

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069431.D
 Acq On : 14 Jun 2021 17:16
 Operator : VA/SY
 Sample : M2709-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 07:28:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

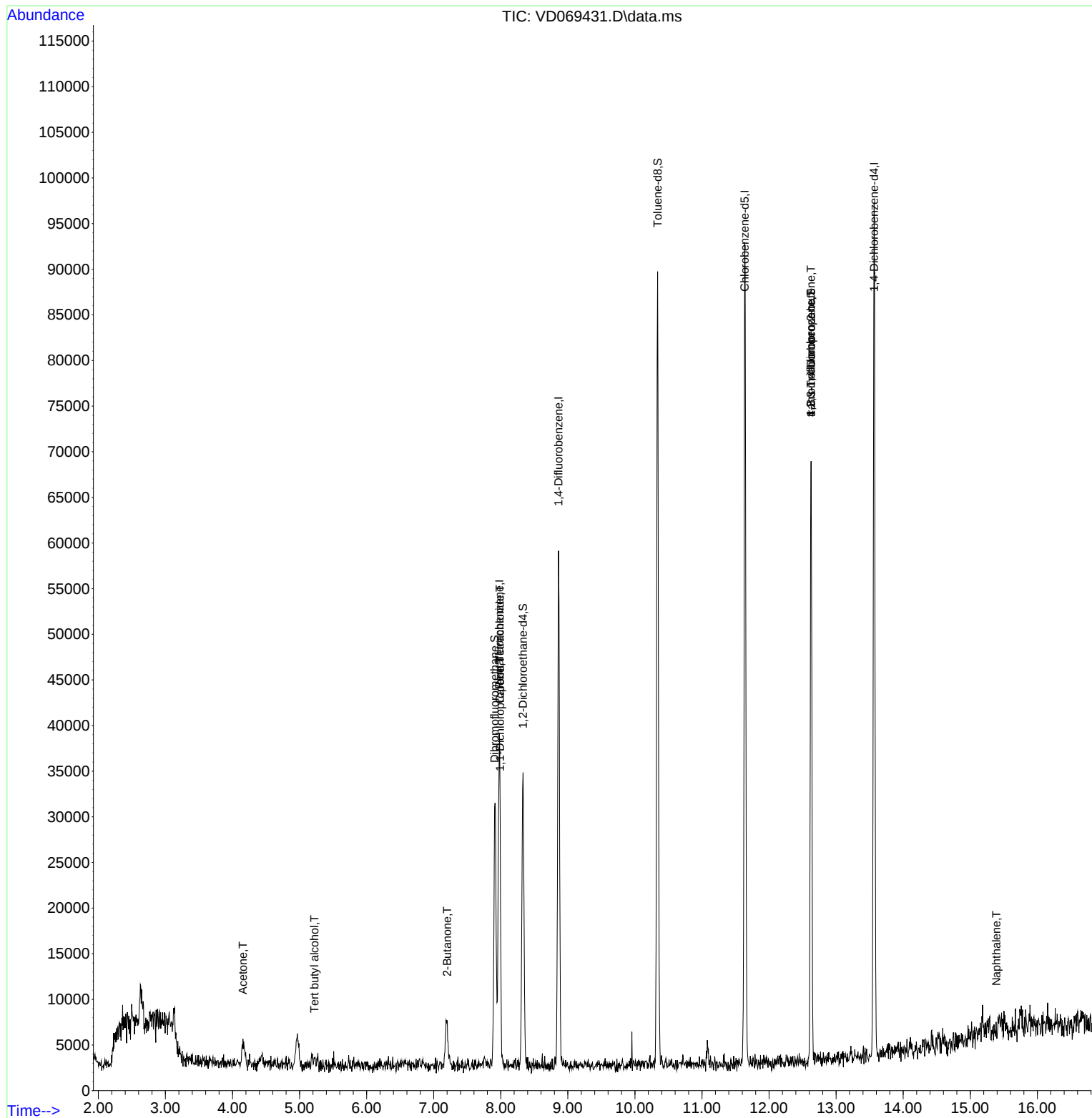
Internal Standards						
1) Pentafluorobenzene	7.979	168	27906	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	47299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	55814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	26273	83.45	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 166.90%#		
35) Dibromofluoromethane	7.908	113	21244	59.97	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 119.94%		
50) Toluene-d8	10.338	98	61679	47.60	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 95.20%		
62) 4-Bromofluorobenzene	12.626	95	21179	50.94	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.88%		
Target Compounds						
						Qvalue
5) Bromomethane	2.773	94	325	Below Cal	#	18
11) Tert butyl alcohol	5.220	59	1109	67.76	ug/l #	73
16) Acetone	4.156	43	3495	67.07	ug/l #	74
18) Methyl Acetate	4.485	43	117	Below Cal	#	46
25) 2-Butanone	7.203	43	185	2.85	ug/l #	45
36) 1,1-Dichloropropene	7.991	75	2194	4.45	ug/l #	43
38) Carbon Tetrachloride	7.985	117	2761	5.18	ug/l #	11
76) 1,2,3-Trichloropropane	12.626	75	10964	39.89	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	10964	106.41	ug/l #	18
95) Naphthalene	15.390	128	143	3.71	ug/l #	69

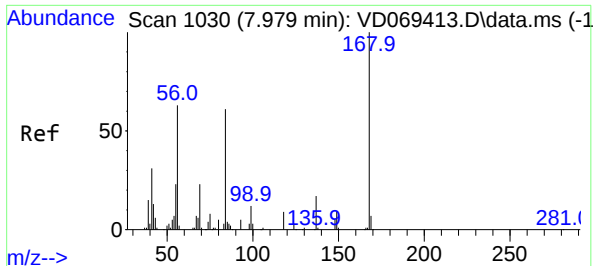
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

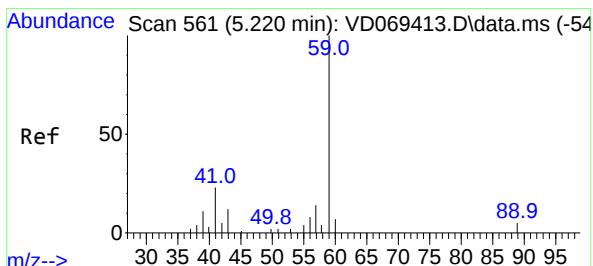
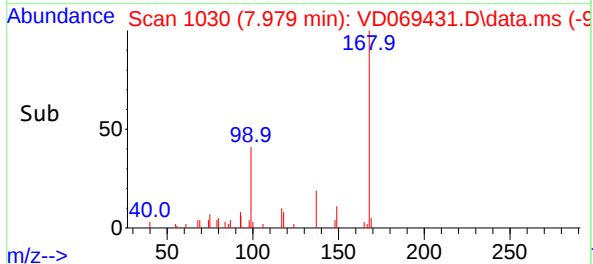
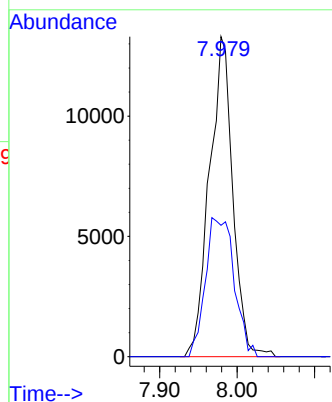
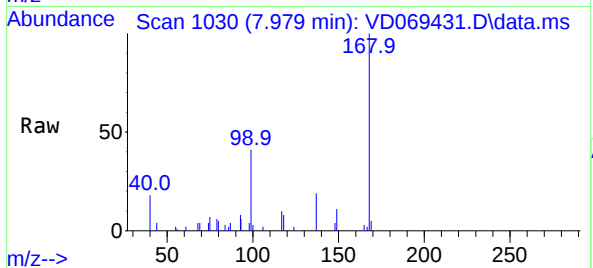




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

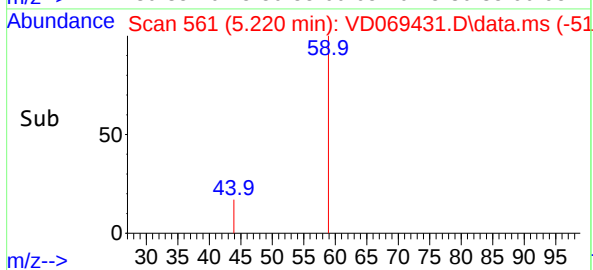
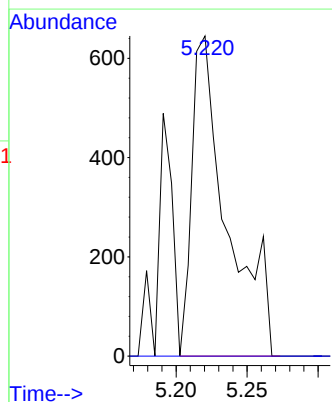
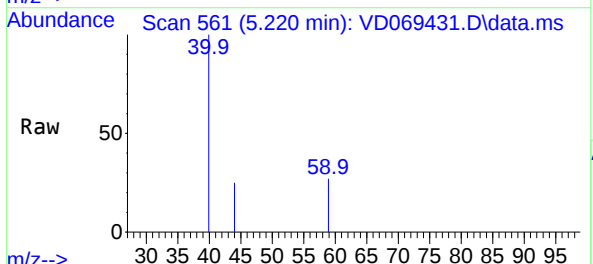
Instrument :
MSVOA_D
ClientSampled :

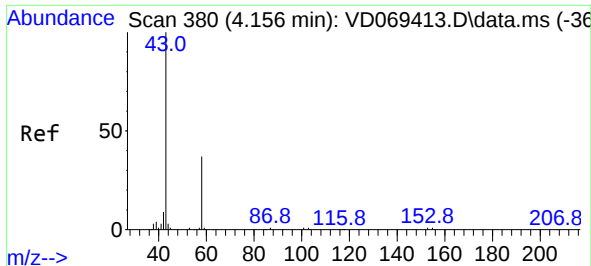
Tgt Ion:168 Resp: 27906
Ion Ratio Lower Upper
168 100
99 41.1 46.2 69.2#



#11
Tert butyl alcohol
Concen: 67.76 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion: 59 Resp: 1109
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

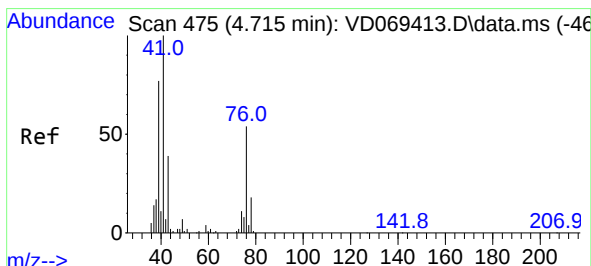
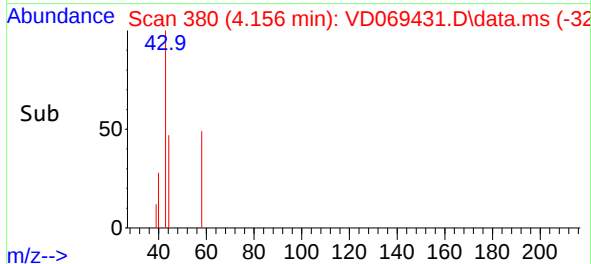
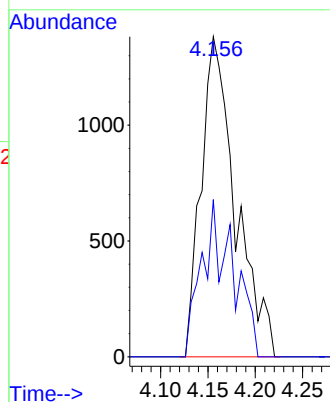
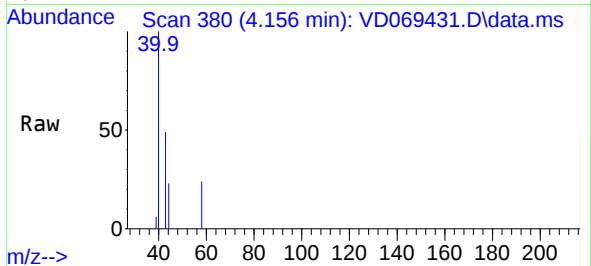




#16
Acetone
Concen: 67.07 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

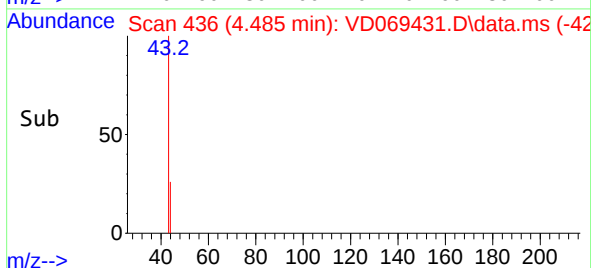
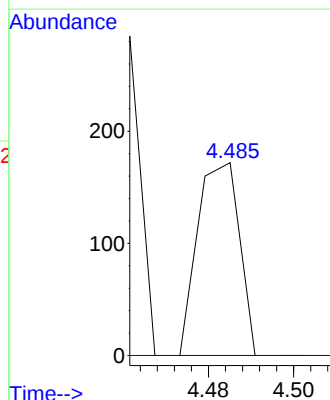
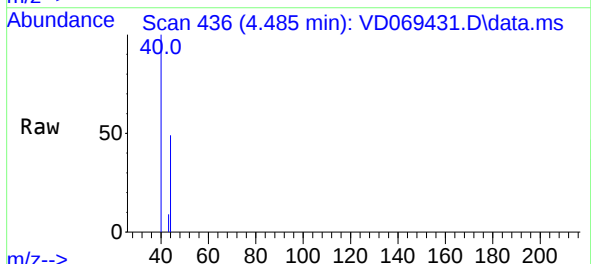
Instrument :
MSVOA_D
ClientSampleId :

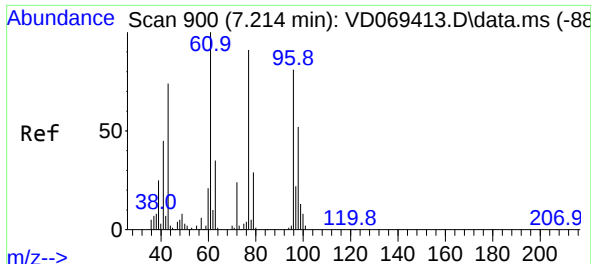
Tgt Ion: 43 Resp: 3495
Ion Ratio Lower Upper
43 100
58 49.1 27.5 41.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 436
Delta R.T. -0.230 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

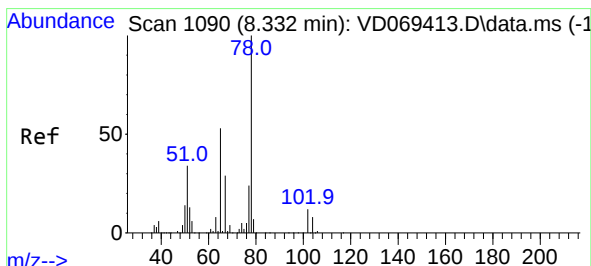
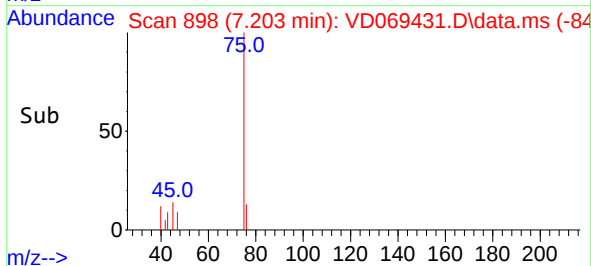
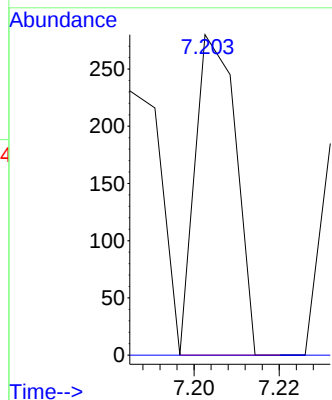
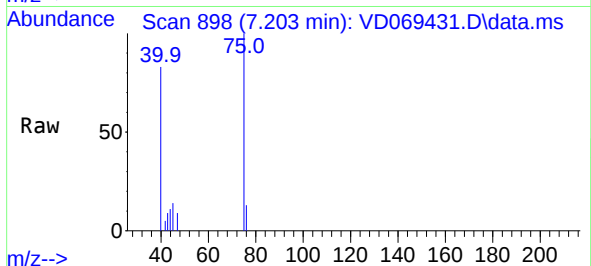




#25
2-Butanone
Concen: 2.85 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

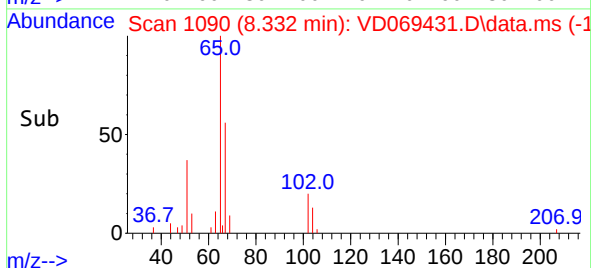
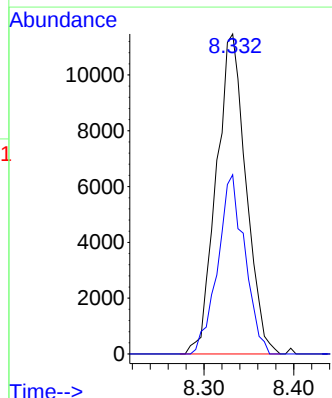
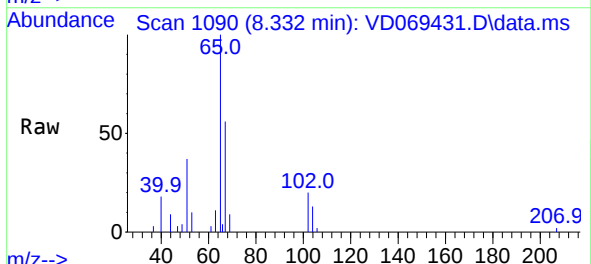
Instrument :
MSVOA_D
ClientSampled :

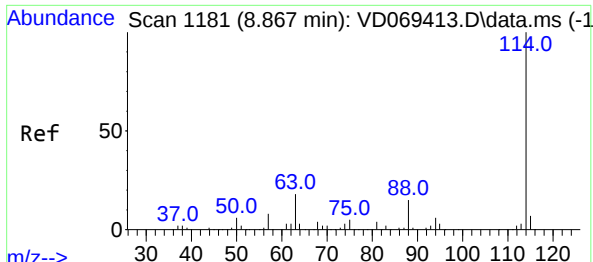
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#33
1,2-Dichloroethane-d4
Concen: 83.45 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion: 65 Resp: 26273
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.8



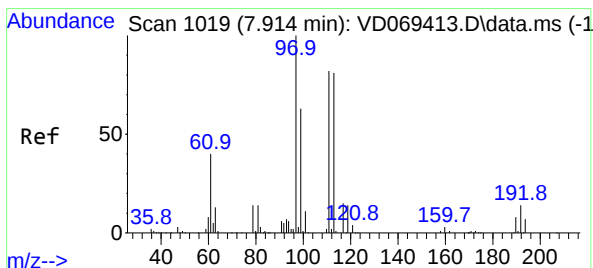
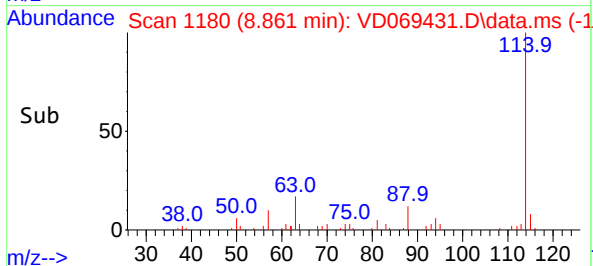
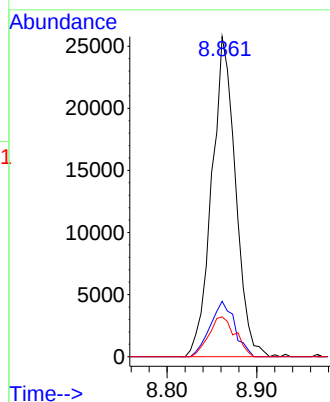
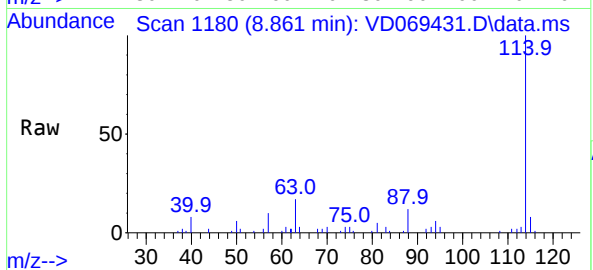


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Instrument :
MSVOA_D
ClientSampled :

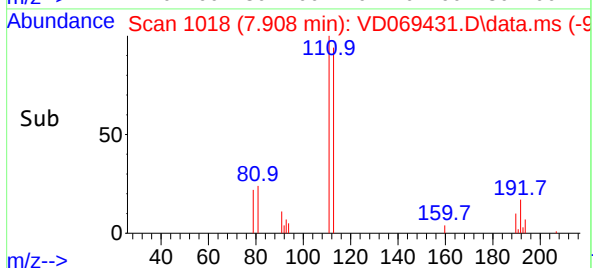
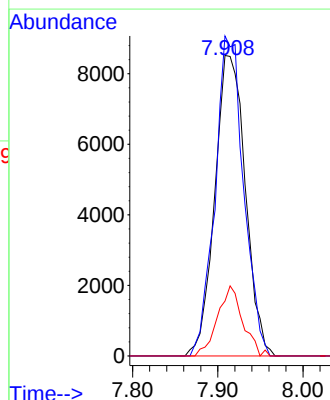
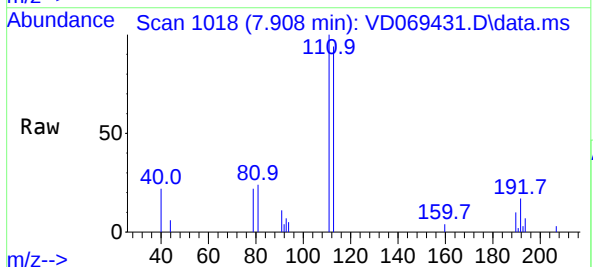
Tgt Ion:114 Resp: 47299
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.6
88 12.5 0.0 31.2

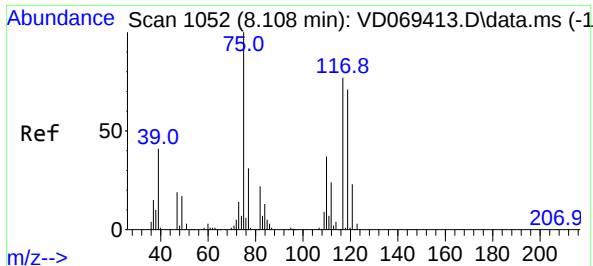


#35

Dibromofluoromethane
Concen: 59.97 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion:113 Resp: 21244
Ion Ratio Lower Upper
113 100
111 99.6 83.0 124.6
192 19.2 15.1 22.7

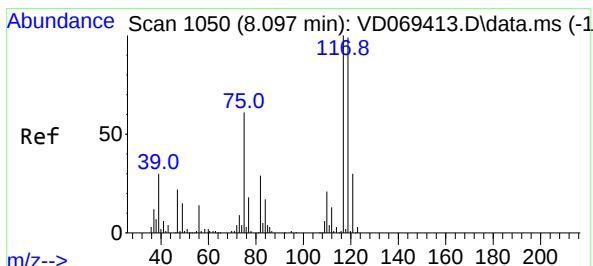
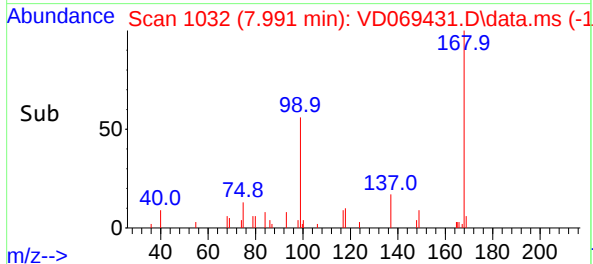
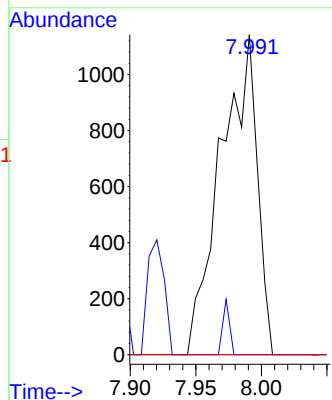
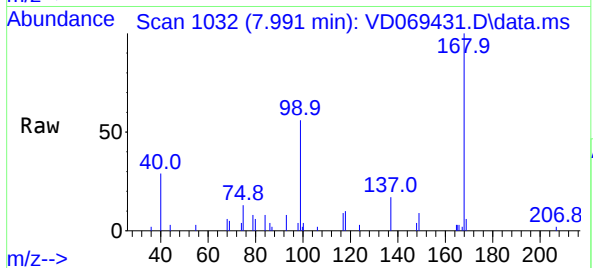




#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.117 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

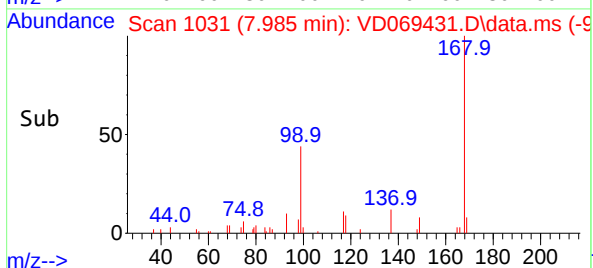
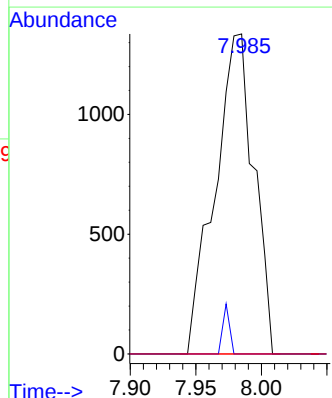
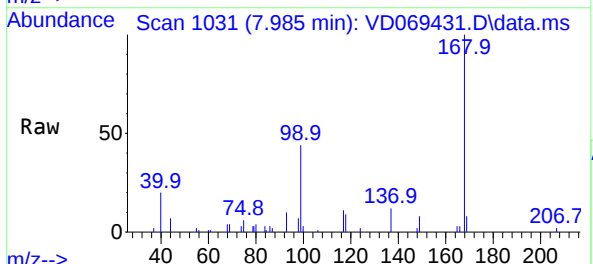
Instrument :
MSVOA_D
ClientSampled :

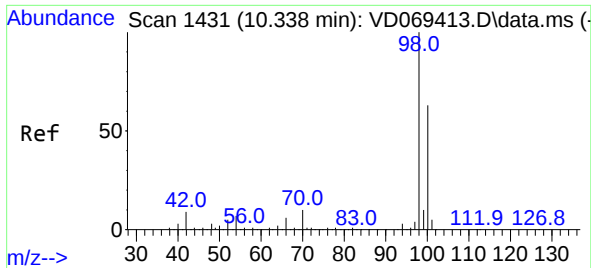
Tgt Ion: 75 Resp: 2194
Ion Ratio Lower Upper
75 100
110 3.2 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion: 117 Resp: 2761
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

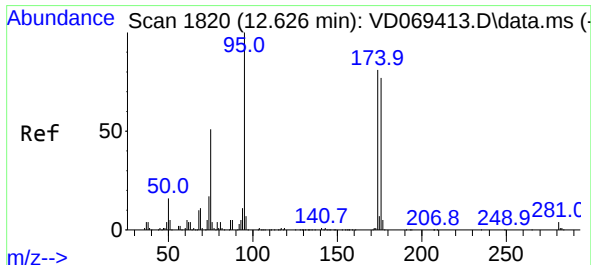
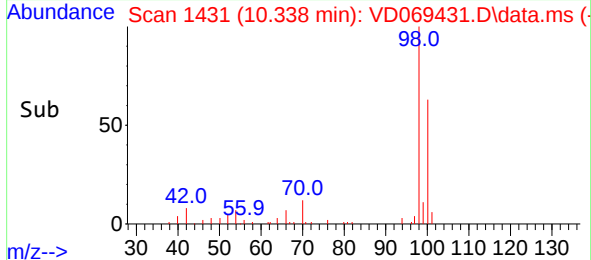
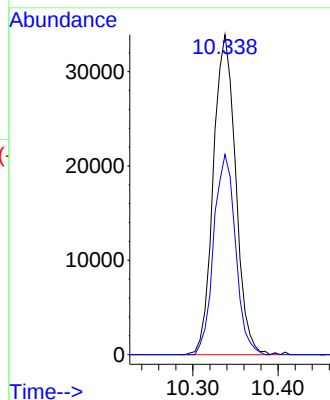
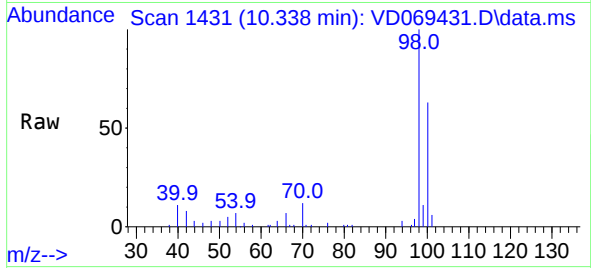




#50
Toluene-d8
Concen: 47.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

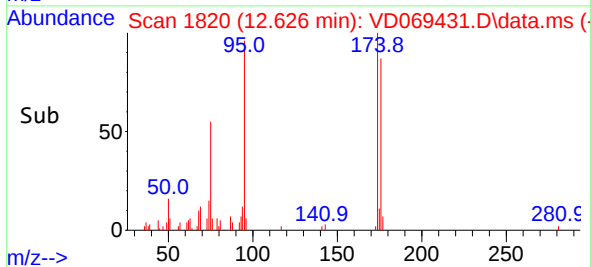
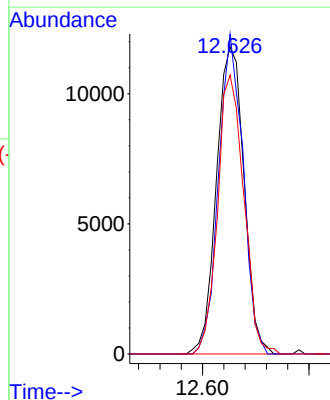
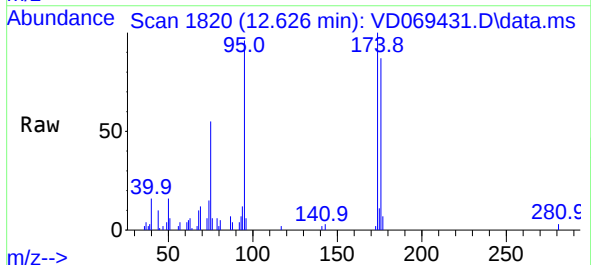
Instrument :
MSVOA_D
ClientSampled :

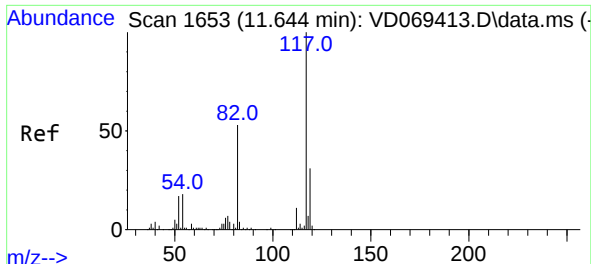
Tgt Ion: 98 Resp: 61679
Ion Ratio Lower Upper
98 100
100 61.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.94 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion: 95 Resp: 21179
Ion Ratio Lower Upper
95 100
174 92.2 0.0 162.8
176 86.3 0.0 154.4

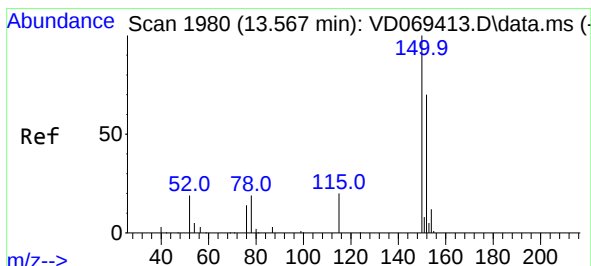
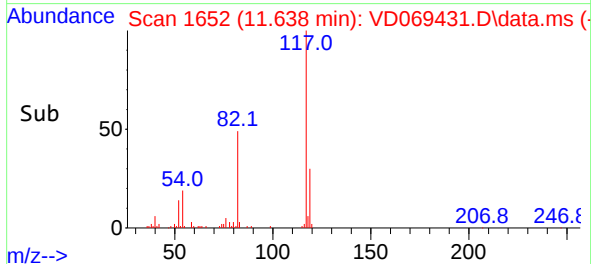
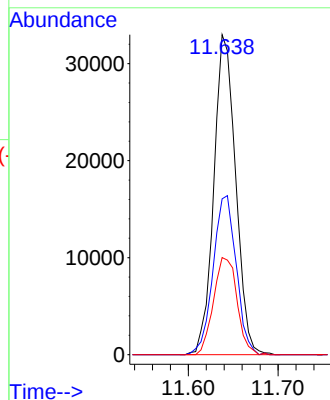
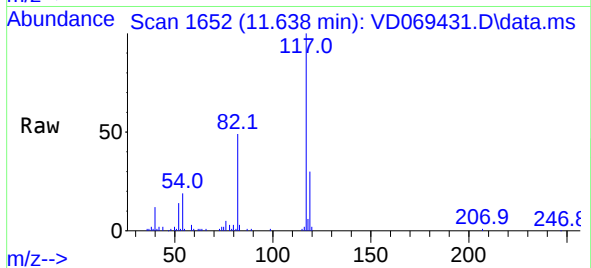




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

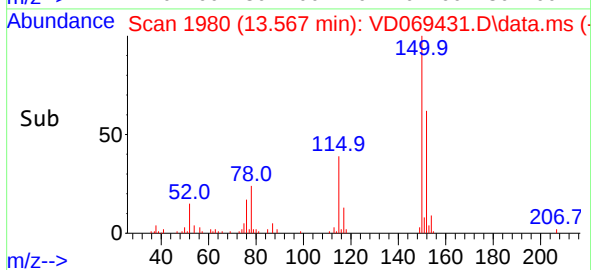
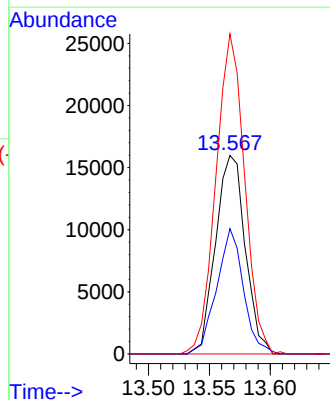
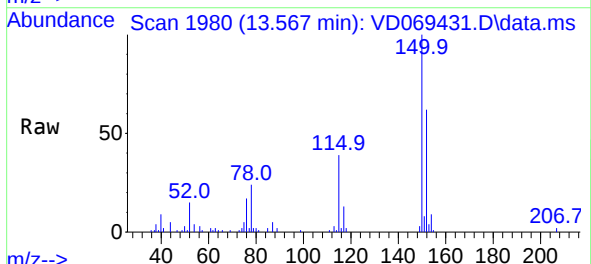
Instrument :
MSVOA_D
ClientSampleId :

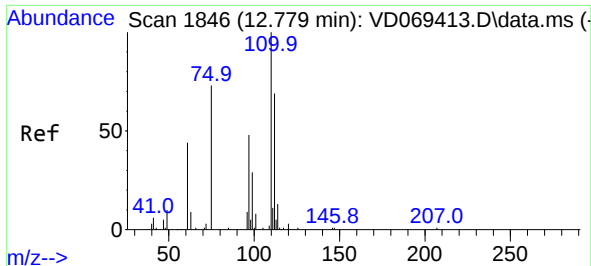
Tgt Ion:	117	Resp:	55814
Ion	Ratio	Lower	Upper
117	100		
82	48.7	43.3	64.9
119	30.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion:	152	Resp:	27113
Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.4	88.3
150	155.8	0.0	355.0

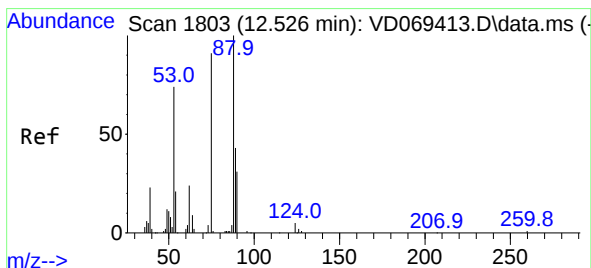
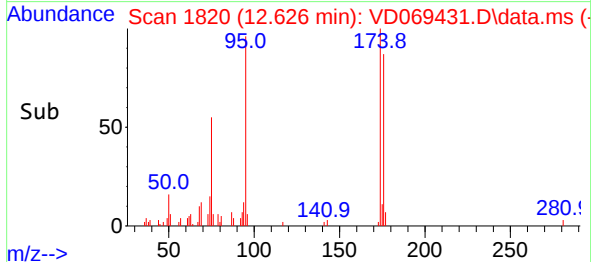
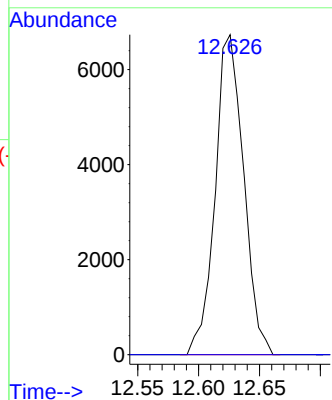
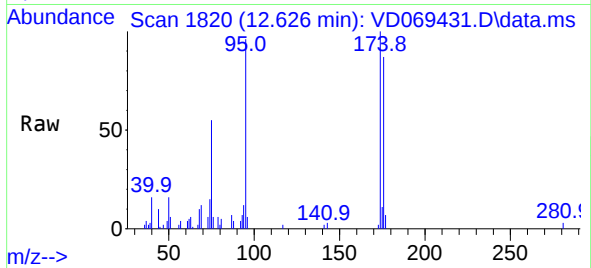




#76
1,2,3-Trichloropropane
Concen: 39.89 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

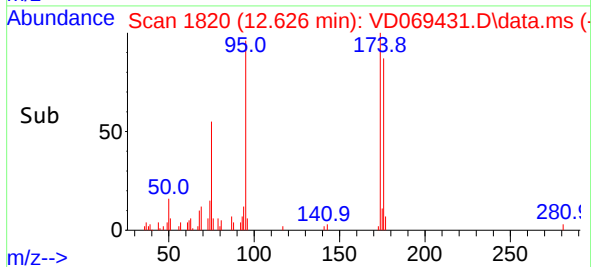
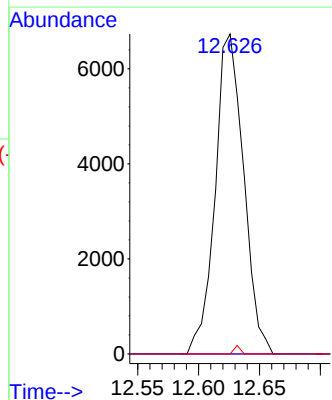
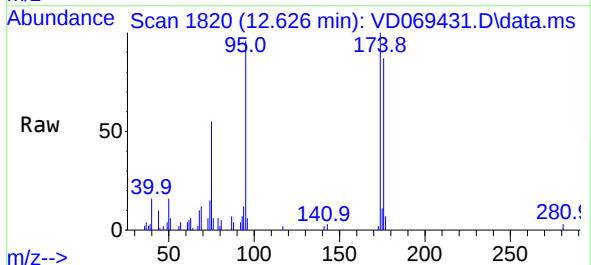
Instrument :
MSVOA_D
ClientSampled :

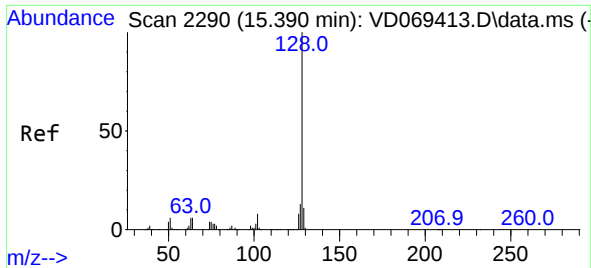
Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
77 0.0 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.41 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.6 35.6 53.4#





#95
Naphthalene
Concen: 3.71 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069431.D
Acq: 14 Jun 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

