

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069476.D
 Acq On : 17 Jun 2021 13:27
 Operator : VA/SY
 Sample : M2735-01
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124027

Quant Time: Jun 18 01:25:56 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)

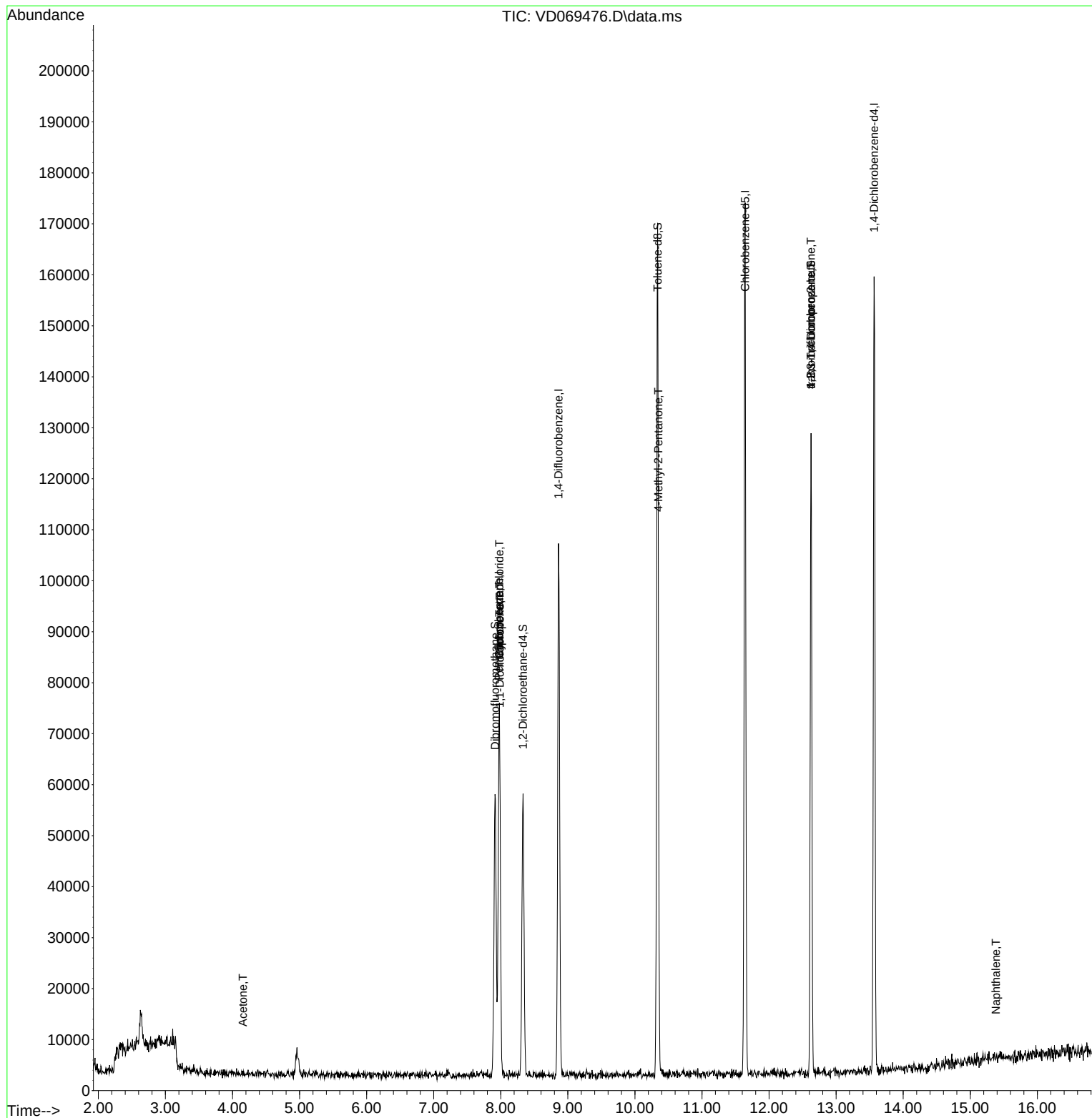
Internal Standards						
1) Pentafluorobenzene	7.973	168	54788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	92382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	101398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	46858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	44789	72.463	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.920%			
35) Dibromofluoromethane	7.914	113	40241	58.156	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.320%			
50) Toluene-d8	10.337	98	116959	46.215	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.420%			
62) 4-Bromofluorobenzene	12.626	95	39880	49.112	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.220%			
Target Compounds						
5) Bromomethane	2.779	94	617	Below Cal	Qvalue 86	
16) Acetone	4.155	43	211	2.062 ug/l #	40	
18) Methyl Acetate	4.755	43	107	Below Cal #	46	
20) Methylene Chloride	4.985	84	4118	Below Cal #	66	
31) Cyclohexane	7.979	56	1351	1.609 ug/l #	76	
36) 1,1-Dichloropropene	7.985	75	4367	4.540 ug/l #	46	
38) Carbon Tetrachloride	7.979	117	5744	5.512 ug/l #	11	
51) 4-Methyl-2-Pentanone	10.349	43	569	1.833 ug/l #	1	
76) 1,2,3-Trichloropropane	12.626	75	18774	39.519 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.626	75	18774	105.427 ug/l #	18	
95) Naphthalene	15.384	128	141	3.651 ug/l #	69	

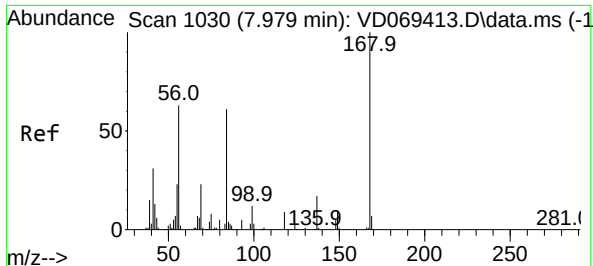
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:25:56 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

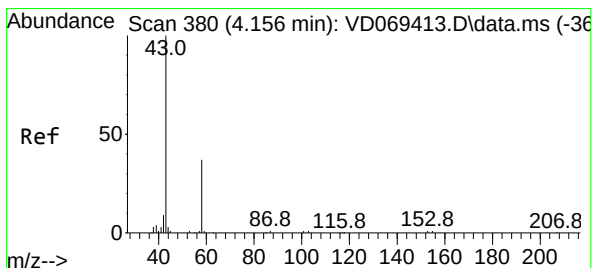
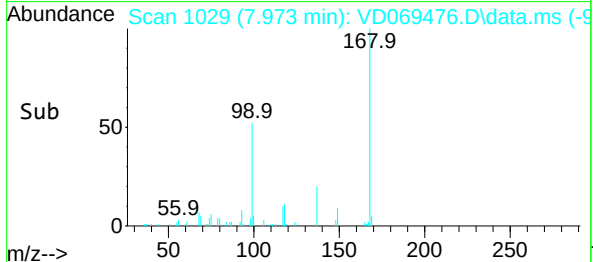
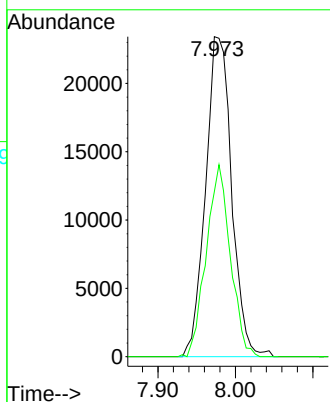
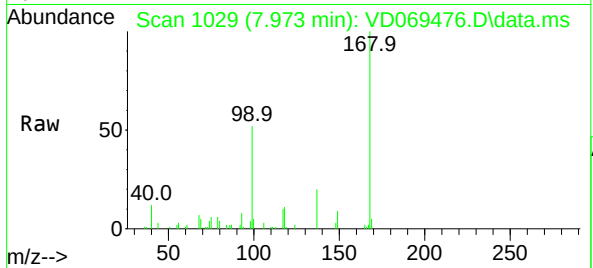




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

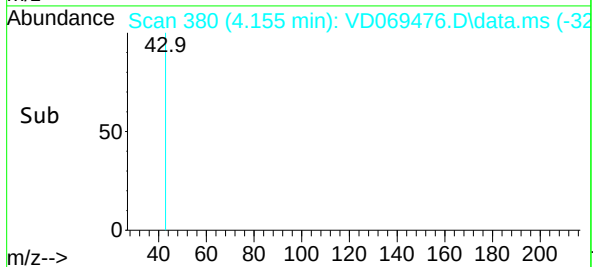
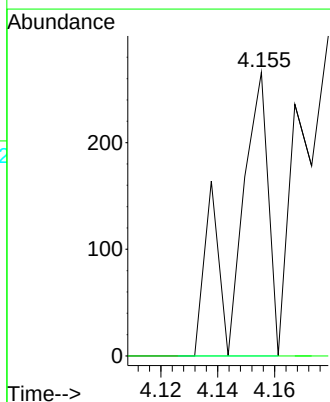
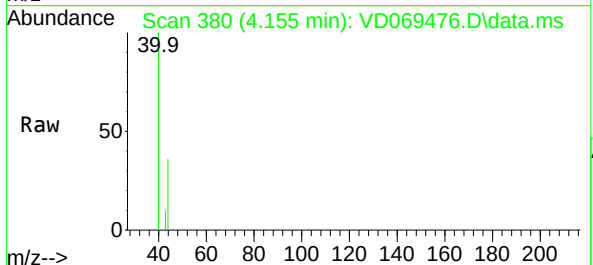
Instrument :
MSVOA_D
ClientSampleId :
124027

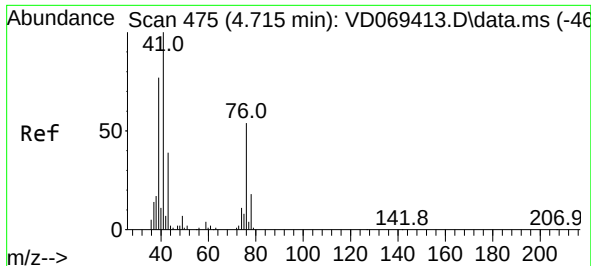
Tgt Ion:168 Resp: 54788
Ion Ratio Lower Upper
168 100
99 51.6 46.2 69.2



#16
Acetone
Concen: 2.062 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

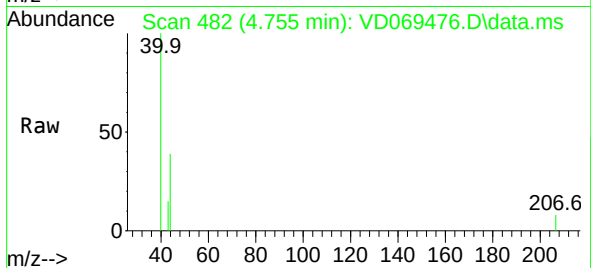
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



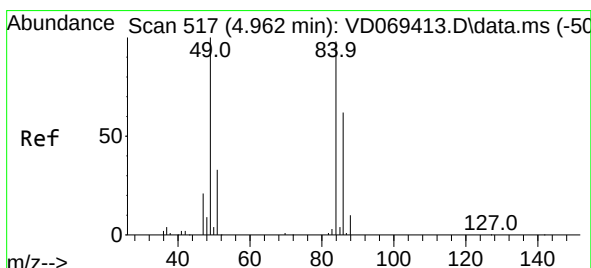
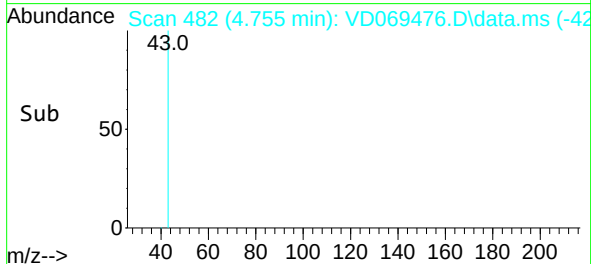
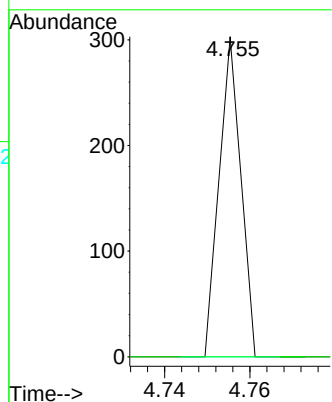


#18
Methyl Acetate
Concen: Below Cal
RT: 4.755 min Scan# 482
Delta R.T. 0.040 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Instrument :
MSVOA_D
ClientSampleId :
124027

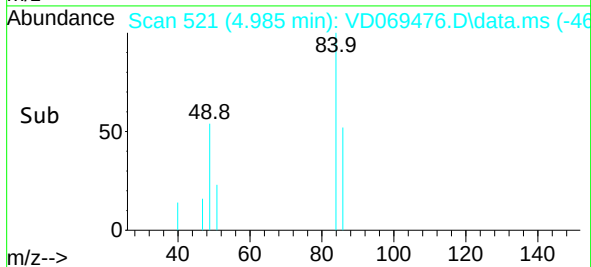
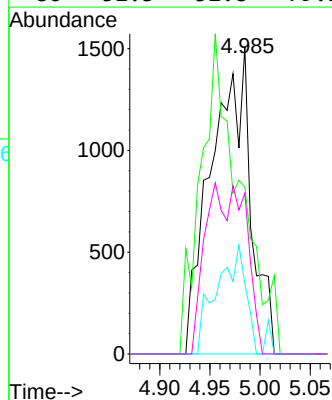
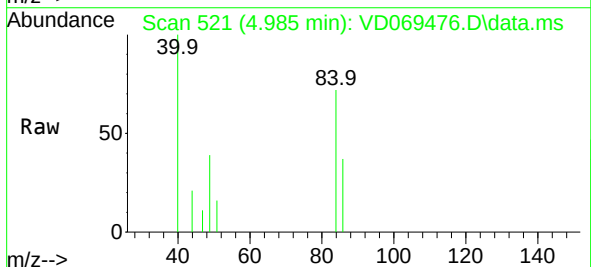


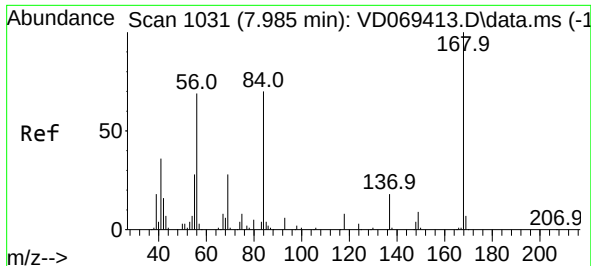
Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.985 min Scan# 521
Delta R.T. 0.023 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion: 84 Resp: 4118
Ion Ratio Lower Upper
84 100
49 54.4 83.7 125.5#
51 22.9 26.4 39.6#
86 52.3 52.8 79.2#

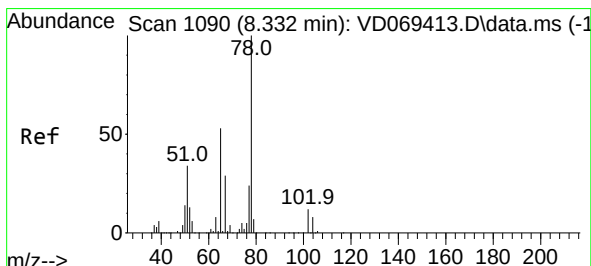
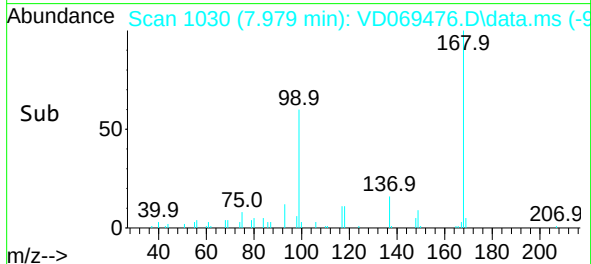
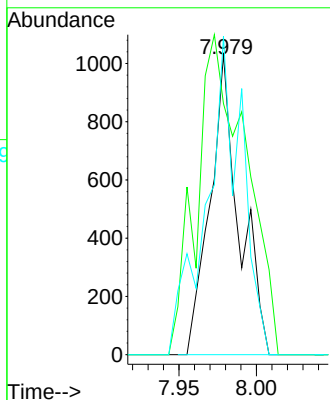
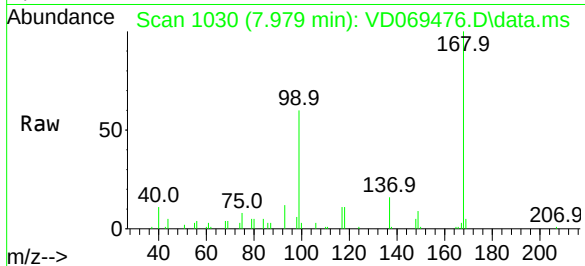




#31
Cyclohexane
Concen: 1.609 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

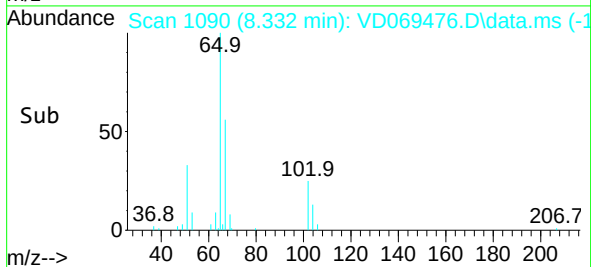
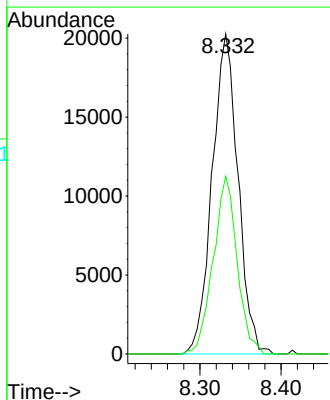
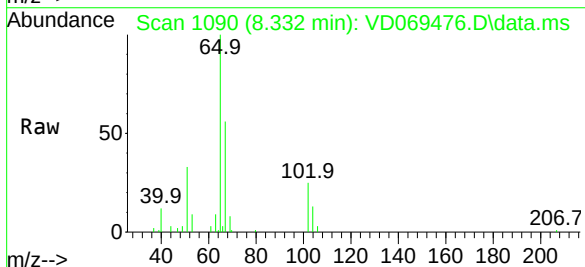
Instrument :
MSVOA_D
ClientSampled :
124027

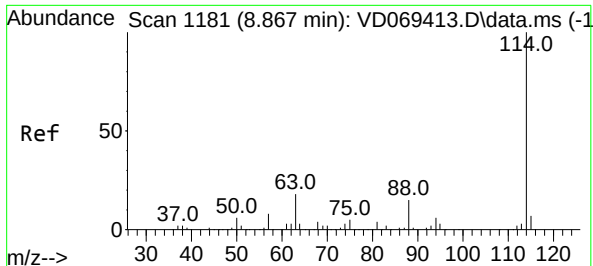
Tgt Ion: 56 Resp: 1351
Ion Ratio Lower Upper
56 100
69 83.5 29.0 43.4#
84 105.9 81.1 121.7



#33
1,2-Dichloroethane-d4
Concen: 72.463 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion: 65 Resp: 44789
Ion Ratio Lower Upper
65 100
67 51.5 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: VD069476.D

Acq: 17 Jun 2021 13:27

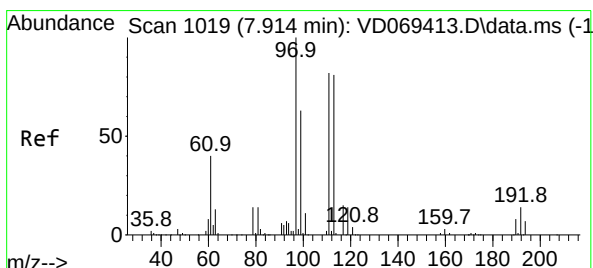
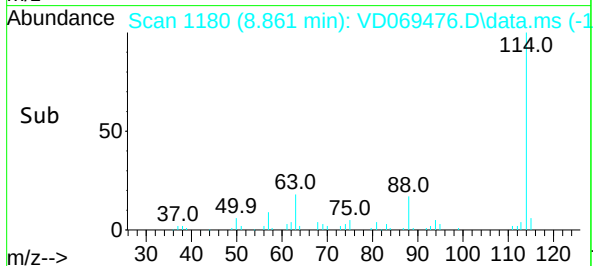
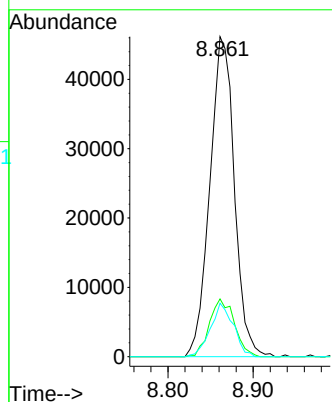
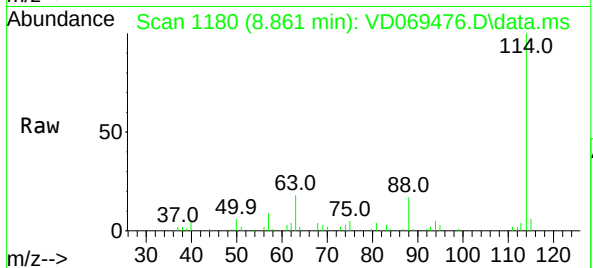
Tgt Ion:114 Resp: 92382

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 16.7 0.0 31.2



#35

Dibromofluoromethane

Concen: 58.156 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069476.D

Acq: 17 Jun 2021 13:27

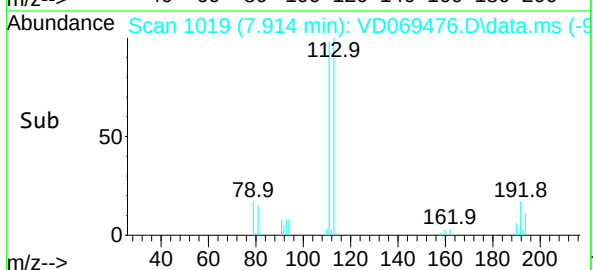
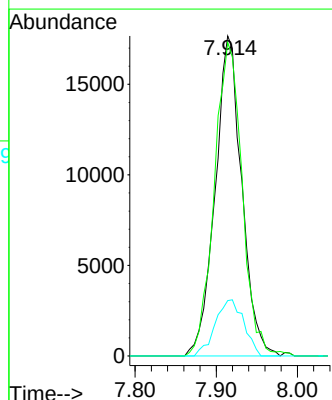
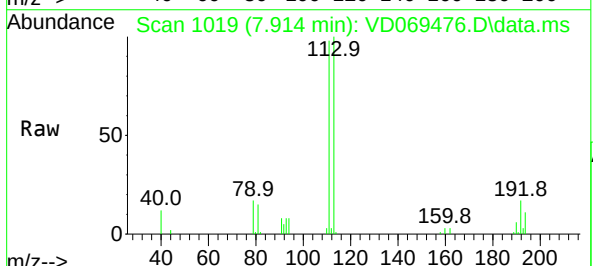
Tgt Ion:113 Resp: 40241

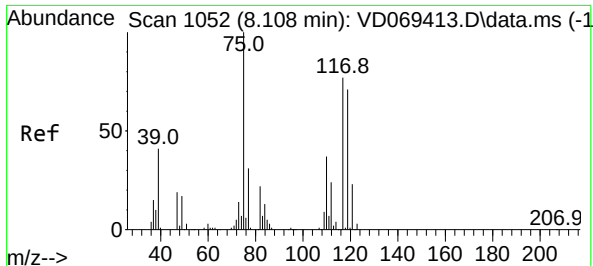
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

192 18.8 15.1 22.7



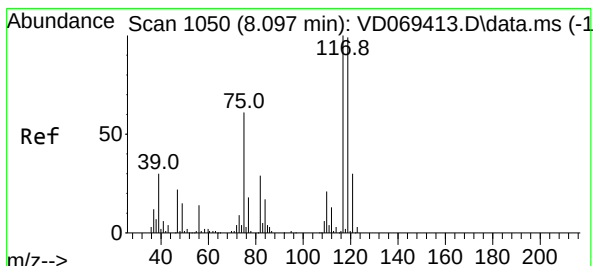
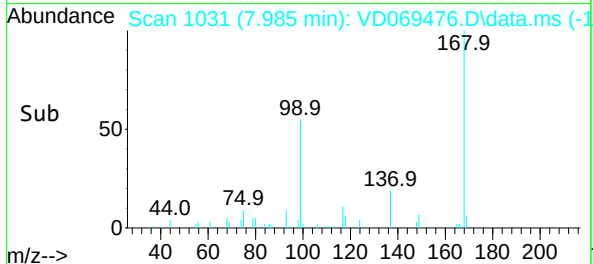
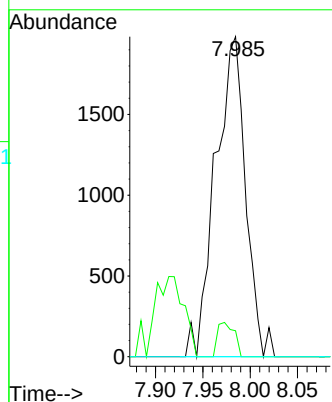
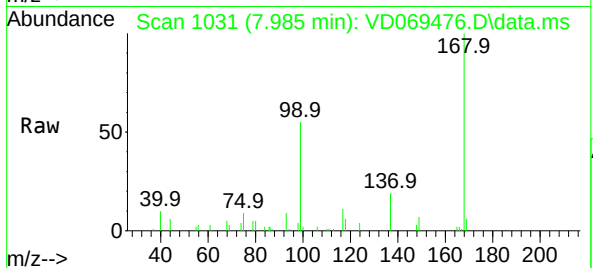


#36

1,1-Dichloropropene
Concen: 4.540 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Instrument :
MSVOA_D
ClientSampled :
124027

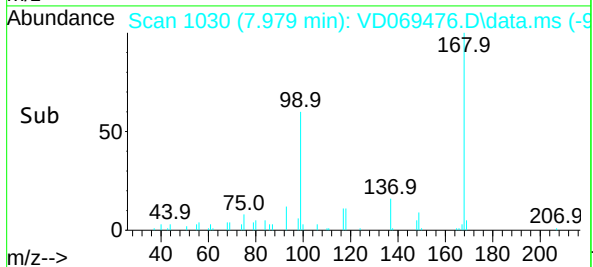
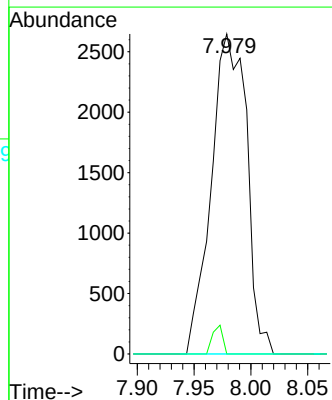
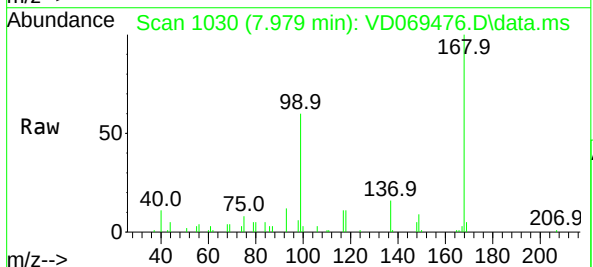
Tgt Ion: 75 Resp: 4367
Ion Ratio Lower Upper
75 100
110 6.0 18.4 55.2#
77 0.0 24.9 37.3#

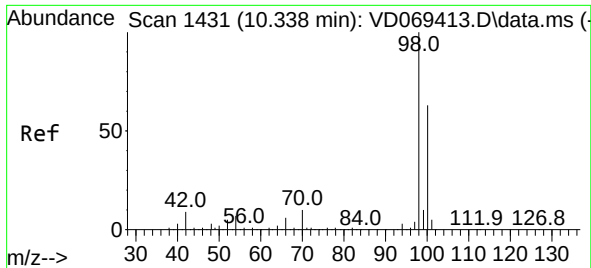


#38

Carbon Tetrachloride
Concen: 5.512 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion: 117 Resp: 5744
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

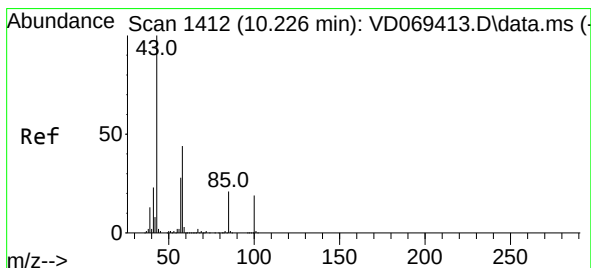
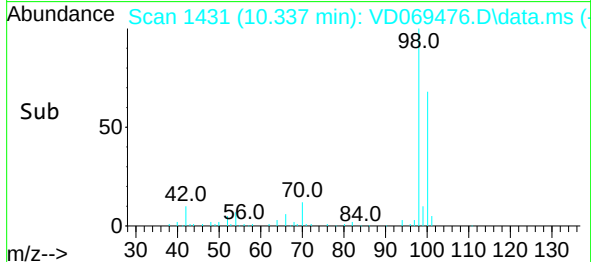
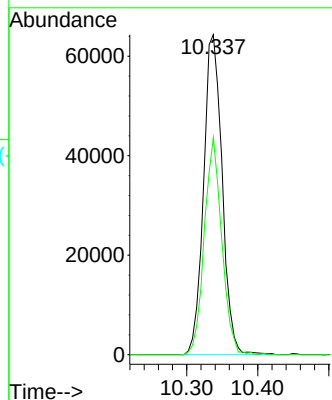
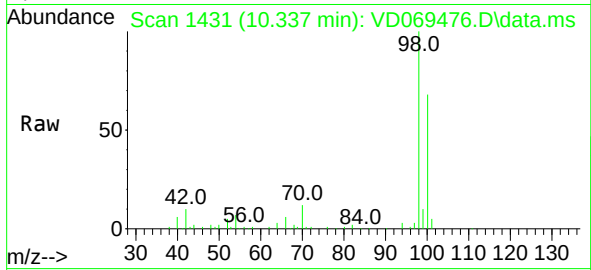




#50
Toluene-d8
Concen: 46.215 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

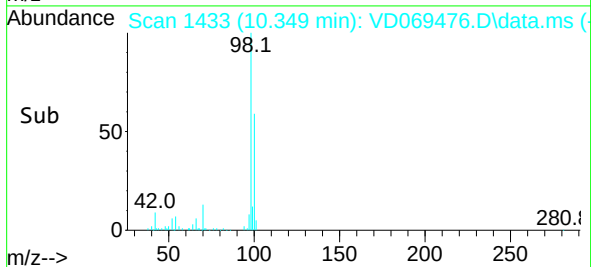
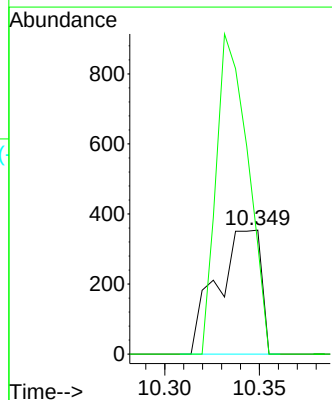
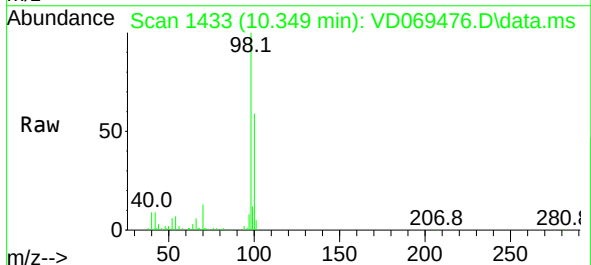
Instrument :
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ClientSampleId :
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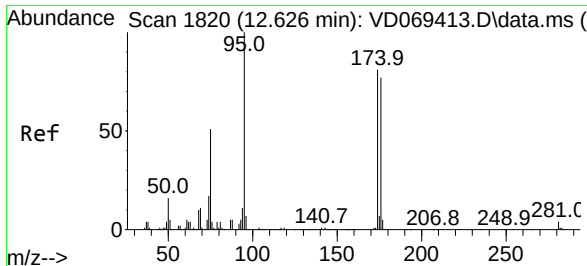
Tgt Ion: 98 Resp: 116959
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.833 ug/l
RT: 10.349 min Scan# 1433
Delta R.T. 0.123 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 187.7 35.1 52.7#

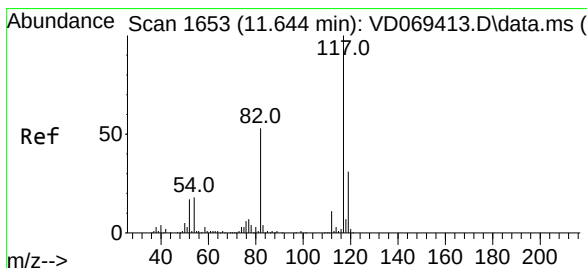
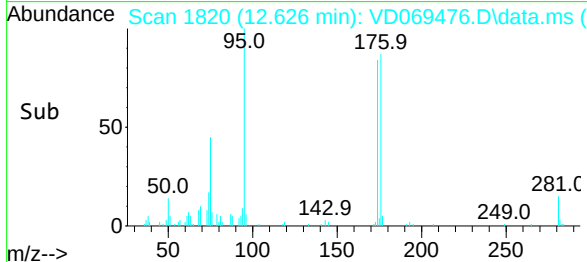
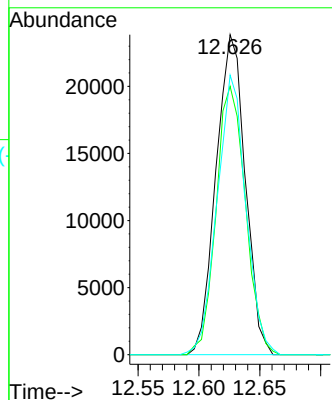
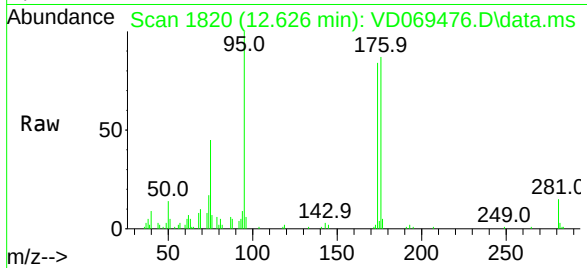




#62
4-Bromofluorobenzene
Concen: 49.112 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

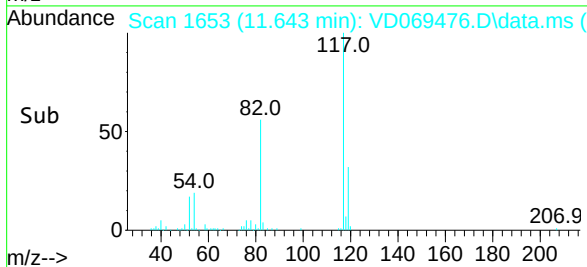
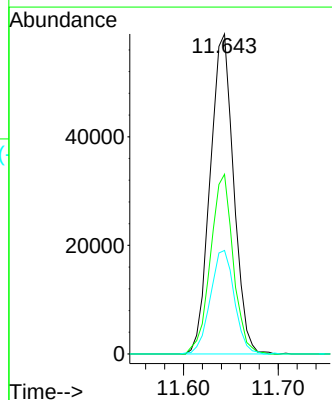
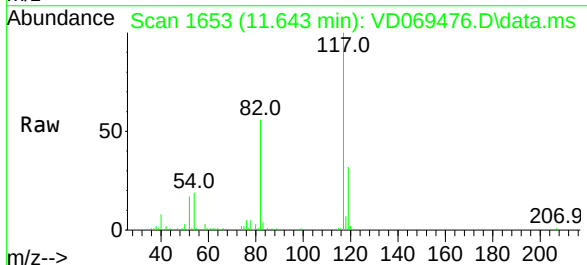
Instrument :
MSVOA_D
ClientSampleId :
124027

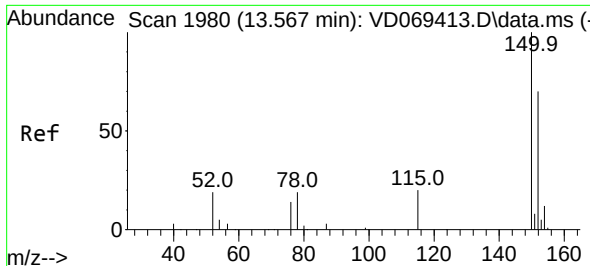
Tgt Ion:	95	Resp:	39880
Ion	Ratio	Lower	Upper
95	100		
174	84.3	0.0	162.8
176	85.9	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion:	117	Resp:	101398
Ion	Ratio	Lower	Upper
117	100		
82	56.1	43.3	64.9
119	32.3	25.3	37.9

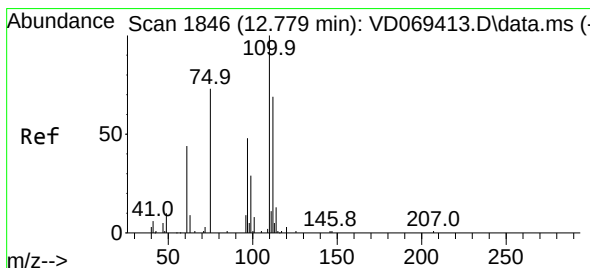
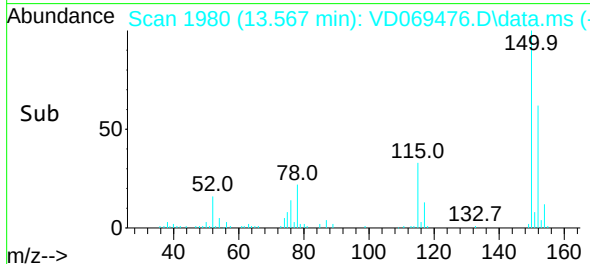
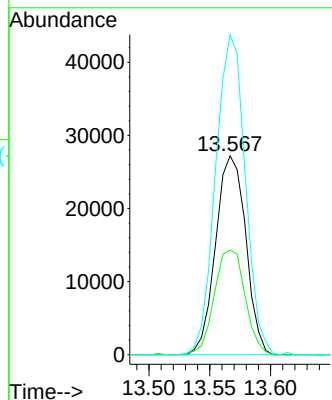
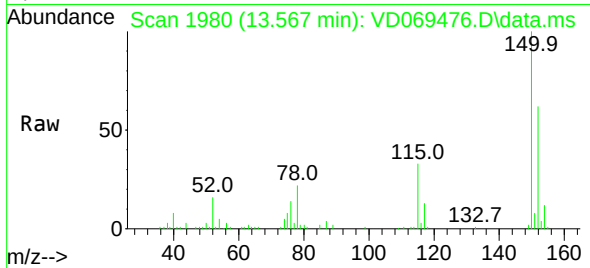




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069476.D
 Acq: 17 Jun 2021 13:27

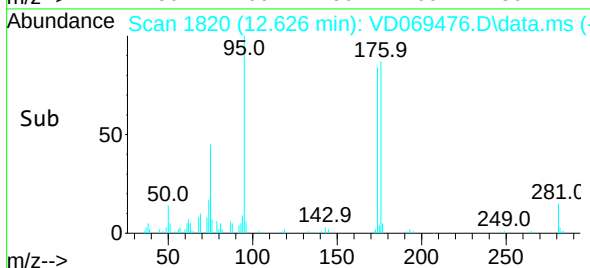
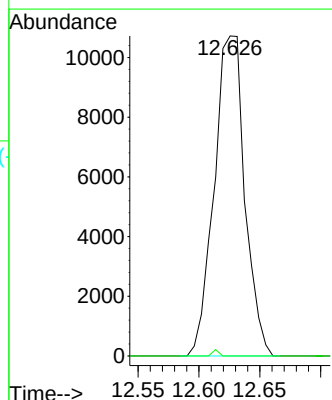
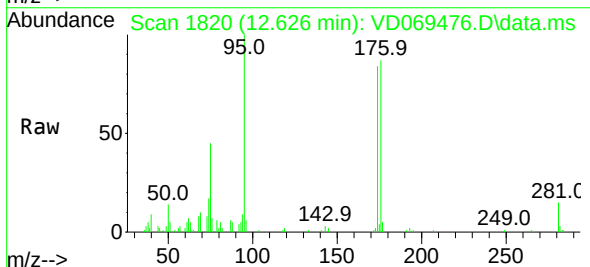
Instrument :
 MSVOA_D
 ClientSampleId :
 124027

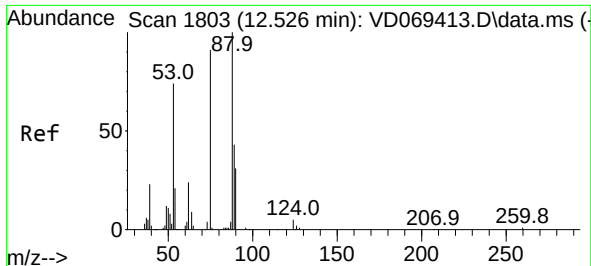
Tgt Ion:152 Resp: 46858
 Ion Ratio Lower Upper
 152 100
 115 53.7 29.4 88.3
 150 158.4 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 39.519 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.153 min
 Lab File: VD069476.D
 Acq: 17 Jun 2021 13:27

Tgt Ion: 75 Resp: 18774
 Ion Ratio Lower Upper
 75 100
 77 0.4 183.8 551.2#

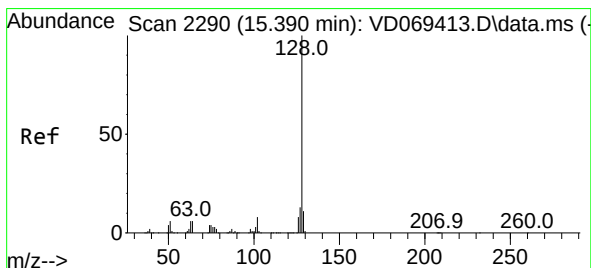
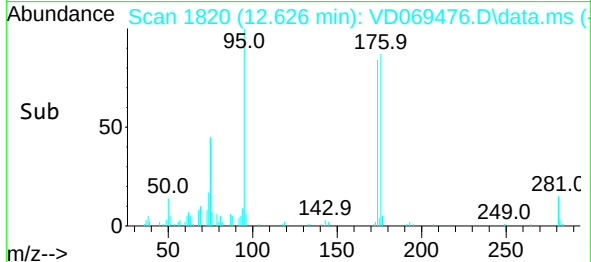
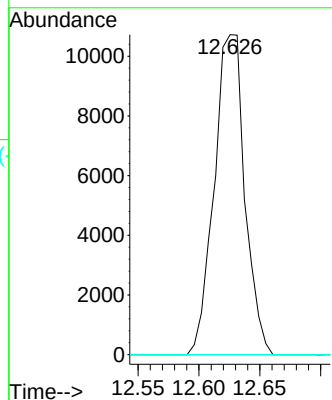
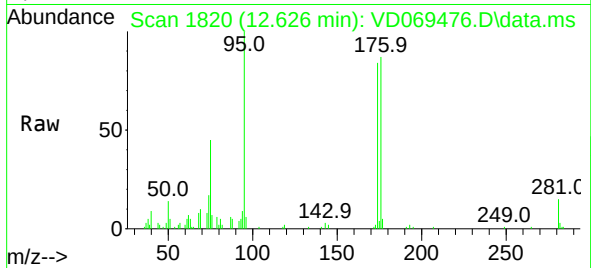




#81
trans-1,4-Dichloro-2-butene
Concen: 105.427 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Instrument :
MSVOA_D
ClientSampleId :
124027

Tgt Ion: 75 Resp: 18774
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#



#95
Naphthalene
Concen: 3.651 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069476.D
Acq: 17 Jun 2021 13:27

Tgt Ion:128 Resp: 141
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

