

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069427.D
 Acq On : 14 Jun 2021 15:23
 Operator : VA/SY
 Sample : M2708-01
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 07:27:31 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)

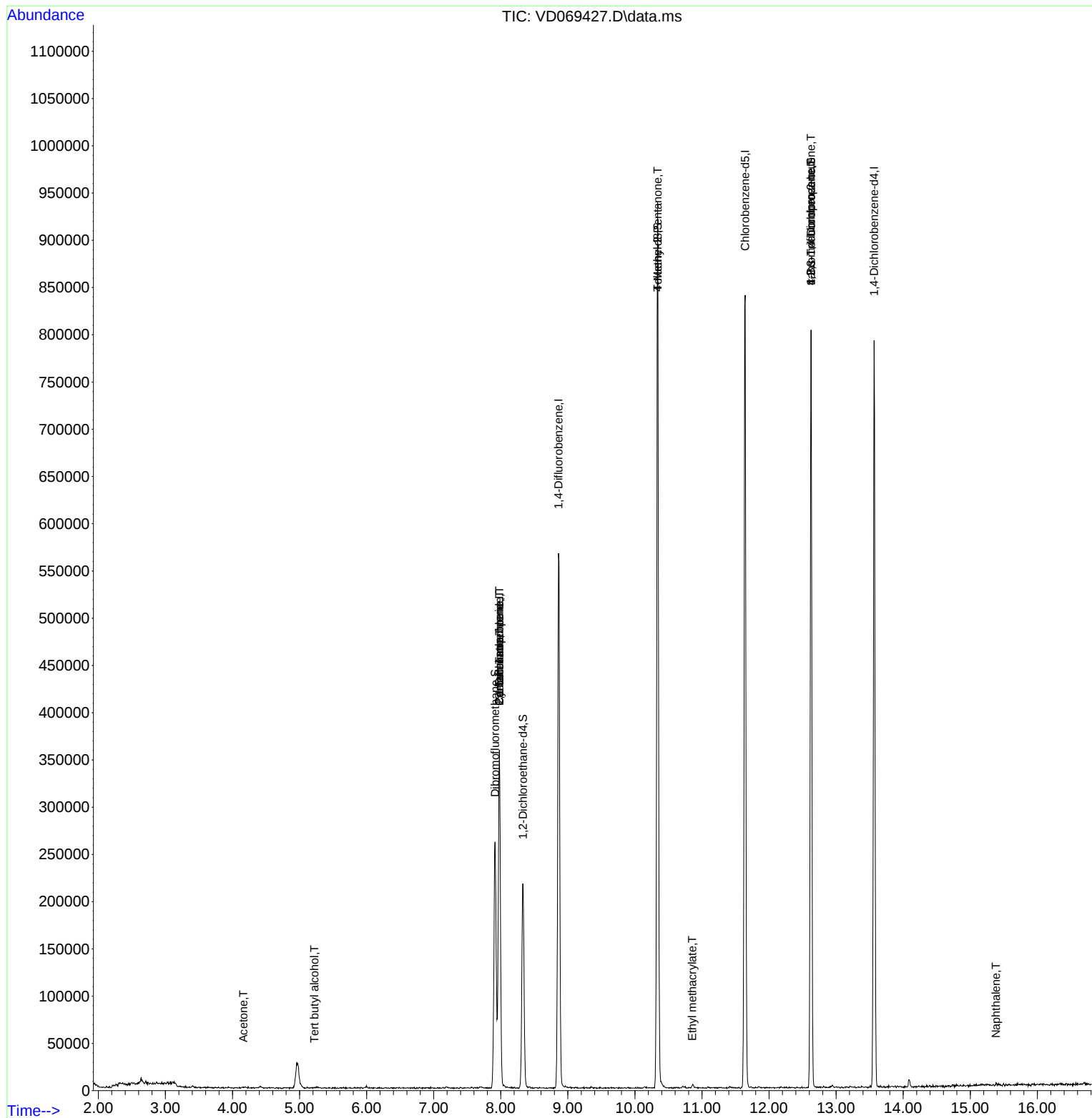
Internal Standards						
1) Pentafluorobenzene	7.979	168	265802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	510033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	522782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	220358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	178778	59.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	119.24%		
35) Dibromofluoromethane	7.914	113	188966	49.47	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.94%		
50) Toluene-d8	10.338	98	649970	46.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.04%		
62) 4-Bromofluorobenzene	12.626	95	206502	46.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.12%		
Target Compounds						
						Qvalue
5) Bromomethane	2.779	94	495	Below Cal		82
11) Tert butyl alcohol	5.220	59	192	1.23 ug/l #		73
16) Acetone	4.162	43	1975	3.98 ug/l		95
18) Methyl Acetate	4.714	43	72	Below Cal #		46
20) Methylene Chloride	4.961	84	23433	Below Cal		85
31) Cyclohexane	7.979	56	6172	1.51 ug/l #		1
36) 1,1-Dichloropropene	7.979	75	20773	3.91 ug/l #		48
38) Carbon Tetrachloride	7.979	117	26336	4.58 ug/l #		14
51) 4-Methyl-2-Pentanone	10.338	43	2583	1.51 ug/l #		1
56) Ethyl methacrylate	10.855	69	67	2.84 ug/l #		1
76) 1,2,3-Trichloropropane	12.626	75	103204	46.20 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	103204	123.24 ug/l #		18
95) Naphthalene	15.384	128	620	3.65 ug/l #		69

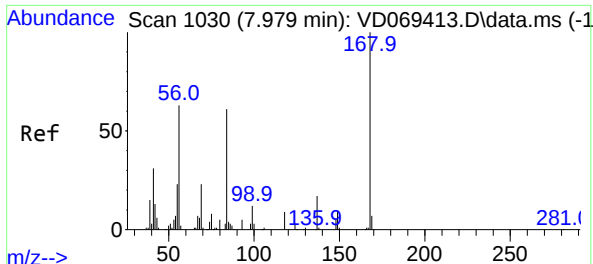
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 07:27:31 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

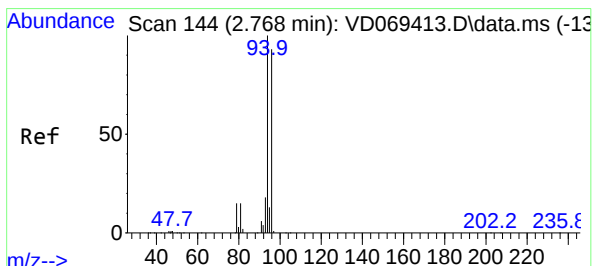
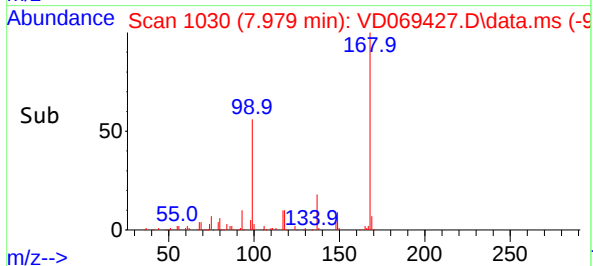
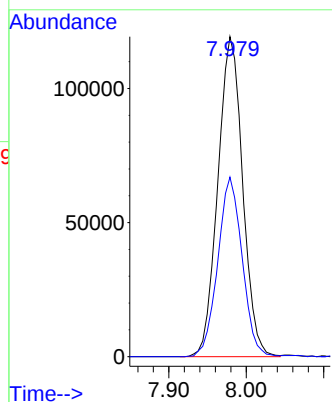
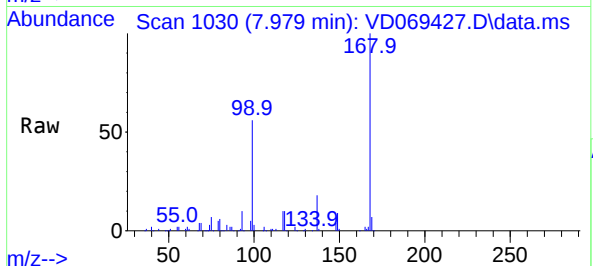




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

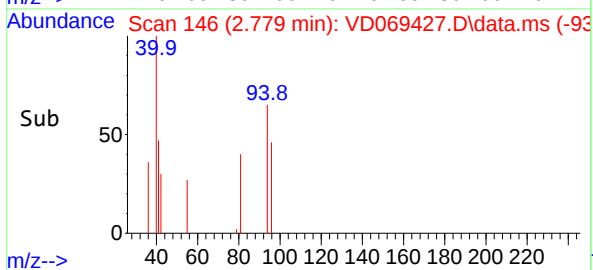
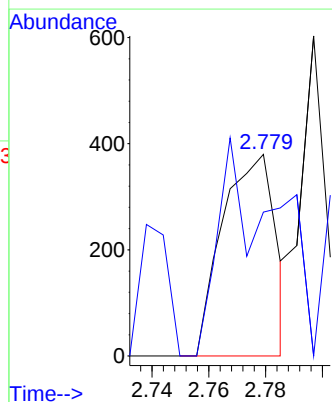
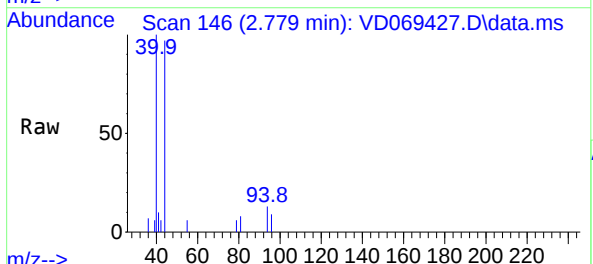
Instrument :
MSVOA_D
ClientSampled :

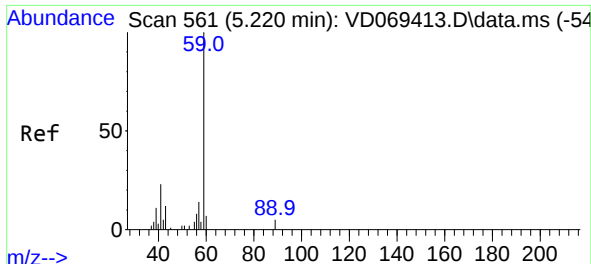
Tgt Ion:168 Resp: 265802
Ion Ratio Lower Upper
168 100
99 56.1 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion: 94 Resp: 495
Ion Ratio Lower Upper
94 100
96 71.3 70.3 105.5

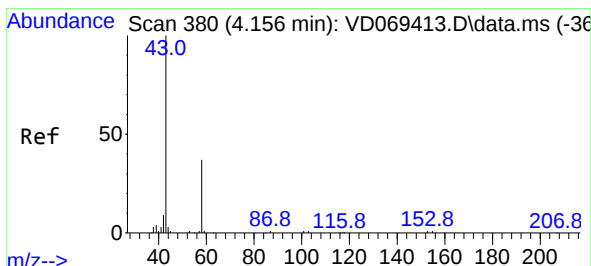
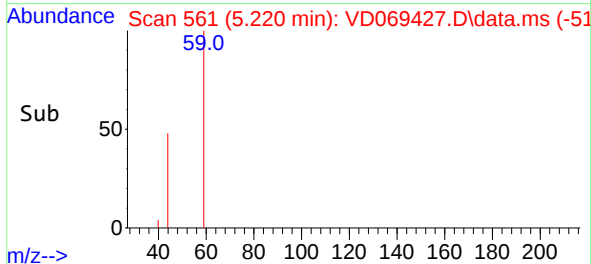
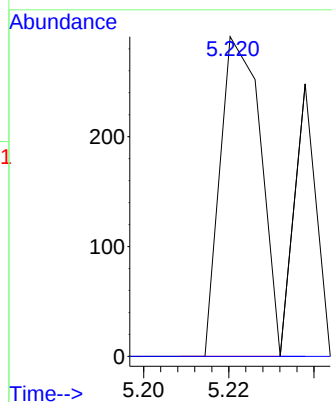
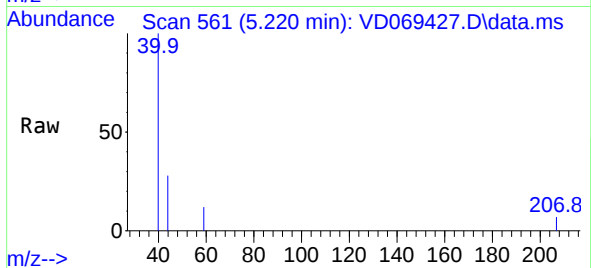




#11
Tert butyl alcohol
Concen: 1.23 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

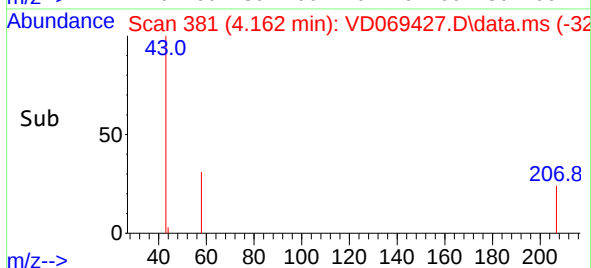
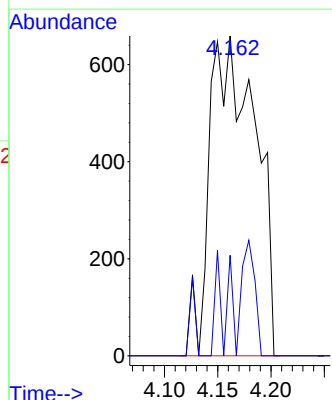
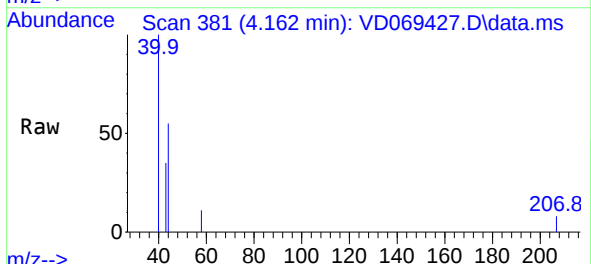
Instrument :
MSVOA_D
ClientSampled :

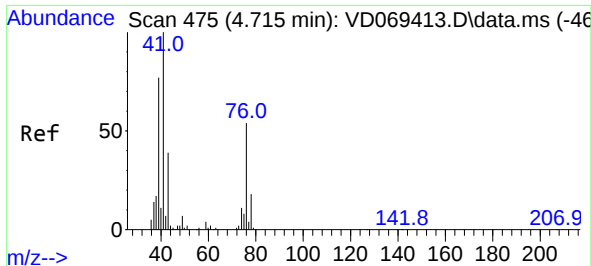
Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.98 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 31.4 27.5 41.3

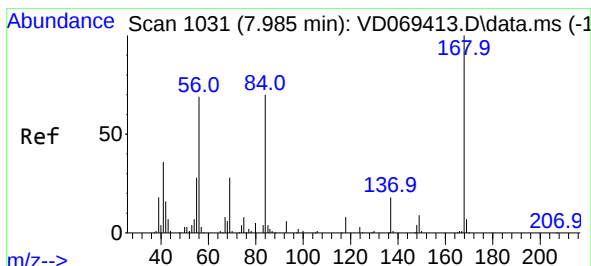
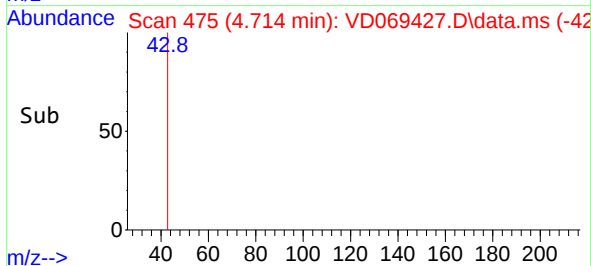
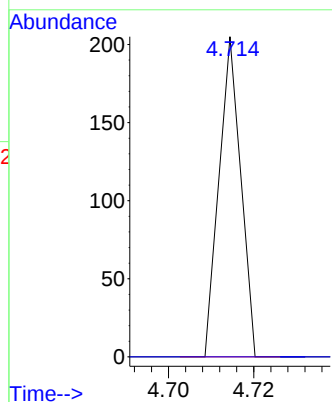
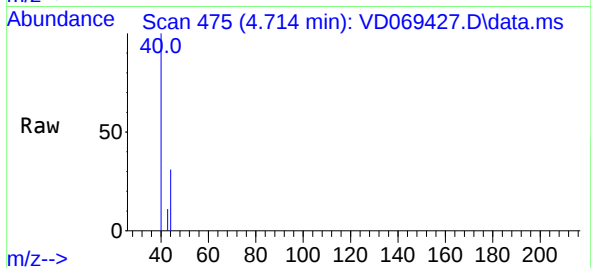




#18
Methyl Acetate
Concen: Below Cal
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

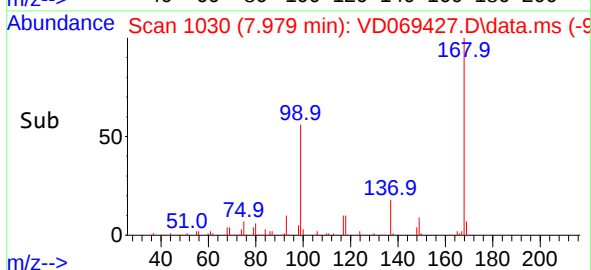
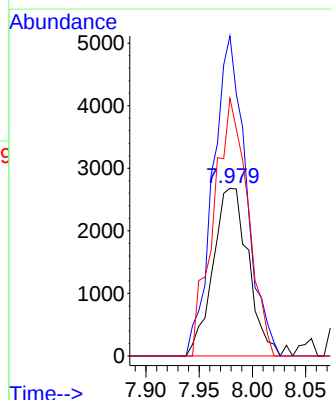
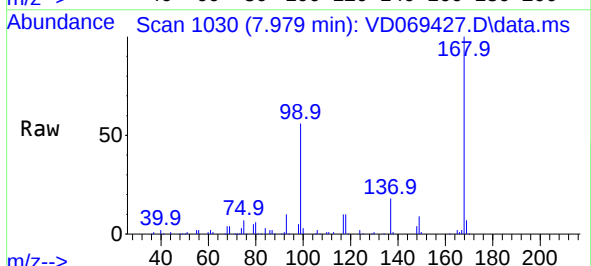
Instrument :
MSVOA_D
ClientSampled :

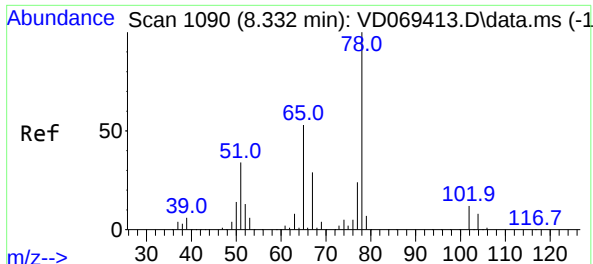
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.51 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion: 56 Resp: 6172
Ion Ratio Lower Upper
56 100
69 190.8 29.0 43.4#
84 153.6 81.1 121.7#

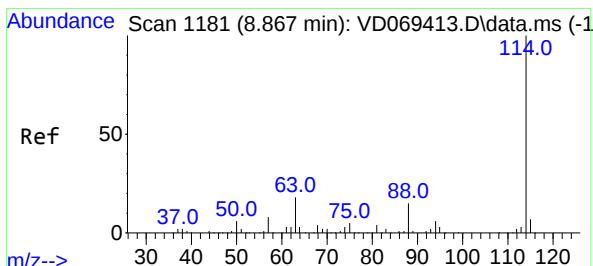
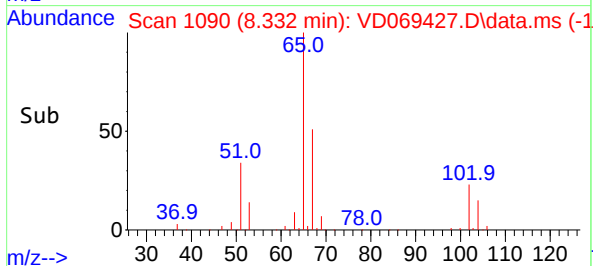
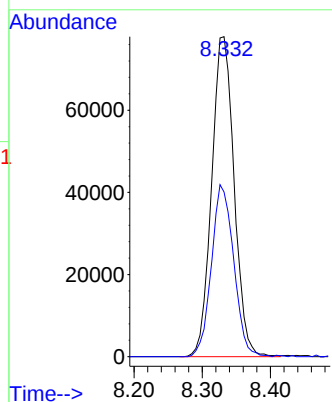
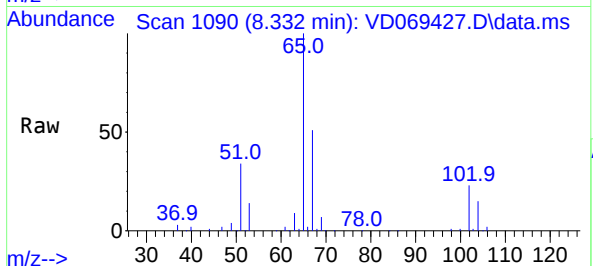




#33
1,2-Dichloroethane-d4
Concen: 59.62 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

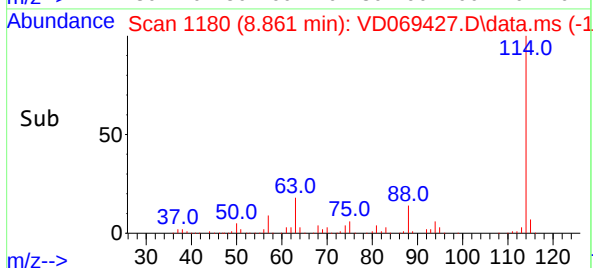
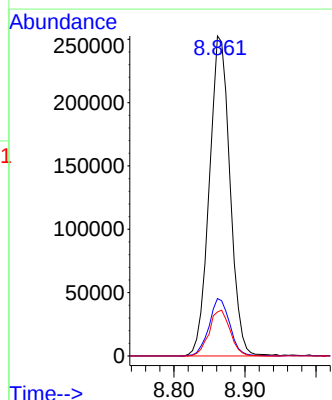
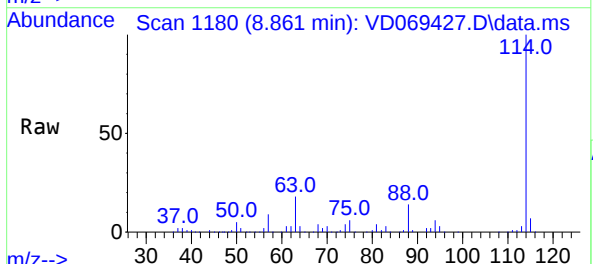
Instrument :
MSVOA_D
ClientSampleId :

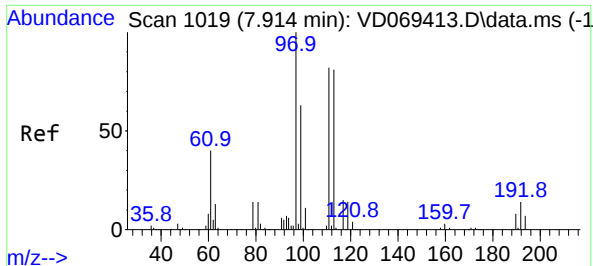
Tgt Ion: 65 Resp: 178778
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion:114 Resp: 510033
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.6
88 13.8 0.0 31.2

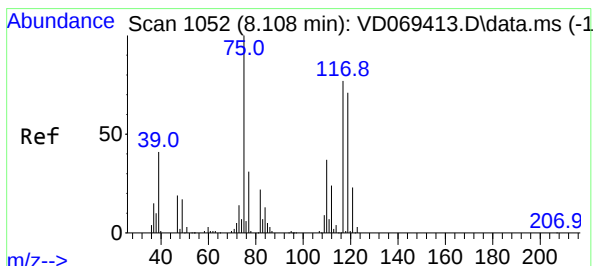
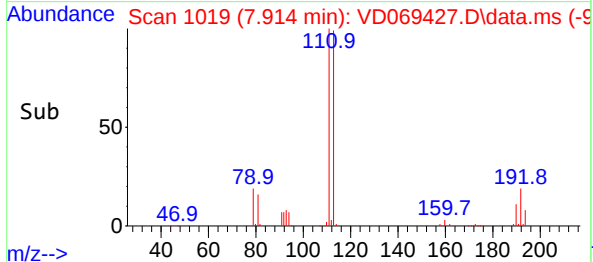
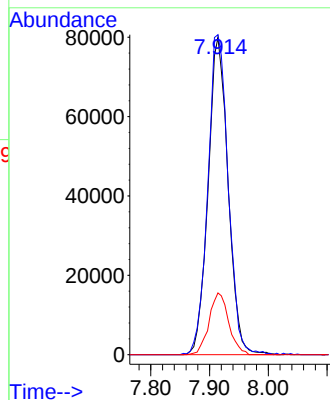
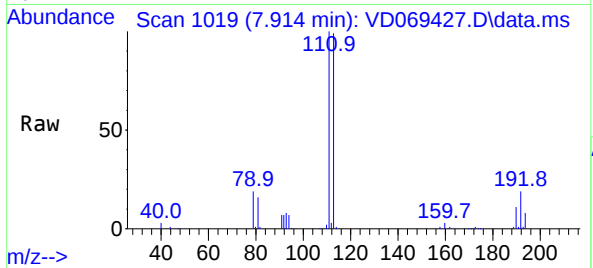




#35
Dibromofluoromethane
Concen: 49.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

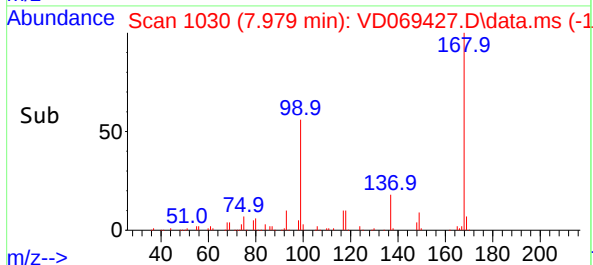
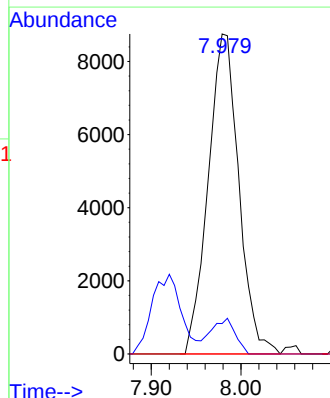
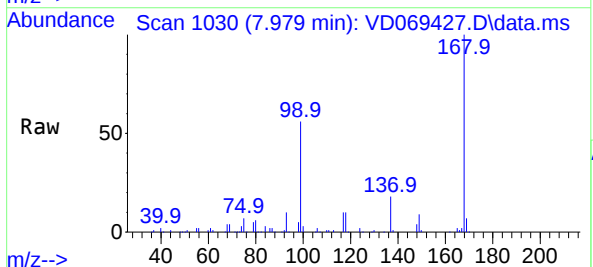
Instrument :
MSVOA_D
ClientSampleId :

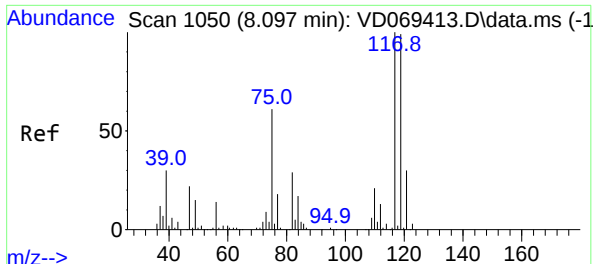
Tgt Ion:113 Resp: 188966
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 3.91 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

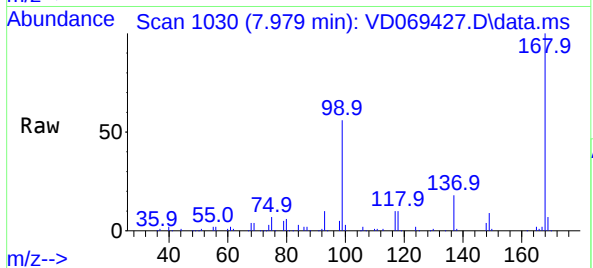
Tgt Ion: 75 Resp: 20773
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.9 37.3#



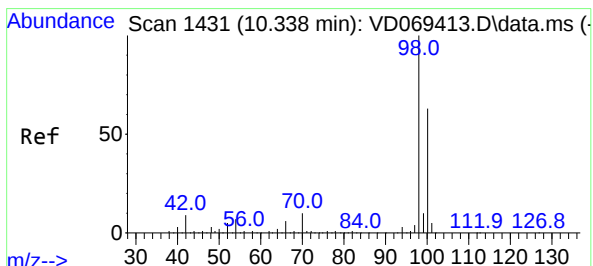
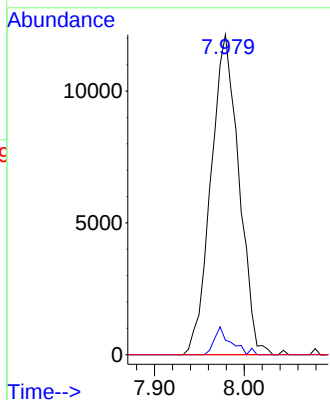
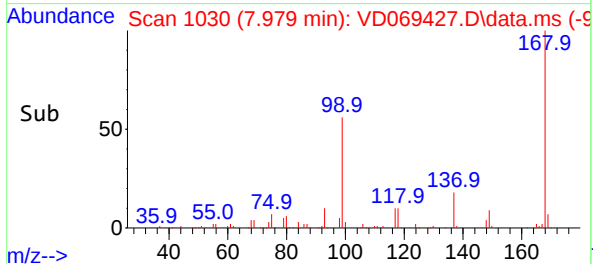


#38
Carbon Tetrachloride
Concen: 4.58 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

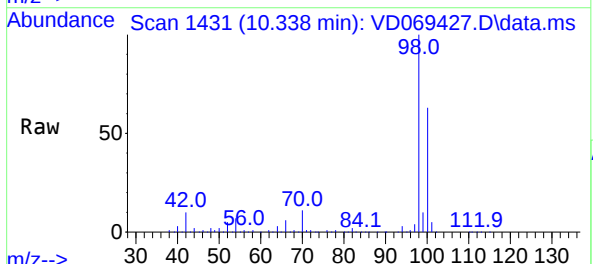
Instrument :
MSVOA_D
ClientSampled :



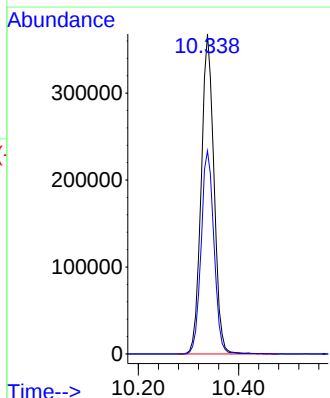
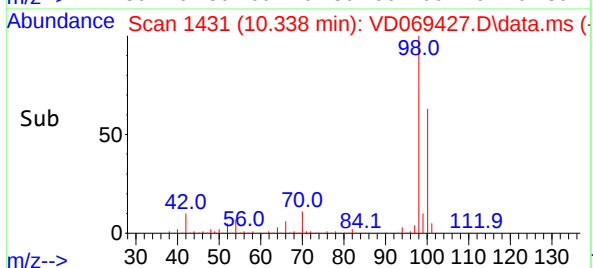
Tgt Ion:117 Resp: 26336
Ion Ratio Lower Upper
117 100
119 4.6 79.4 119.2#
121 0.0 26.1 39.1#

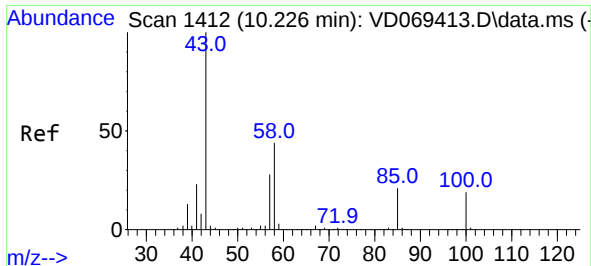


#50
Toluene-d8
Concen: 46.52 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23



Tgt Ion: 98 Resp: 649970
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

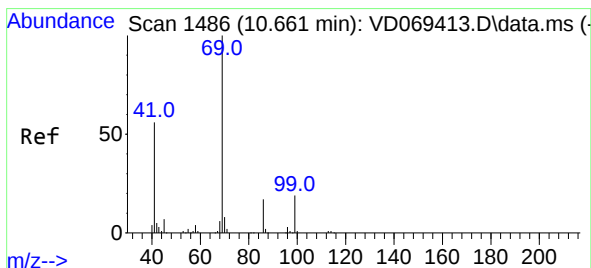
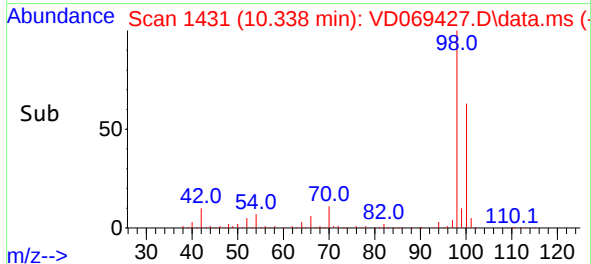
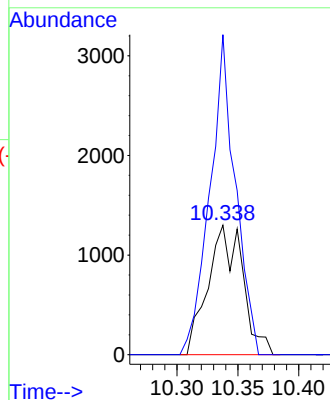
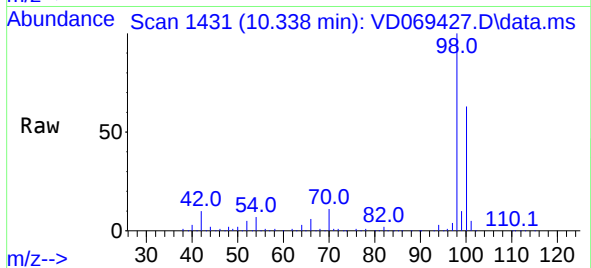




#51
4-Methyl-2-Pentanone
Concen: 1.51 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

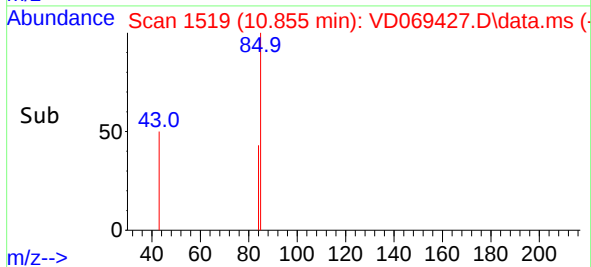
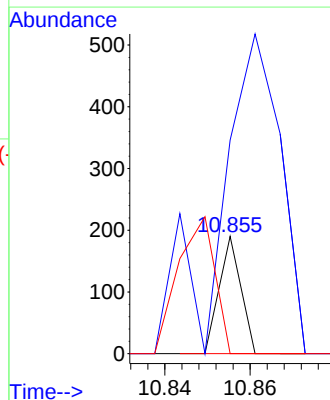
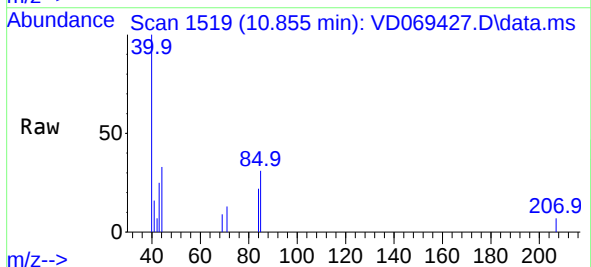
Instrument :
MSVOA_D
ClientSampleId :

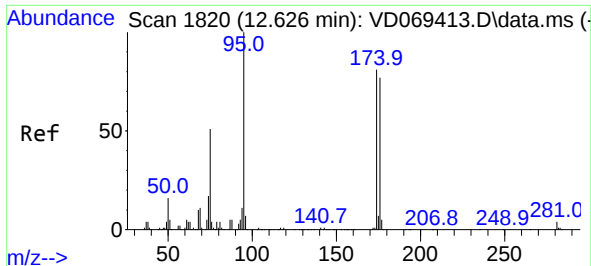
Tgt Ion: 43 Resp: 2583
Ion Ratio Lower Upper
43 100
58 182.2 35.1 52.7#



#56
Ethyl methacrylate
Concen: 2.84 ug/l
RT: 10.855 min Scan# 1519
Delta R.T. 0.194 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion: 69 Resp: 67
Ion Ratio Lower Upper
69 100
41 762.7 45.4 68.2#
39 198.5 21.7 32.5#

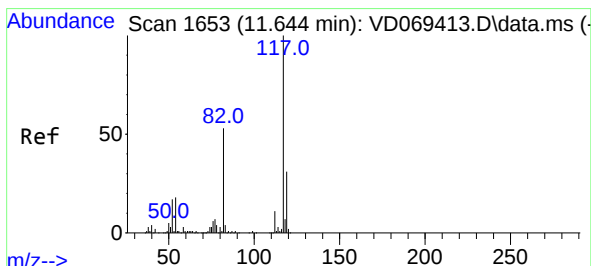
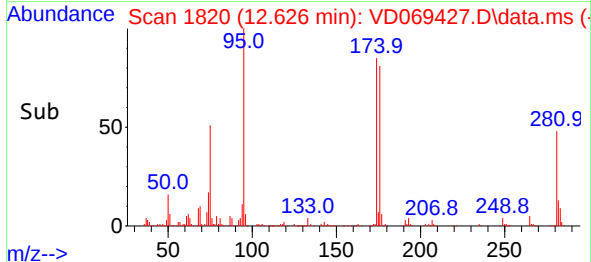
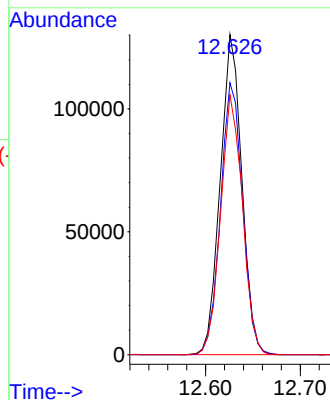
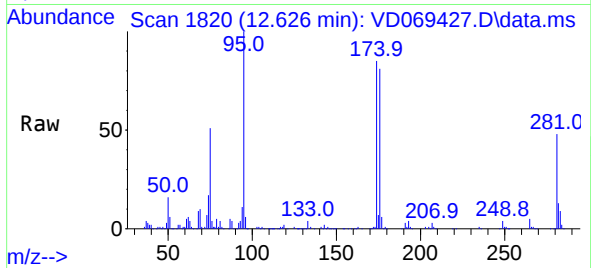




#62
4-Bromofluorobenzene
Concen: 46.06 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

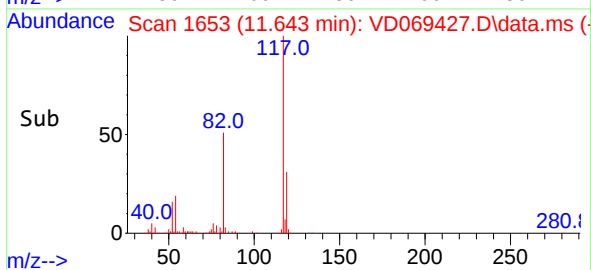
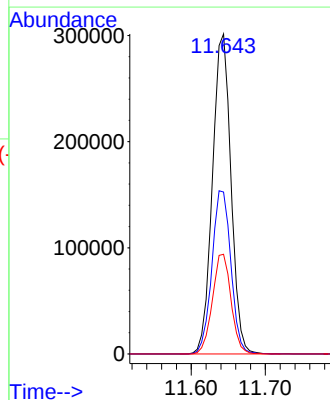
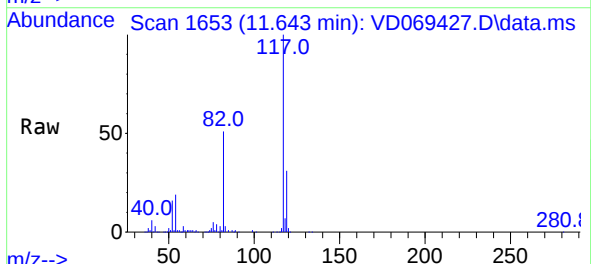
Instrument :
MSVOA_D
ClientSampleId :

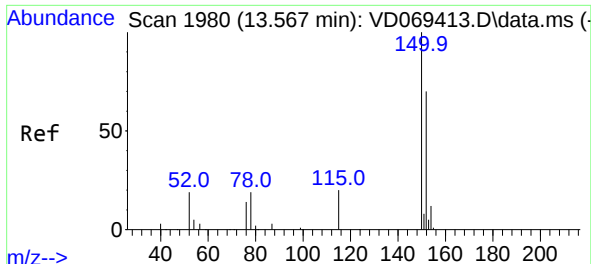
Tgt Ion: 95 Resp: 206502
Ion Ratio Lower Upper
95 100
174 87.1 0.0 162.8
176 82.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion: 117 Resp: 522782
Ion Ratio Lower Upper
117 100
82 50.6 43.3 64.9
119 31.1 25.3 37.9

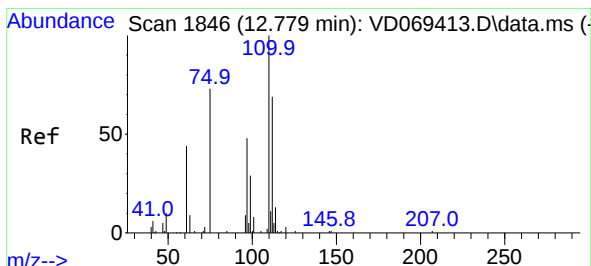
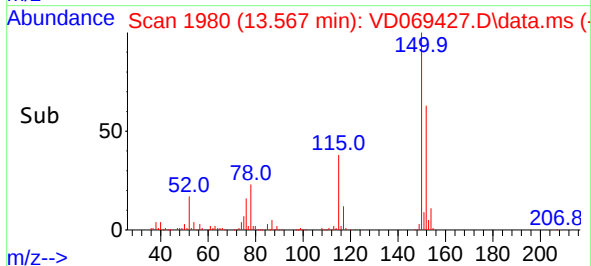
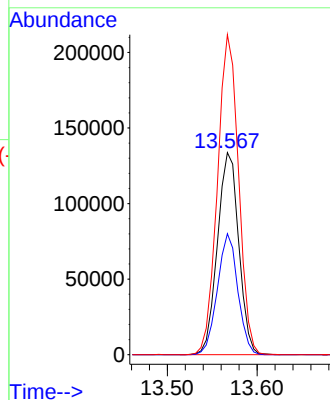
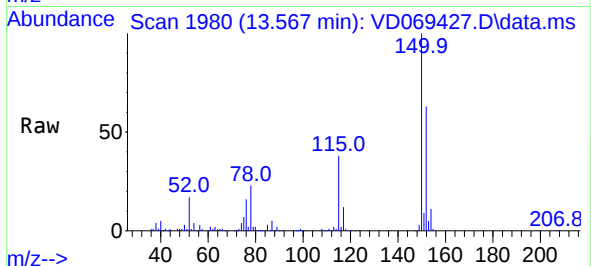




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

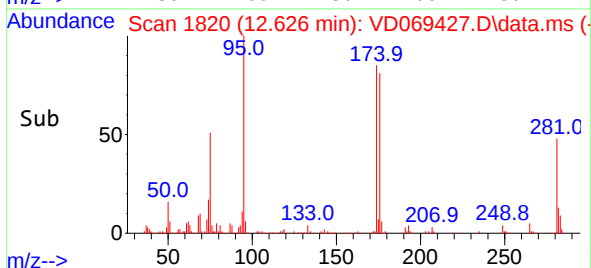
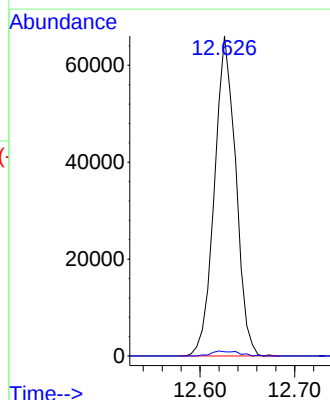
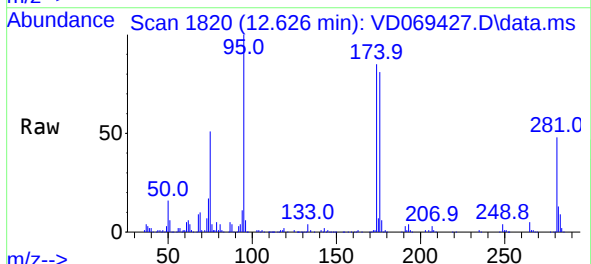
Instrument :
MSVOA_D
ClientSampled :

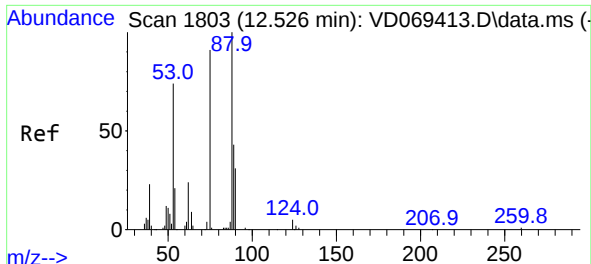
Tgt Ion:152 Resp: 220358
Ion Ratio Lower Upper
152 100
115 57.3 29.4 88.3
150 156.9 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 46.20 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion: 75 Resp: 103204
Ion Ratio Lower Upper
75 100
77 2.0 183.8 551.2#

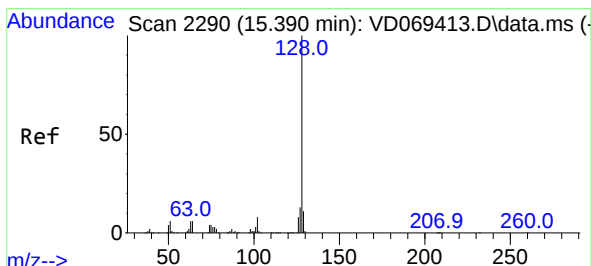
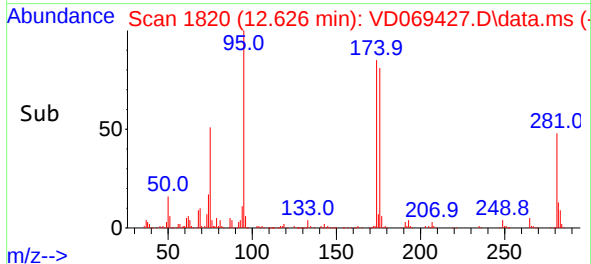
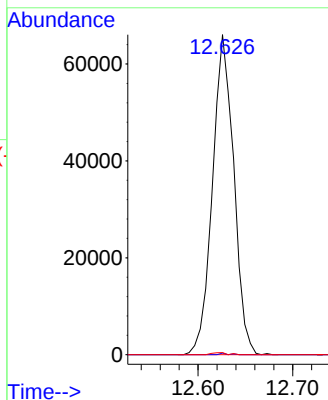
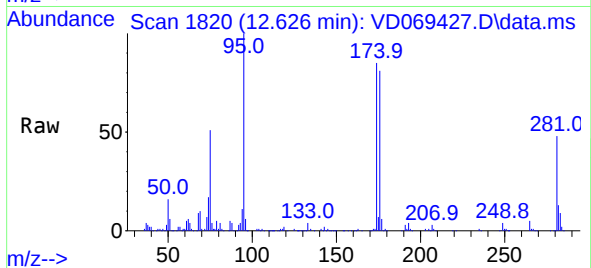




#81
trans-1,4-Dichloro-2-butene
Concen: 123.24 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 103204
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.5 35.6 53.4#



#95
Naphthalene
Concen: 3.65 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069427.D
Acq: 14 Jun 2021 15:23

Tgt Ion:128 Resp: 620
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

