

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069478.D
 Acq On : 17 Jun 2021 14:24
 Operator : VA/SY
 Sample : M2735-05
 Misc : 7.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 18 01:26:24 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	44196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	75681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	84081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	35748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	36820	73.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.700%
35) Dibromofluoromethane	7.920	113	31086	54.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.680%
50) Toluene-d8	10.338	98	95534	46.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.160%
62) 4-Bromofluorobenzene	12.626	95	33495	50.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.700%

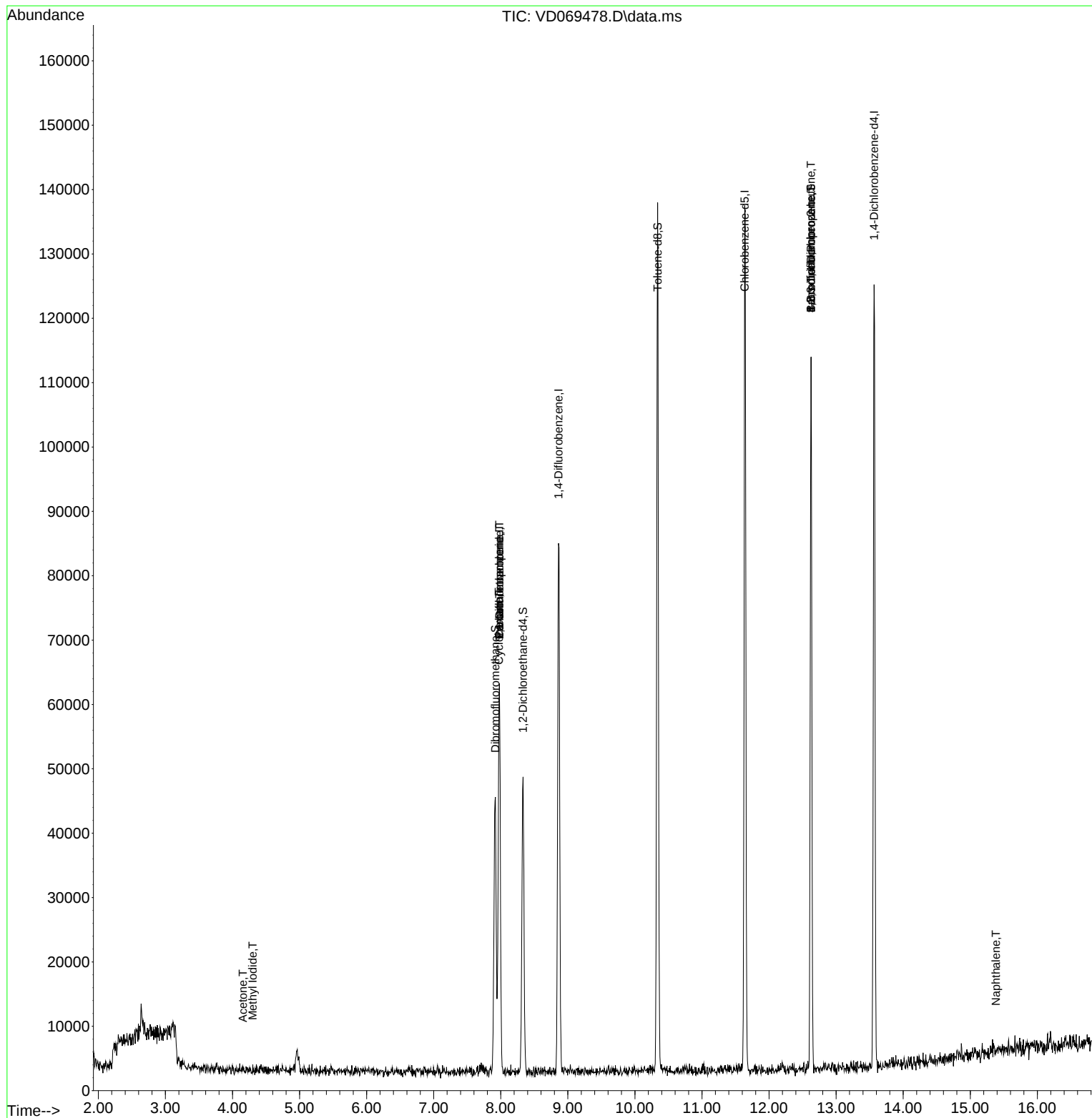
Target Compounds					Qvalue	
10) Methyl Iodide	4.303	142	83	3.480	ug/l #	39
16) Acetone	4.156	43	228	2.763	ug/l #	40
20) Methylene Chloride	4.961	84	1822	Below Cal	#	85
31) Cyclohexane	7.973	56	1386	2.046	ug/l #	17
36) 1,1-Dichloropropene	7.979	75	3769	4.783	ug/l #	41
38) Carbon Tetrachloride	7.979	117	4468	5.234	ug/l #	11
71) Bromoform	12.626	173	375	1.020	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	15394	42.475	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	15394	113.312	ug/l #	18
95) Naphthalene	15.384	128	128	3.667	ug/l #	69

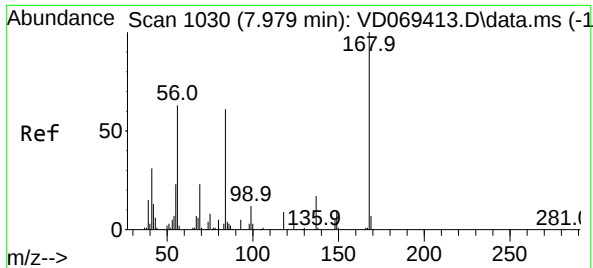
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:26:24 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

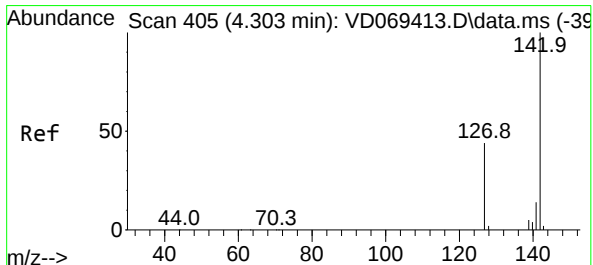
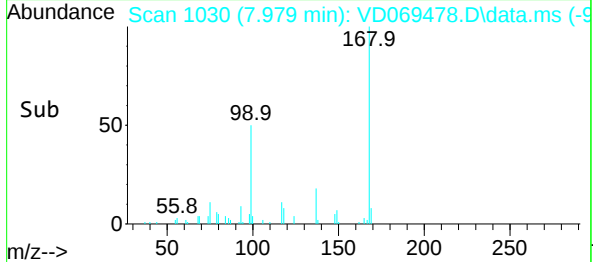
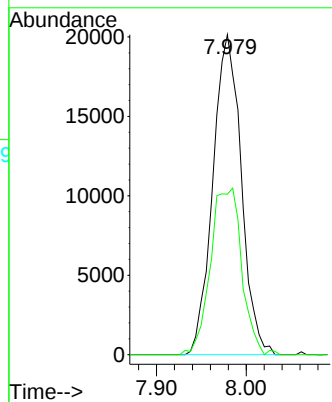
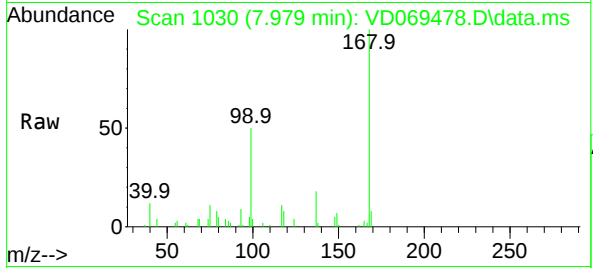




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

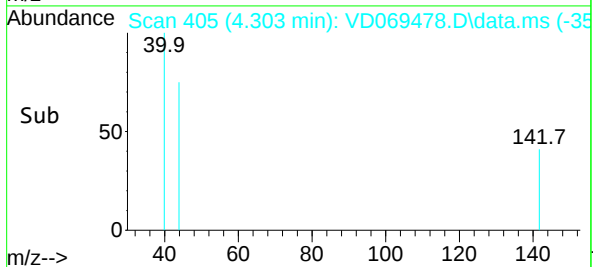
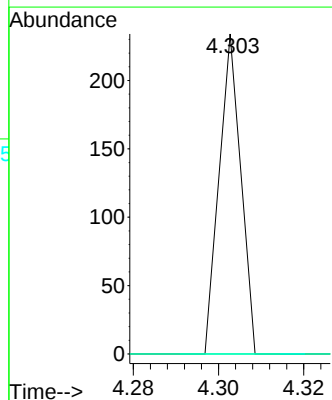
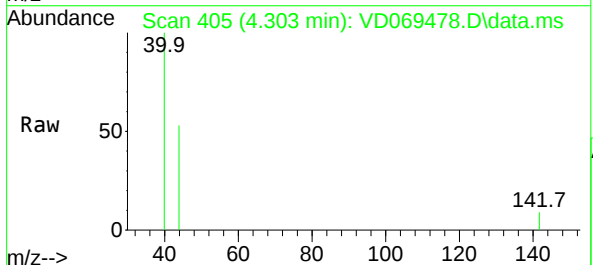
Instrument :
MSVOA_D
ClientSampled :

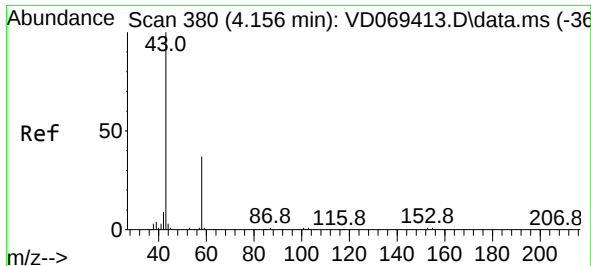
Tgt Ion:168 Resp: 44196
Ion Ratio Lower Upper
168 100
99 50.2 46.2 69.2



#10
Methyl Iodide
Concen: 3.480 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

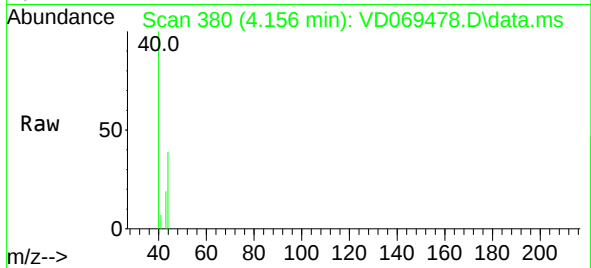
Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



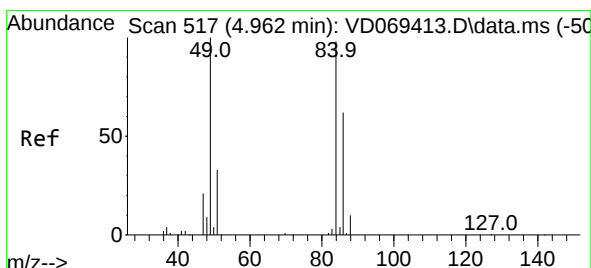
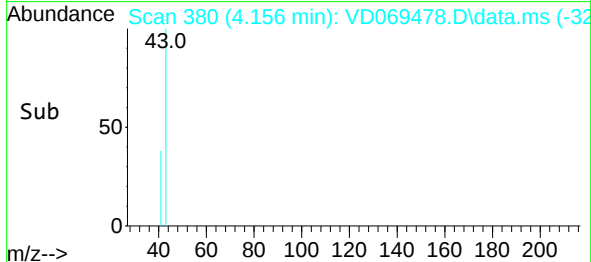
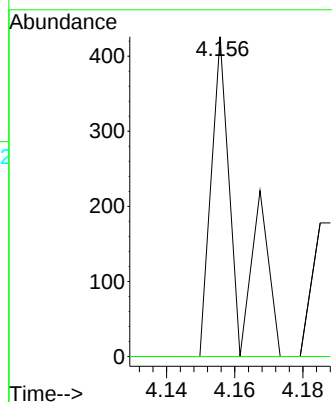


#16
Acetone
Concen: 2.763 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

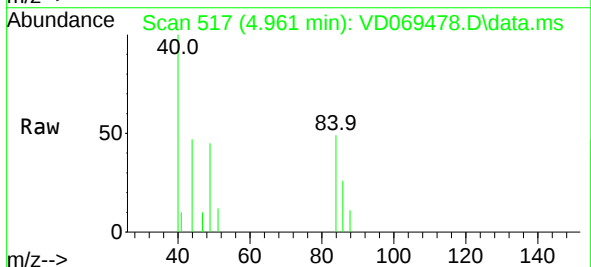
Instrument :
MSVOA_D
ClientSampled :



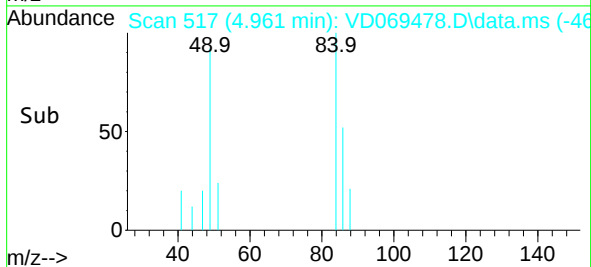
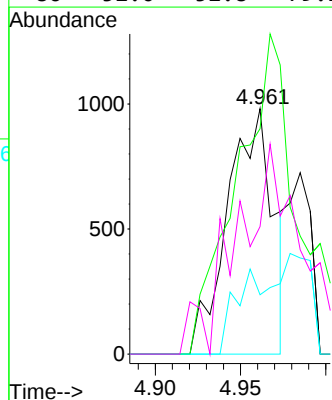
Tgt Ion: 43 Resp: 228
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#

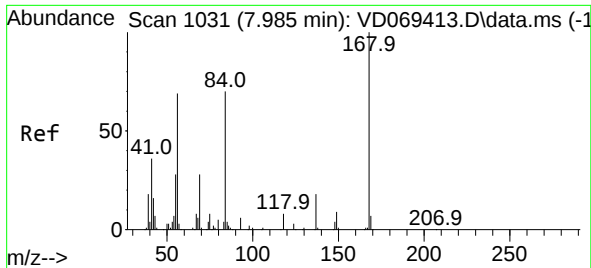


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24



Tgt Ion: 84 Resp: 1822
Ion Ratio Lower Upper
84 100
49 91.8 83.7 125.5
51 24.2 26.4 39.6#
86 52.0 52.8 79.2#

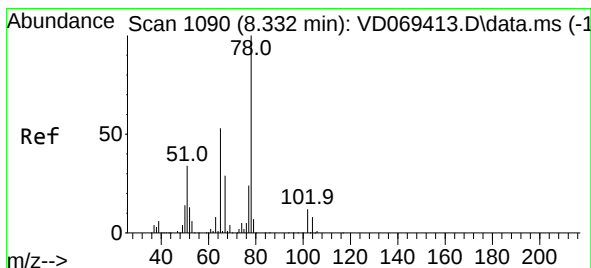
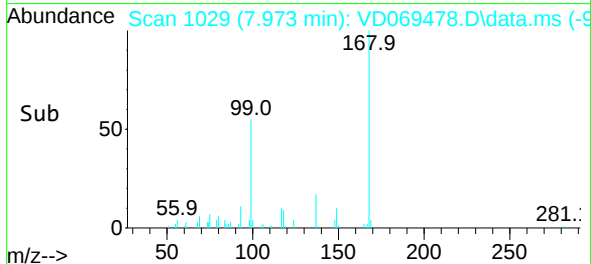
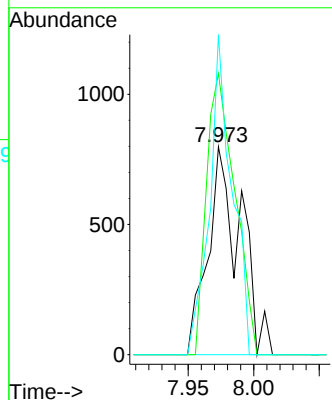
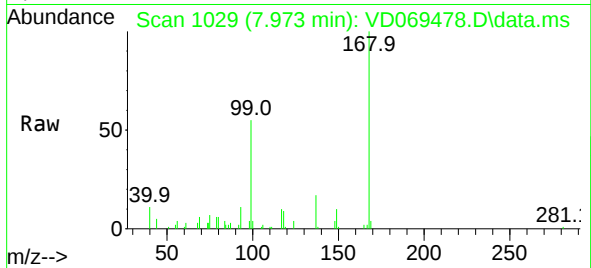




#31
Cyclohexane
Concen: 2.046 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

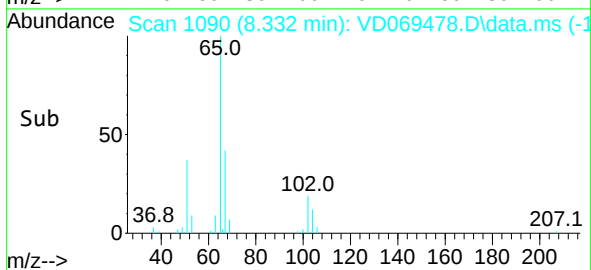
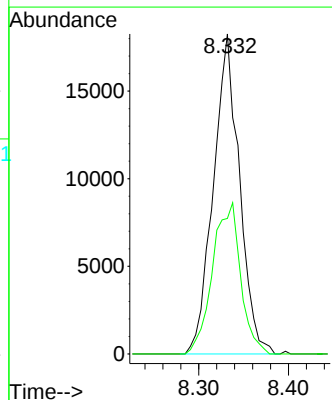
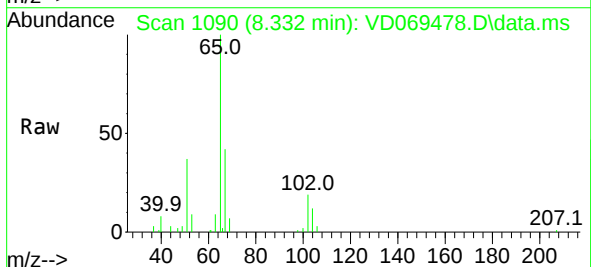
Instrument :
MSVOA_D
ClientSampleId :

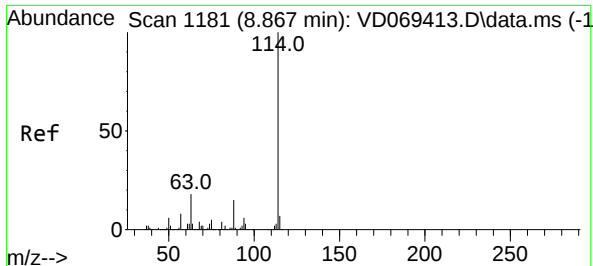
Tgt Ion: 56 Resp: 1386
Ion Ratio Lower Upper
56 100
69 135.3 29.0 43.4#
84 154.0 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 73.847 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

Tgt Ion: 65 Resp: 36820
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.8



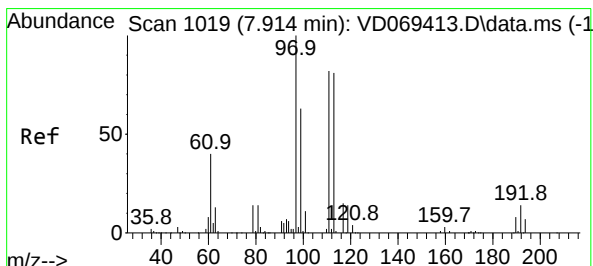
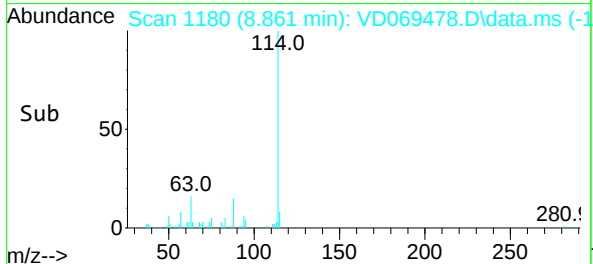
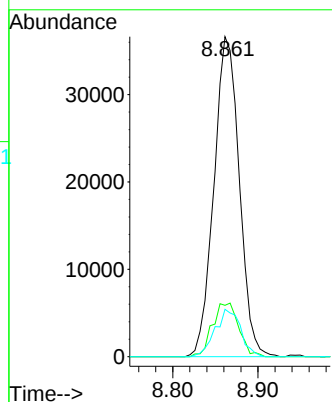
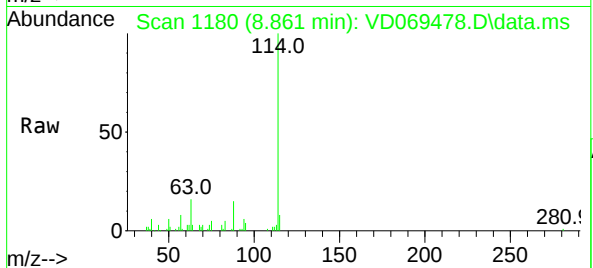


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

Instrument :
MSVOA_D
ClientSampleId :

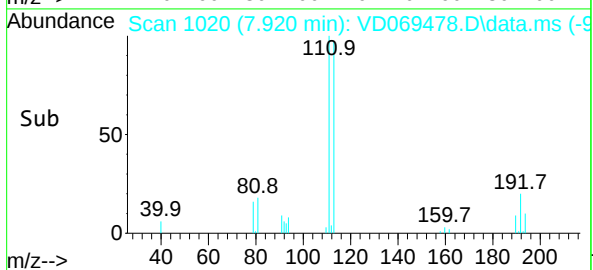
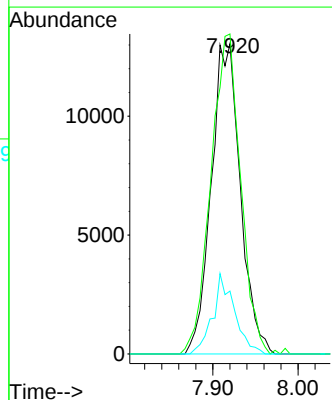
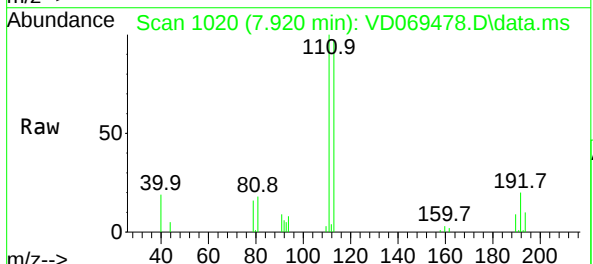
Tgt Ion:	114	Resp:	75681
Ion Ratio	Lower	Upper	
114	100		
63	16.1	0.0	35.6
88	14.8	0.0	31.2

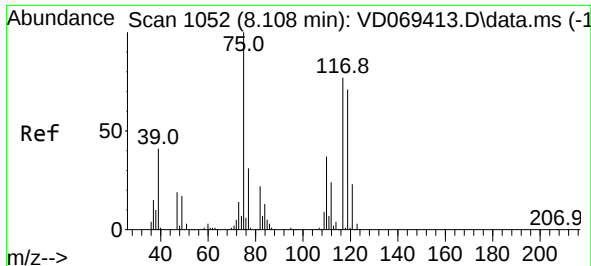


#35

Dibromofluoromethane
Concen: 54.840 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

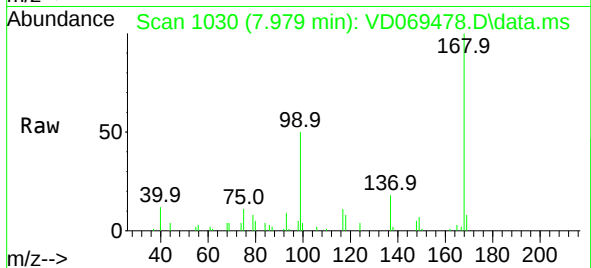
Tgt Ion:	113	Resp:	31086
Ion Ratio	Lower	Upper	
113	100		
111	105.0	83.0	124.6
192	19.4	15.1	22.7



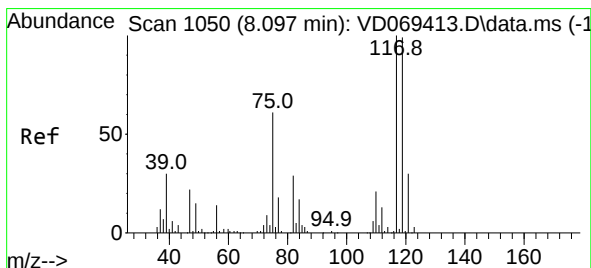
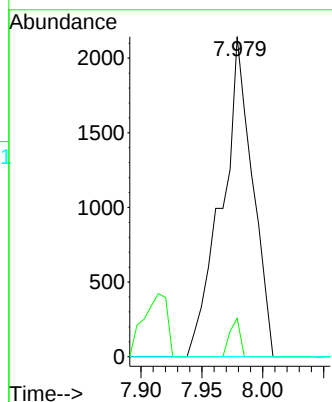
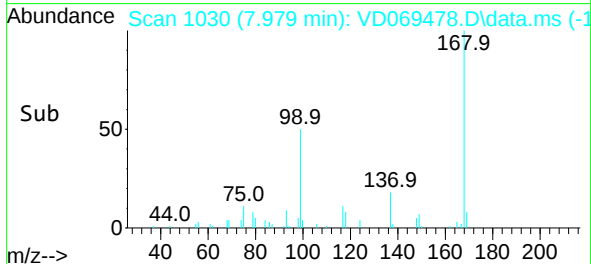


#36
1,1-Dichloropropene
Concen: 4.783 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

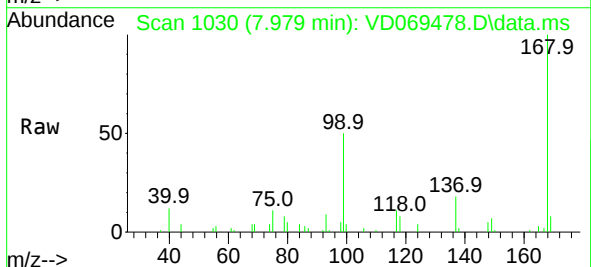
Instrument :
MSVOA_D
ClientSampleId :



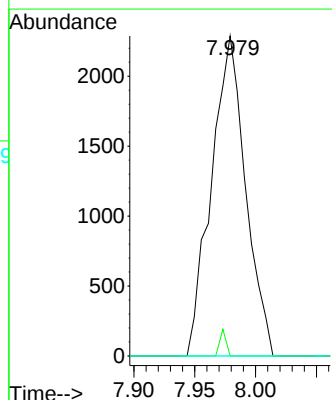
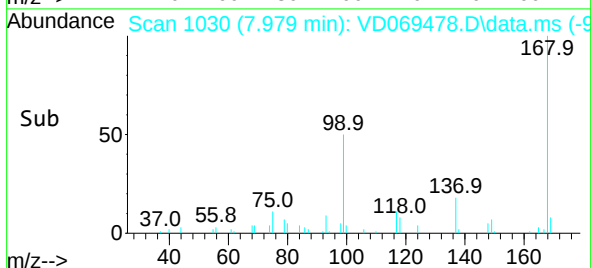
Tgt Ion: 75 Resp: 3769
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.2#
77 0.0 24.9 37.3#

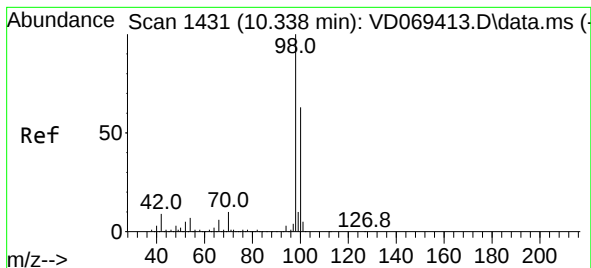


#38
Carbon Tetrachloride
Concen: 5.234 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24



Tgt Ion: 117 Resp: 4468
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

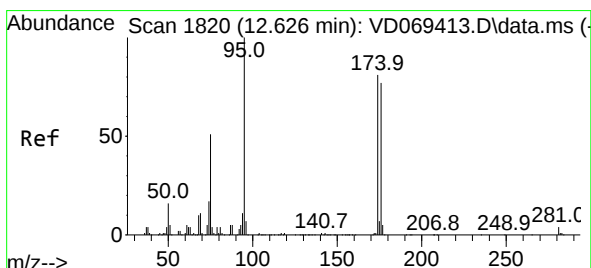
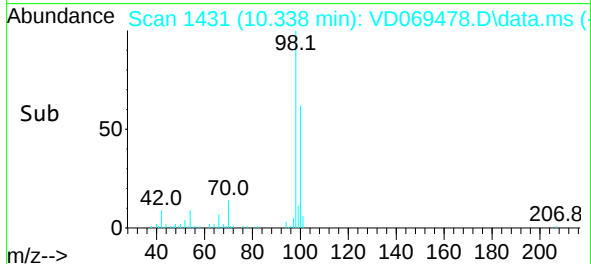
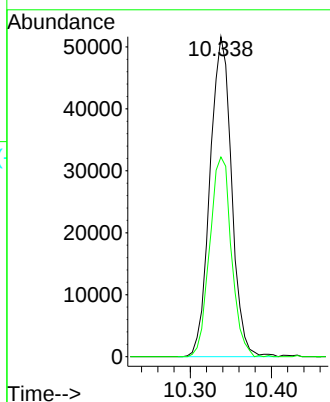
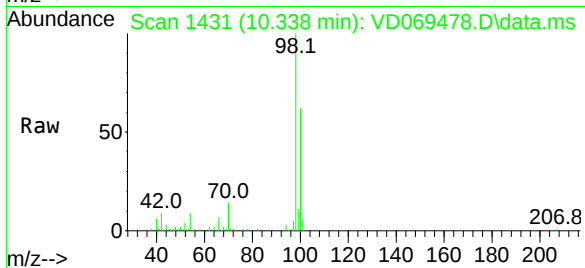




#50
Toluene-d8
Concen: 46.079 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

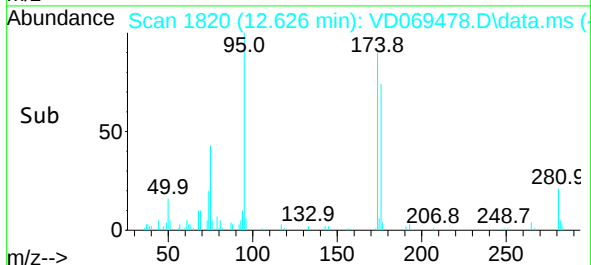
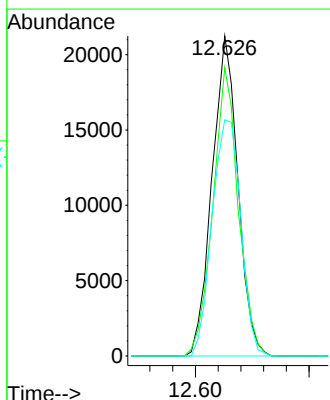
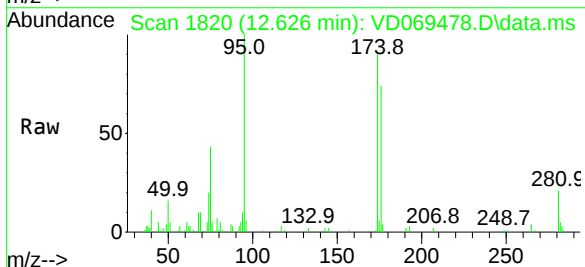
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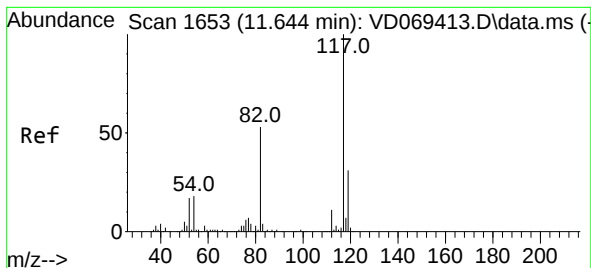
Tgt Ion: 98 Resp: 95534
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.351 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

Tgt Ion: 95 Resp: 33495
Ion Ratio Lower Upper
95 100
174 88.8 0.0 162.8
176 81.9 0.0 154.4

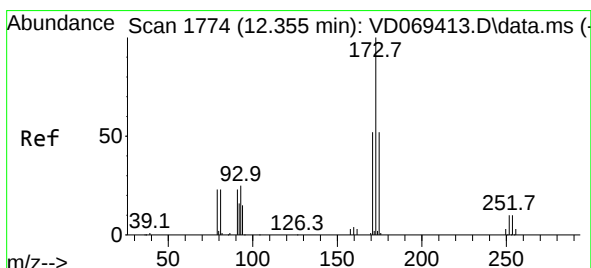
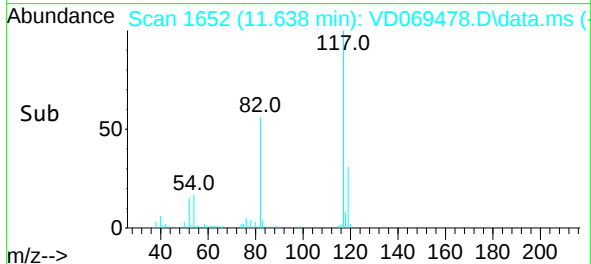
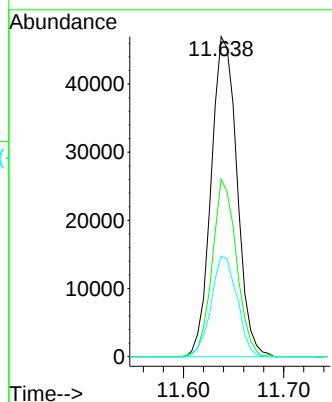
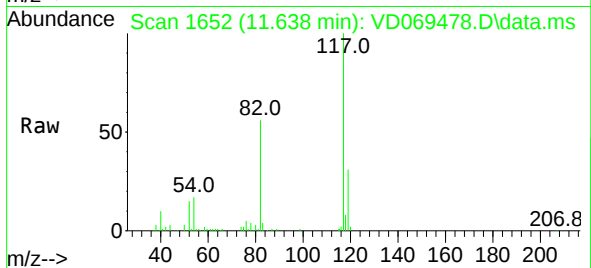




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

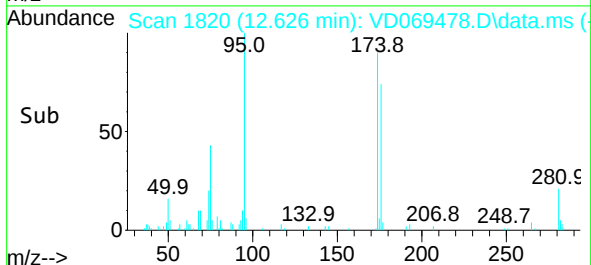
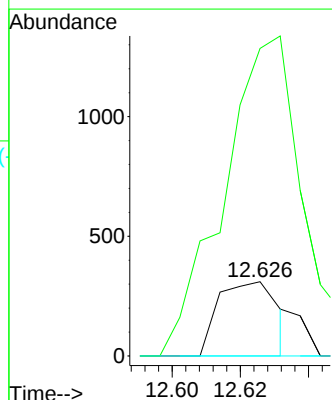
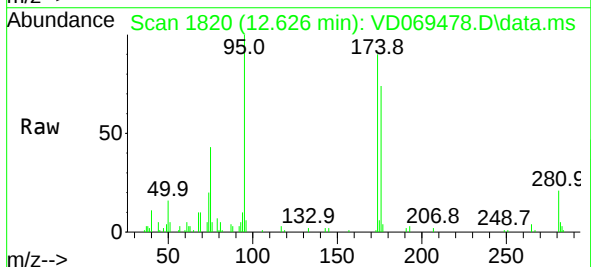
Instrument :
MSVOA_D
ClientSampleId :

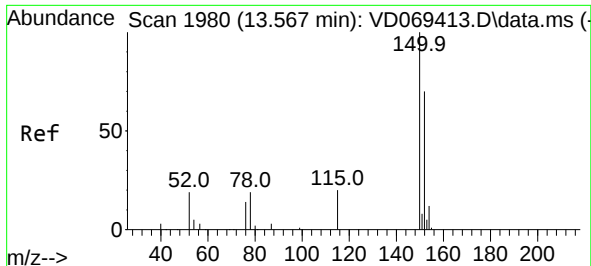
Tgt Ion:	117	Resp:	84081
Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.3	64.9
119	31.5	25.3	37.9



#71
Bromoform
Concen: 1.020 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

Tgt Ion:	173	Resp:	375
Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.2#
254	0.0	0.0	0.0

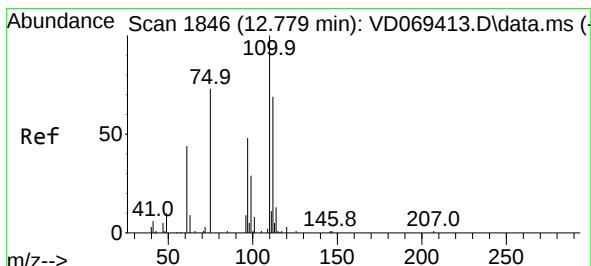
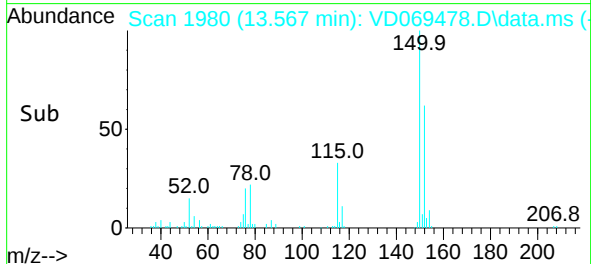
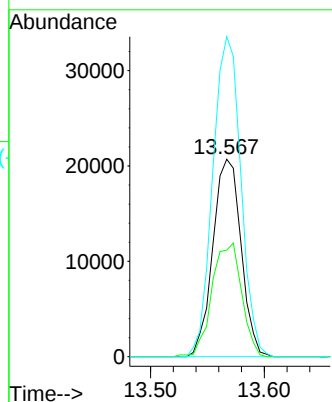
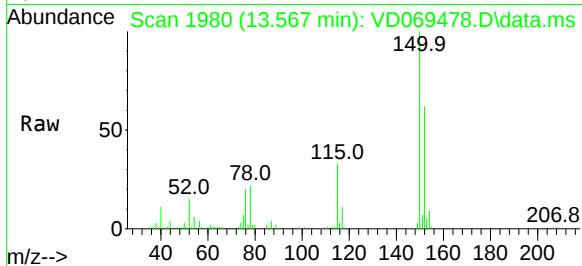




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

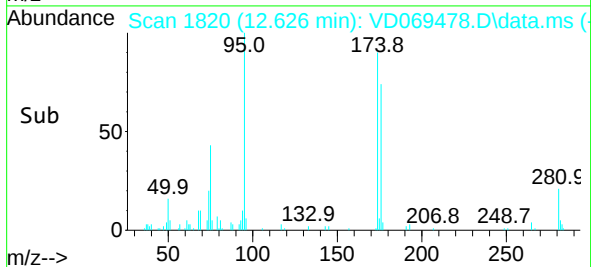
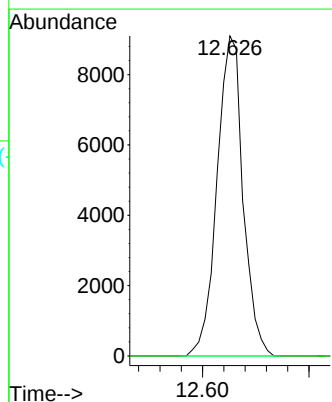
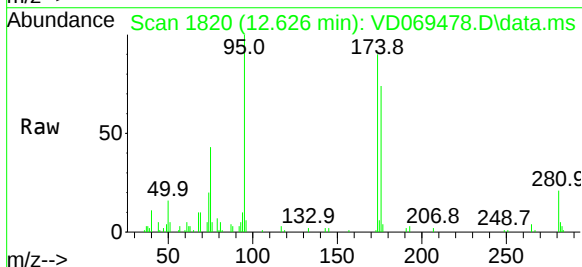
Instrument :
MSVOA_D
ClientSampled :

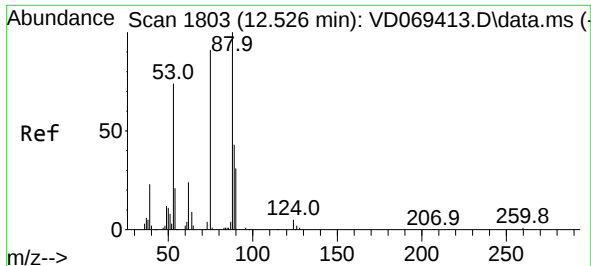
Tgt Ion:152 Resp: 35748
Ion Ratio Lower Upper
152 100
115 60.3 29.4 88.3
150 160.9 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 42.475 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

Tgt Ion: 75 Resp: 15394
Ion Ratio Lower Upper
75 100
77 0.0 183.8 551.2#

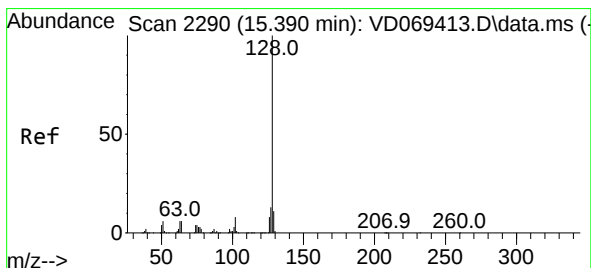
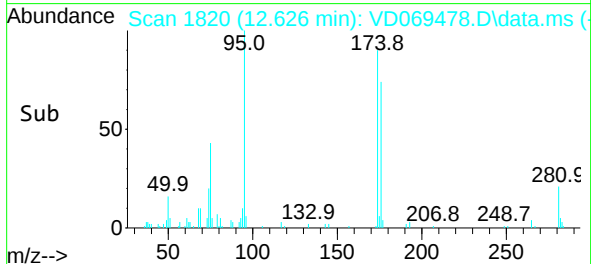
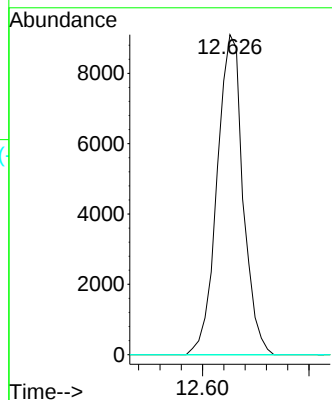
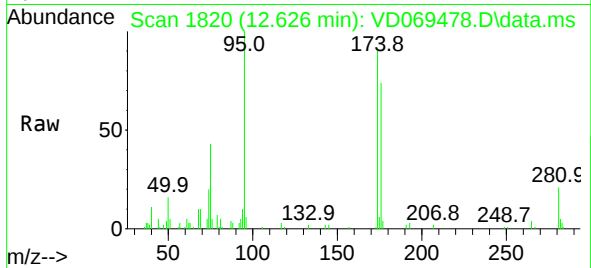




#81
trans-1,4-Dichloro-2-butene
Concen: 113.312 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	75	Resp:	15394
Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.6	94.0#
89	0.0	35.6	53.4#



#95
Naphthalene
Concen: 3.667 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069478.D
Acq: 17 Jun 2021 14:24

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

