

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069484.D
 Acq On : 17 Jun 2021 17:15
 Operator : VA/SY
 Sample : M2746-02
 Misc : 13.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 18 01:27:56 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)

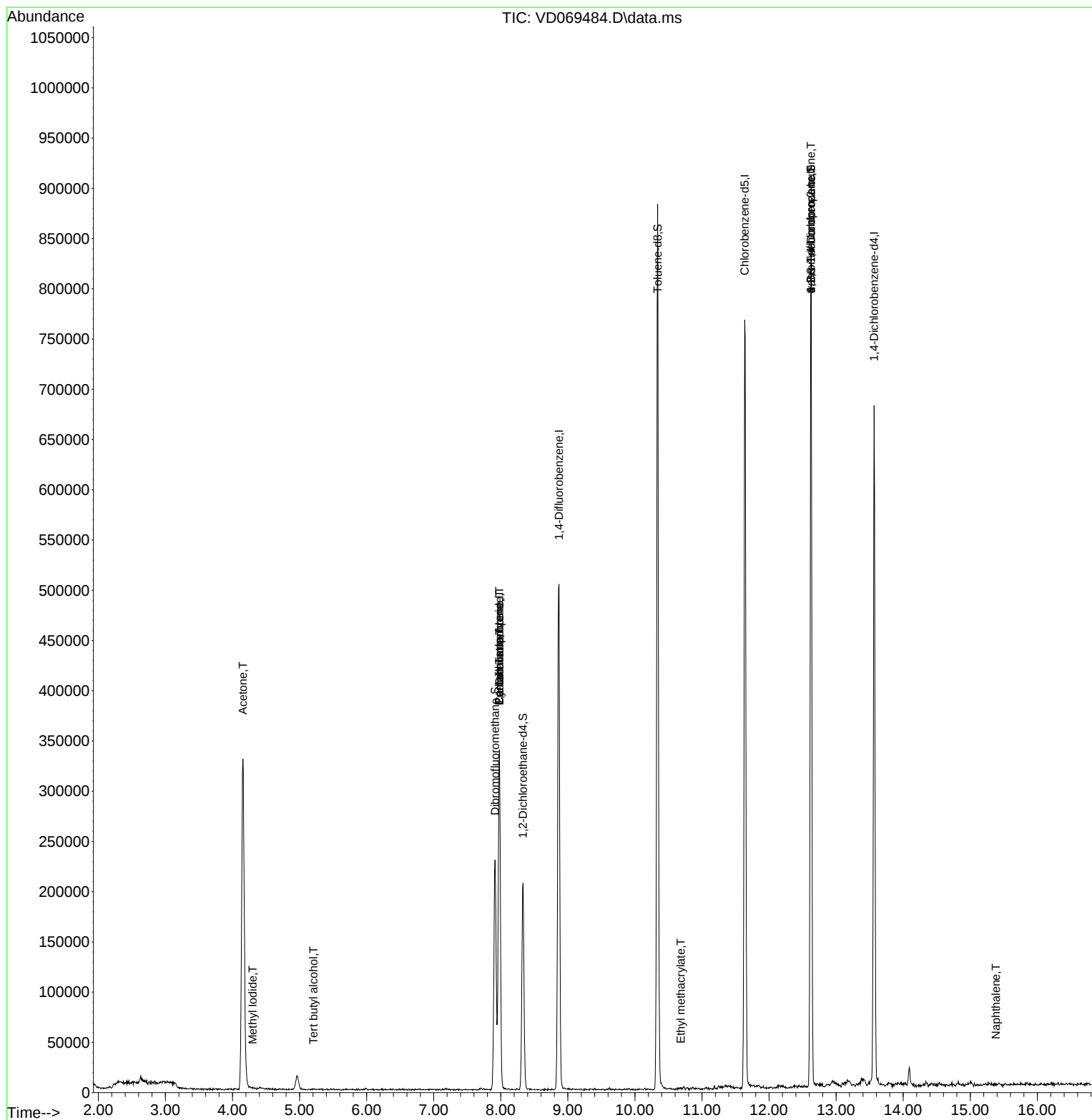
Internal Standards						
1) Pentafluorobenzene	7.979	168	249939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	458029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	479429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	181412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	164156	58.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.440%
35) Dibromofluoromethane	7.914	113	171254	49.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.338	98	597489	47.618	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.626	95	194748	48.372	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.740%
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	249	Below Cal	#	5
10) Methyl Iodide	4.303	142	180	3.390	ug/l #	39
11) Tert butyl alcohol	5.208	59	188	1.282	ug/l #	73
16) Acetone	4.156	43	565520	1211.673	ug/l	95
18) Methyl Acetate	4.691	43	228	Below Cal	#	46
20) Methylene Chloride	4.967	84	11443	Below Cal	#	92
31) Cyclohexane	7.979	56	5380	1.404	ug/l #	5
36) 1,1-Dichloropropene	7.979	75	20025	4.199	ug/l #	46
38) Carbon Tetrachloride	7.979	117	25235	4.884	ug/l #	15
56) Ethyl methacrylate	10.685	69	149	2.869	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	96773	52.617	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	96773	140.367	ug/l #	18
95) Naphthalene	15.384	128	844	3.696	ug/l #	76

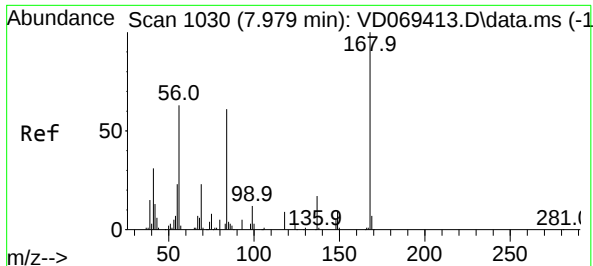
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
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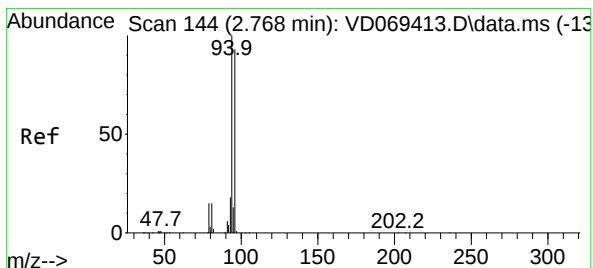
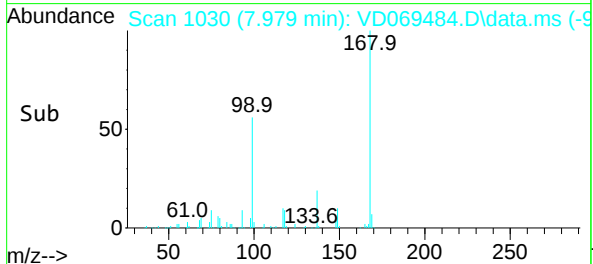
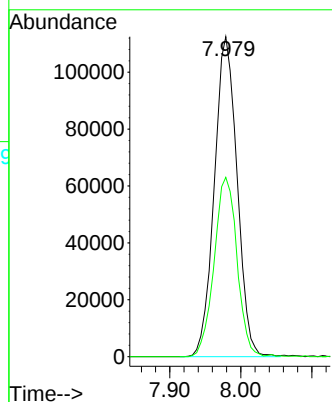
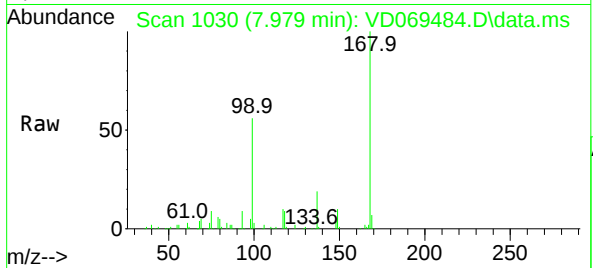




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

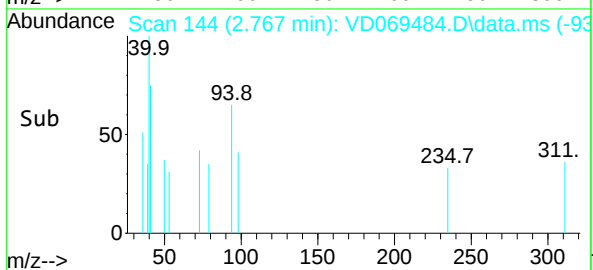
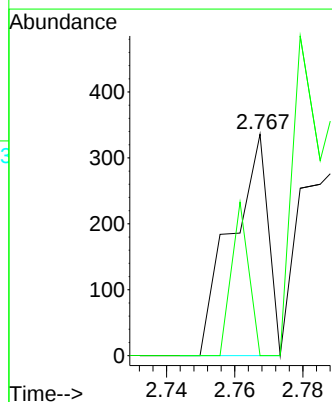
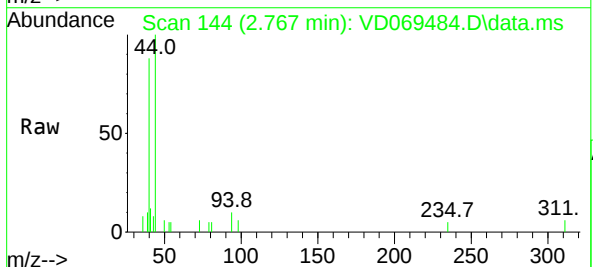
Instrument :
MSVOA_D
ClientSampleId :

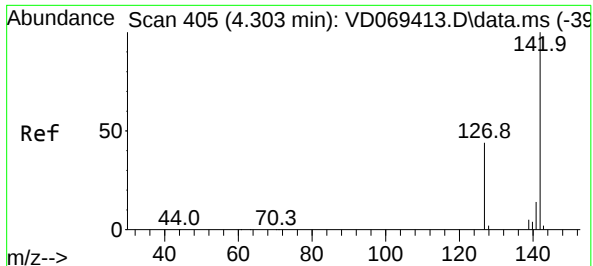
Tgt Ion:168 Resp: 249939
Ion Ratio Lower Upper
168 100
99 56.0 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

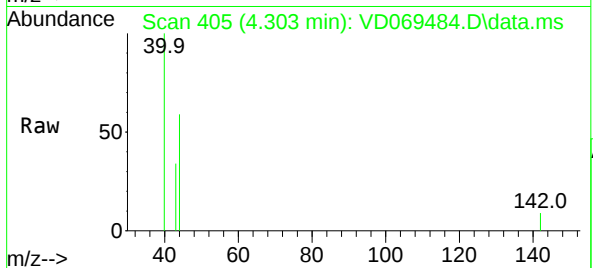
Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 0.0 70.3 105.5#



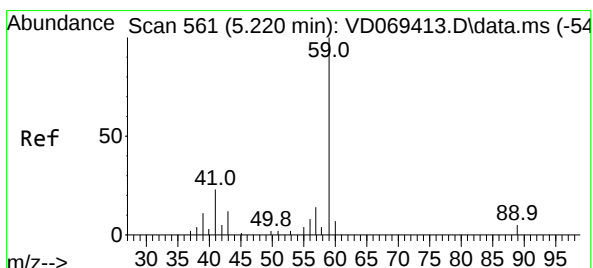
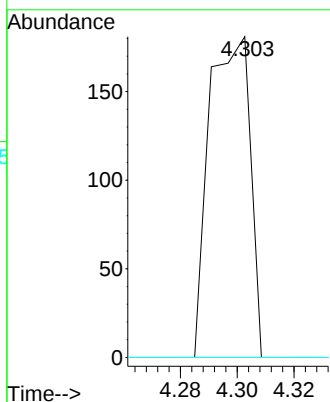
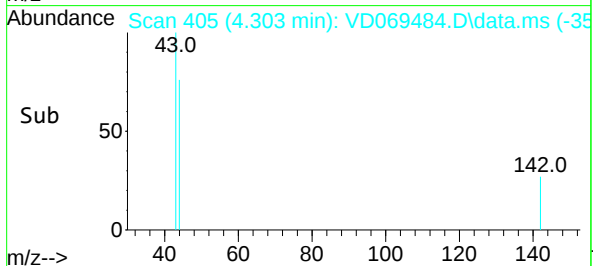


#10
Methyl Iodide
Concen: 3.390 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

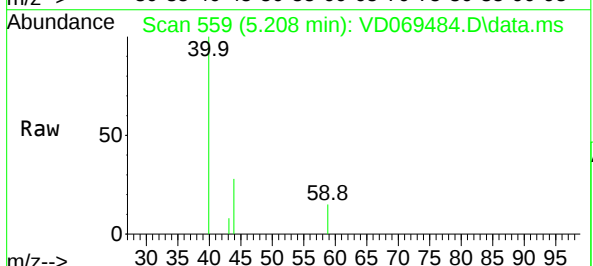
Instrument :
MSVOA_D
ClientSampled :



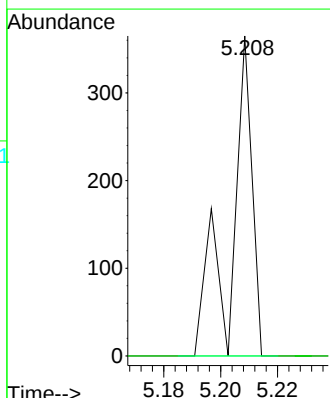
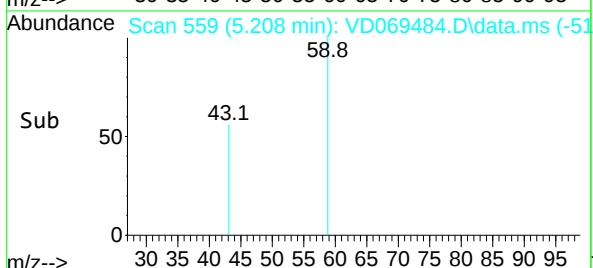
Tgt Ion:142 Resp: 180
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

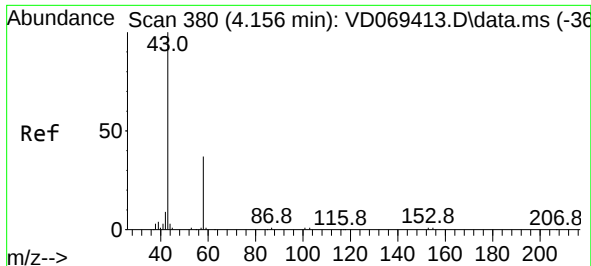


#11
Tert butyl alcohol
Concen: 1.282 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15



Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

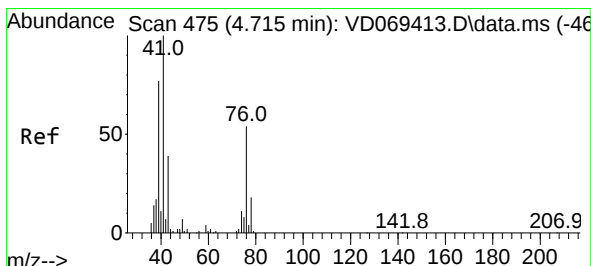
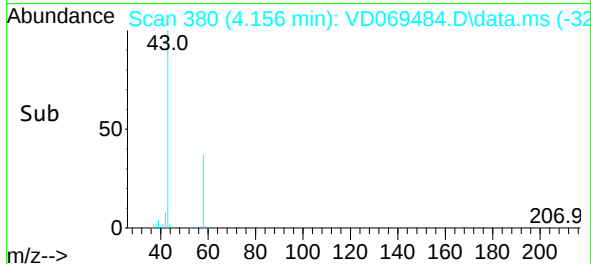
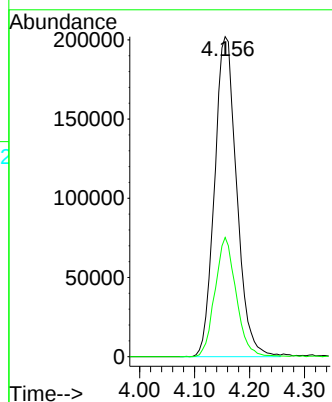
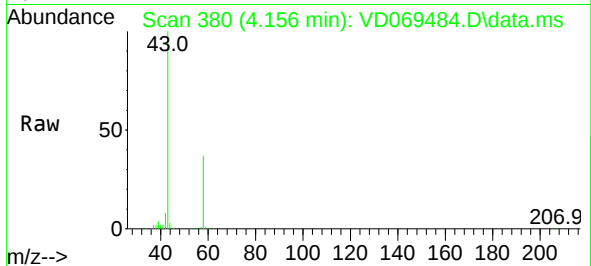




#16
Acetone
Concen: 1211.673 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

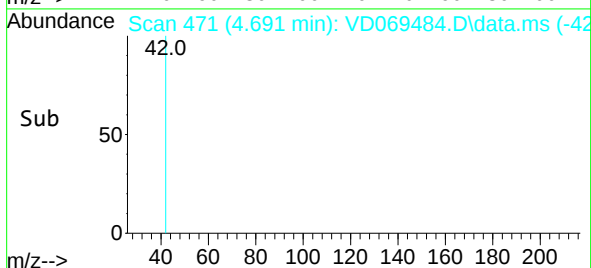
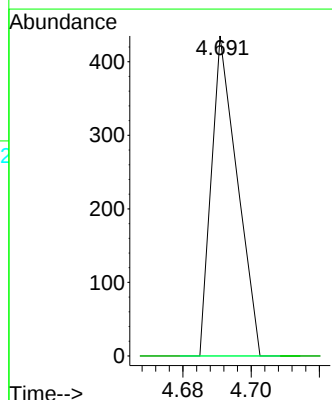
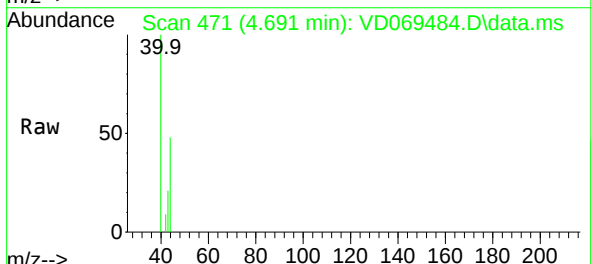
Instrument :
MSVOA_D
ClientSampled :

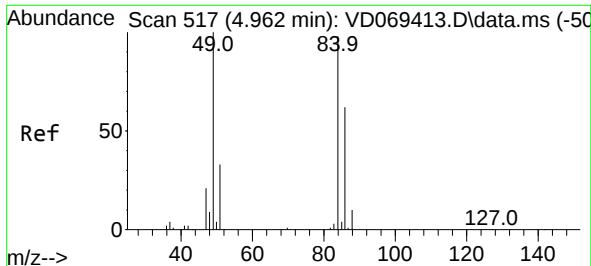
Tgt Ion: 43 Resp: 565520
Ion Ratio Lower Upper
43 100
58 37.2 27.5 41.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.691 min Scan# 471
Delta R.T. -0.024 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

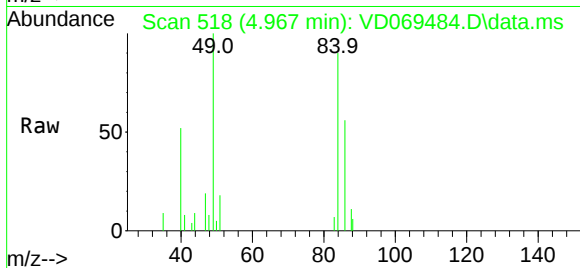
Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



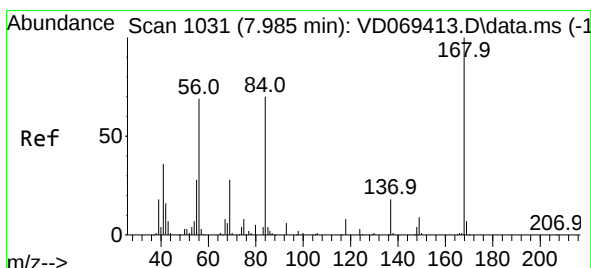
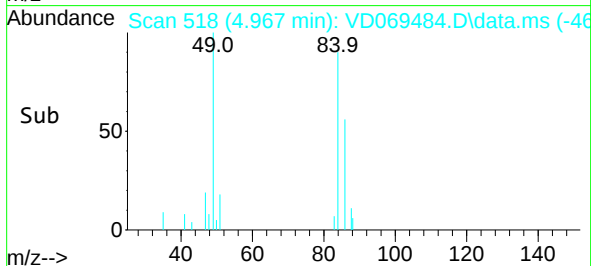
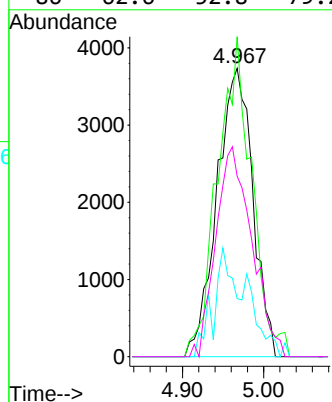


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

Instrument :
MSVOA_D
ClientSampled :

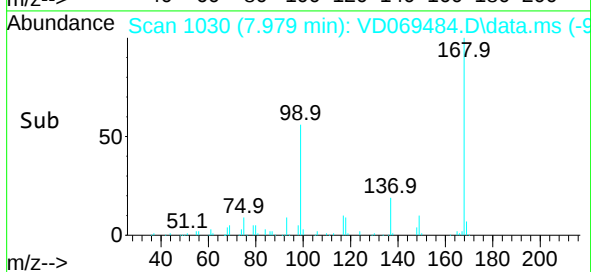
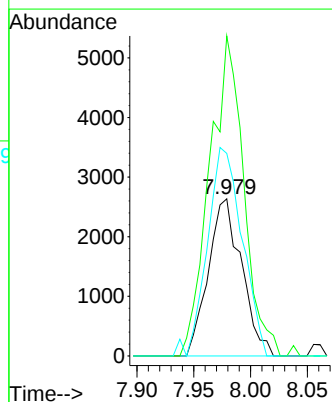
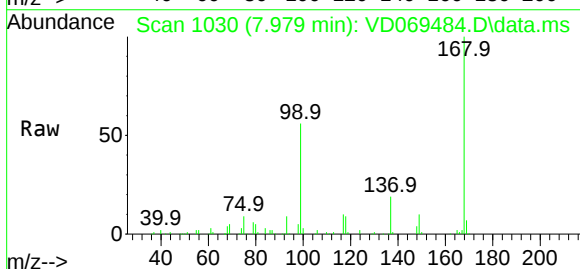


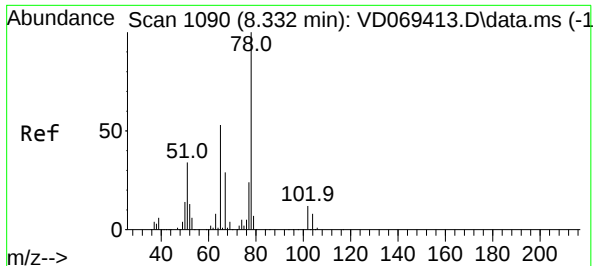
Tgt Ion:	84	Resp:	11443
Ion	Ratio	Lower	Upper
84	100		
49	111.0	83.7	125.5
51	20.1	26.4	39.6#
86	62.6	52.8	79.2



#31
Cyclohexane
Concen: 1.404 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

Tgt Ion:	56	Resp:	5380
Ion	Ratio	Lower	Upper
56	100		
69	203.6	29.0	43.4#
84	128.8	81.1	121.7#



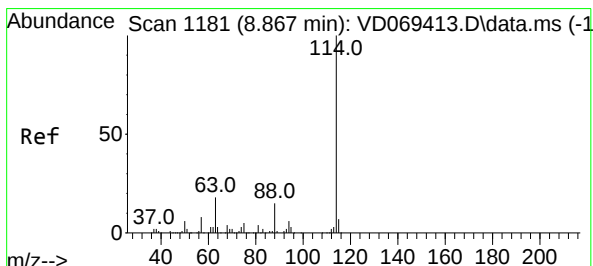
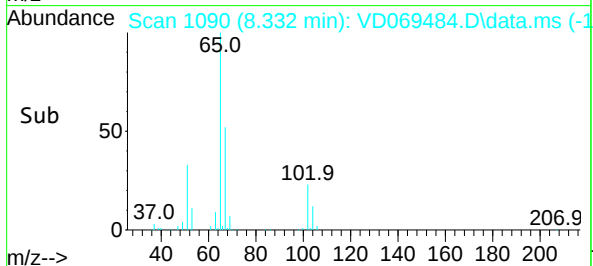
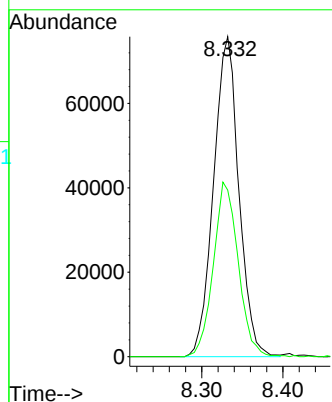
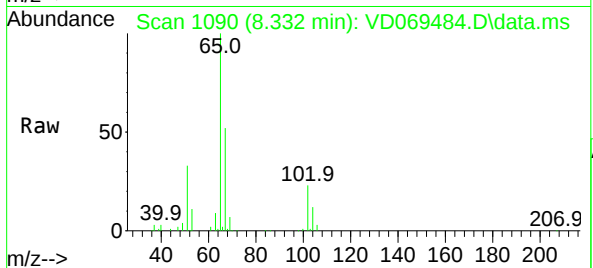


#33

1,2-Dichloroethane-d4
Concen: 58.217 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

Instrument :
MSVOA_D
ClientSampleId :

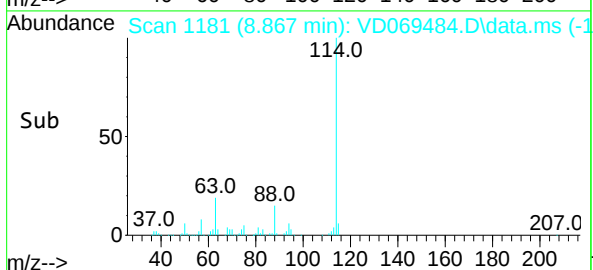
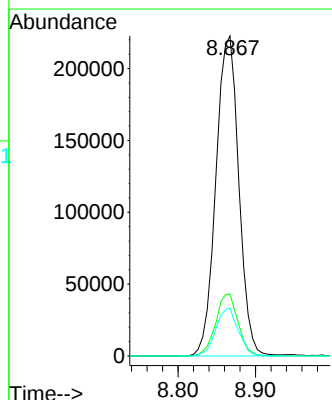
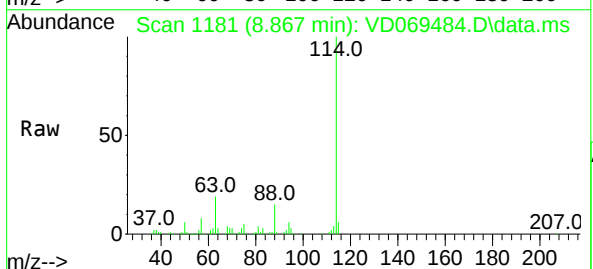
Tgt Ion: 65 Resp: 164156
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8

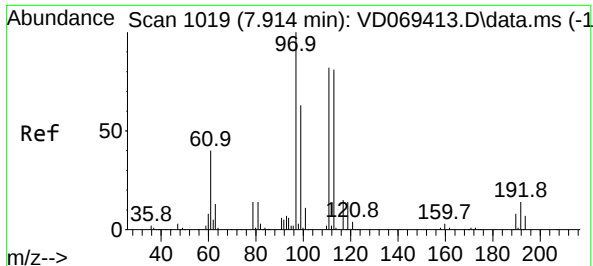


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

Tgt Ion:114 Resp: 458029
Ion Ratio Lower Upper
114 100
63 19.4 0.0 35.6
88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.919 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069484.D

Acq: 17 Jun 2021 17:15

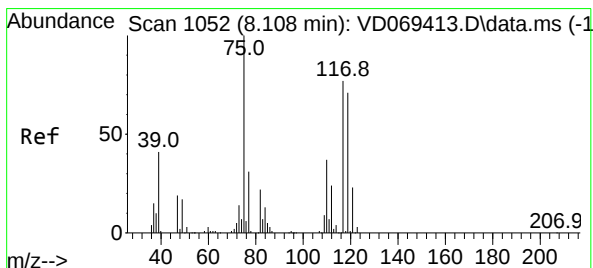
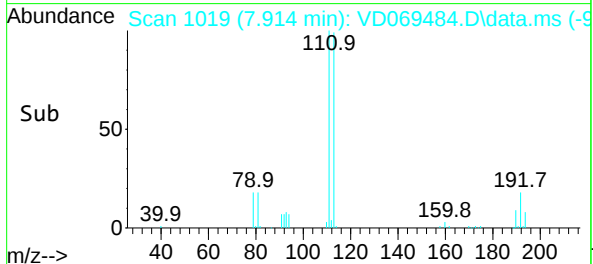
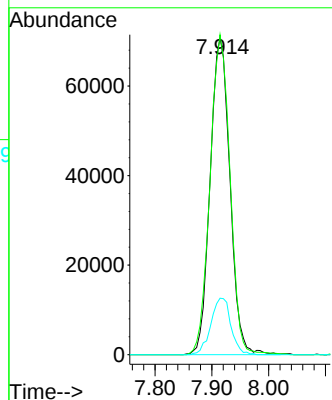
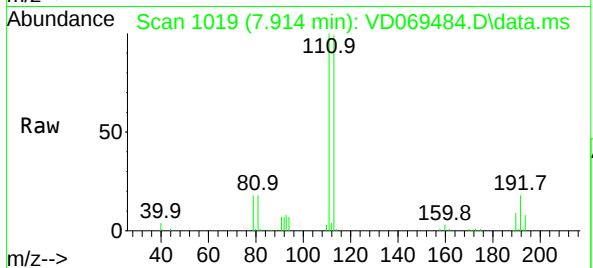
Tgt Ion:113 Resp: 171254

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

192 18.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.199 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD069484.D

Acq: 17 Jun 2021 17:15

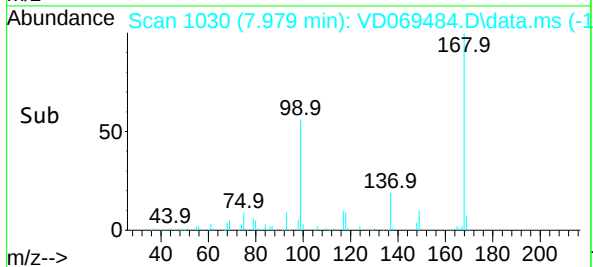
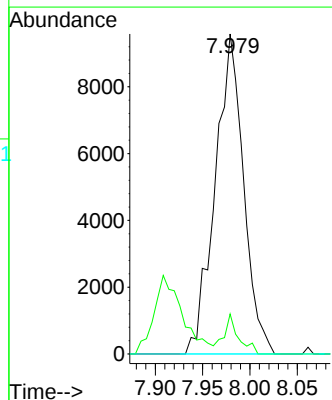
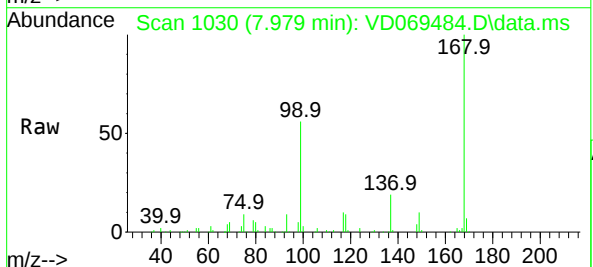
Tgt Ion: 75 Resp: 20025

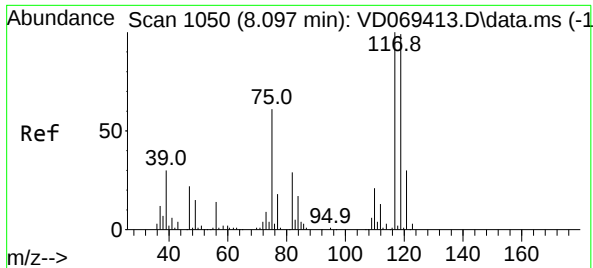
Ion Ratio Lower Upper

75 100

110 6.4 18.4 55.2#

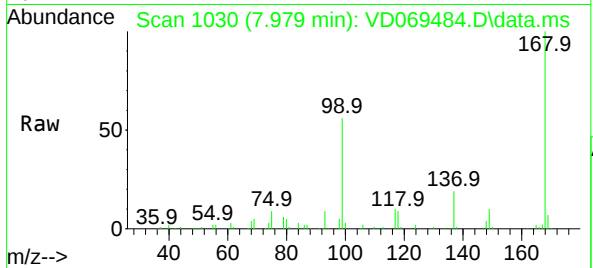
77 0.0 24.9 37.3#



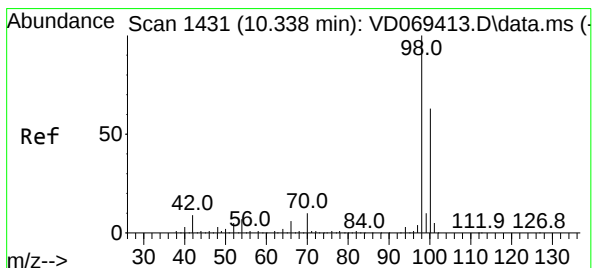
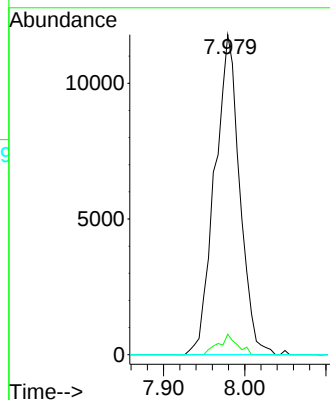
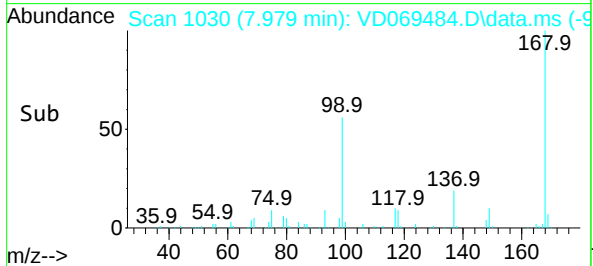


#38
Carbon Tetrachloride
Concen: 4.884 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

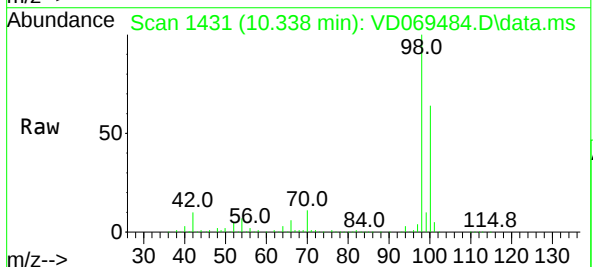
Instrument :
MSVOA_D
ClientSampled :



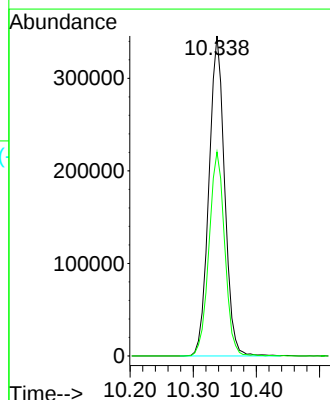
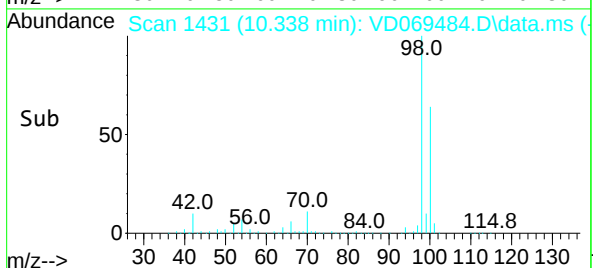
Tgt Ion:117 Resp: 25235
Ion Ratio Lower Upper
117 100
119 6.4 79.4 119.2#
121 0.0 26.1 39.1#

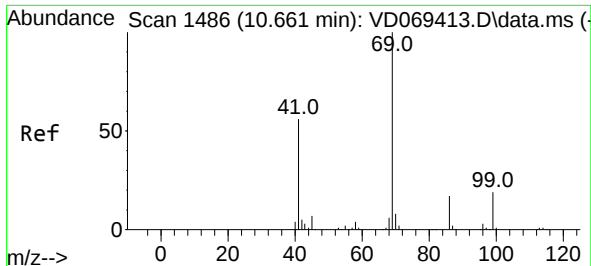


#50
Toluene-d8
Concen: 47.618 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15



Tgt Ion: 98 Resp: 597489
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

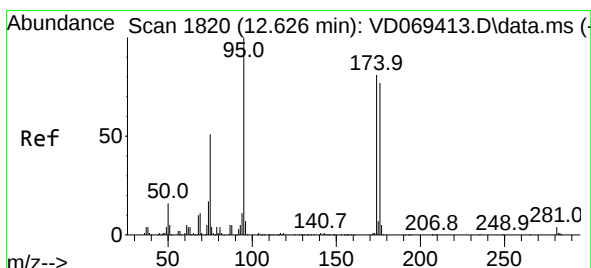
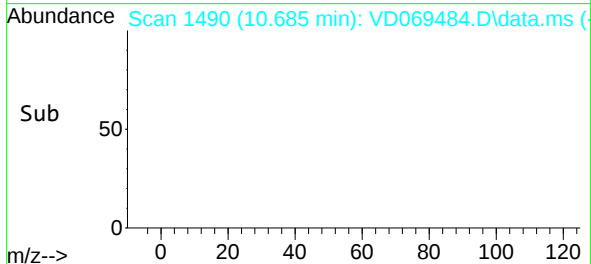
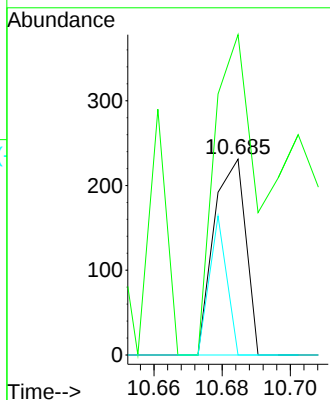
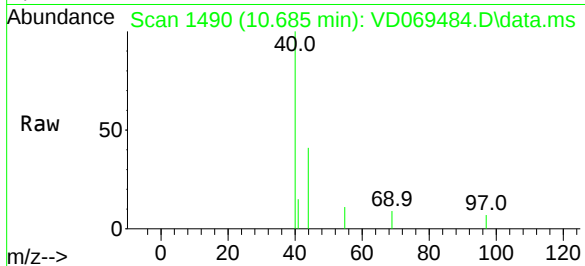




#56
Ethyl methacrylate
Concen: 2.869 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.024 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

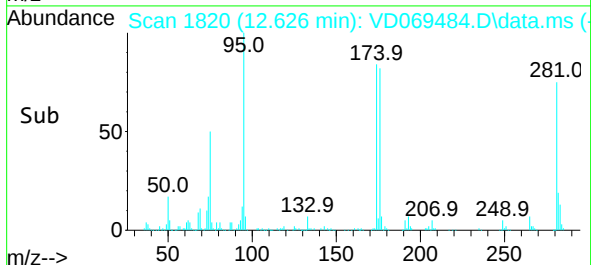
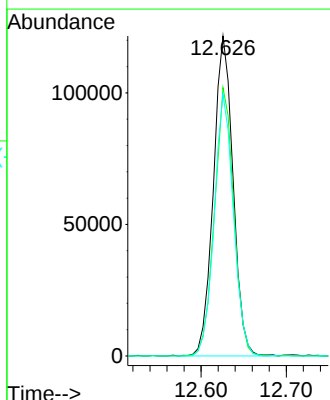
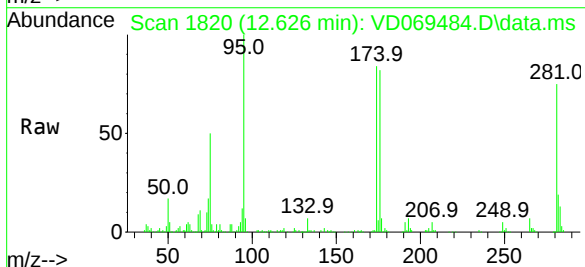
Instrument :
MSVOA_D
ClientSampled :

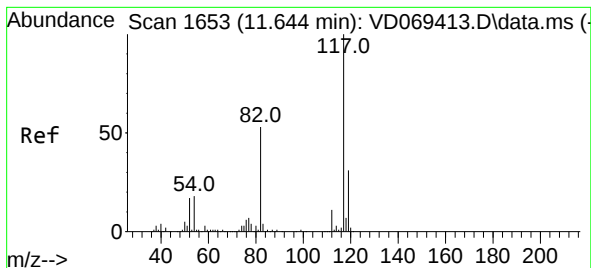
Tgt Ion: 69 Resp: 149
Ion Ratio Lower Upper
69 100
41 251.7 45.4 68.2#
39 38.9 21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 48.372 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

Tgt Ion: 95 Resp: 194748
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.8
176 80.0 0.0 154.4

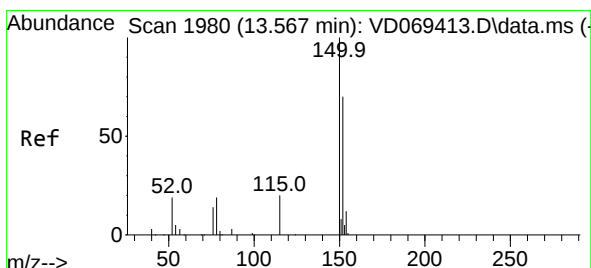
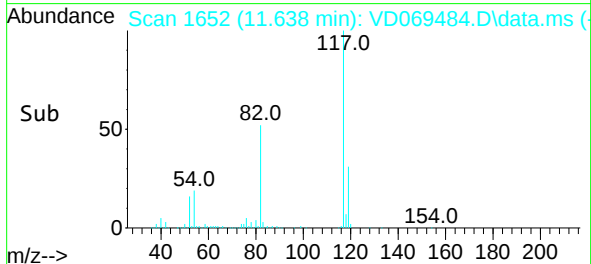
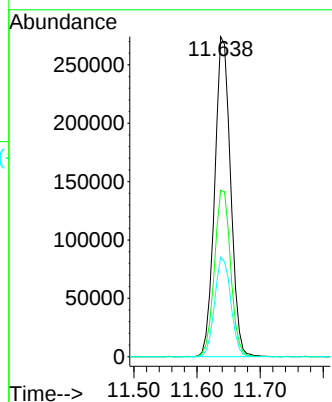
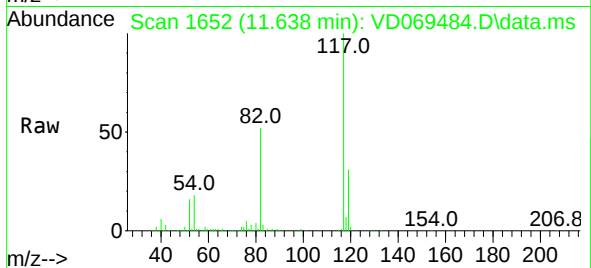




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

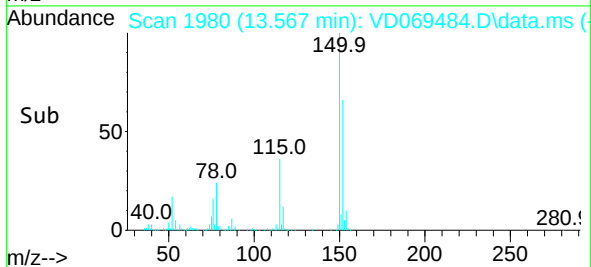
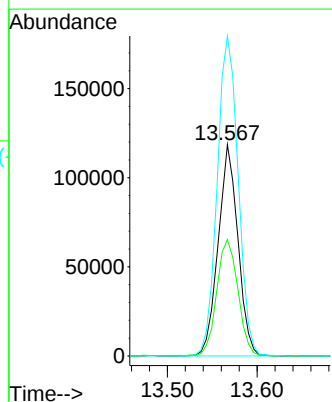
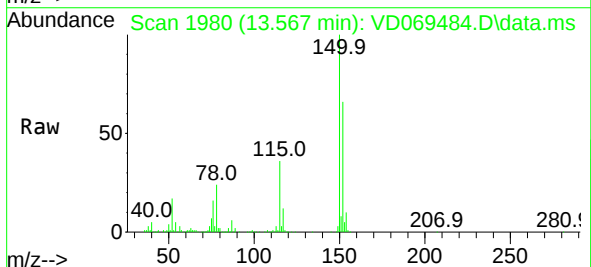
Instrument :
MSVOA_D
ClientSampleId :

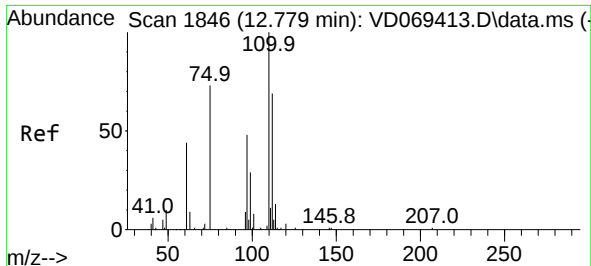
Tgt Ion:117 Resp: 479429
Ion Ratio Lower Upper
117 100
82 52.0 43.3 64.9
119 31.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

Tgt Ion:152 Resp: 181412
Ion Ratio Lower Upper
152 100
115 59.1 29.4 88.3
150 160.3 0.0 355.0

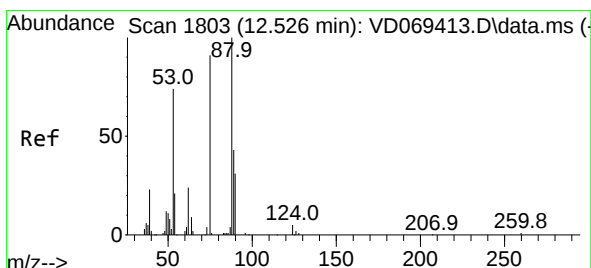
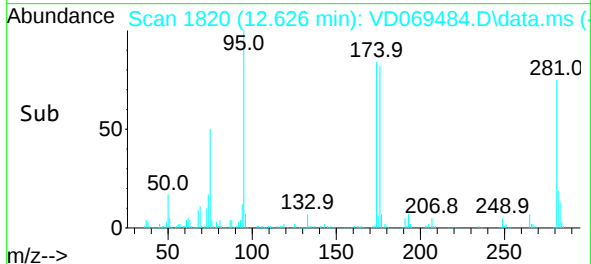
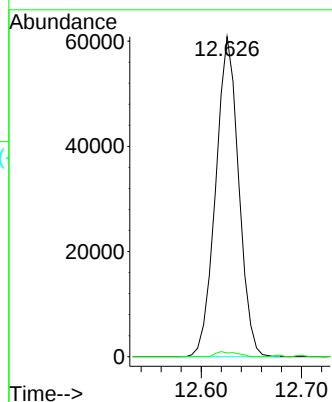
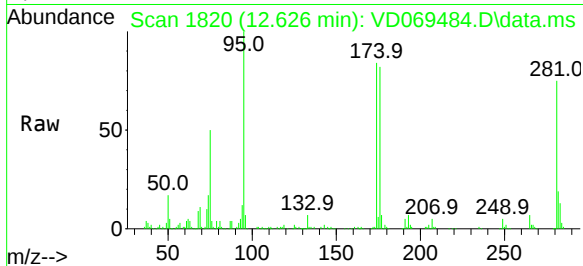




#76
1,2,3-Trichloropropane
Concen: 52.617 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

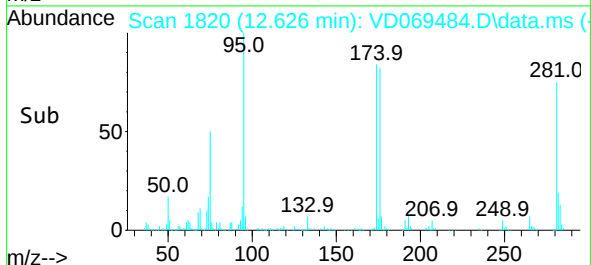
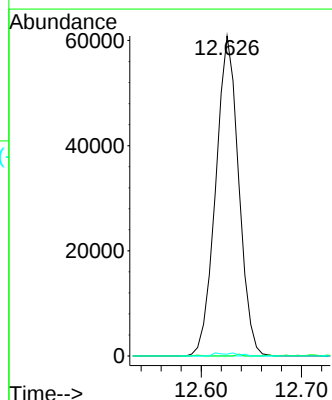
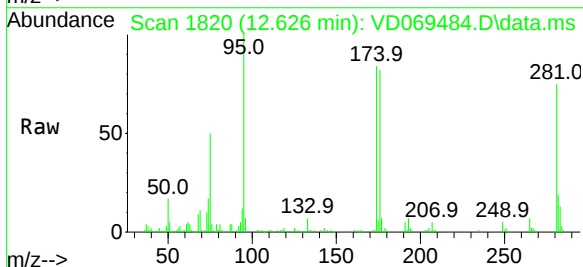
Instrument :
MSVOA_D
ClientSampleId :

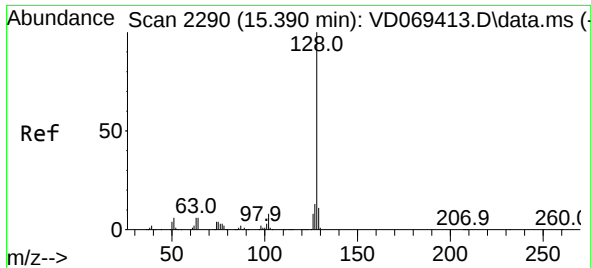
Tgt Ion: 75 Resp: 96773
Ion Ratio Lower Upper
75 100
77 1.4 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.367 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

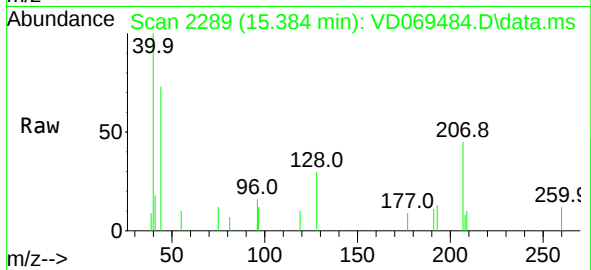
Tgt Ion: 75 Resp: 96773
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.696 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069484.D
Acq: 17 Jun 2021 17:15

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	16.0	8.8	13.2#

