

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069450.D
 Acq On : 15 Jun 2021 20:01
 Operator : VA/SY
 Sample : M2719-01
 Misc : 6.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 02:02:51 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)

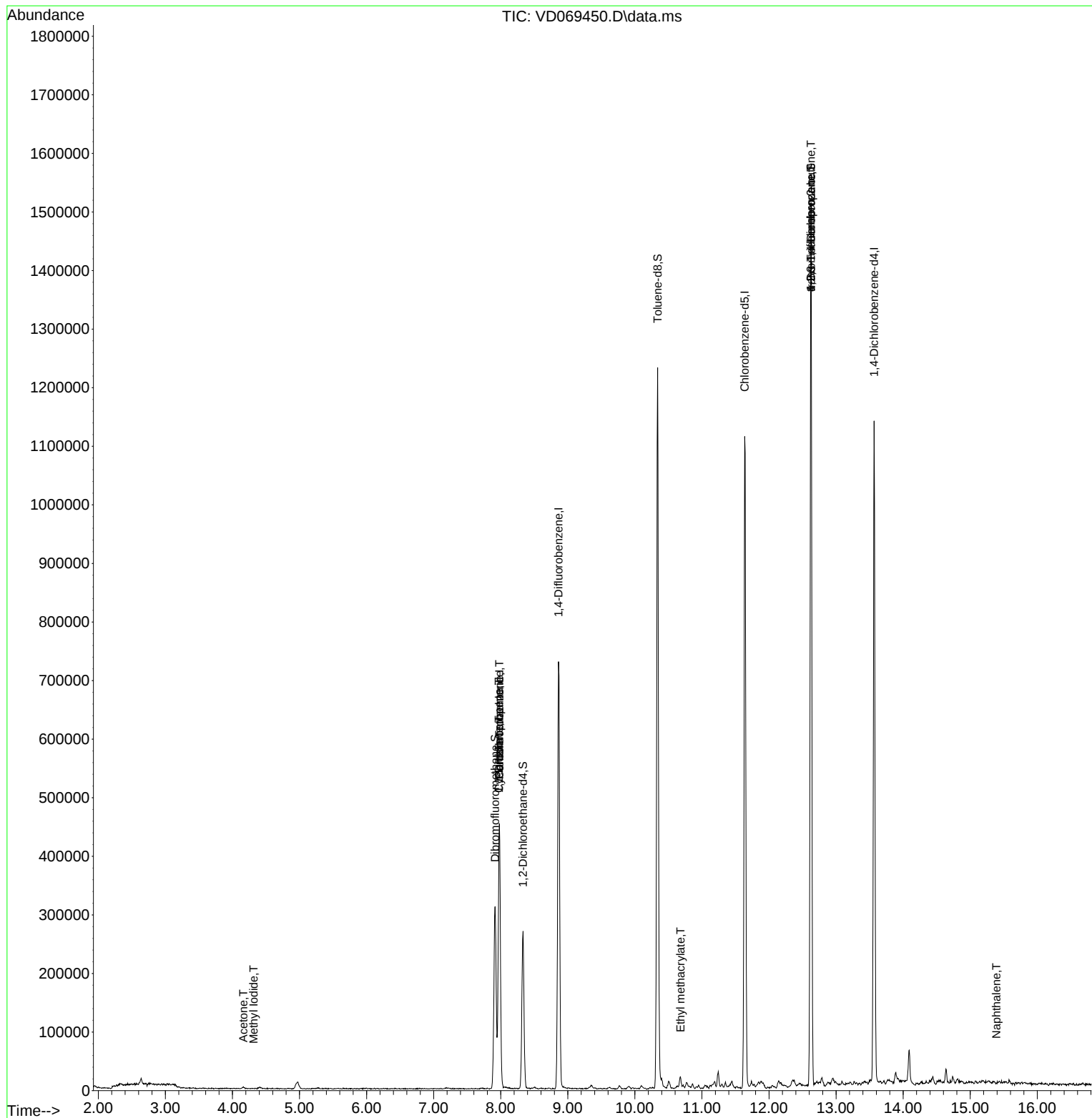
Internal Standards						
1) Pentafluorobenzene	7.979	168	340609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	655208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	691753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	310695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	212999	55.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.860%			
35) Dibromofluoromethane	7.914	113	228054	46.470	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.940%			
50) Toluene-d8	10.338	98	841188	46.865	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.740%			
62) 4-Bromofluorobenzene	12.626	95	315690	54.815	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.620%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	653	Below Cal		93
10) Methyl Iodide	4.315	142	284	3.399 ug/l #		39
16) Acetone	4.162	43	2987	4.696 ug/l #		73
18) Methyl Acetate	4.750	43	101	Below Cal #		46
20) Methylene Chloride	4.979	84	10193	Below Cal #		85
31) Cyclohexane	7.973	56	7897	1.512 ug/l #		1
36) 1,1-Dichloropropene	7.973	75	26141	3.831 ug/l #		49
38) Carbon Tetrachloride	7.979	117	33803	4.574 ug/l #		15
56) Ethyl methacrylate	10.679	69	2094	3.274 ug/l #		1
76) 1,2,3-Trichloropropane	12.626	75	158048	50.175 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	158048	133.854 ug/l #		19
95) Naphthalene	15.390	128	1158	3.671 ug/l #		85

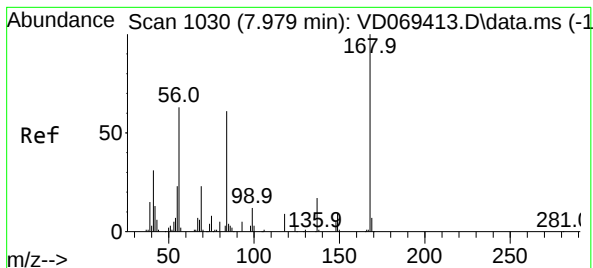
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

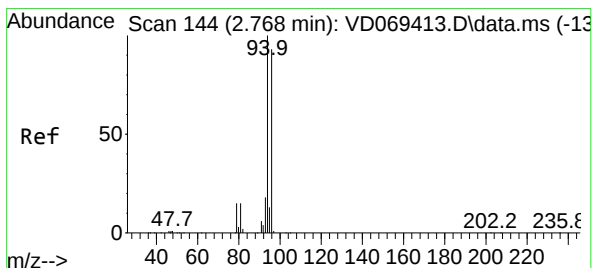
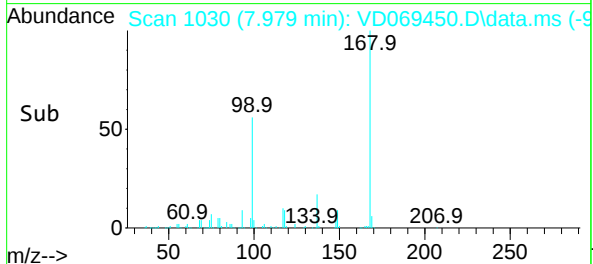
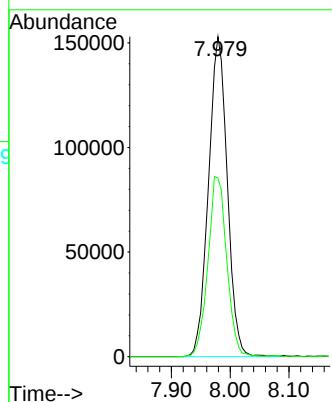
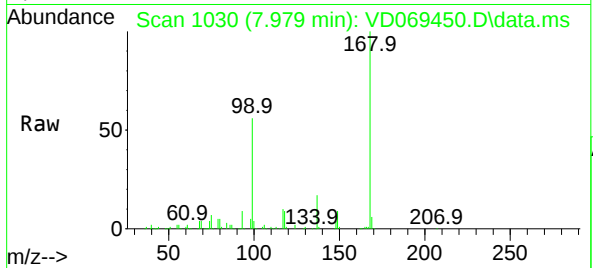




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

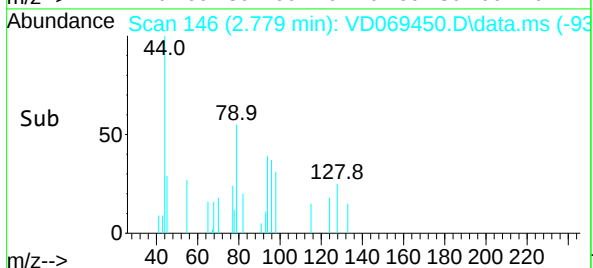
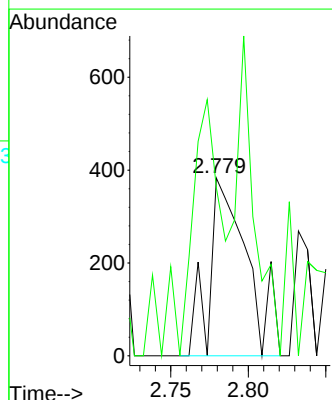
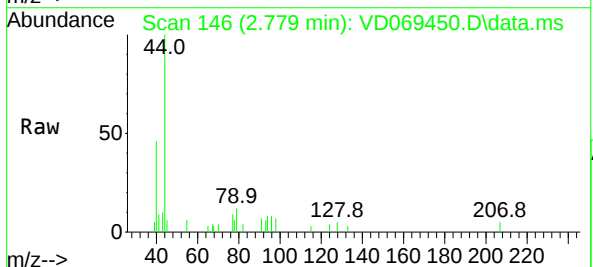
Instrument :
MSVOA_D
ClientSampleId :

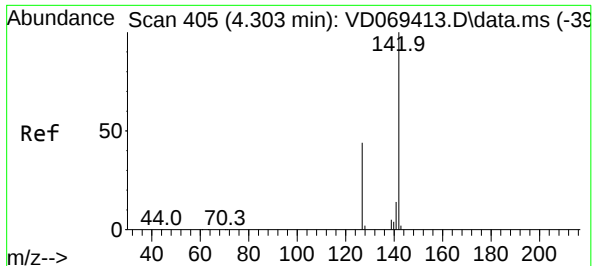
Tgt Ion:168 Resp: 340609
Ion Ratio Lower Upper
168 100
99 55.7 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion: 94 Resp: 653
Ion Ratio Lower Upper
94 100
96 94.5 70.3 105.5





#10

Methyl Iodide

Concen: 3.399 ug/l

RT: 4.315 min Scan# 407

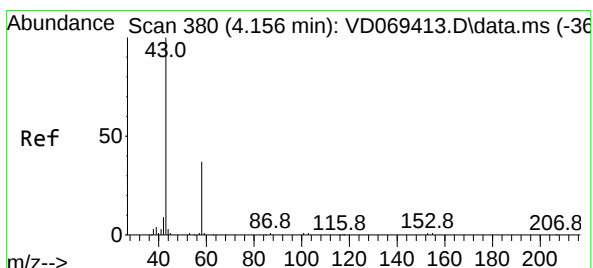
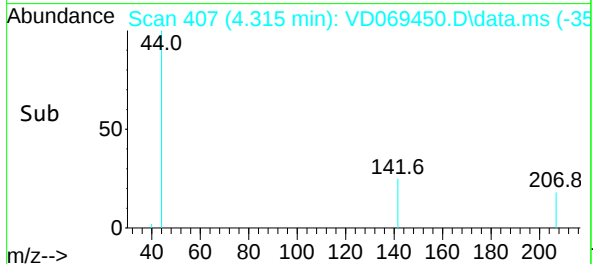
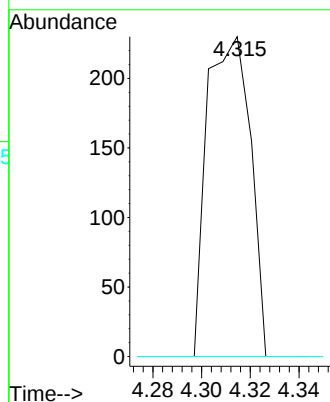
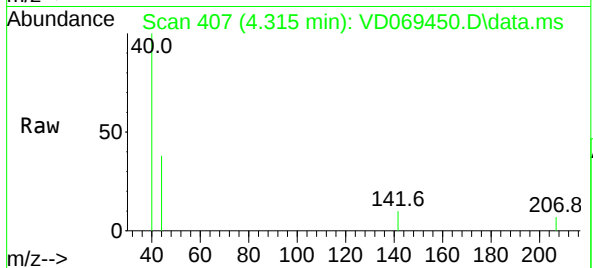
Delta R.T. 0.012 min

Lab File: VD069450.D

Acq: 15 Jun 2021 20:01

Tgt Ion:	142	Resp:	284
Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.2	54.2#
141	0.0	12.2	18.2#

Instrument :
MSVOA_D
ClientSampleId :



#16

Acetone

Concen: 4.696 ug/l

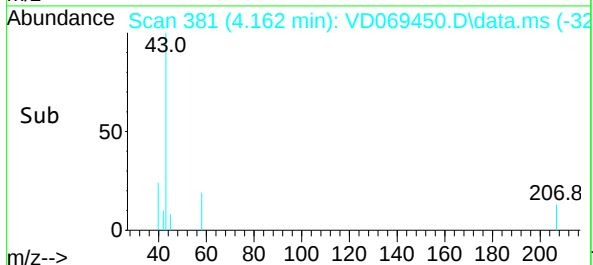
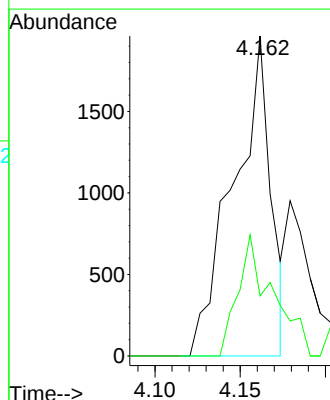
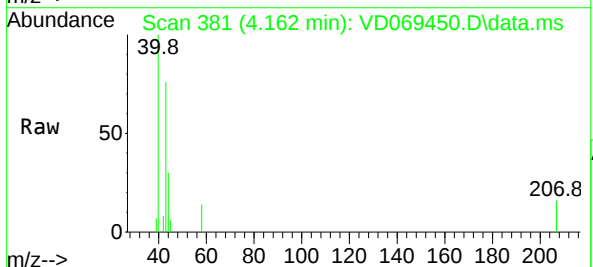
RT: 4.162 min Scan# 381

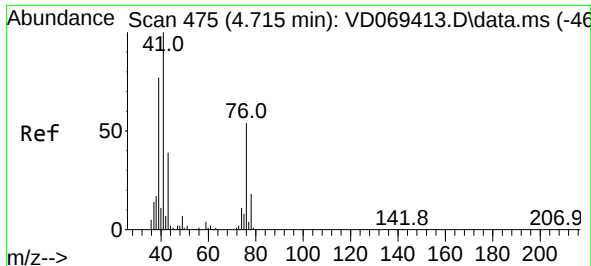
Delta R.T. 0.006 min

Lab File: VD069450.D

Acq: 15 Jun 2021 20:01

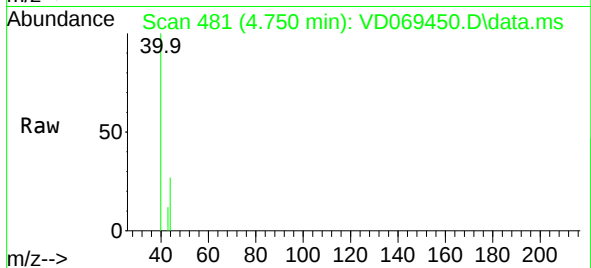
Tgt Ion:	43	Resp:	2987
Ion	Ratio	Lower	Upper
43	100		
58	18.7	27.5	41.3#



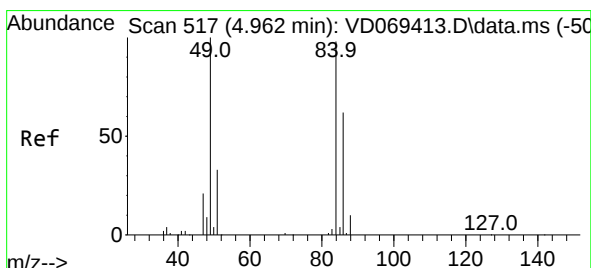
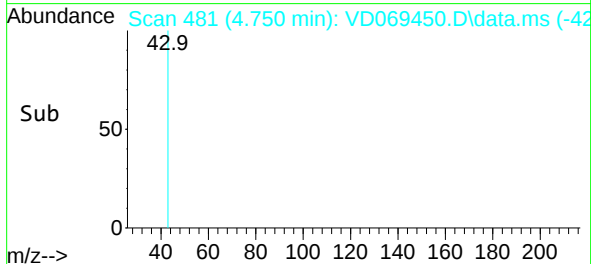
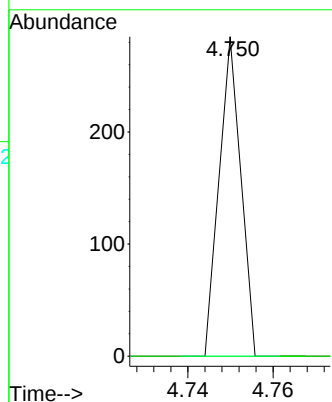


#18
Methyl Acetate
Concen: Below Cal
RT: 4.750 min Scan# 481
Delta R.T. 0.035 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Instrument :
MSVOA_D
ClientSampled :

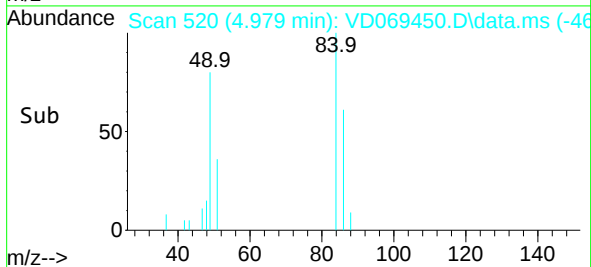
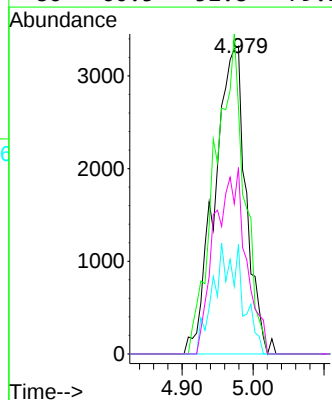
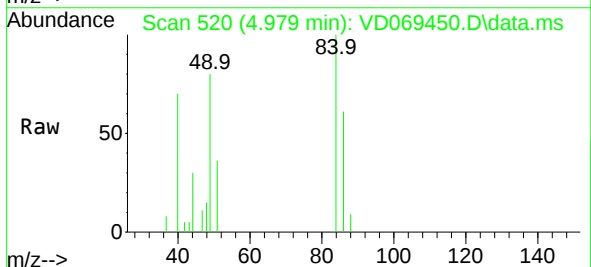


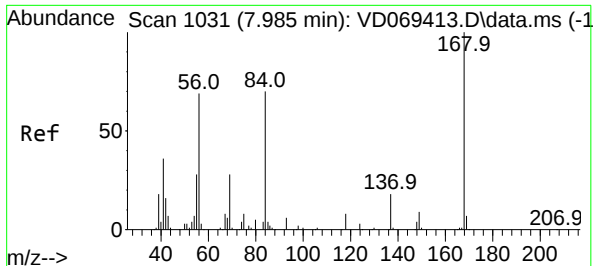
Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.017 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

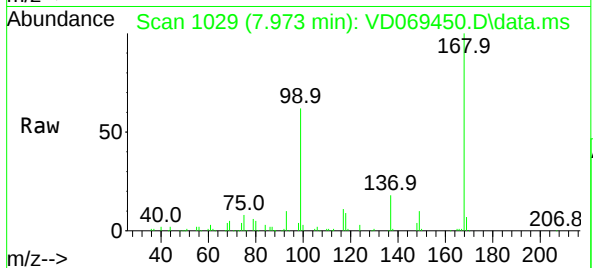
Tgt Ion: 84 Resp: 10193
Ion Ratio Lower Upper
84 100
49 80.2 83.7 125.5#
51 35.6 26.4 39.6
86 60.5 52.8 79.2



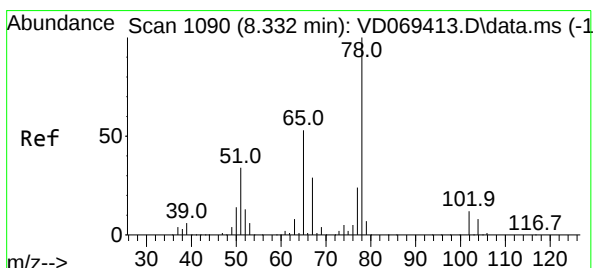
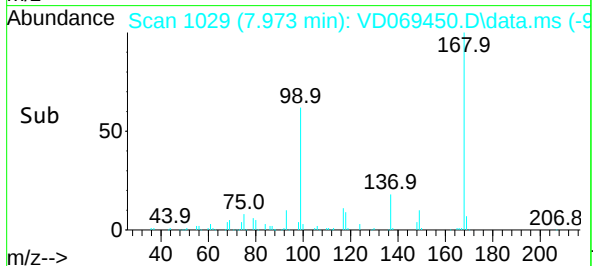
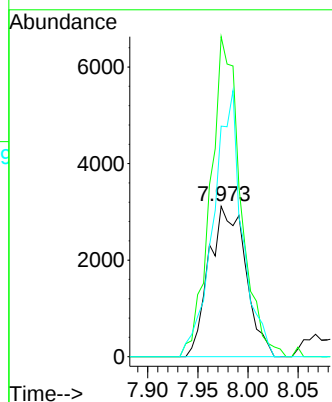


#31
Cyclohexane
Concen: 1.512 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Instrument :
MSVOA_D
ClientSampleId :

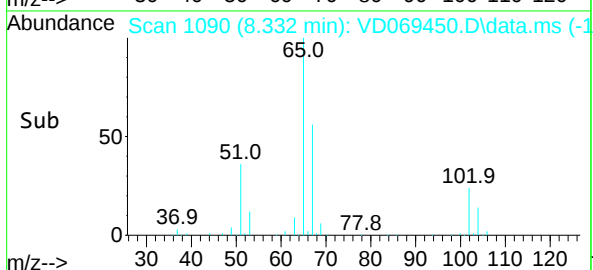
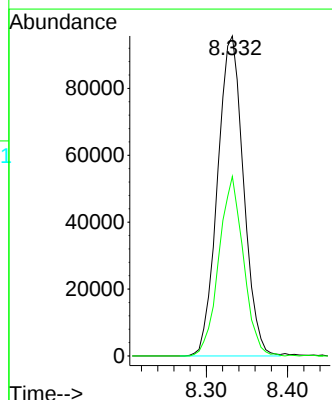
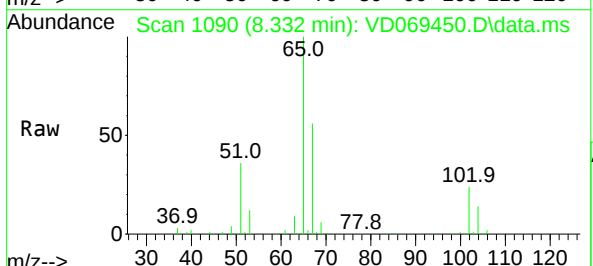


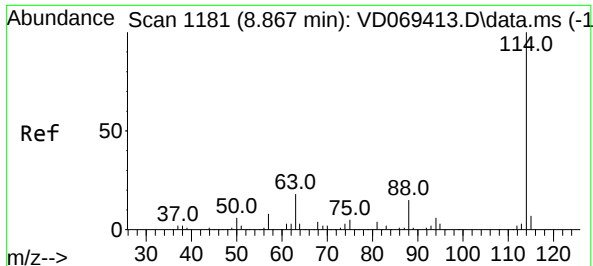
Tgt Ion: 56 Resp: 7897
Ion Ratio Lower Upper
56 100
69 212.7 29.0 43.4#
84 153.3 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 55.431 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion: 65 Resp: 212999
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

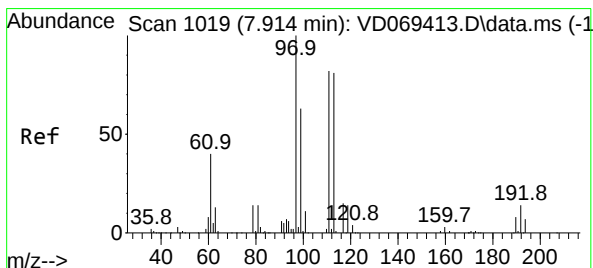
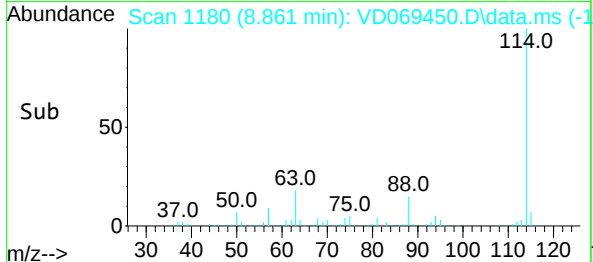
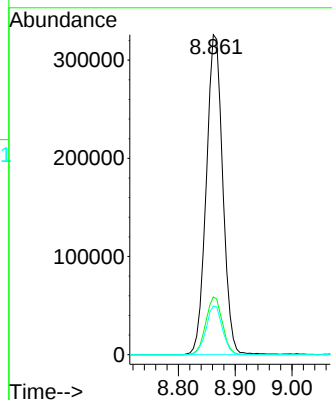
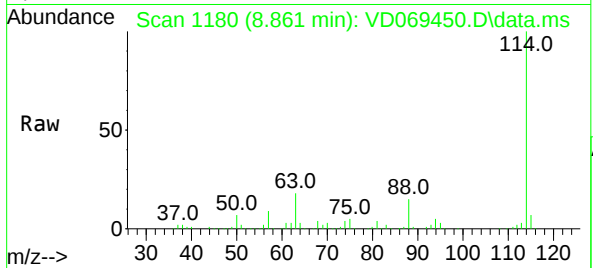




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

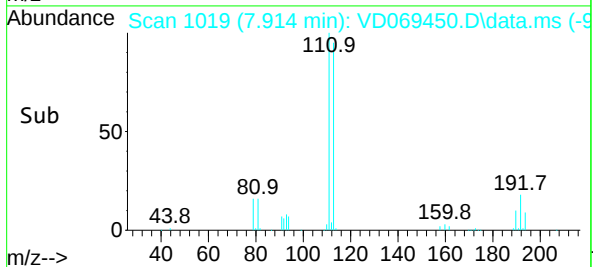
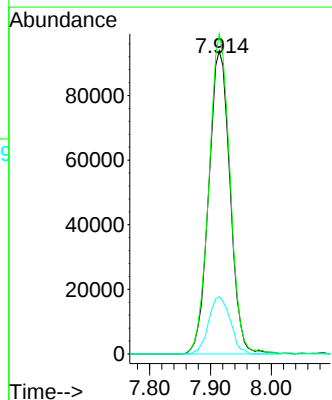
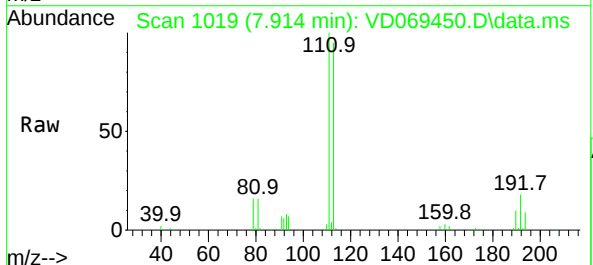
Instrument :
MSVOA_D
ClientSampleId :

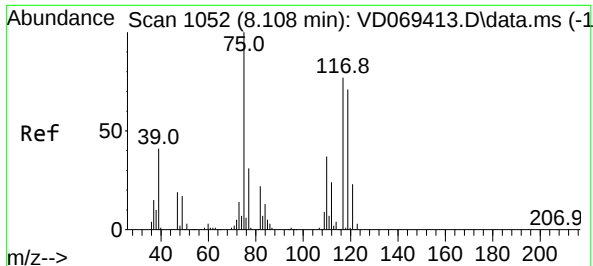
Tgt Ion:114 Resp: 655208
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.6
88 15.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 46.470 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion:113 Resp: 228054
Ion Ratio Lower Upper
113 100
111 104.5 83.0 124.6
192 19.1 15.1 22.7



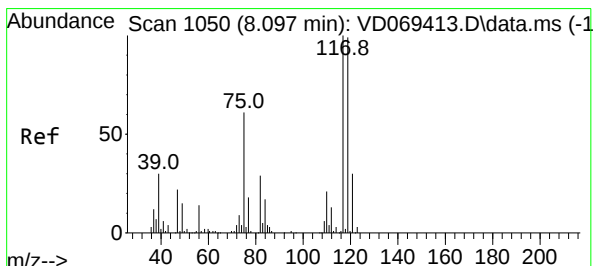
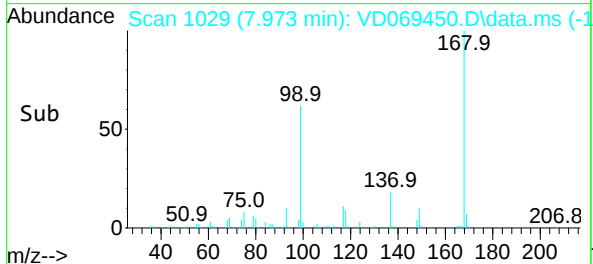
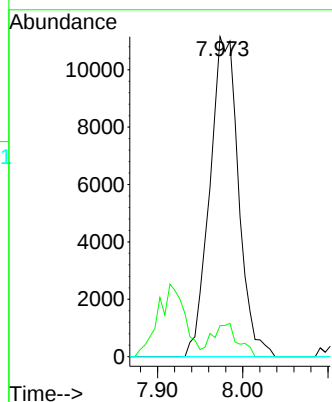
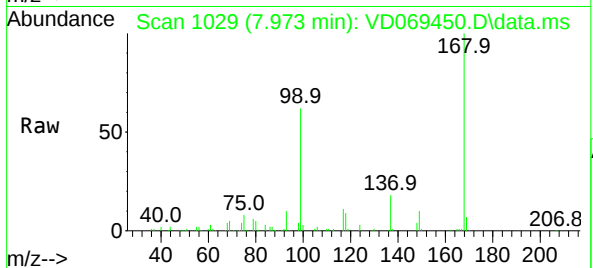


#36

1,1-Dichloropropene
Concen: 3.831 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Instrument :
MSVOA_D
ClientSampleId :

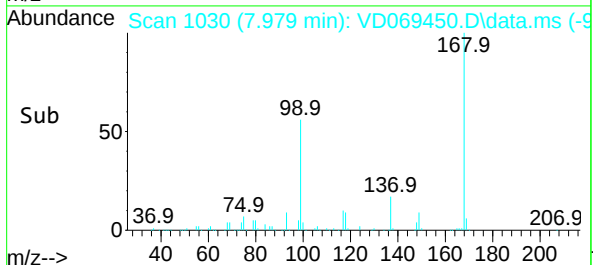
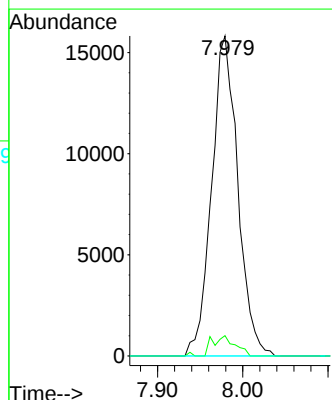
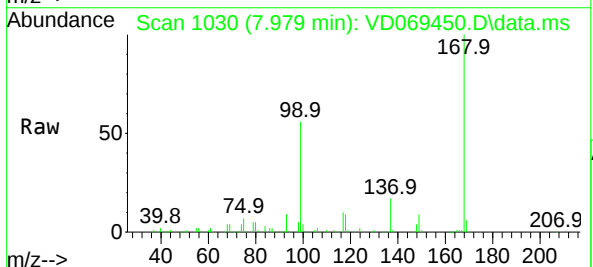
Tgt Ion: 75 Resp: 26141
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.9 37.3#

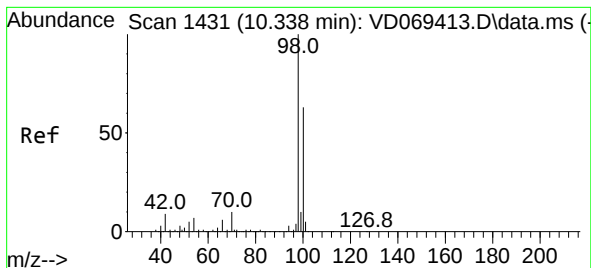


#38

Carbon Tetrachloride
Concen: 4.574 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion: 117 Resp: 33803
Ion Ratio Lower Upper
117 100
119 6.4 79.4 119.2#
121 0.0 26.1 39.1#

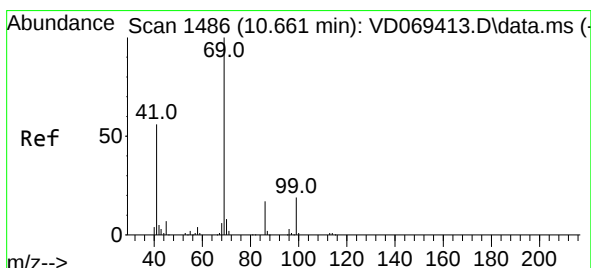
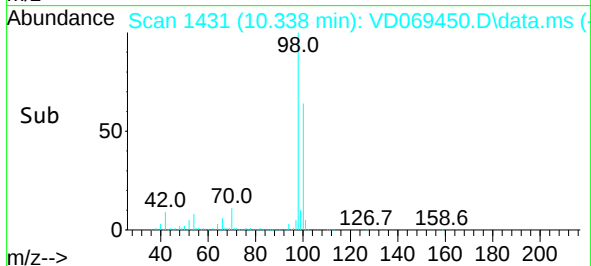
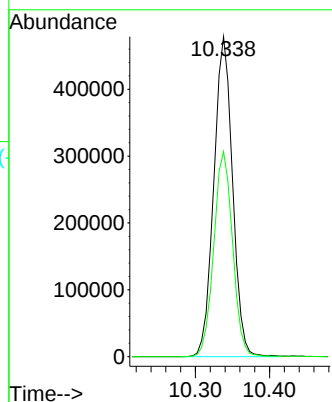
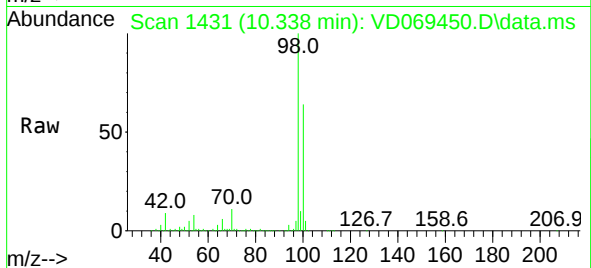




#50
Toluene-d8
Concen: 46.865 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

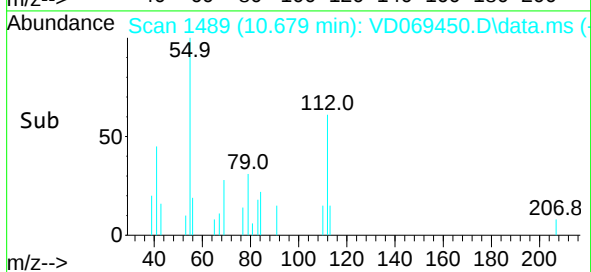
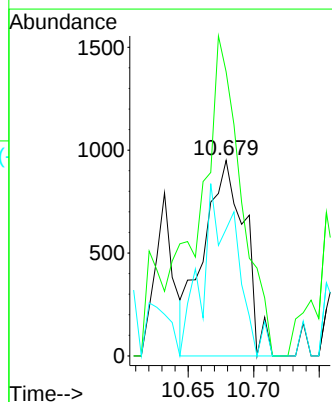
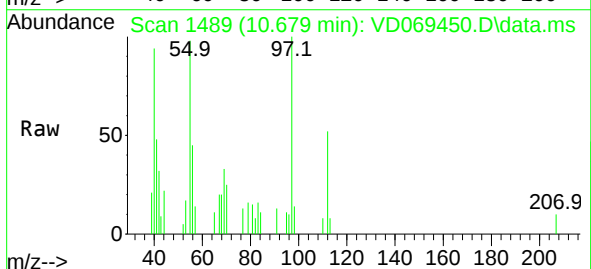
Instrument :
MSVOA_D
ClientSampleId :

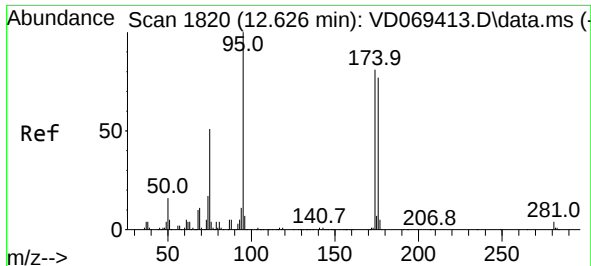
Tgt Ion: 98 Resp: 841188
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#56
Ethyl methacrylate
Concen: 3.274 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.018 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion: 69 Resp: 2094
Ion Ratio Lower Upper
69 100
41 164.7 45.4 68.2#
39 71.8 21.7 32.5#

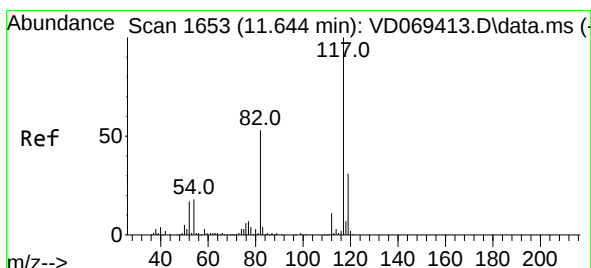
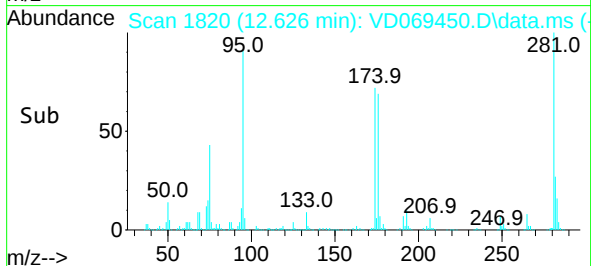
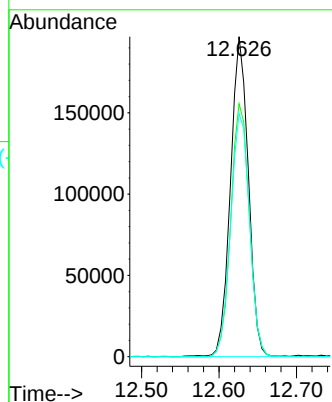
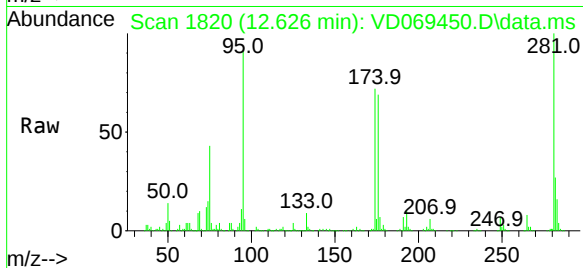




#62
4-Bromofluorobenzene
Concen: 54.815 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

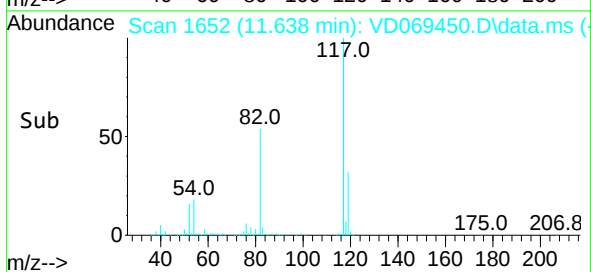
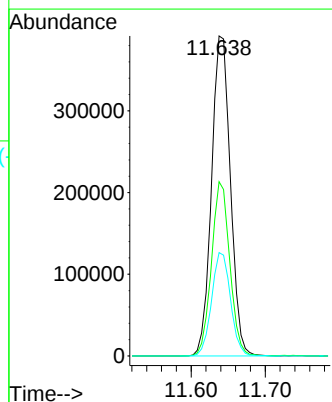
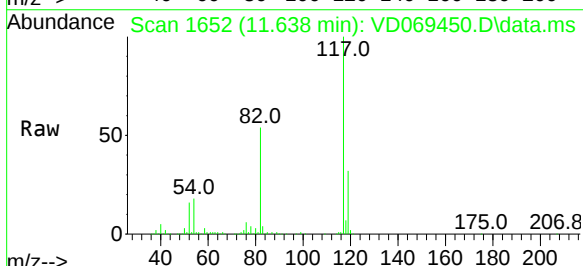
Instrument :
MSVOA_D
ClientSampleId :

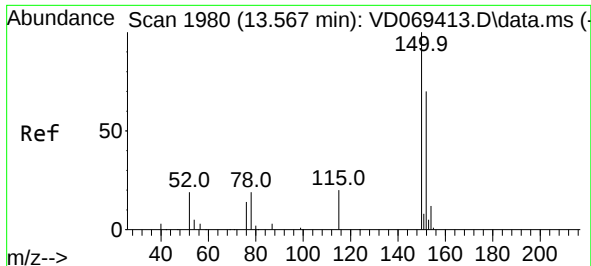
Tgt Ion: 95 Resp: 315690
Ion Ratio Lower Upper
95 100
174 81.6 0.0 162.8
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

Tgt Ion: 117 Resp: 691753
Ion Ratio Lower Upper
117 100
82 54.4 43.3 64.9
119 32.3 25.3 37.9

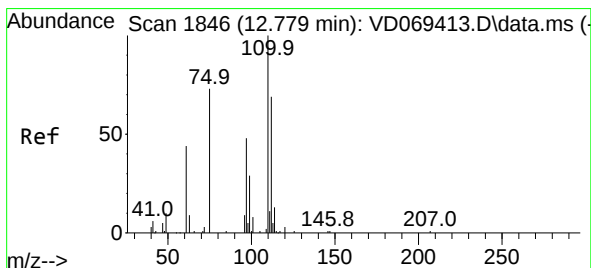
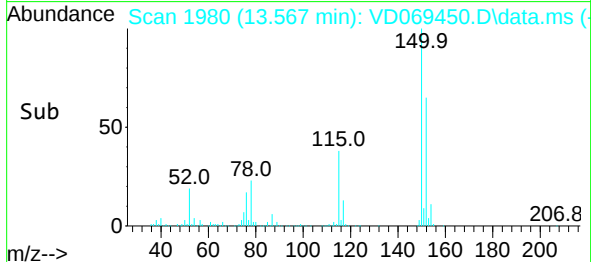
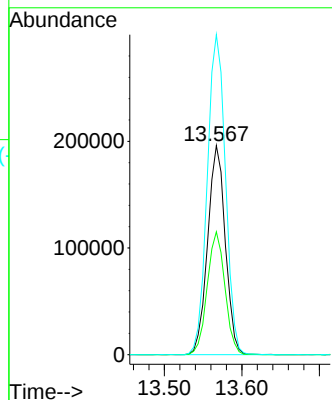
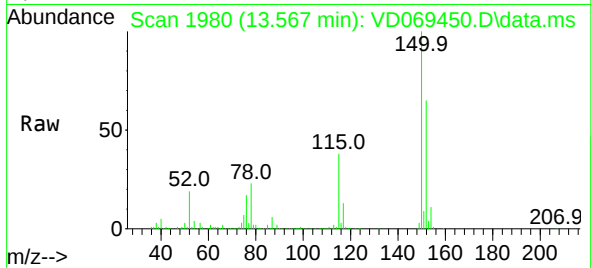




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

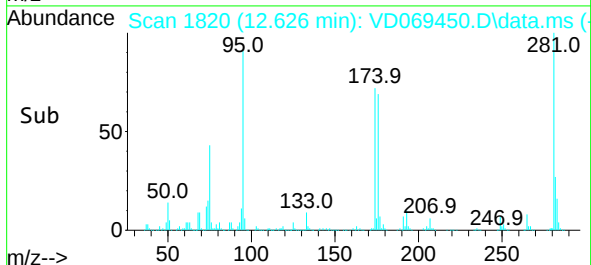
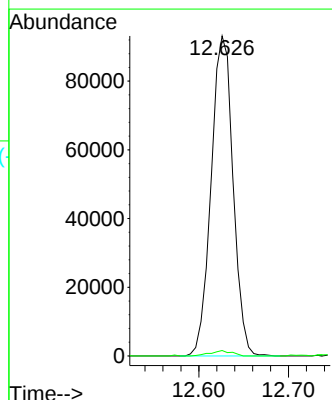
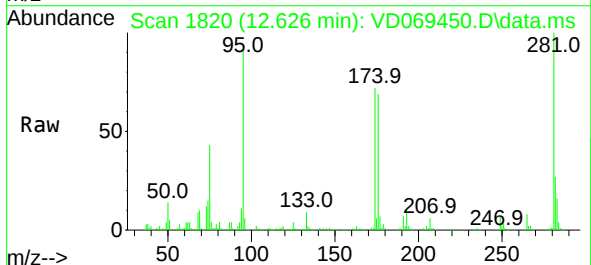
Instrument :
MSVOA_D
ClientSampleId :

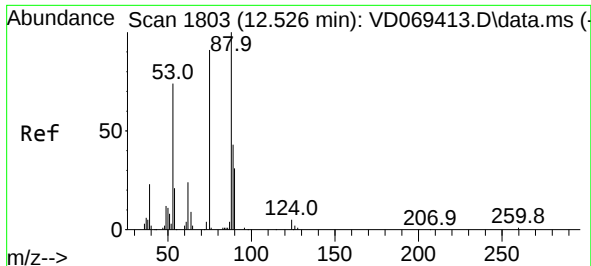
Tgt Ion:152 Resp: 310695
Ion Ratio Lower Upper
152 100
115 58.8 29.4 88.3
150 157.3 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 50.175 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

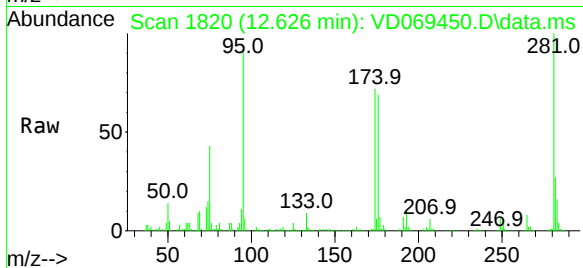
Tgt Ion: 75 Resp: 158048
Ion Ratio Lower Upper
75 100
77 1.6 183.8 551.2#



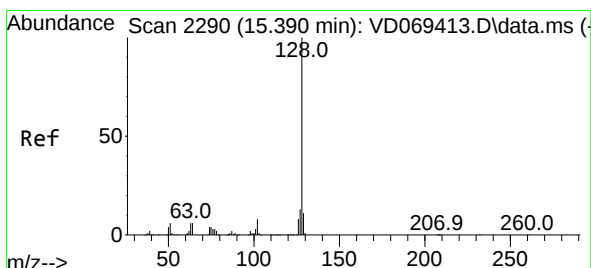
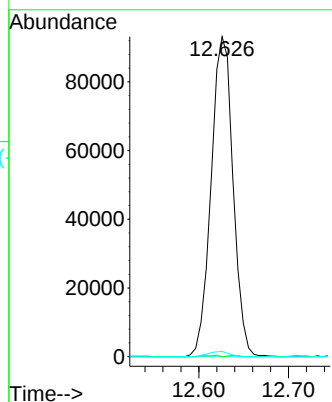
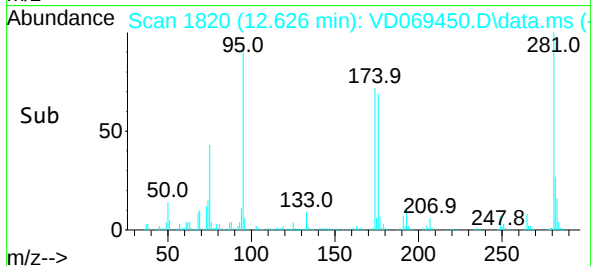


#81
trans-1,4-Dichloro-2-butene
Concen: 133.854 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01

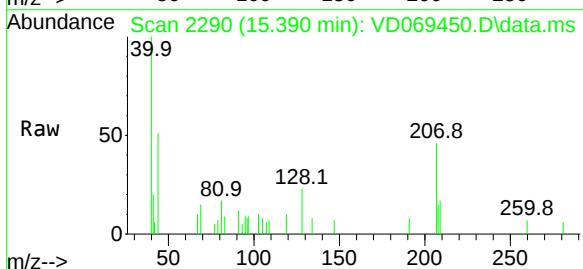
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 158048
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 1.6 35.6 53.4#



#95
Naphthalene
Concen: 3.671 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069450.D
Acq: 15 Jun 2021 20:01



Tgt Ion:128 Resp: 1158
Ion Ratio Lower Upper
128 100
127 14.6 10.4 15.6
129 0.0 8.8 13.2#

