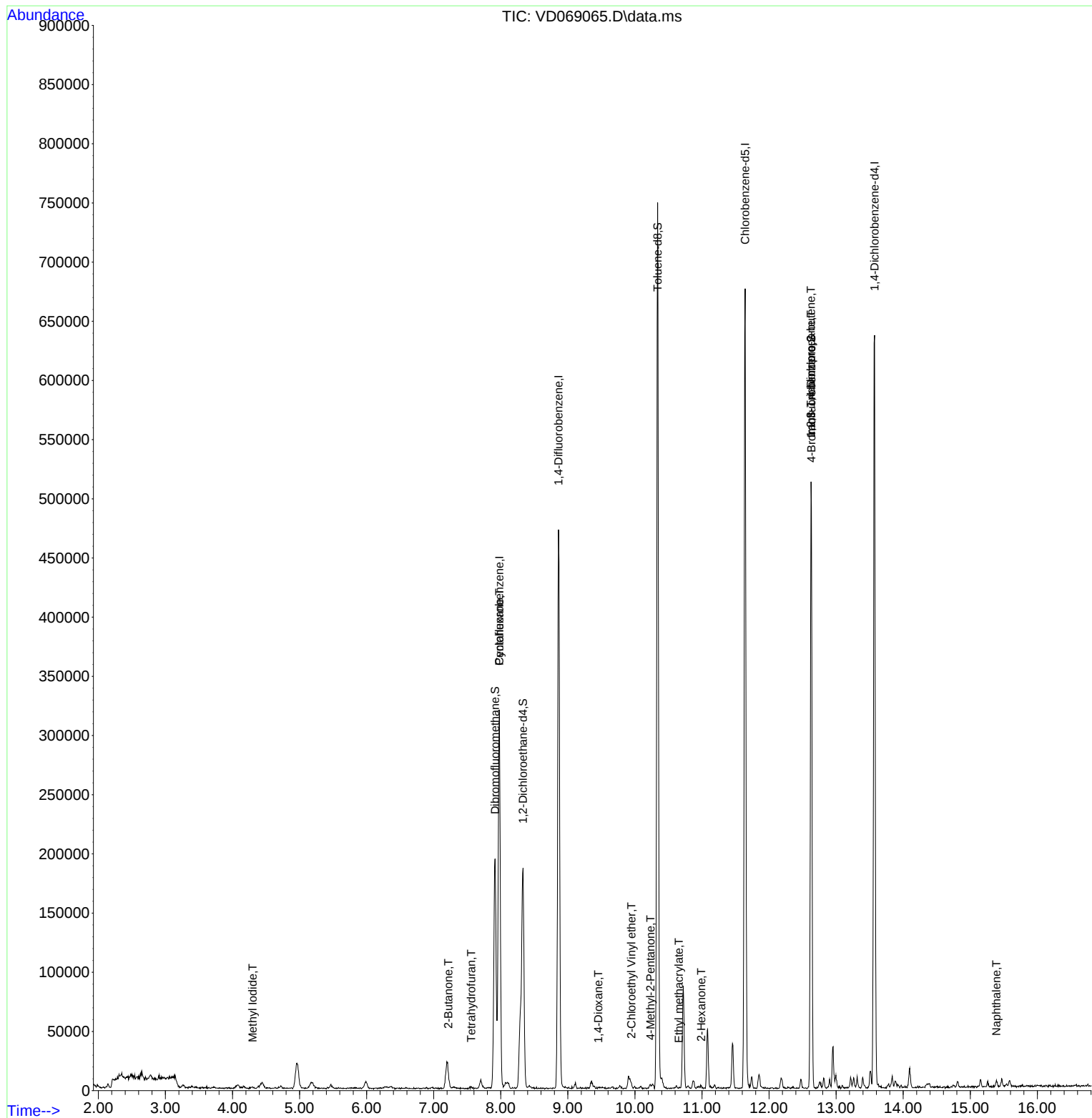
Internal Standards						
1) Pentafluorobenzene	7.979	168	210722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	393847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	375403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	166824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151582	55.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	111.64%		
35) Dibromofluoromethane	7.914	113	134303	49.73	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.46%		
50) Toluene-d8	10.338	98	491300	49.27	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.54%		
62) 4-Bromofluorobenzene	12.632	95	151021	46.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.10%		
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	1199	3.68	ug/l #	48
11) Tert butyl alcohol	5.179	59	6289	Below Cal	#	81
16) Acetone	4.144	43	1154	Below Cal	#	87
20) Methylene Chloride	4.956	84	16924	Below Cal		98
25) 2-Butanone	7.220	43	826	1.42	ug/l	96
29) Tetrahydrofuran	7.561	42	387	1.08	ug/l #	60
31) Cyclohexane	7.979	56	7493	1.90	ug/l #	58
49) 1,4-Dioxane	9.455	88	112	5.97	ug/l #	4
51) 4-Methyl-2-Pentanone	10.232	43	2267	1.51	ug/l	97
56) Ethyl methacrylate	10.655	69	471	2.55	ug/l #	80
58) 2-Chloroethyl Vinyl ether	9.949	63	2773	2.22	ug/l	96
59) 2-Hexanone	10.991	43	1437	1.42	ug/l	65
76) 1,2,3-Trichloropropane	12.626	75	84174	57.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	84174	126.12	ug/l #	9
95) Naphthalene	15.390	128	4502	3.58	ug/l #	89

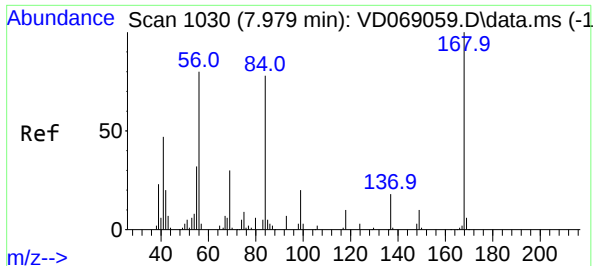
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 05 14:03:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

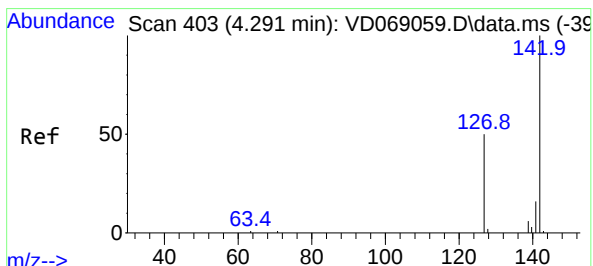
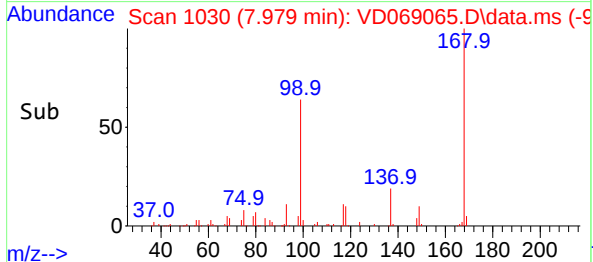
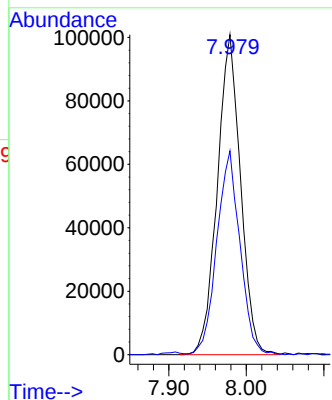
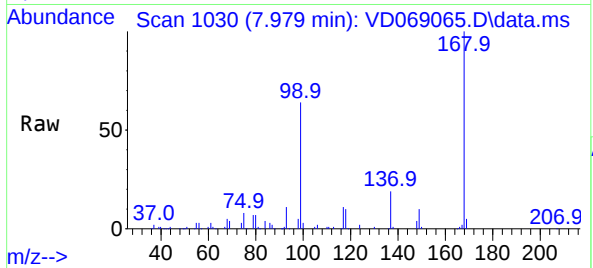




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

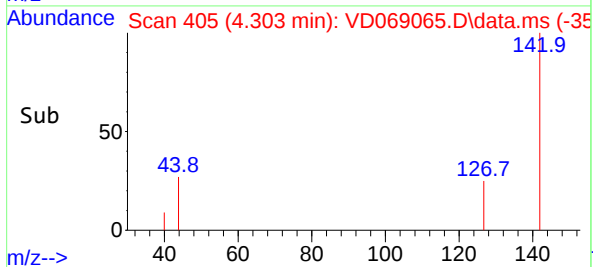
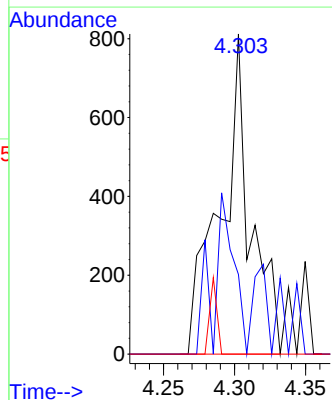
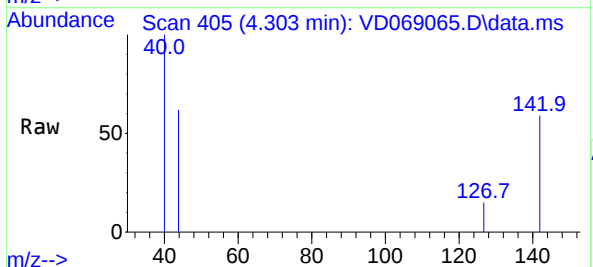
Instrument :
MSVOA_D
ClientSampleId :

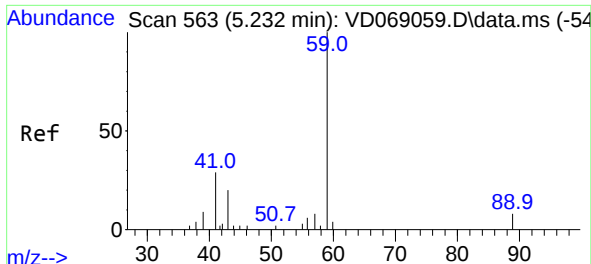
Tgt Ion:168 Resp: 210722
Ion Ratio Lower Upper
168 100
99 63.5 52.6 78.8



#10
Methyl Iodide
Concen: 3.68 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion:142 Resp: 1199
Ion Ratio Lower Upper
142 100
127 12.5 41.6 62.4#
141 0.0 12.2 18.4#



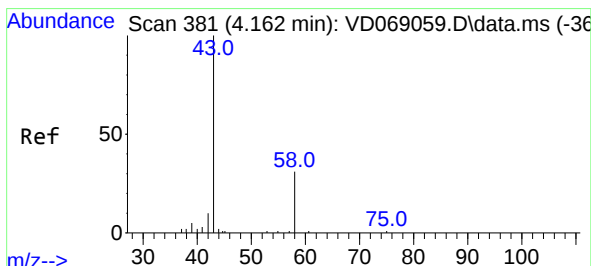
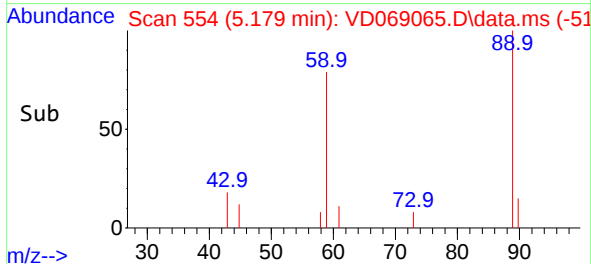
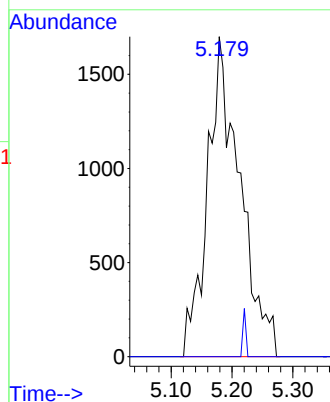
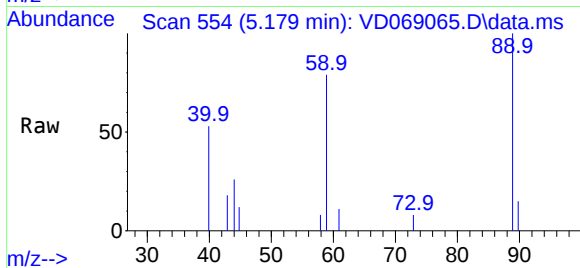


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.053 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Instrument :
MSVOA_D
ClientSampled :

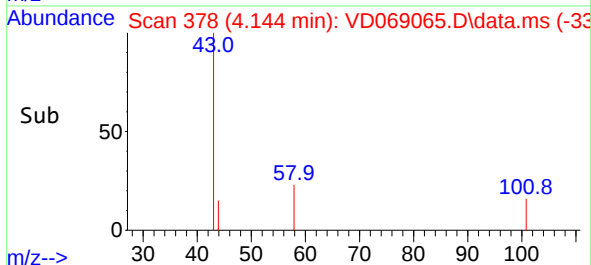
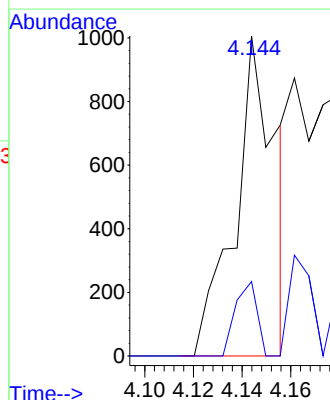
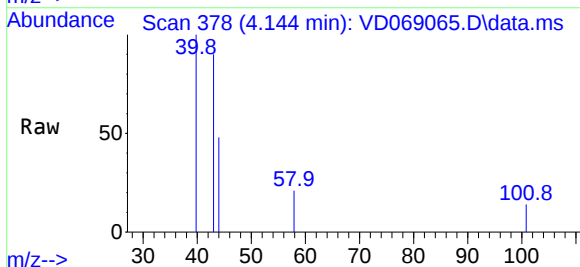
Tgt Ion: 59 Resp: 6289
Ion Ratio Lower Upper
59 100
57 0.0 5.3 7.9#

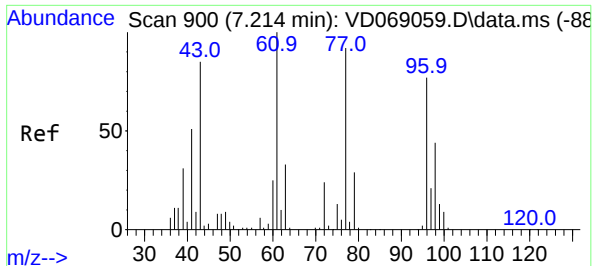


#16

Acetone
Concen: Below Cal
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 23.3 24.5 36.7#

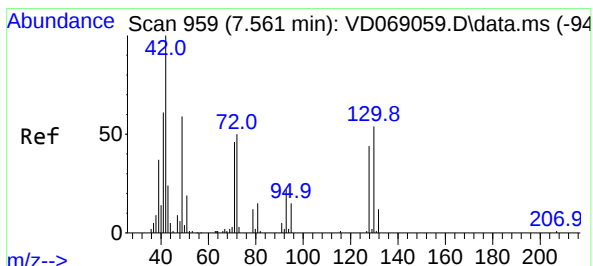
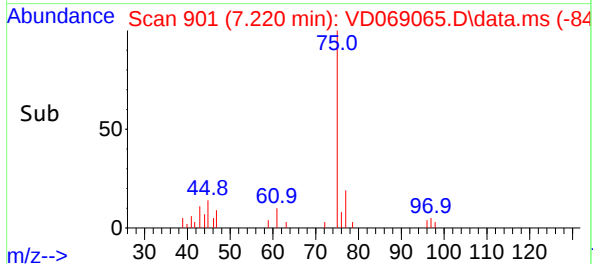
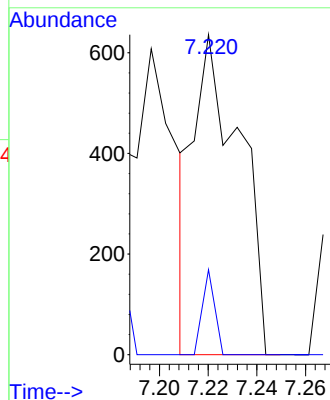
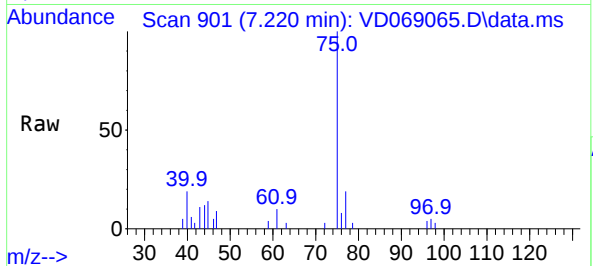




#25
2-Butanone
Concen: 1.42 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

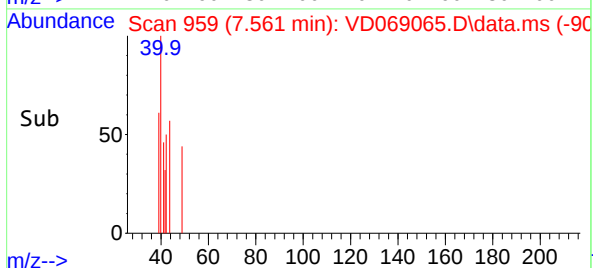
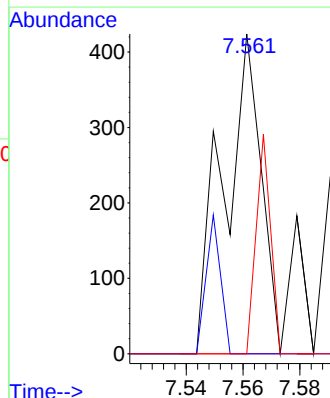
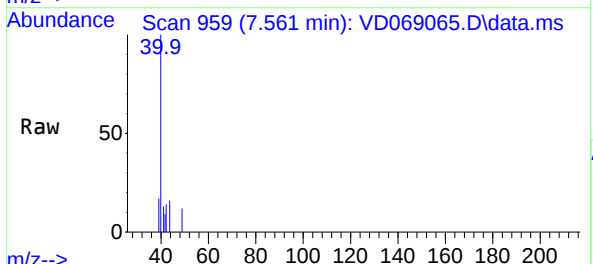
Instrument :
MSVOA_D
ClientSampled :

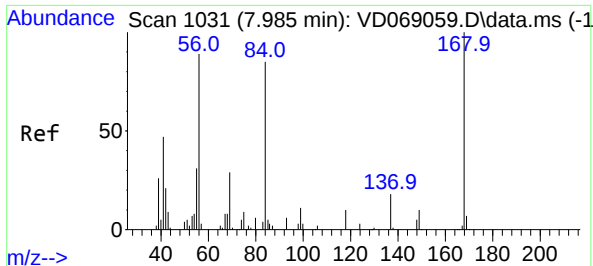
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
72 26.6 23.0 34.4



#29
Tetrahydrofuran
Concen: 1.08 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 42 Resp: 387
Ion Ratio Lower Upper
42 100
72 16.8 39.4 59.0#
71 26.6 38.4 57.6#

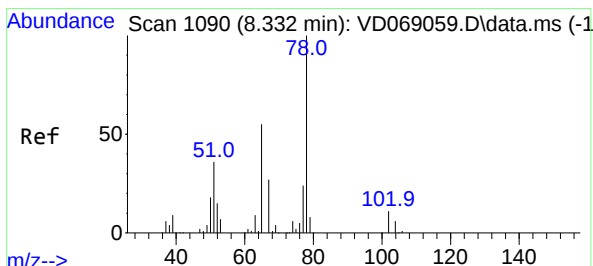
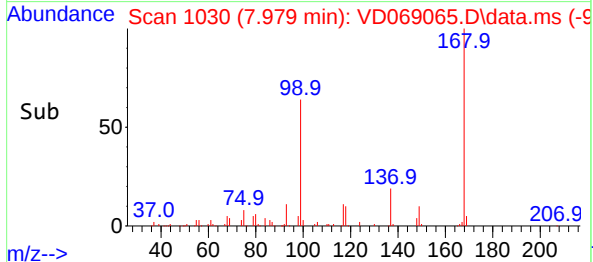
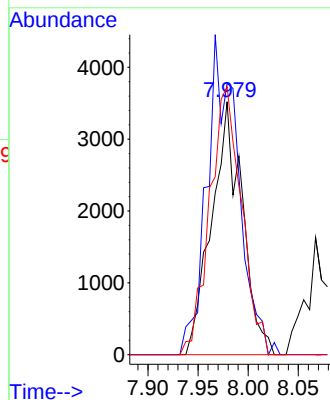
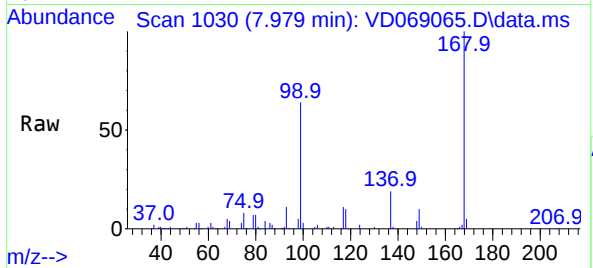




#31
Cyclohexane
Concen: 1.90 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

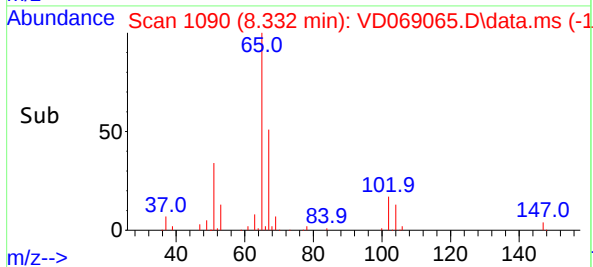
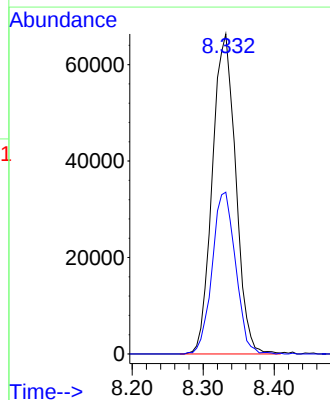
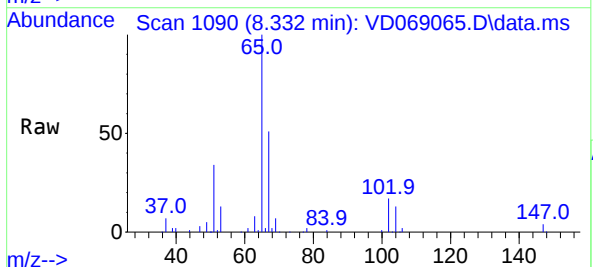
Instrument :
MSVOA_D
ClientSampleId :

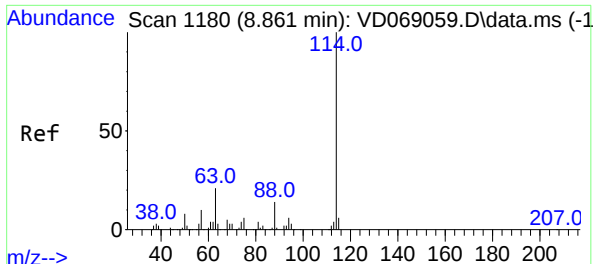
Tgt Ion: 56 Resp: 7493
Ion Ratio Lower Upper
56 100
69 107.3 26.3 39.5#
84 106.0 75.9 113.9



#33
1,2-Dichloroethane-d4
Concen: 55.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 65 Resp: 151582
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



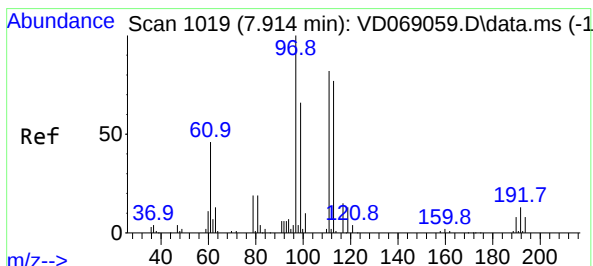
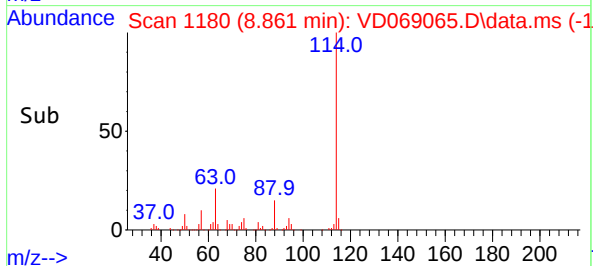
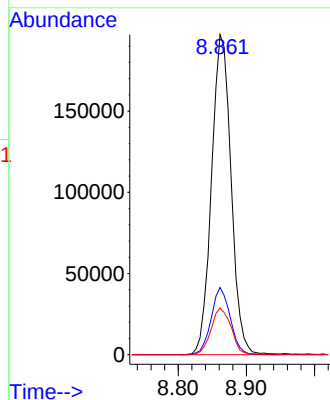
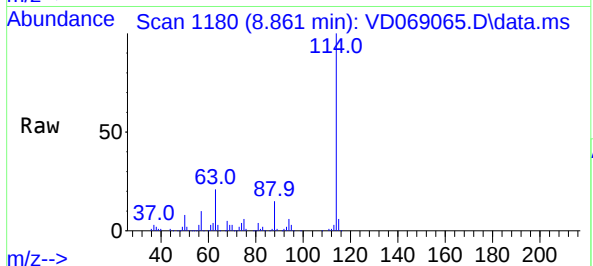


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Instrument :
MSVOA_D
ClientSampled :

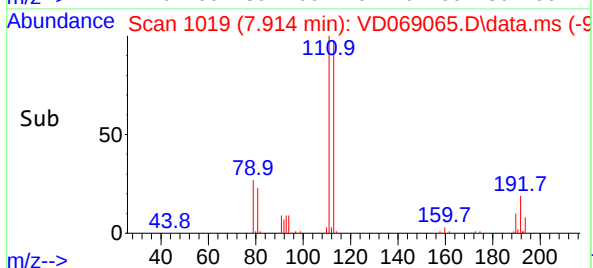
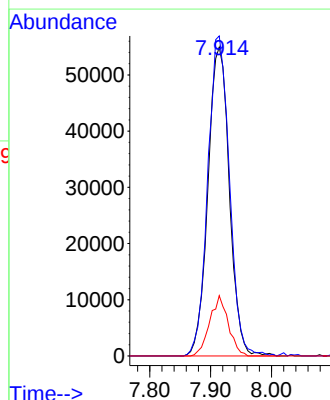
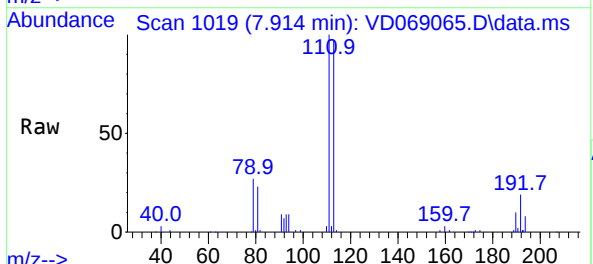
Tgt Ion:114 Resp: 393847
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.4
88 14.6 0.0 27.8

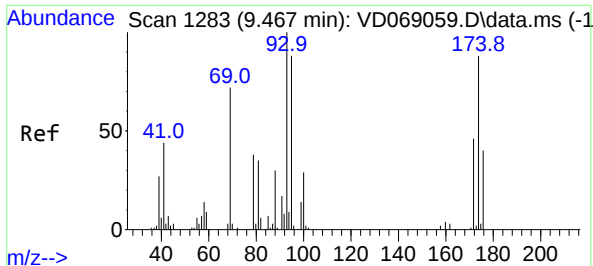


#35

Dibromofluoromethane
Concen: 49.73 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

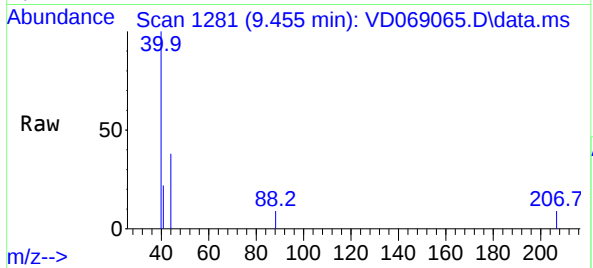
Tgt Ion:113 Resp: 134303
Ion Ratio Lower Upper
113 100
111 104.4 84.6 126.8
192 17.0 13.5 20.3



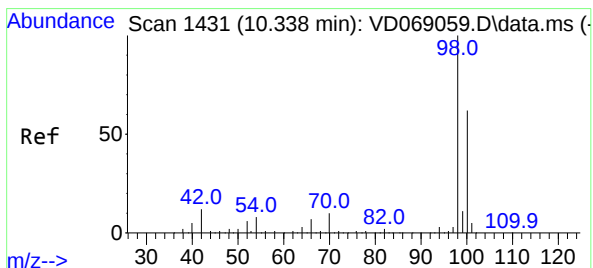
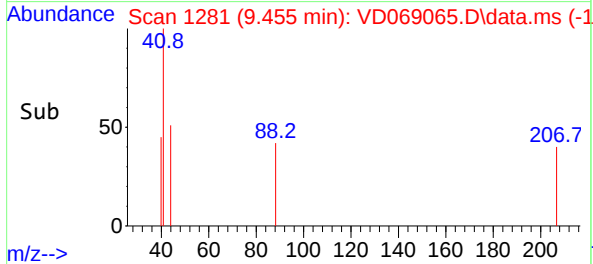
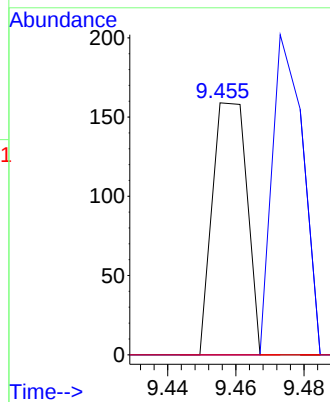


#49
1,4-Dioxane
Concen: 5.97 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Instrument :
MSVOA_D
ClientSampled :

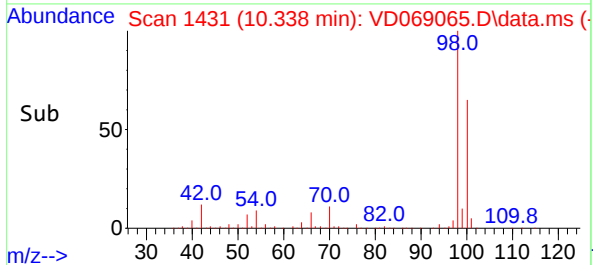
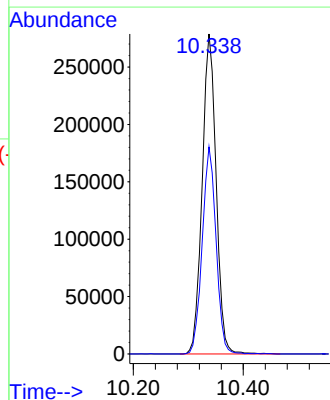
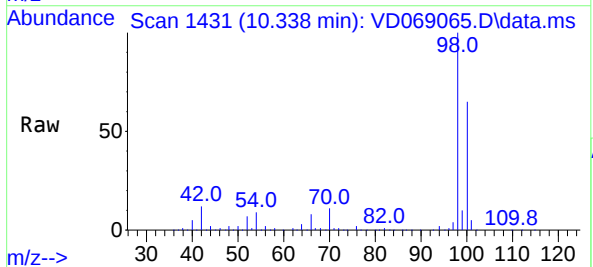


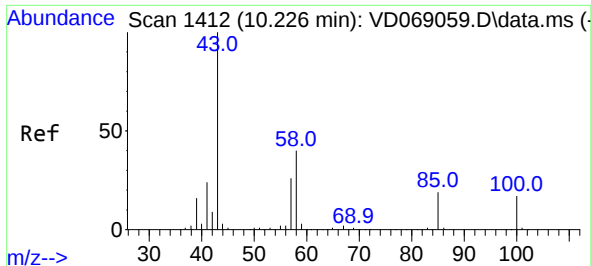
Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
43 112.5 32.0 48.0#
58 0.0 52.4 78.6#



#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 98 Resp: 491300
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

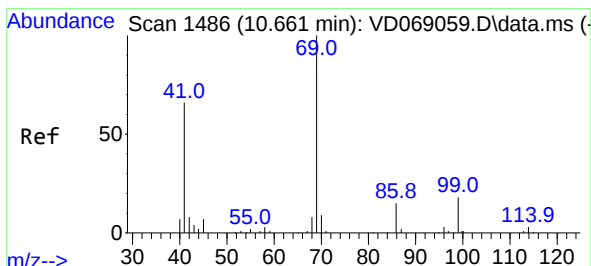
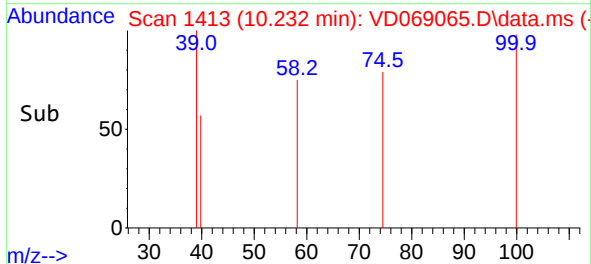
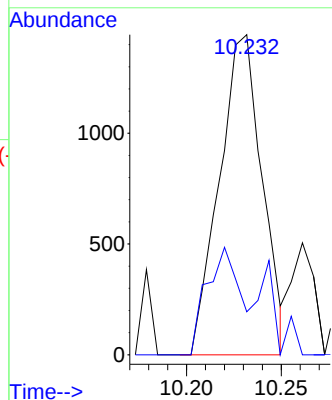
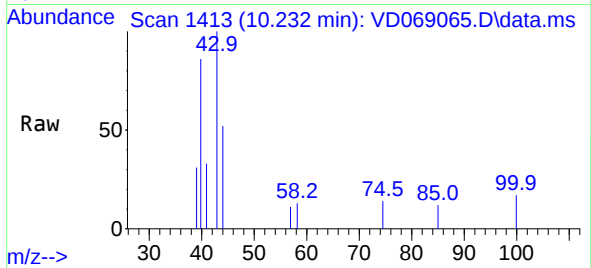




#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

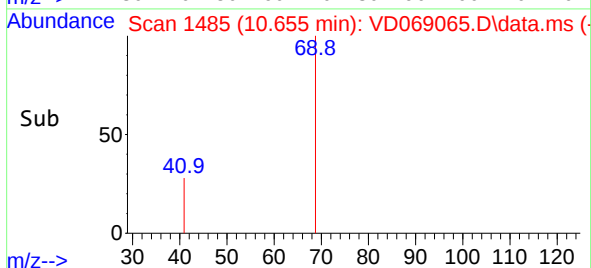
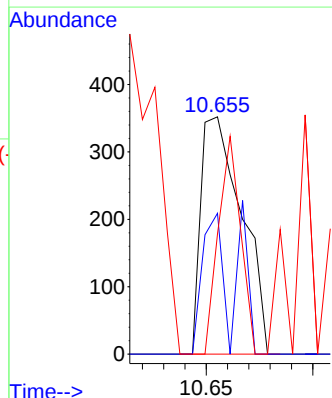
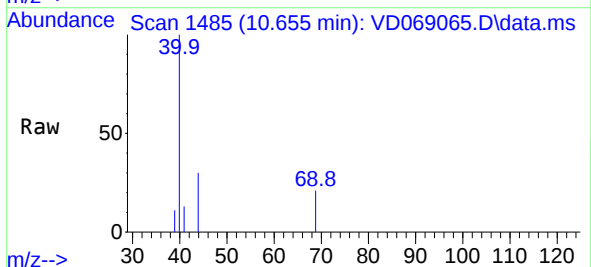
Instrument :
MSVOA_D
ClientSampled :

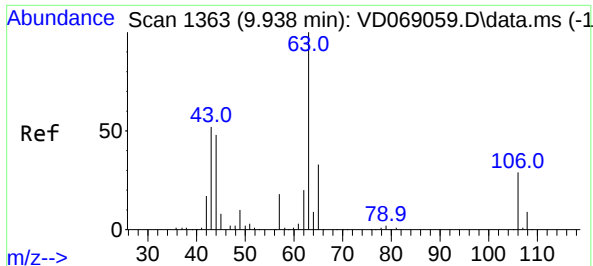
Tgt Ion: 43 Resp: 2267
Ion Ratio Lower Upper
43 100
58 39.1 32.7 49.1



#56
Ethyl methacrylate
Concen: 2.55 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 69 Resp: 471
Ion Ratio Lower Upper
69 100
41 46.1 49.2 73.8#
39 49.5 29.8 44.6#

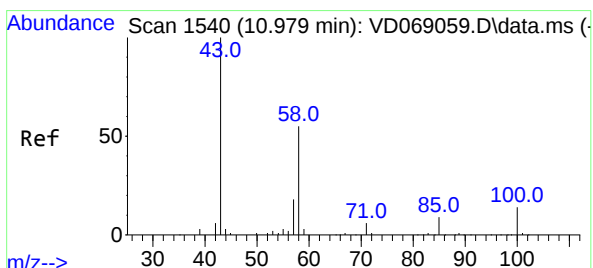
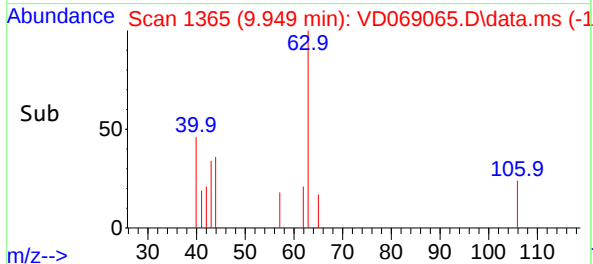
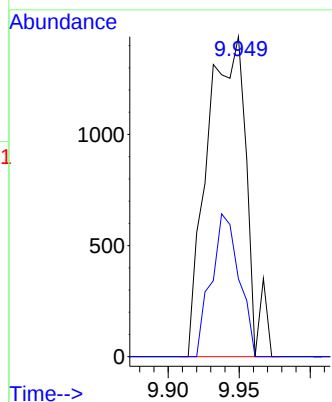
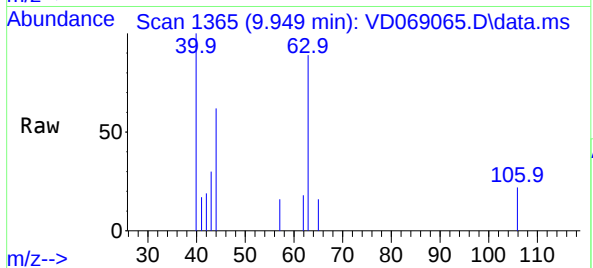




#58
2-Chloroethyl Vinyl ether
Concen: 2.22 ug/l
RT: 9.949 min Scan# 1365
Delta R.T. 0.012 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

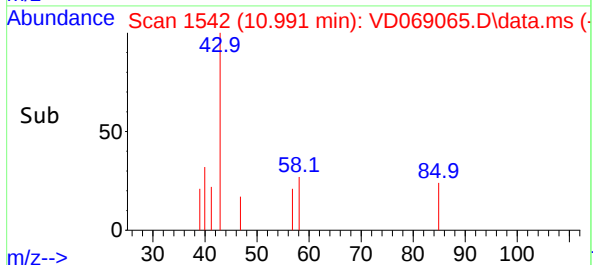
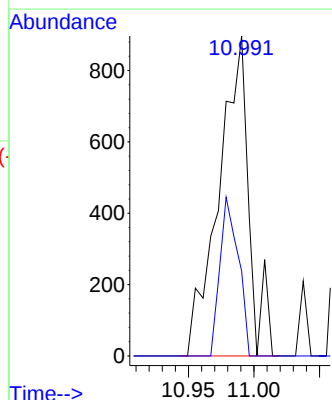
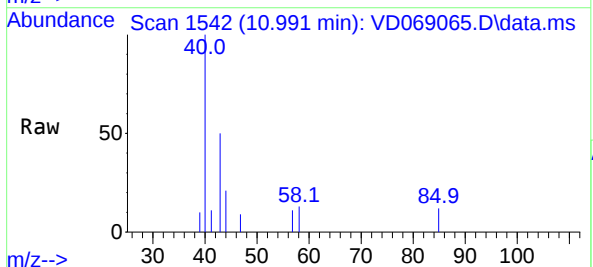
Instrument :
MSVOA_D
ClientSampled :

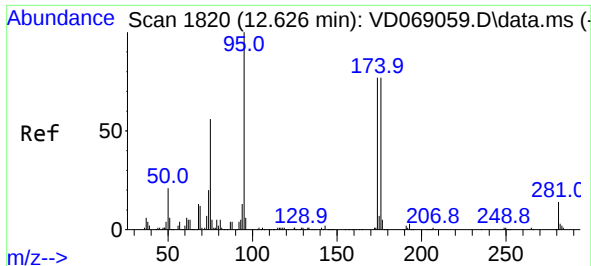
Tgt Ion: 63 Resp: 2773
Ion Ratio Lower Upper
63 100
106 31.5 23.5 35.3



#59
2-Hexanone
Concen: 1.42 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.012 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
58 30.2 27.9 83.6

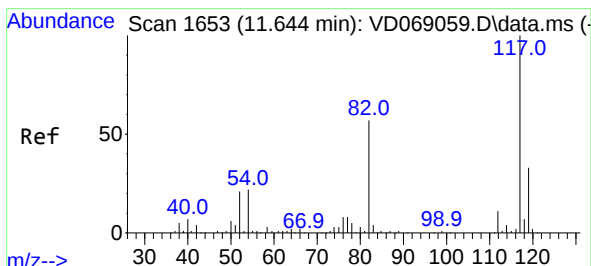
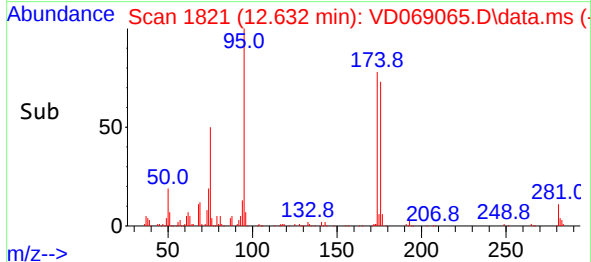
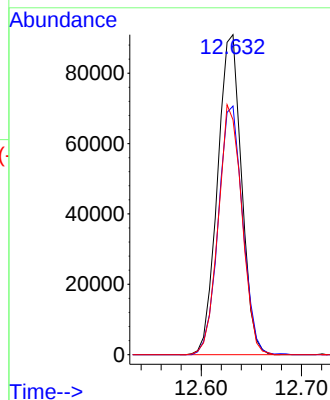
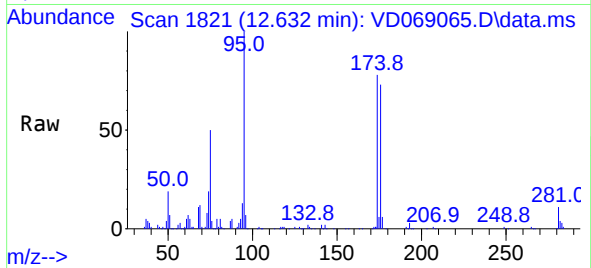




#62
4-Bromofluorobenzene
Concen: 46.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

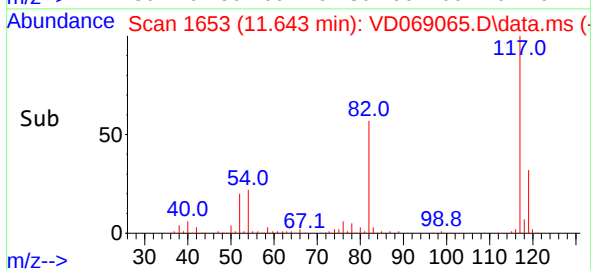
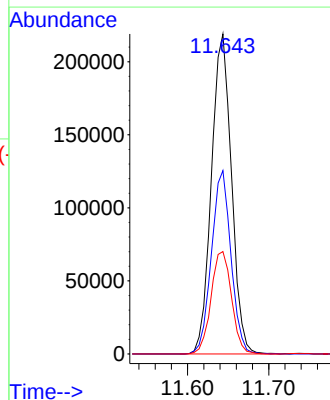
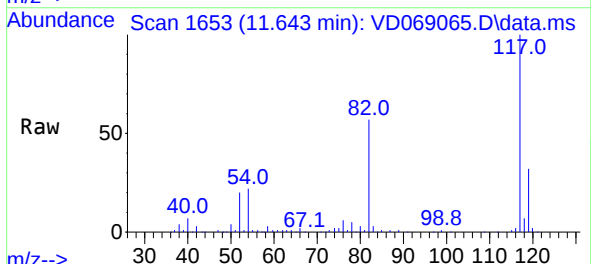
Instrument :
MSVOA_D
ClientSampled :

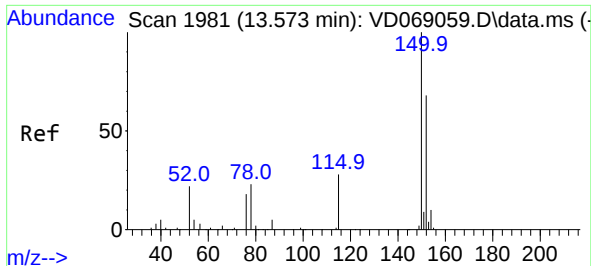
Tgt Ion: 95 Resp: 151021
Ion Ratio Lower Upper
95 100
174 78.7 0.0 156.0
176 77.0 0.0 149.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 117 Resp: 375403
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 32.0 26.8 40.2

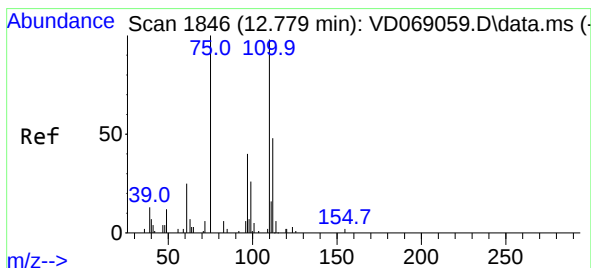
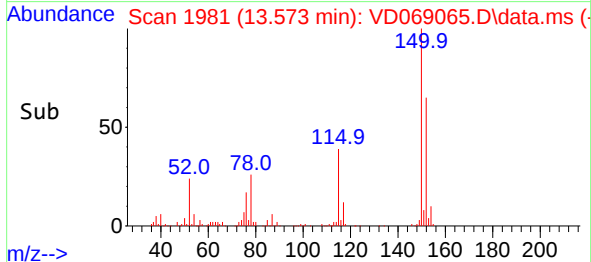
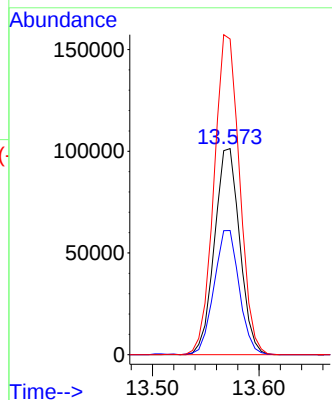
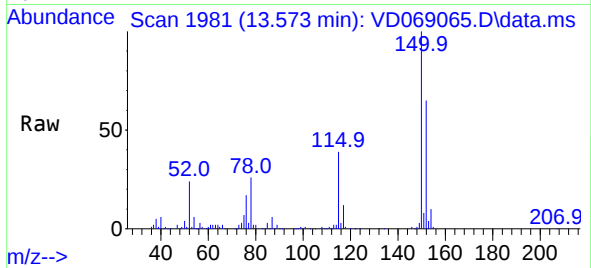




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

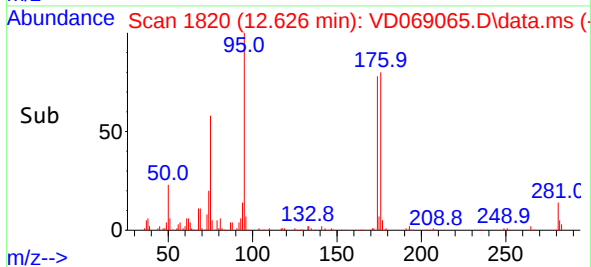
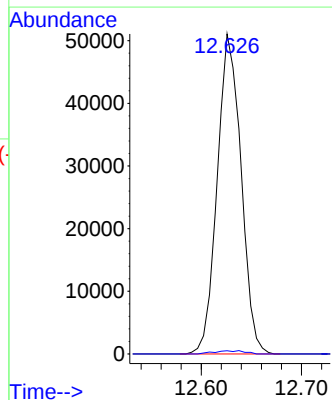
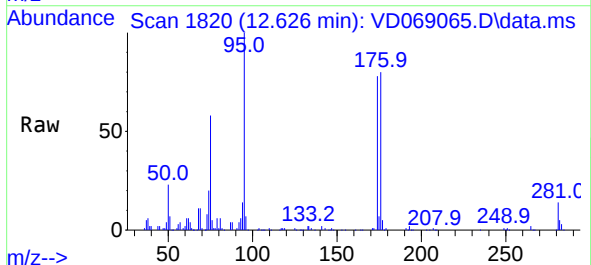
Instrument :
MSVOA_D
ClientSampled :

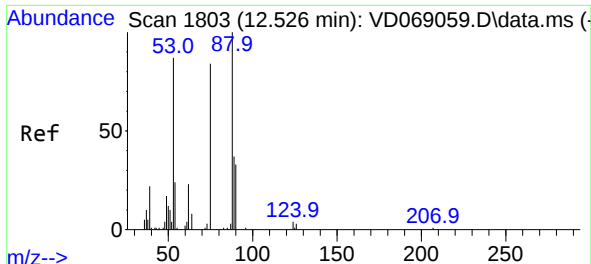
Tgt Ion:152 Resp: 166824
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 157.0 0.0 340.8



#76
1,2,3-Trichloropropane
Concen: 57.96 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 75 Resp: 84174
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

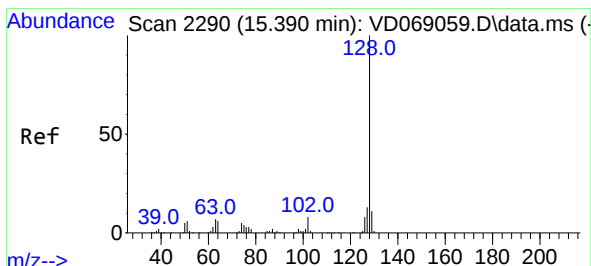
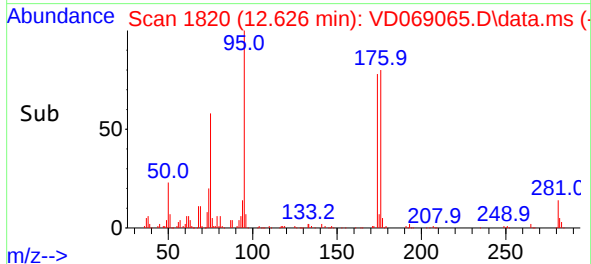
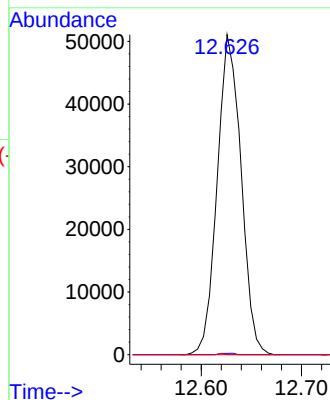
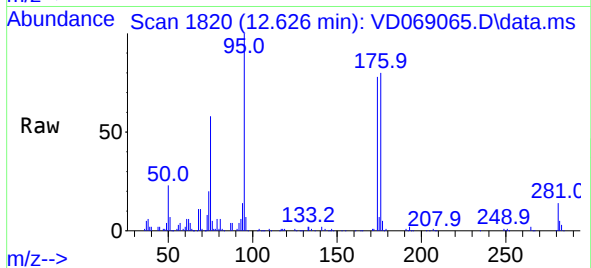




#81
trans-1,4-Dichloro-2-butene
Concen: 126.12 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 84174
Ion Ratio Lower Upper
75 100
53 0.3 80.4 120.6#
89 0.1 37.8 56.8#



#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 128 Resp: 4502
Ion Ratio Lower Upper
128 100
127 9.4 10.7 16.1#
129 5.8 8.5 12.7#

