

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069449.D
 Acq On : 15 Jun 2021 19:33
 Operator : VA/SY
 Sample : M2709-12
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

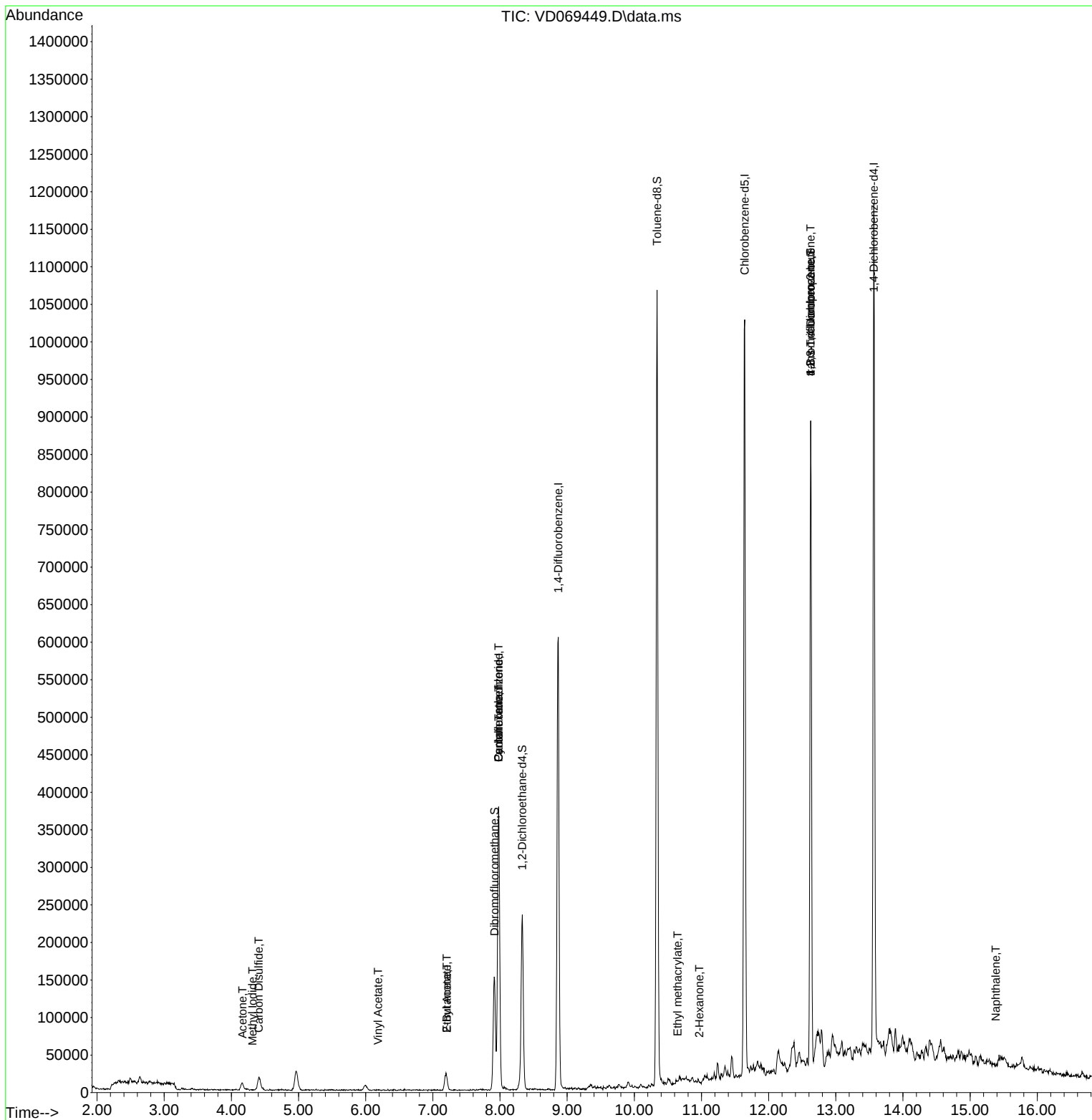
Quant Time: Jun 16 02:02:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

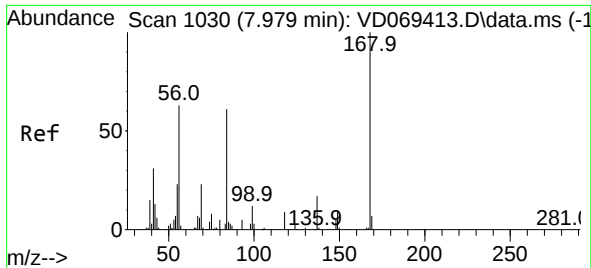
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	281625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	554543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	623284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	306884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188205	59.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.480%	
35) Dibromofluoromethane	7.920	113	111513	26.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 53.700%#	
50) Toluene-d8	10.337	98	728403	47.948	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.626	95	286078	58.690	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.380%	
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1145	Below Cal	#	72
10) Methyl Iodide	4.314	142	140	3.373	ug/l #	39
16) Acetone	4.167	43	17253	32.807	ug/l	98
17) Carbon Disulfide	4.408	76	36299	3.757	ug/l	95
18) Methyl Acetate	4.949	43	111	Below Cal	#	46
20) Methylene Chloride	4.961	84	22543	Below Cal		88
23) Vinyl Acetate	6.185	43	73	17.592	ug/l #	67
25) 2-Butanone	7.208	43	2882	4.395	ug/l #	84
31) Cyclohexane	7.979	56	6110	1.415	ug/l #	6
37) Ethyl Acetate	7.208	43	2882	1.492	ug/l #	30
38) Carbon Tetrachloride	7.979	117	28319	4.527	ug/l #	16
56) Ethyl methacrylate	10.643	69	1600	3.230	ug/l #	44
59) 2-Hexanone	10.967	43	1836	1.476	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	136434	43.851	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	136434	116.984	ug/l #	18
95) Naphthalene	15.384	128	2395	3.780	ug/l #	81

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

Quant Time: Jun 16 02:02:35 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

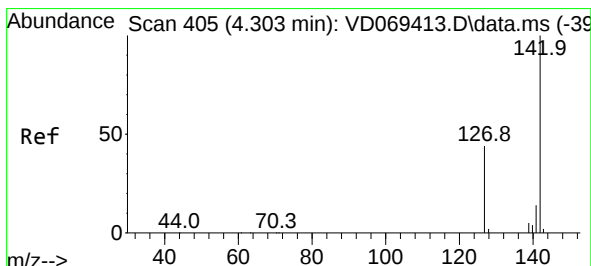
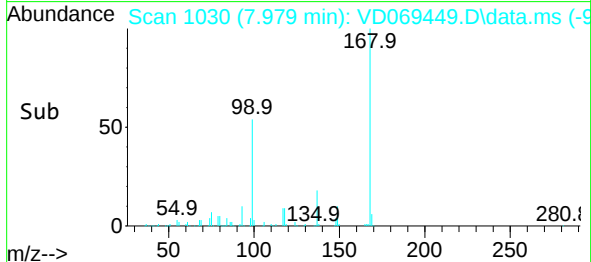
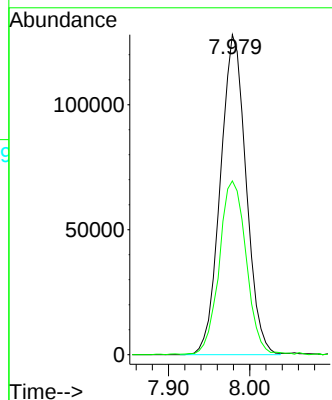
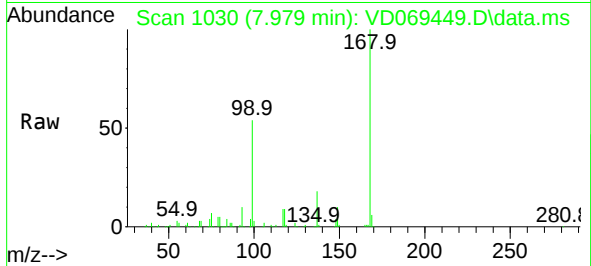




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

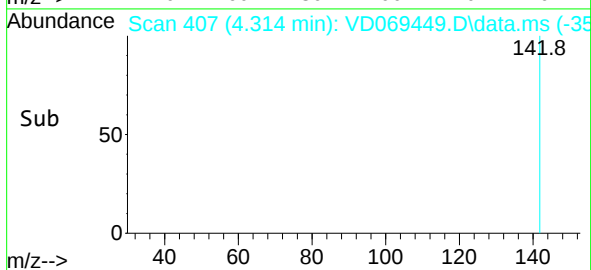
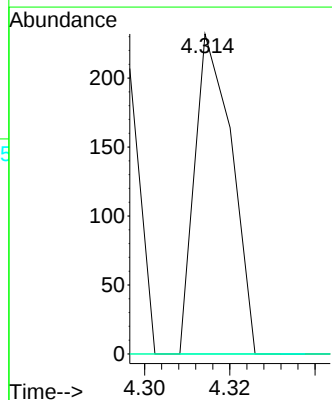
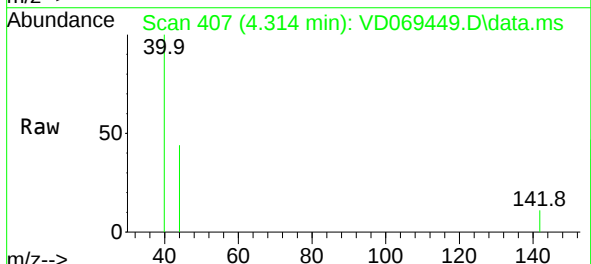
Instrument :
MSVOA_D
ClientSampleId :

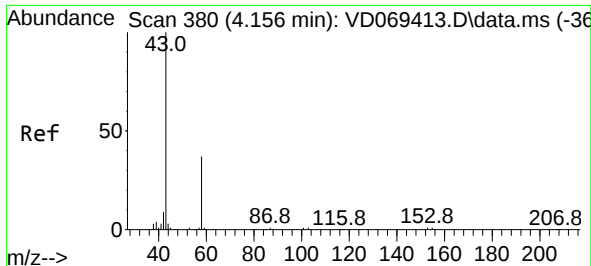
Tgt Ion:168 Resp: 281625
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#10
Methyl Iodide
Concen: 3.373 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion:142 Resp: 140
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

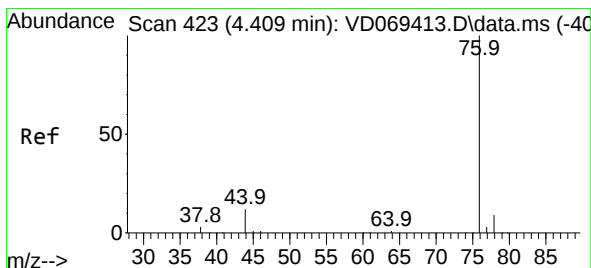
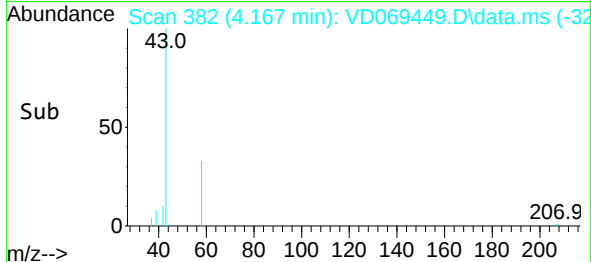
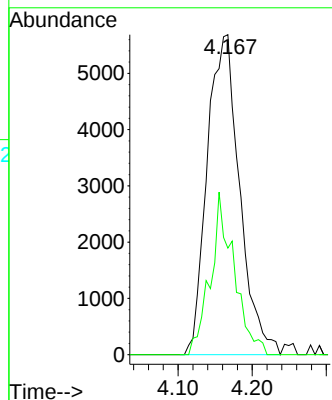
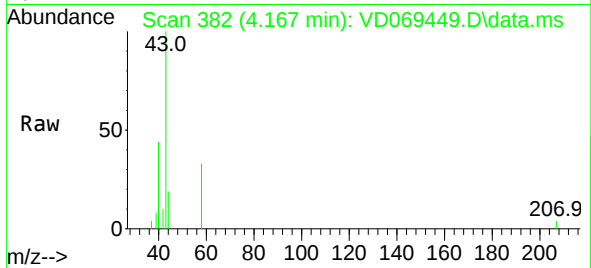




#16
Acetone
Concen: 32.807 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

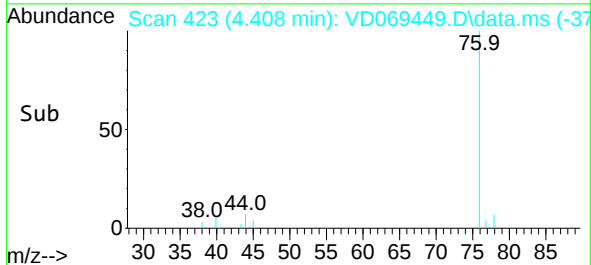
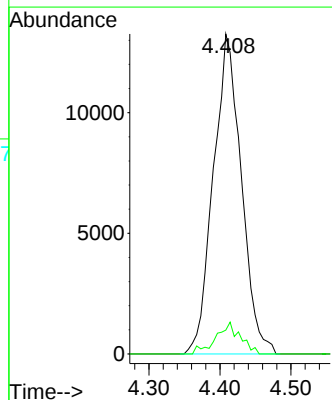
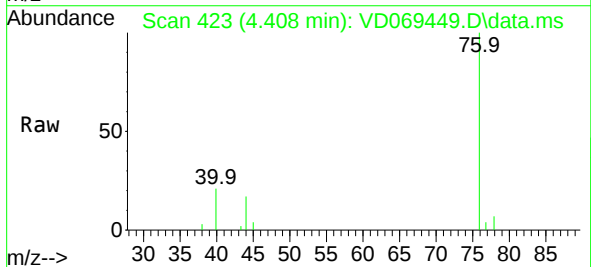
Instrument :
MSVOA_D
ClientSampleId :

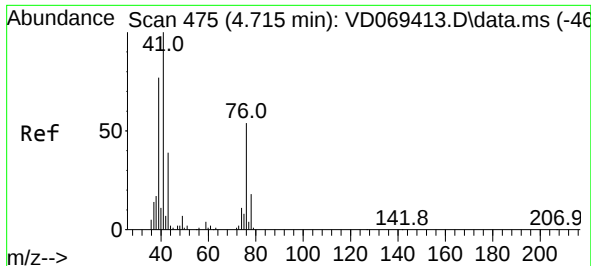
Tgt Ion: 43 Resp: 17253
Ion Ratio Lower Upper
43 100
58 33.3 27.5 41.3



#17
Carbon Disulfide
Concen: 3.757 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.001 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

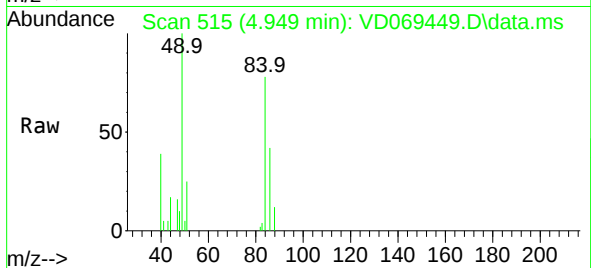
Tgt Ion: 76 Resp: 36299
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



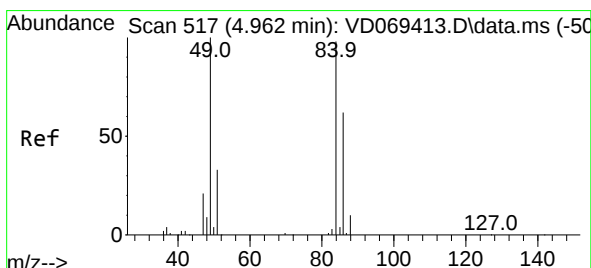
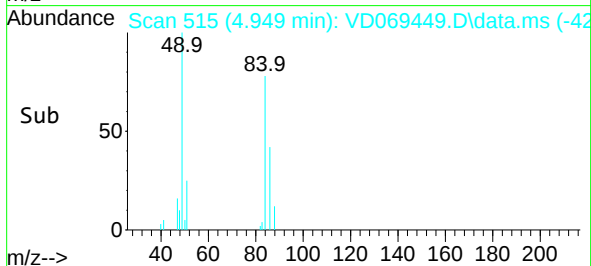
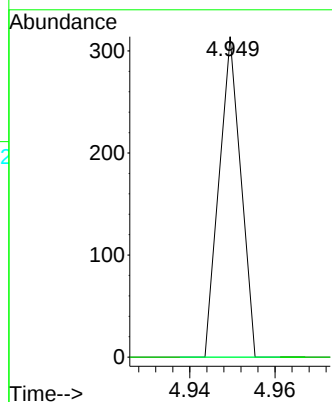


#18
Methyl Acetate
Concen: Below Cal
RT: 4.949 min Scan# 515
Delta R.T. 0.234 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampleId :

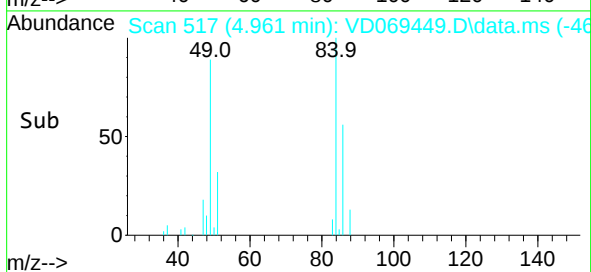
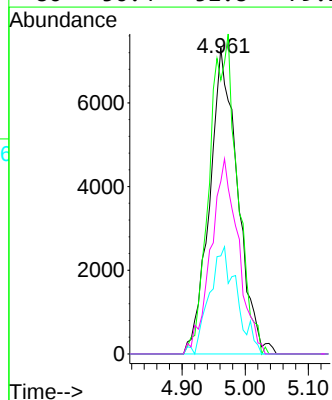
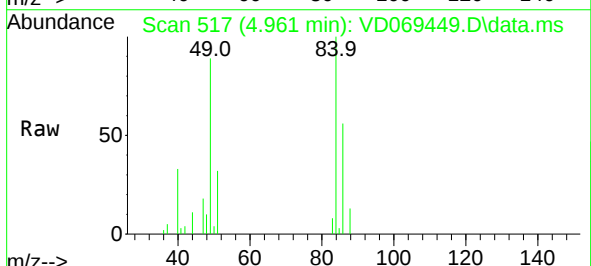


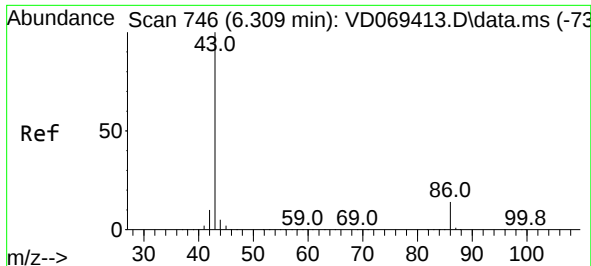
Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 84 Resp: 22543
Ion Ratio Lower Upper
84 100
49 89.5 83.7 125.5
51 32.1 26.4 39.6
86 56.4 52.8 79.2

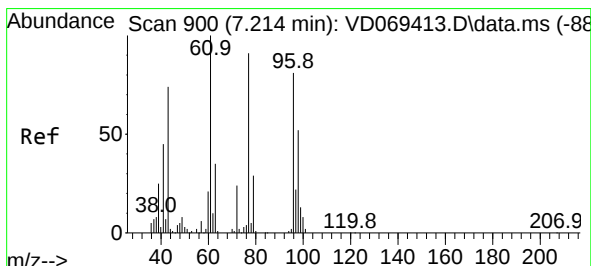
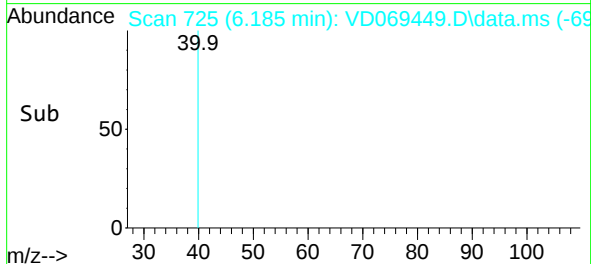
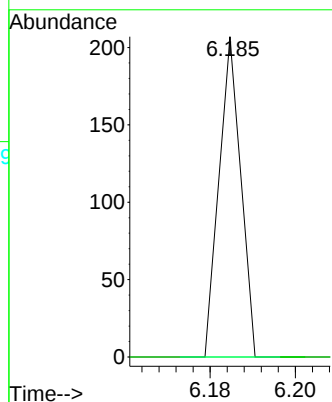
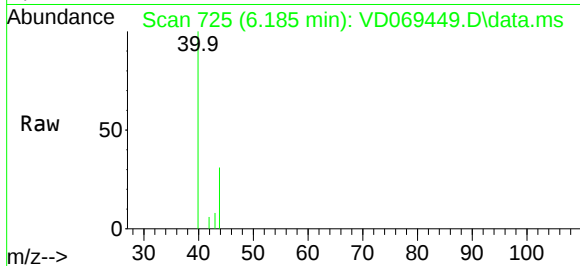




#23
 Vinyl Acetate
 Concen: 17.592 ug/l
 RT: 6.185 min Scan# 725
 Delta R.T. -0.124 min
 Lab File: VD069449.D
 Acq: 15 Jun 2021 19:33

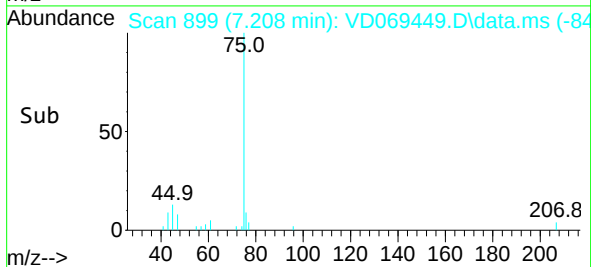
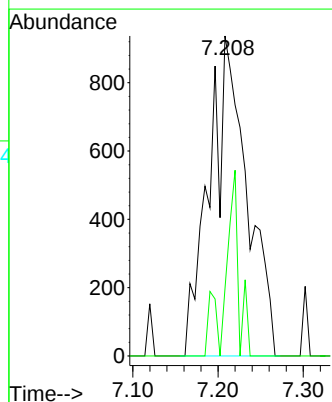
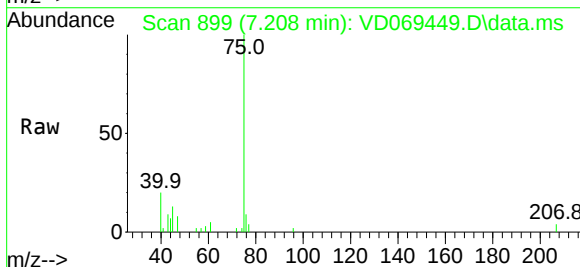
Instrument :
 MSVOA_D
 ClientSampleId :

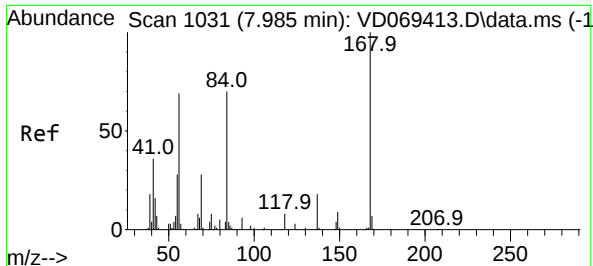
Tgt Ion: 43 Resp: 73
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#25
 2-Butanone
 Concen: 4.395 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD069449.D
 Acq: 15 Jun 2021 19:33

Tgt Ion: 43 Resp: 2882
 Ion Ratio Lower Upper
 43 100
 72 21.1 23.9 35.9#

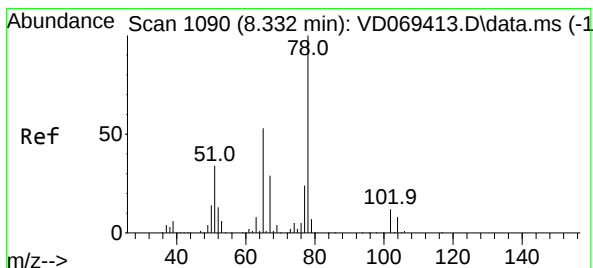
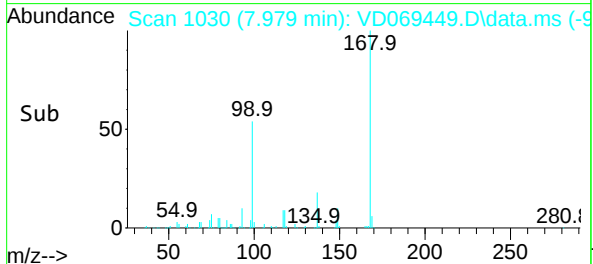
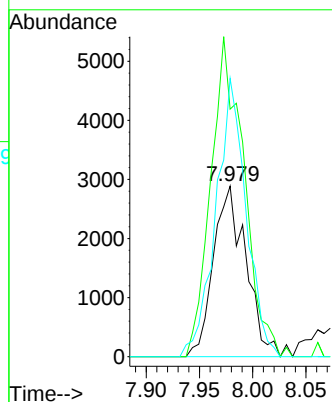
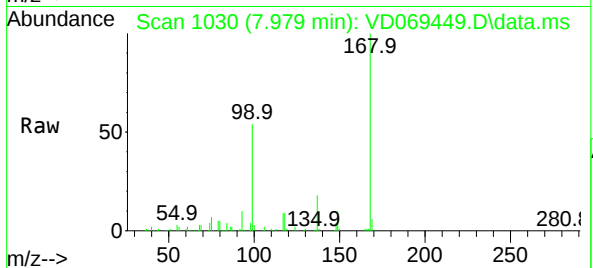




#31
Cyclohexane
Concen: 1.415 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

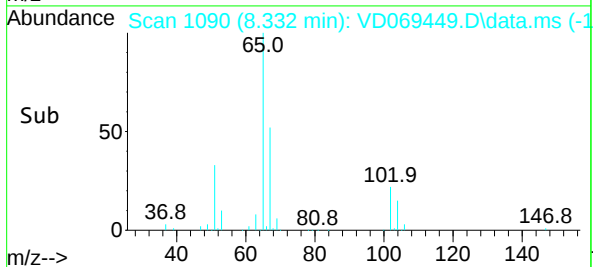
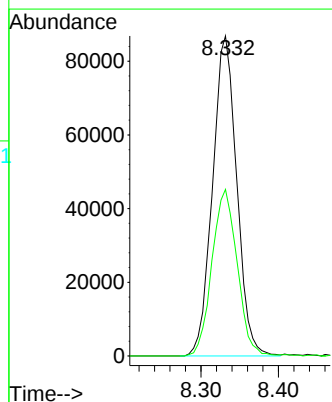
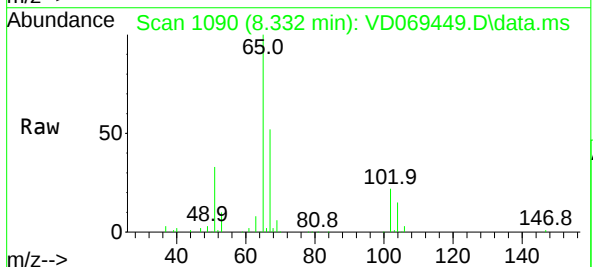
Instrument :
MSVOA_D
ClientSampleId :

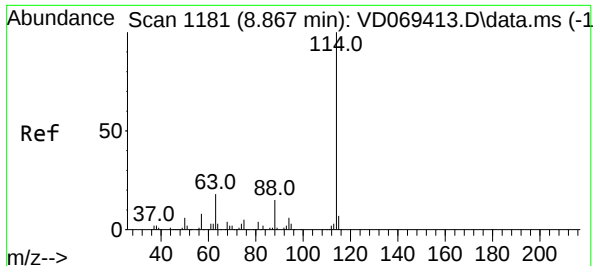
Tgt Ion: 56 Resp: 6110
Ion Ratio Lower Upper
56 100
69 145.1 29.0 43.4#
84 163.2 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 59.237 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 65 Resp: 188205
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.8



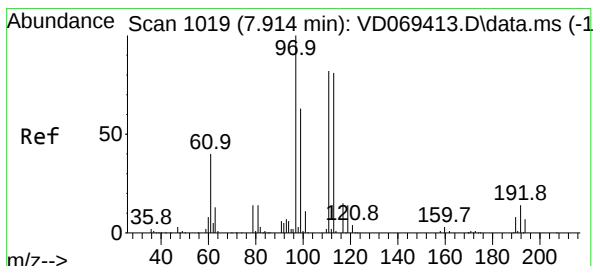
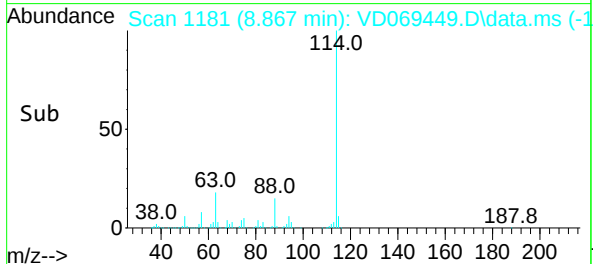
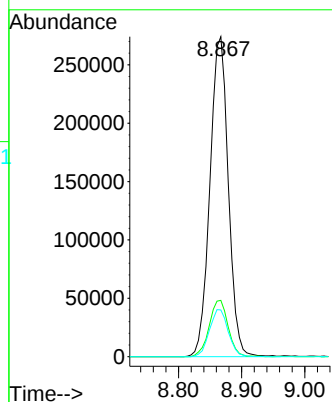
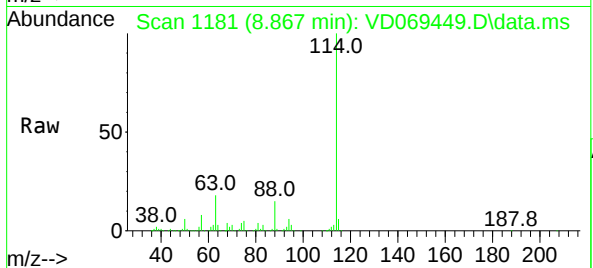


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampled :

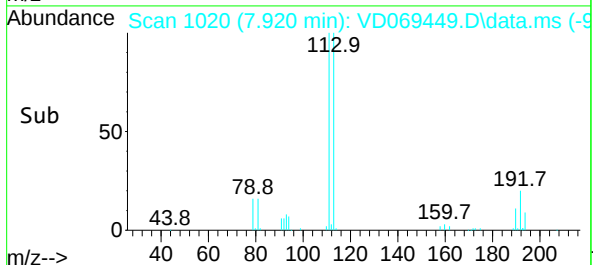
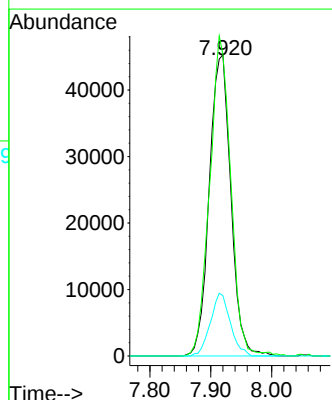
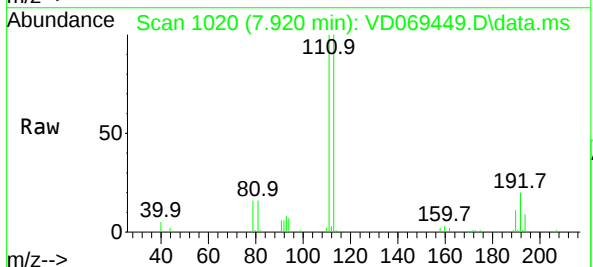
Tgt Ion:	114	Resp:	554543
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.6
88	14.6	0.0	31.2

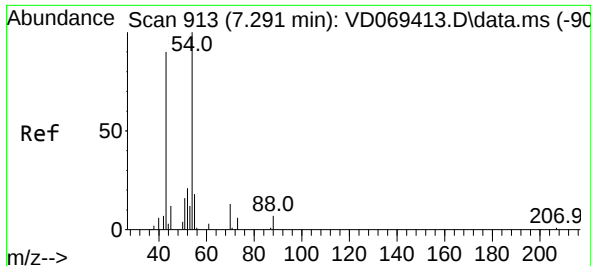


#35

Dibromofluoromethane
Concen: 26.848 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion:	113	Resp:	111513
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.0	124.6
192	19.3	15.1	22.7





#37

Ethyl Acetate

Concen: 1.492 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.083 min

Lab File: VD069449.D

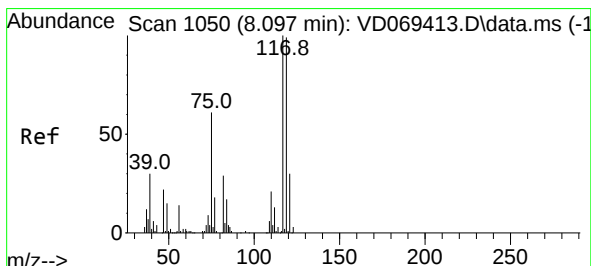
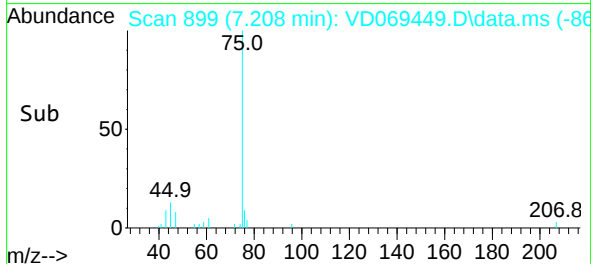
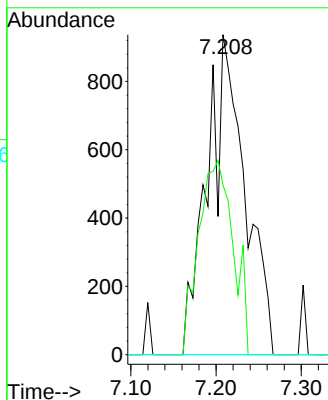
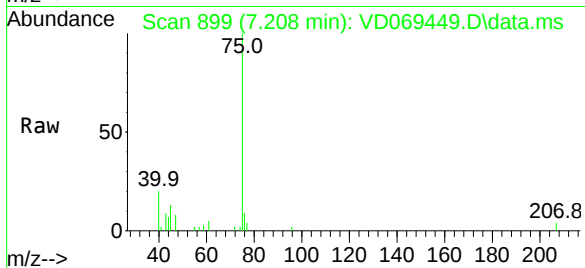
Acq: 15 Jun 2021 19:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	2882
Ion	Ratio	Lower	Upper
43	100		
61	55.7	11.0	16.6#
70	0.0	9.7	14.5#



#38

Carbon Tetrachloride

Concen: 4.527 ug/l

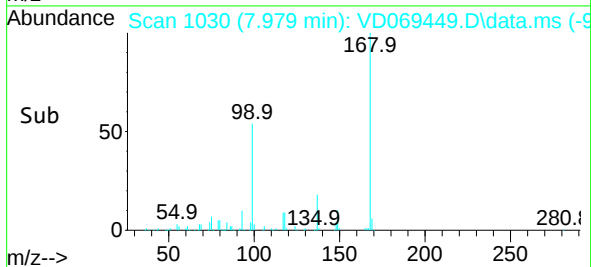
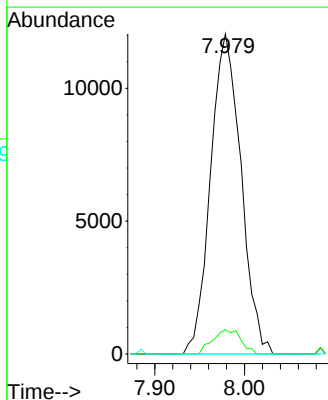
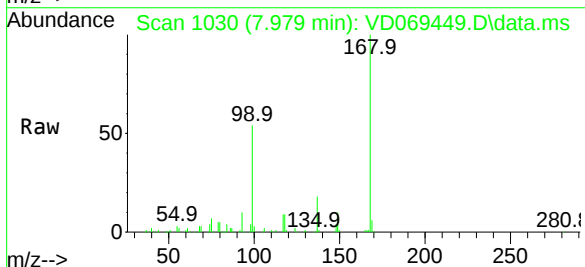
RT: 7.979 min Scan# 1030

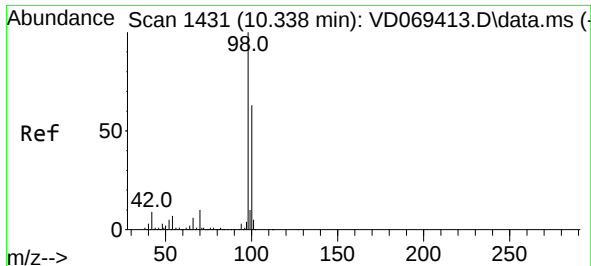
Delta R.T. -0.118 min

Lab File: VD069449.D

Acq: 15 Jun 2021 19:33

Tgt Ion:	117	Resp:	28319
Ion	Ratio	Lower	Upper
117	100		
119	7.6	79.4	119.2#
121	0.0	26.1	39.1#

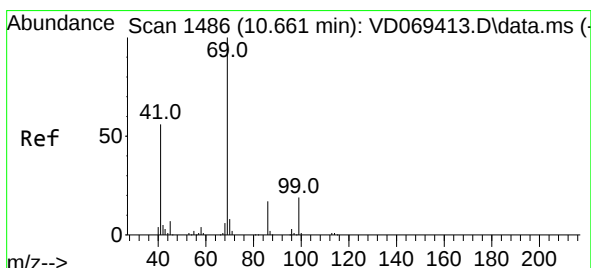
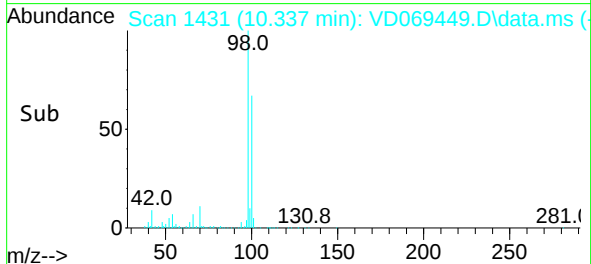
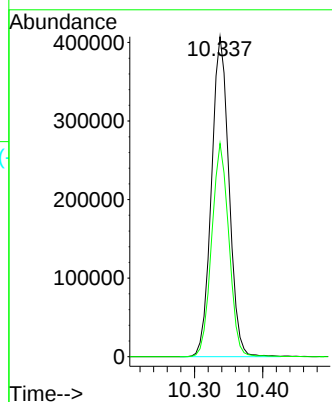
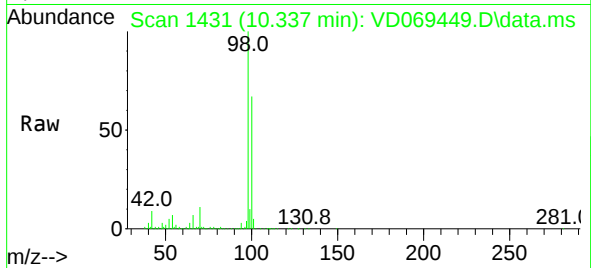




#50
Toluene-d8
Concen: 47.948 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

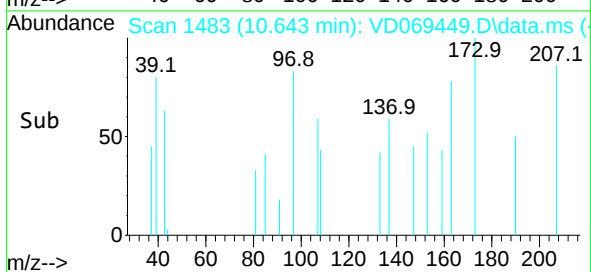
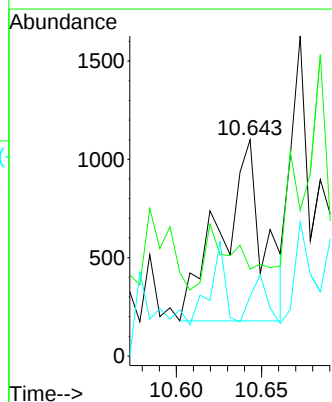
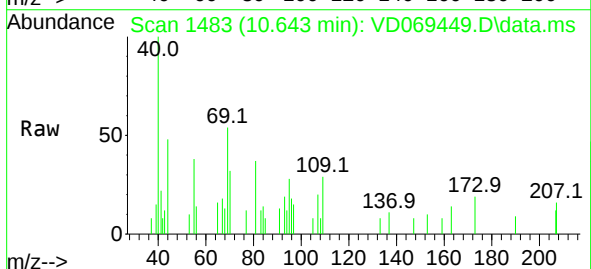
Instrument :
MSVOA_D
ClientSampled :

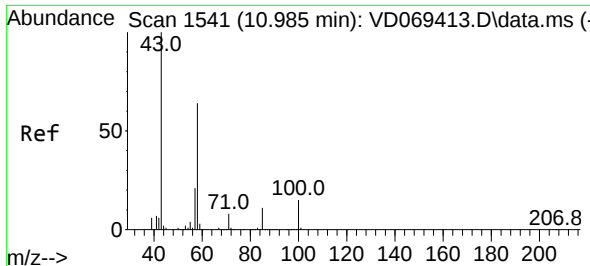
Tgt Ion: 98 Resp: 728403
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#56
Ethyl methacrylate
Concen: 3.230 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.018 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 69 Resp: 1600
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 20.9 21.7 32.5#

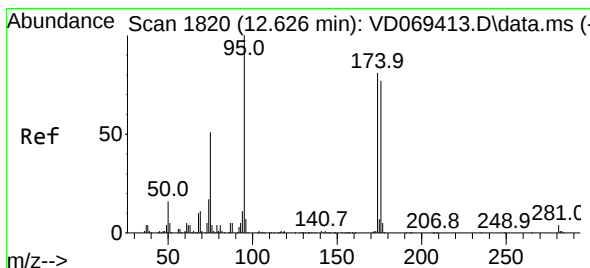
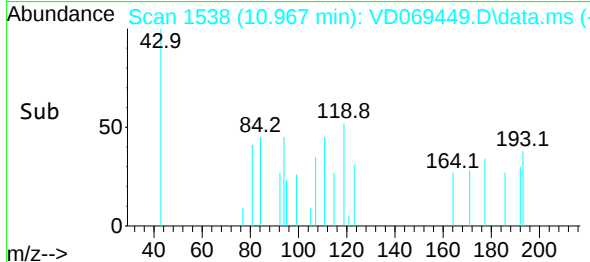
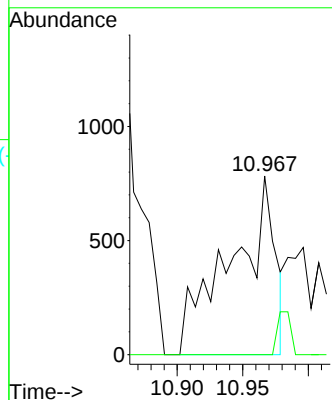
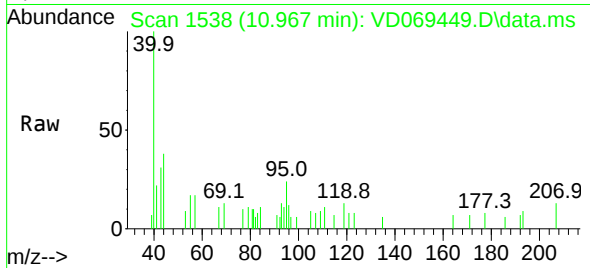




#59
2-Hexanone
Concen: 1.476 ug/l
RT: 10.967 min Scan# 1538
Delta R.T. -0.018 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

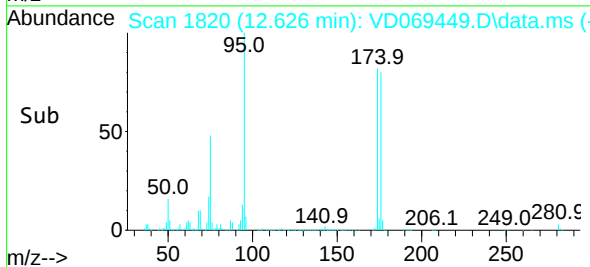
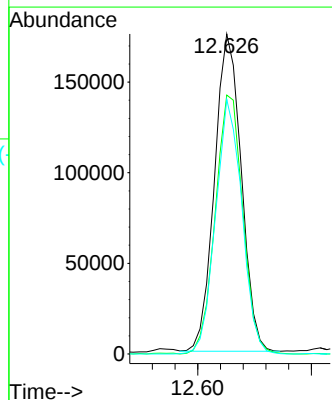
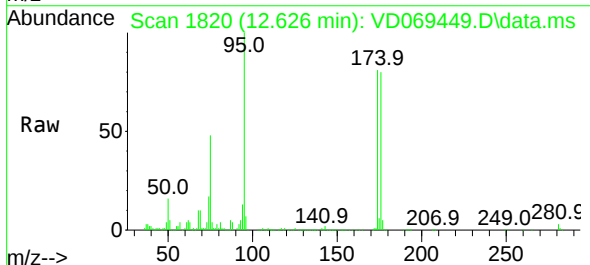
Instrument :
MSVOA_D
ClientSampled :

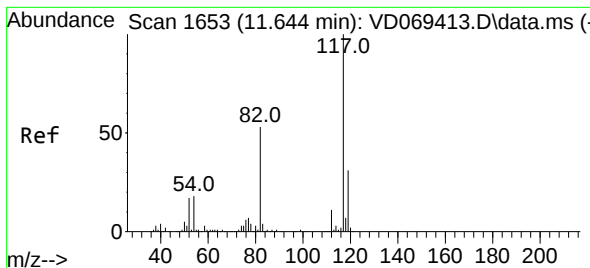
Tgt Ion: 43 Resp: 1836
Ion Ratio Lower Upper
43 100
58 7.2 30.8 92.3#



#62
4-Bromofluorobenzene
Concen: 58.690 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 95 Resp: 286078
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.8
176 79.1 0.0 154.4

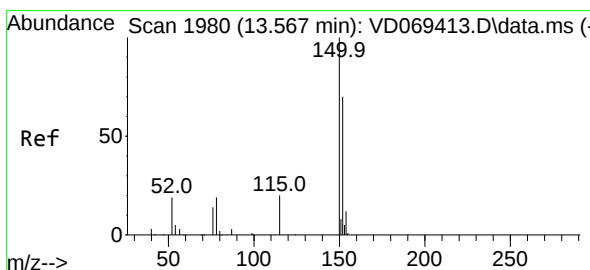
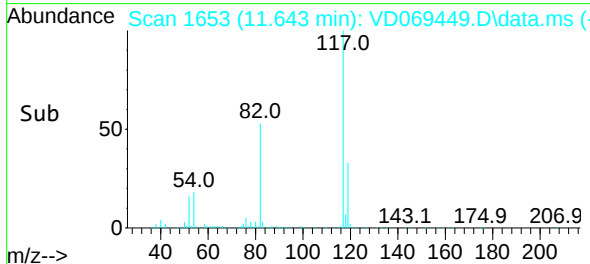
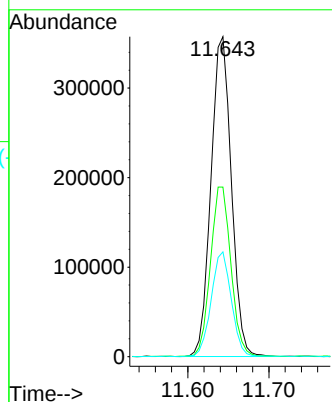
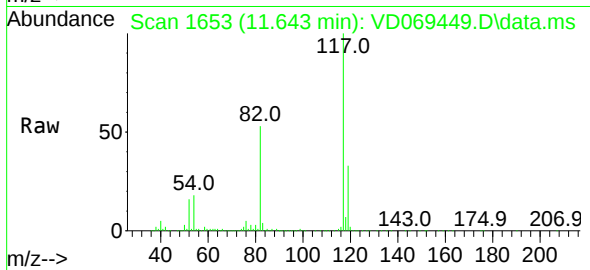




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

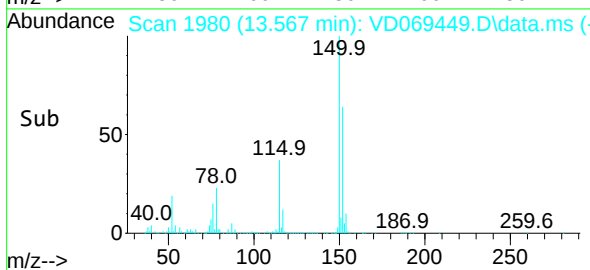
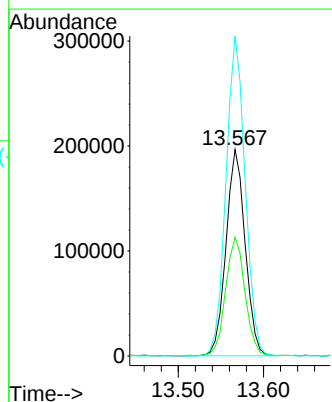
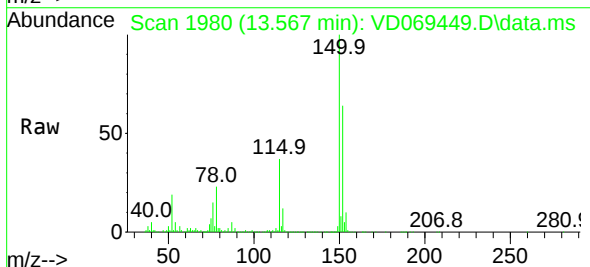
Instrument :
MSVOA_D
ClientSampleId :

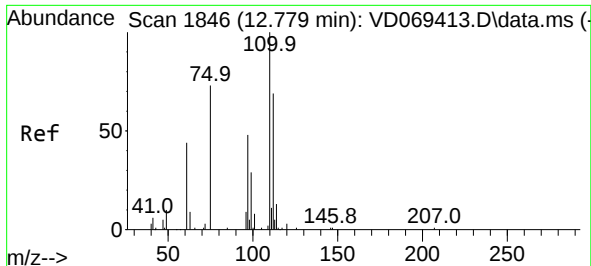
Tgt Ion:117 Resp: 623284
Ion Ratio Lower Upper
117 100
82 52.9 43.3 64.9
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion:152 Resp: 306884
Ion Ratio Lower Upper
152 100
115 58.0 29.4 88.3
150 155.3 0.0 355.0

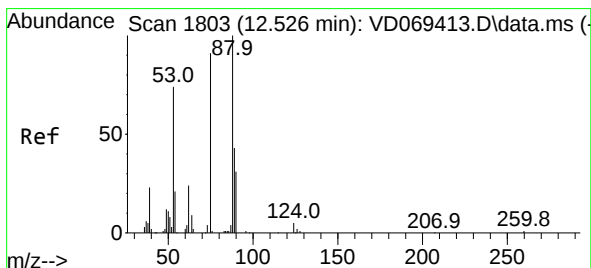
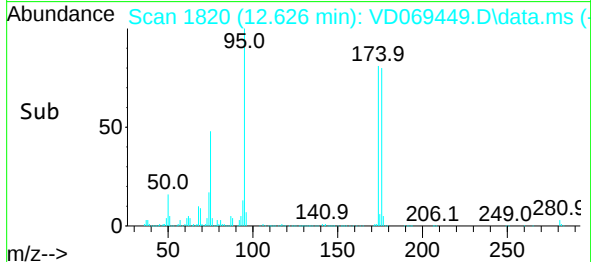
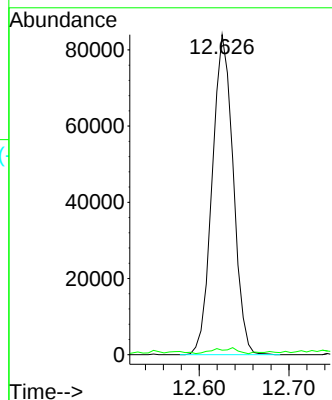
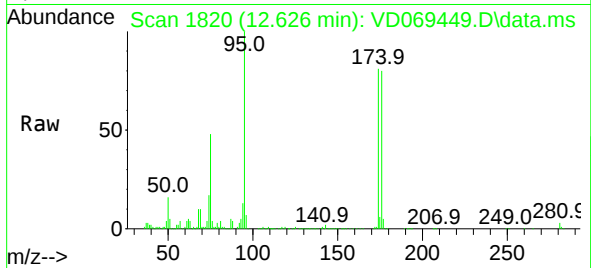




#76
1,2,3-Trichloropropane
Concen: 43.851 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

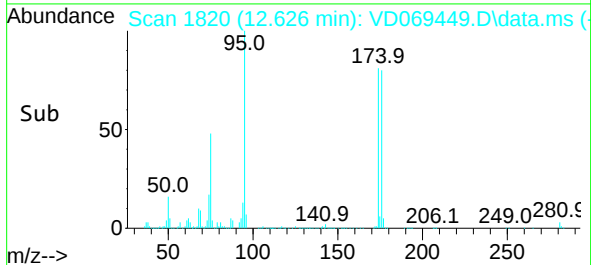
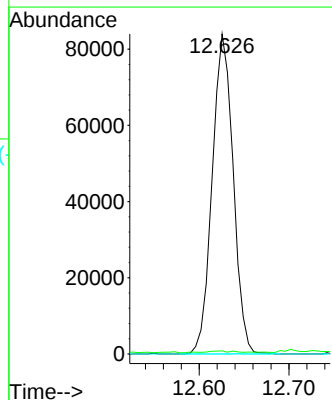
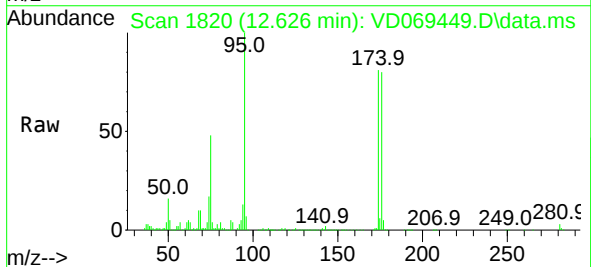
Instrument :
MSVOA_D
ClientSampled :

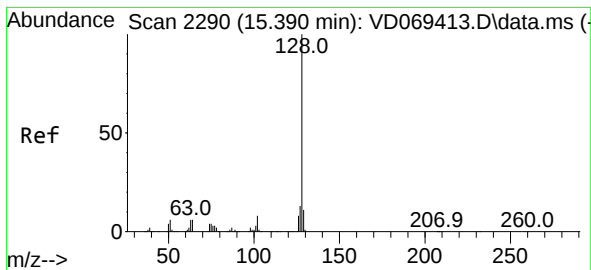
Tgt Ion: 75 Resp: 136434
Ion Ratio Lower Upper
75 100
77 2.0 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.984 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Tgt Ion: 75 Resp: 136434
Ion Ratio Lower Upper
75 100
53 0.6 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.780 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069449.D
Acq: 15 Jun 2021 19:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 2395
Ion Ratio Lower Upper
128 100
127 7.7 10.4 15.6#
129 20.6 8.8 13.2#

