

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069939.D
 Acq On : 30 Jul 2021 16:25
 Operator : VA/SY
 Sample : M3241-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210583-COM-6

Quant Time: Jul 31 00:38:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

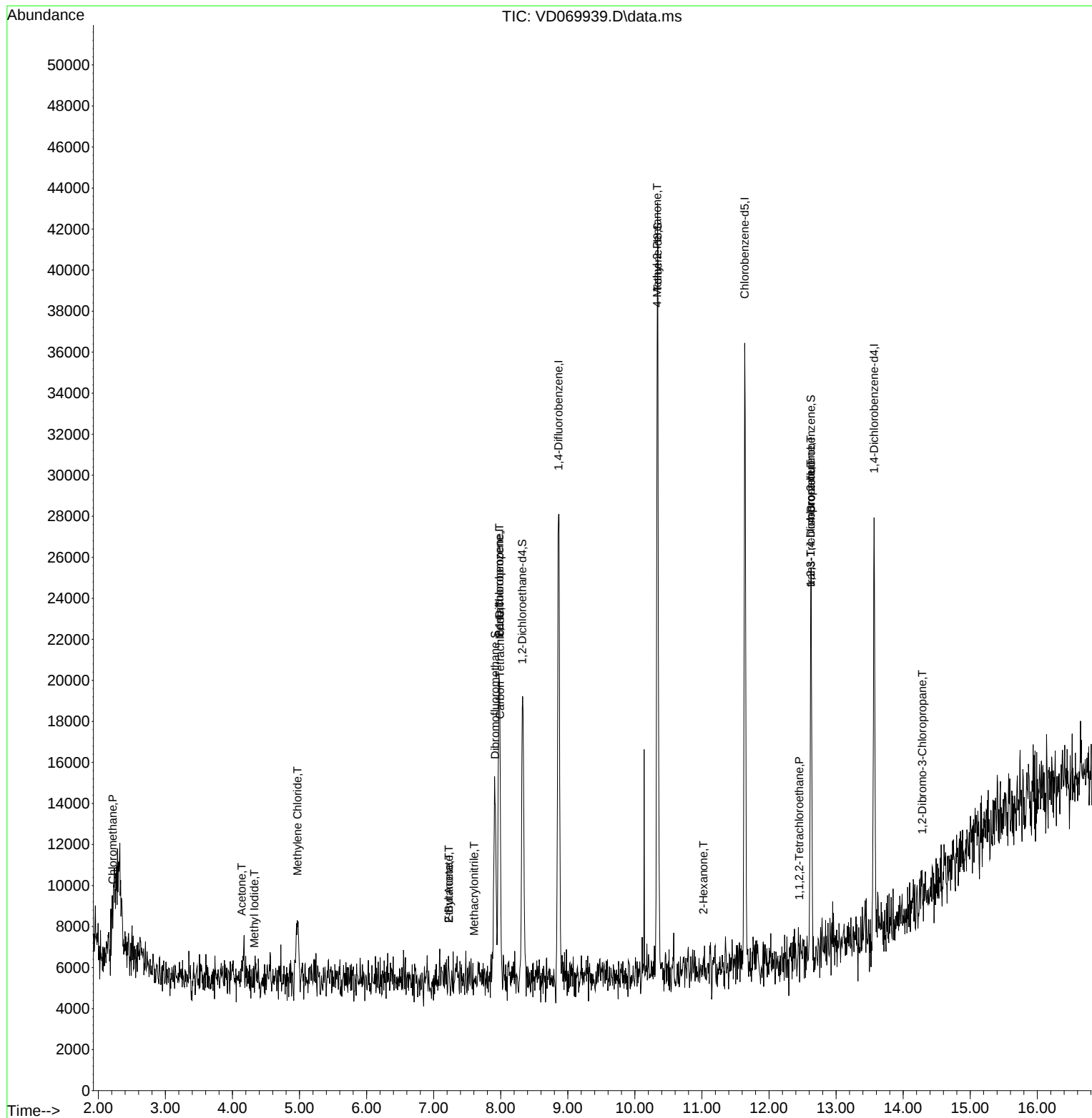
Internal Standards						
1) Pentafluorobenzene	7.979	168	11713	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	20990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11384	84.507	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 169.020%#		
35) Dibromofluoromethane	7.914	113	7526	56.877	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 113.760%		
50) Toluene-d8	10.338	98	23487	46.033	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 92.060%		
62) 4-Bromofluorobenzene	12.626	95	6240	36.594	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 73.180%		
Target Compounds						Qvalue
3) Chloromethane	2.215	50	246	1.376	ug/l	# 43
5) Bromomethane	2.803	94	126	Below Cal		96
10) Methyl Iodide	4.326	142	56	3.820	ug/l	# 40
16) Acetone	4.138	43	952	39.121	ug/l	# 38
20) Methylene Chloride	4.968	84	2399	8.347	ug/l	# 84
25) 2-Butanone	7.226	43	189	5.727	ug/l	# 46
36) 1,1-Dichloropropene	7.979	75	728	3.214	ug/l	# 42
37) Ethyl Acetate	7.226	43	189	2.292	ug/l	# 67
38) Carbon Tetrachloride	7.991	117	1478	7.143	ug/l	# 12
41) Methacrylonitrile	7.603	41	82	1.895	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.332	43	86	1.117	ug/l	# 34
59) 2-Hexanone	11.020	43	61	1.198	ug/l	# 21
75) 1,1,2,2-Tetrachloroethane	12.449	83	80	1.008	ug/l	# 26
76) 1,2,3-Trichloropropane	12.620	75	3564	60.622	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	3564	183.911	ug/l	# 16
92) 1,2-Dibromo-3-Chloropr...	14.285	75	76	6.650	ug/l	# 7

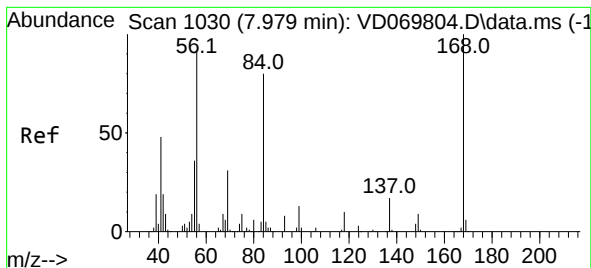
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069939.D
Acq On : 30 Jul 2021 16:25
Operator : VA/SY
Sample : M3241-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

Quant Time: Jul 31 00:38:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

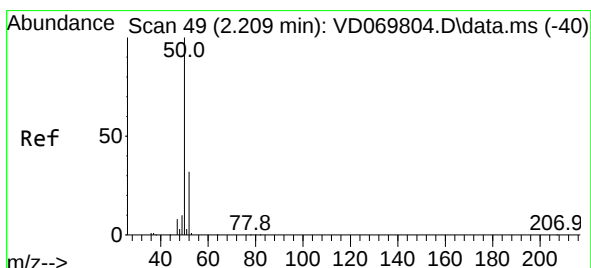
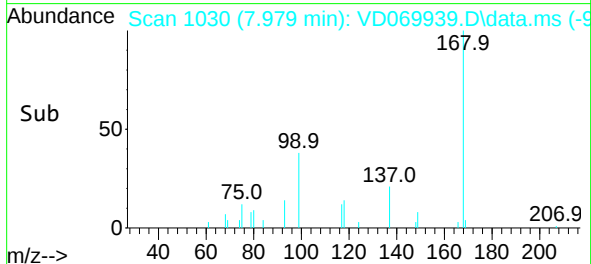
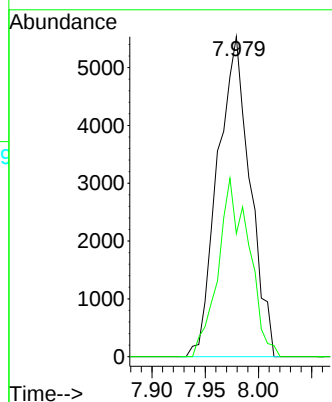
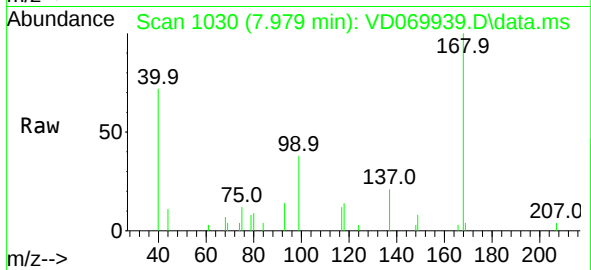




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

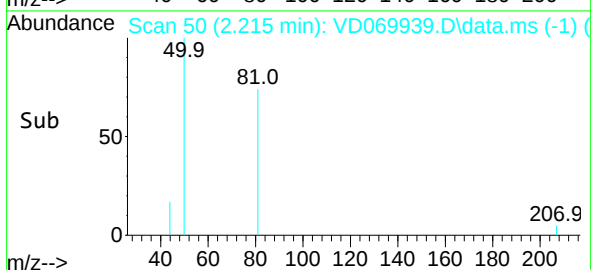
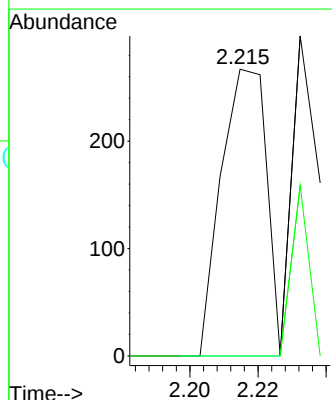
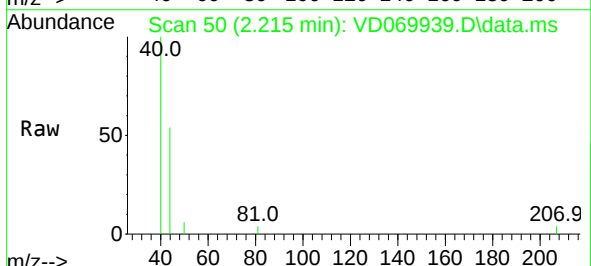
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

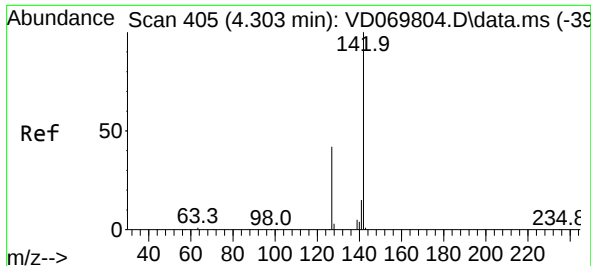
Tgt Ion:168 Resp: 11713
Ion Ratio Lower Upper
168 100
99 38.4 51.1 76.7#



#3
Chloromethane
Concen: 1.376 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Tgt Ion: 50 Resp: 246
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

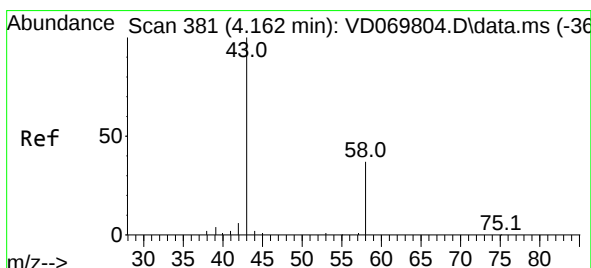
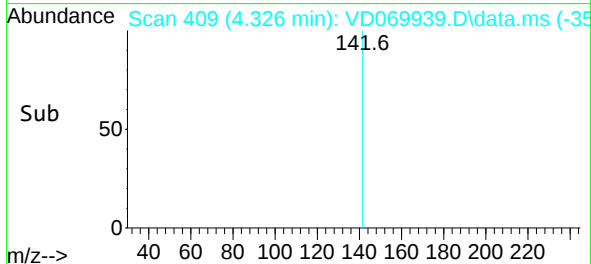
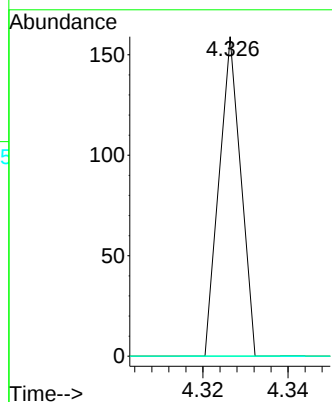
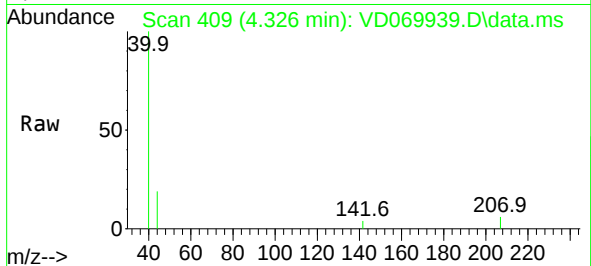




#10
Methyl Iodide
Concen: 3.820 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.023 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

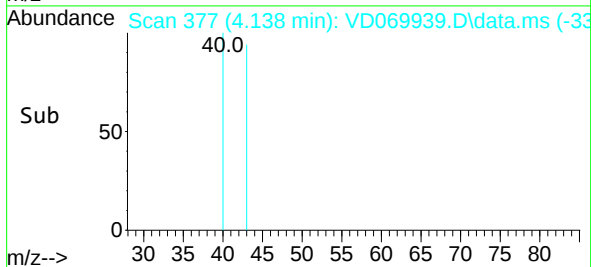
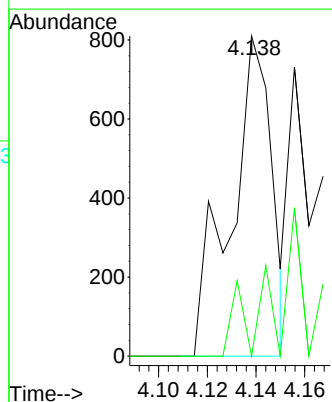
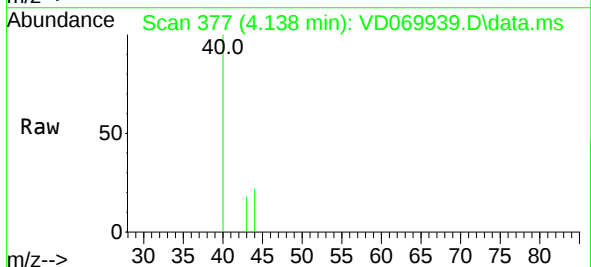
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

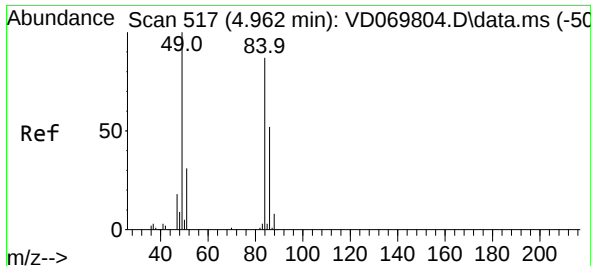
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 39.121 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.024 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.0#





#20

Methylene Chloride

Concen: 8.347 ug/l

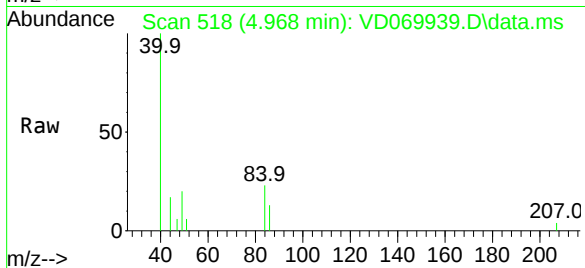
RT: 4.968 min Scan# 518

Delta R.T. 0.006 min

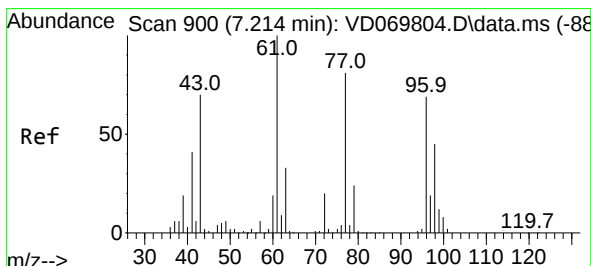
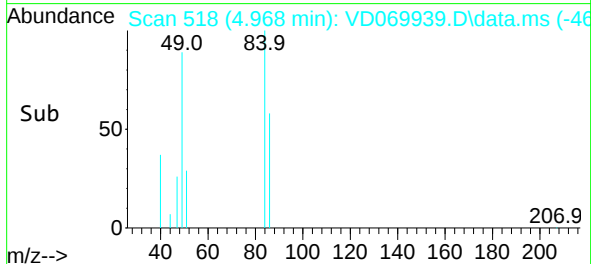
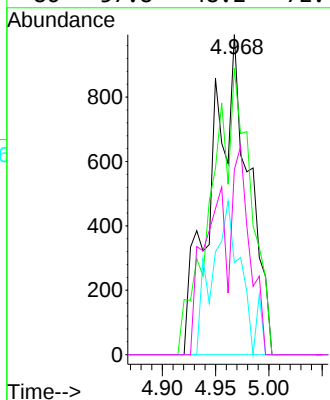
Lab File: VD069939.D

Acq: 30 Jul 2021 16:25

Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6



Tgt Ion:	84	Resp:	2399
Ion	Ratio	Lower	Upper
84	100		
49	89.4	92.4	138.6#
51	28.8	28.5	42.7
86	57.8	48.2	72.4



#25

2-Butanone

Concen: 5.727 ug/l

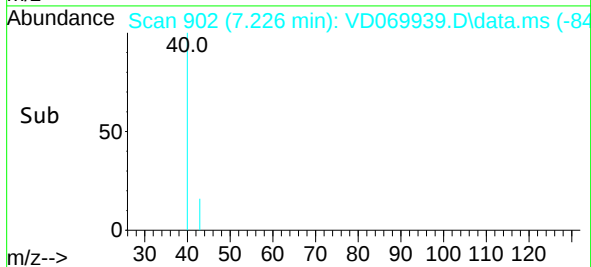
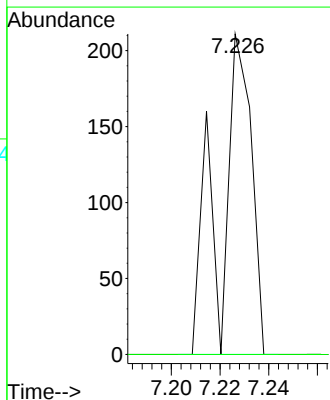
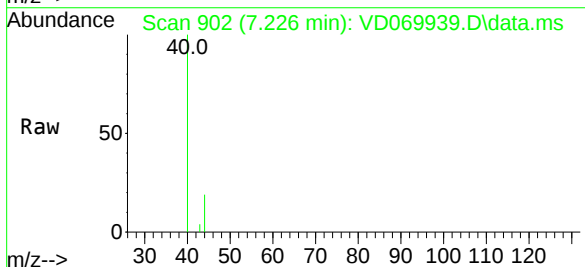
RT: 7.226 min Scan# 902

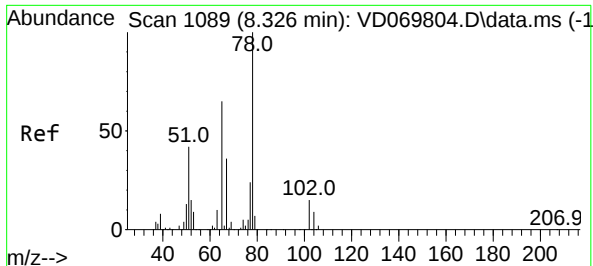
Delta R.T. 0.012 min

Lab File: VD069939.D

Acq: 30 Jul 2021 16:25

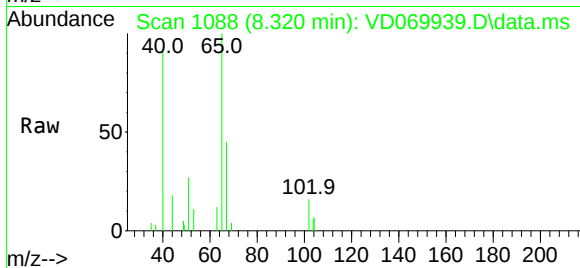
Tgt Ion:	43	Resp:	189
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#



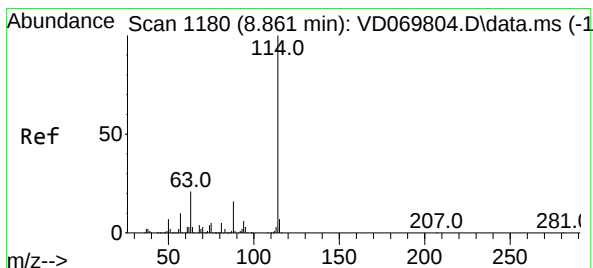
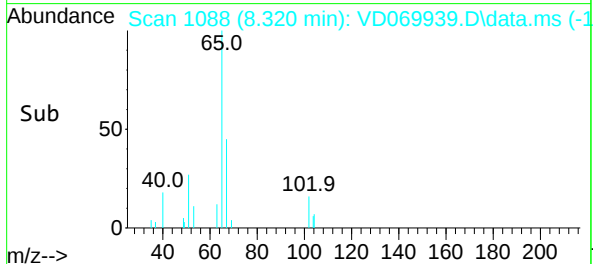
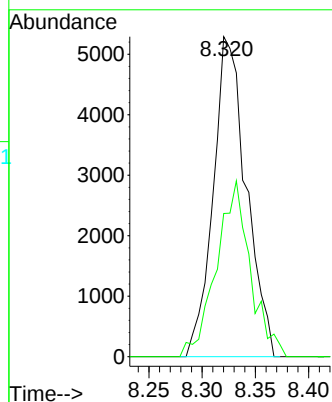


#33
1,2-Dichloroethane-d4
Concen: 84.507 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

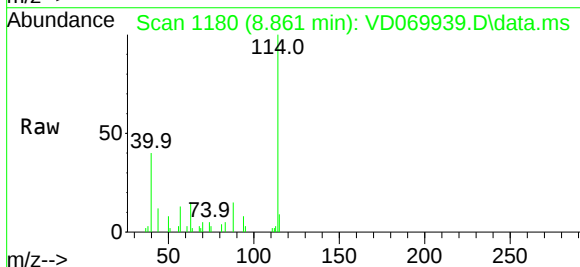
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6



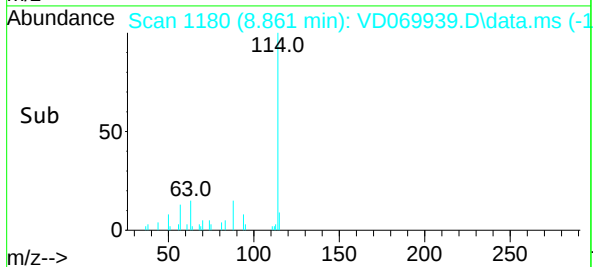
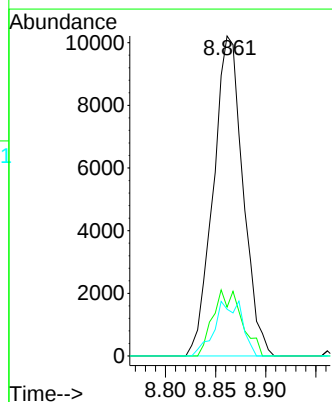
Tgt Ion: 65 Resp: 11384
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.2

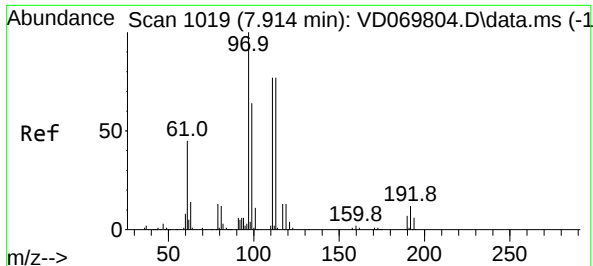


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25



Tgt Ion: 114 Resp: 20990
Ion Ratio Lower Upper
114 100
63 15.2 0.0 41.6
88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.877 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD069939.D

Acq: 30 Jul 2021 16:25

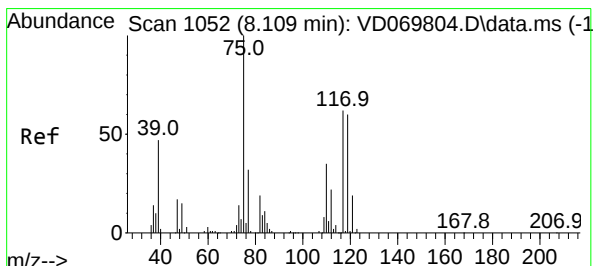
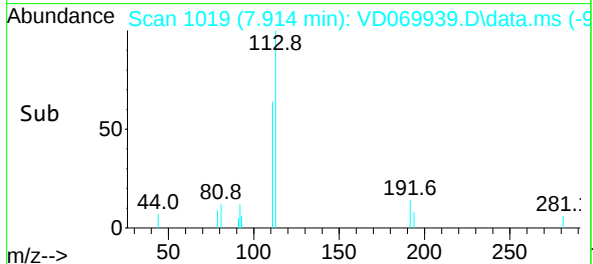
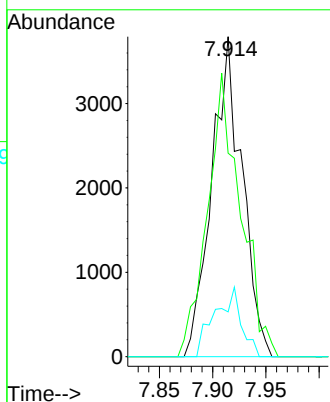
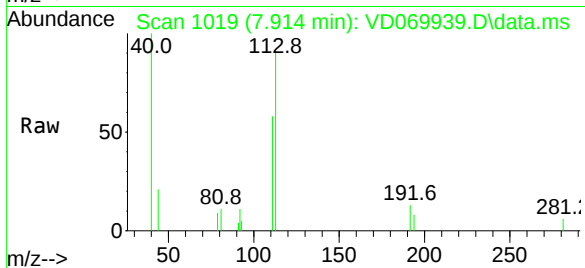
Tgt Ion:113 Resp: 7526

Ion Ratio Lower Upper

113 100

111 96.0 80.5 120.7

192 18.9 12.6 19.0



#36

1,1-Dichloropropene

Concen: 3.214 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD069939.D

Acq: 30 Jul 2021 16:25

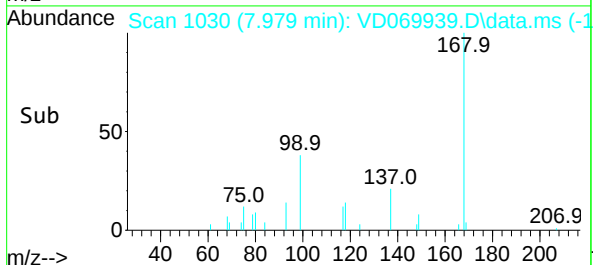
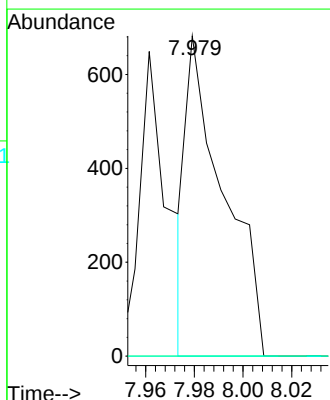
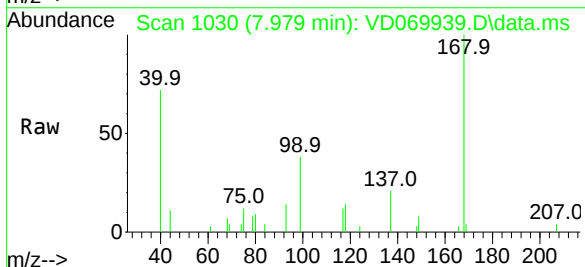
Tgt Ion: 75 Resp: 728

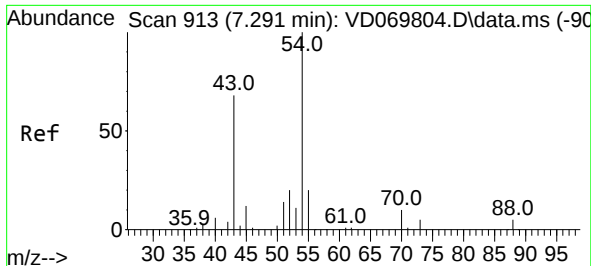
Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 0.0 24.9 37.3#

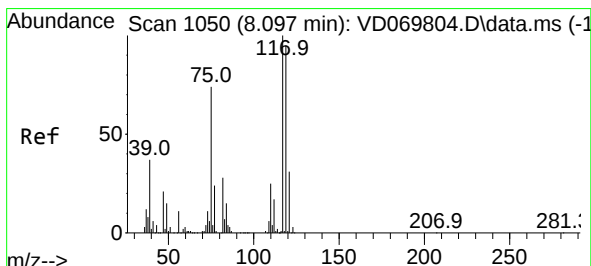
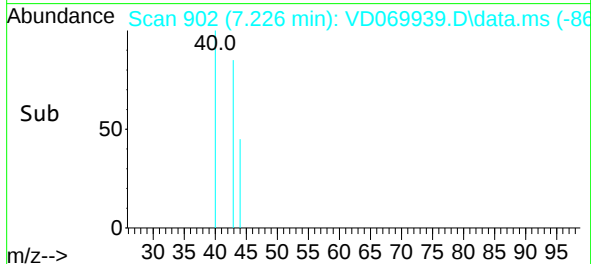
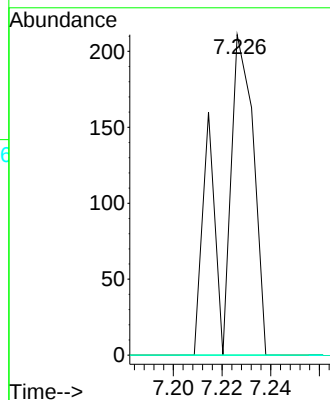
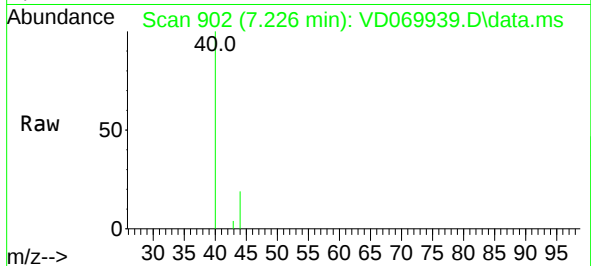




#37
Ethyl Acetate
Concen: 2.292 ug/l
RT: 7.226 min Scan# 902
Delta R.T. -0.065 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

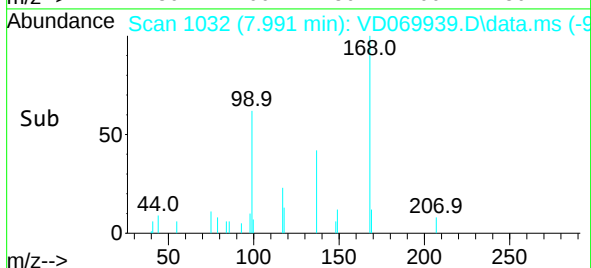
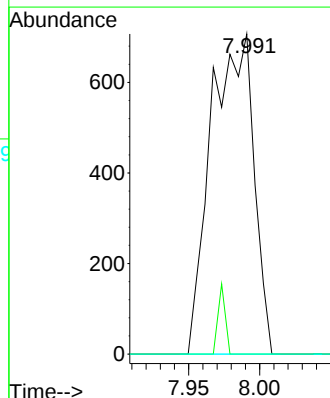
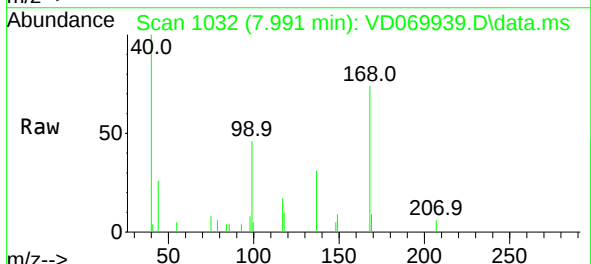
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

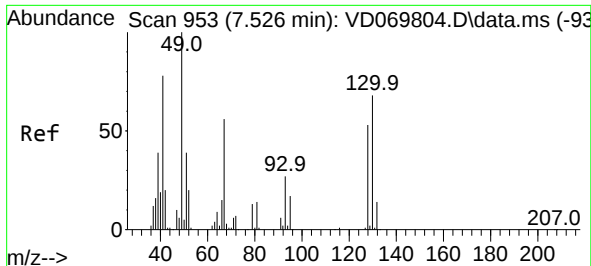
Tgt Ion: 43	Resp:	189
Ion Ratio	Lower	Upper
43	100	
61	0.0	11.8
70	0.0	8.9



#38
Carbon Tetrachloride
Concen: 7.143 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.106 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

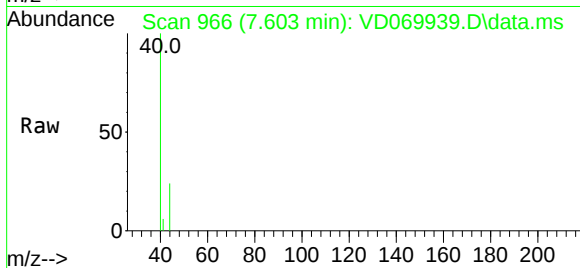
Tgt Ion: 117	Resp:	1478
Ion Ratio	Lower	Upper
117	100	
119	0.0	76.2
121	0.0	24.5



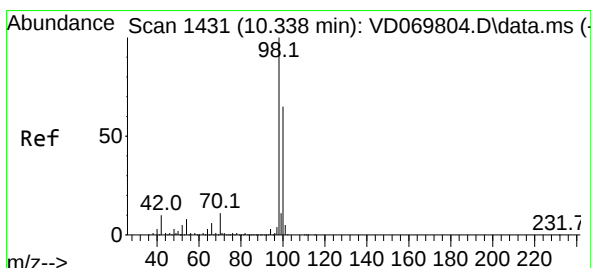
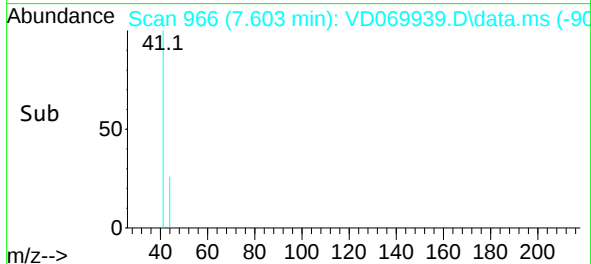
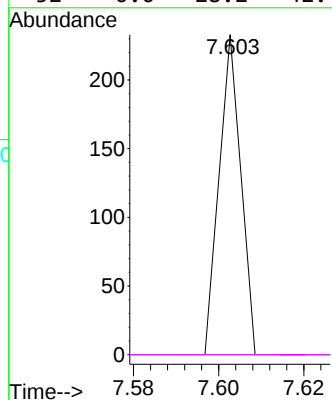


#41
Methacrylonitrile
Concen: 1.895 ug/l
RT: 7.603 min Scan# 966
Delta R.T. 0.076 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

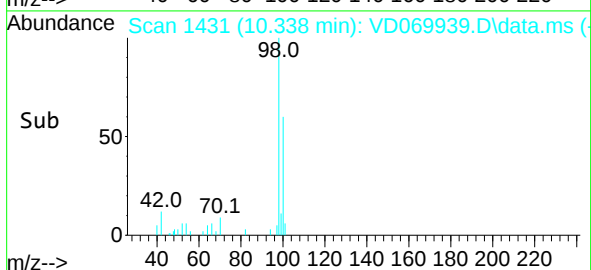
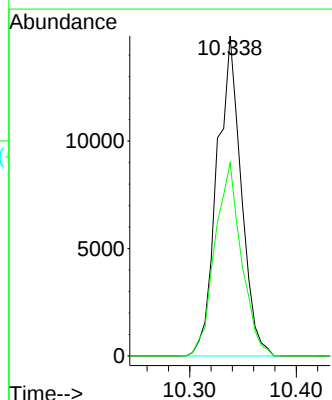
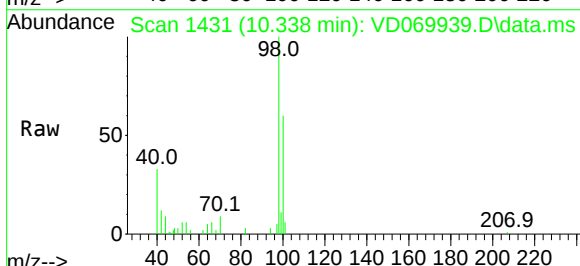


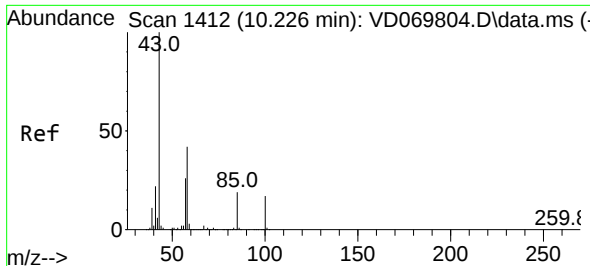
Tgt Ion:	41	Resp:	82
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.7	70.1#
67	0.0	69.3	103.9#
52	0.0	28.2	42.4#



#50
Toluene-d8
Concen: 46.033 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Tgt Ion:	98	Resp:	23487
Ion	Ratio	Lower	Upper
98	100		
100	66.3	51.9	77.9

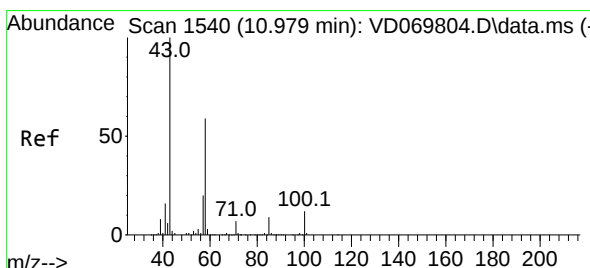
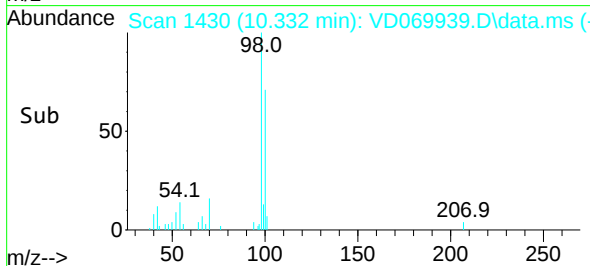
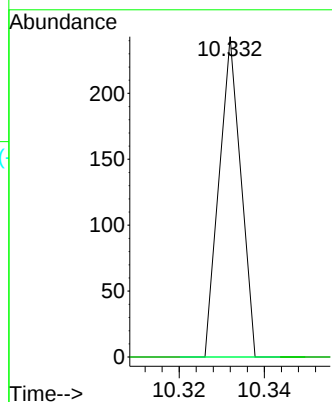
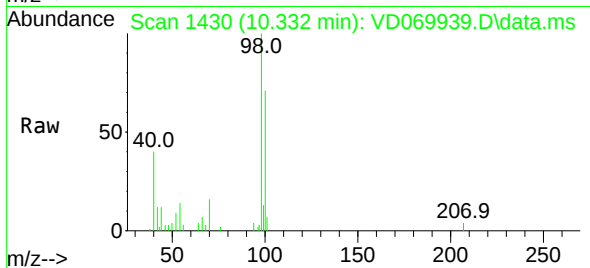




#51
4-Methyl-2-Pentanone
Concen: 1.117 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

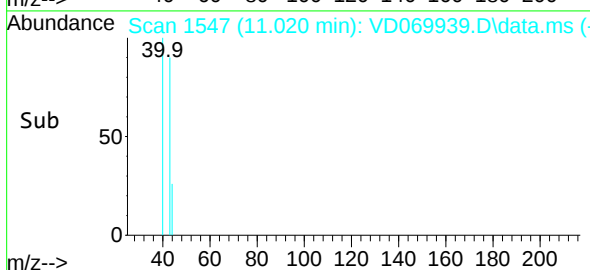
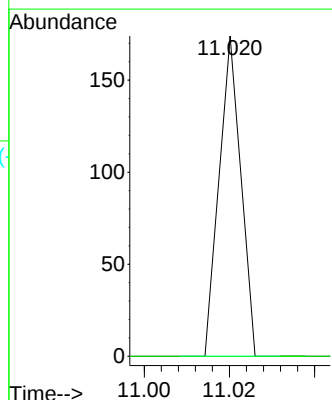
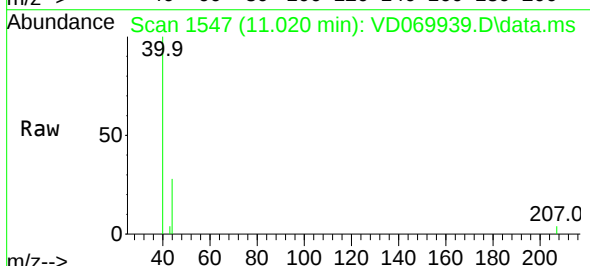
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

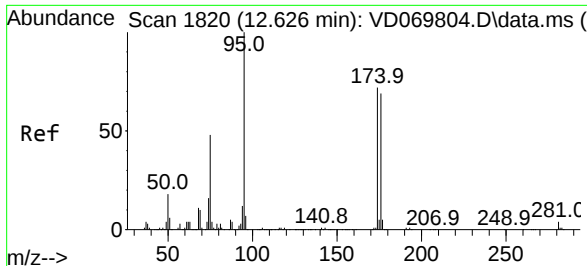
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 33.7 50.5#



#59
2-Hexanone
Concen: 1.198 ug/l
RT: 11.020 min Scan# 1547
Delta R.T. 0.041 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
58 0.0 29.4 88.3#

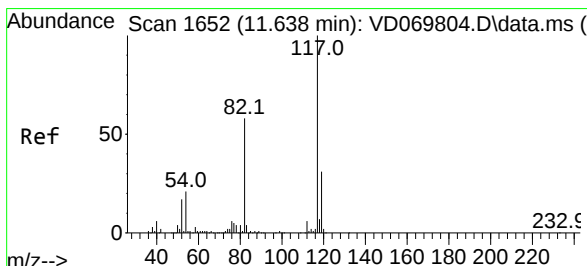
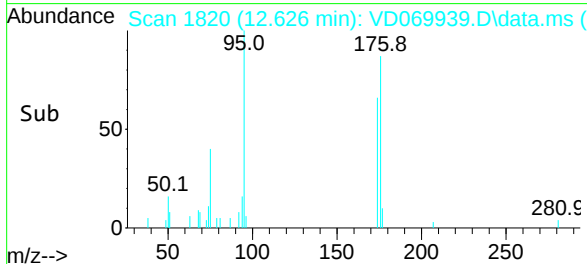
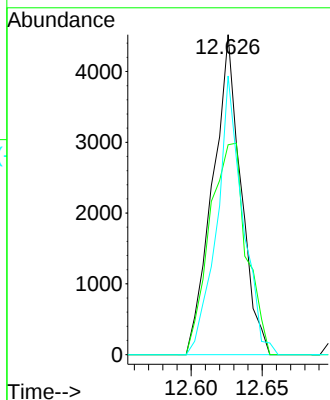
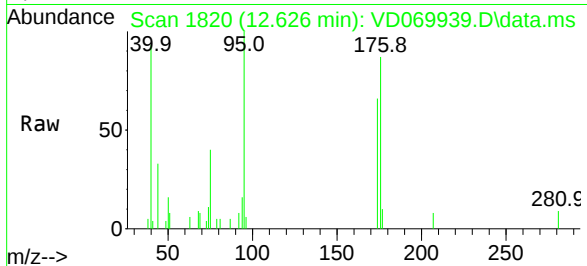




#62
4-Bromofluorobenzene
Concen: 36.594 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

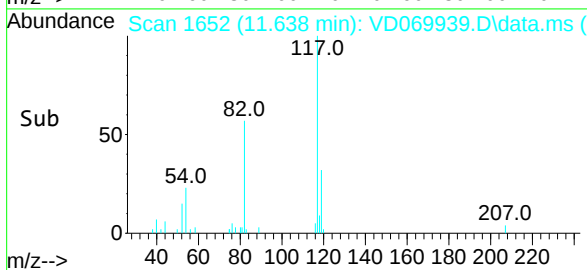
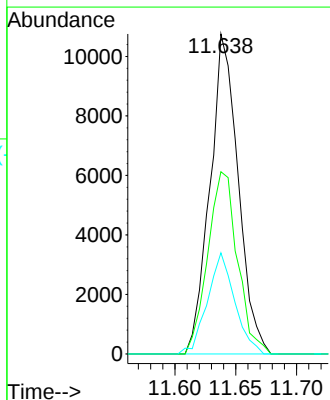
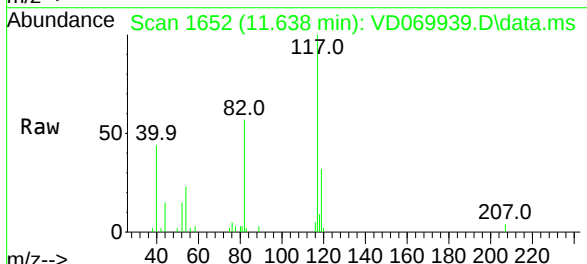
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

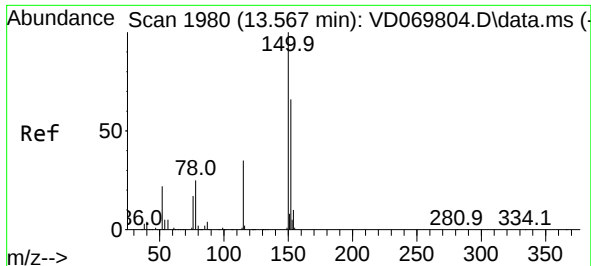
Tgt Ion:	95	Resp:	6240
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	142.6
176	79.9	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

Tgt Ion:	117	Resp:	17342
Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.3	69.5
119	31.6	24.7	37.1

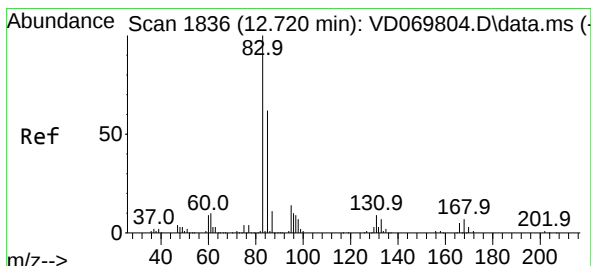
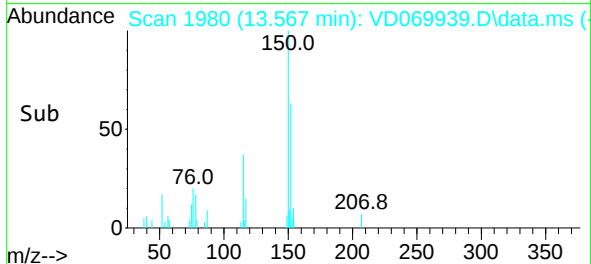
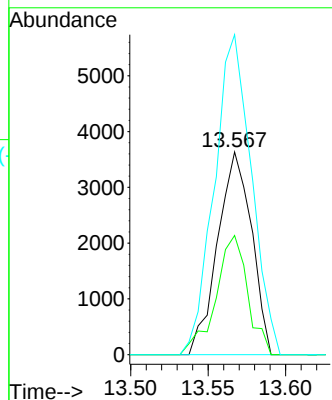
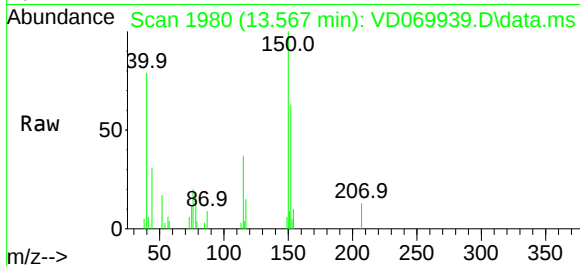




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069939.D
 Acq: 30 Jul 2021 16:25

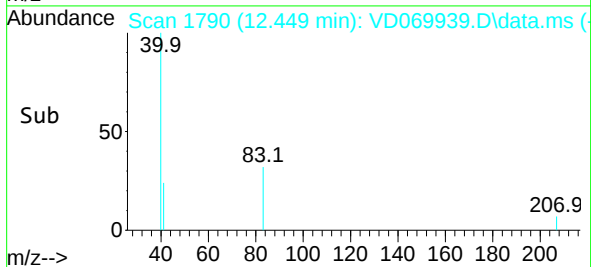
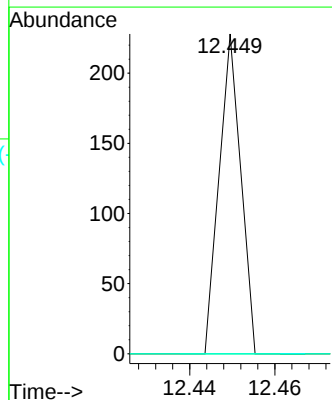
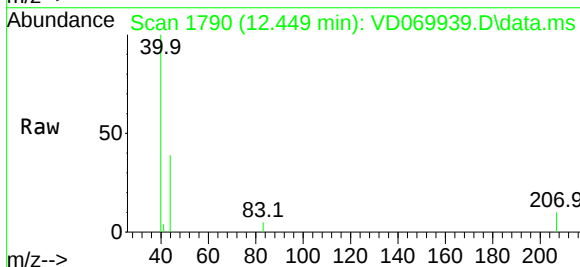
Instrument :
 MSVOA_D
 ClientSampleId :
 20210583-COM-6

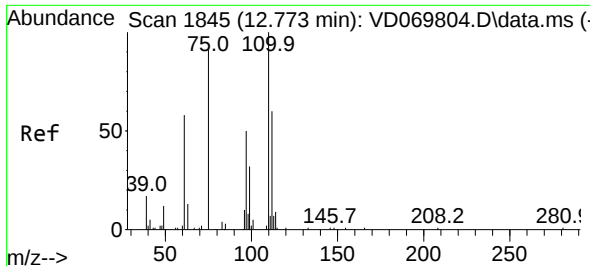
Tgt Ion:152 Resp: 5531
 Ion Ratio Lower Upper
 152 100
 115 55.1 31.1 93.3
 150 172.7 0.0 343.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.008 ug/l
 RT: 12.449 min Scan# 1790
 Delta R.T. -0.271 min
 Lab File: VD069939.D
 Acq: 30 Jul 2021 16:25

Tgt Ion: 83 Resp: 80
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.9 14.6#
 85 0.0 31.8 95.4#

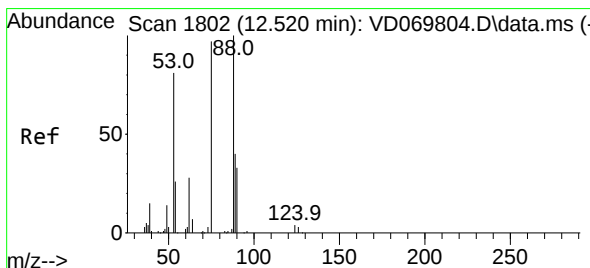
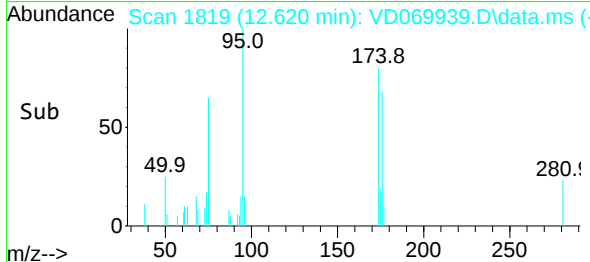
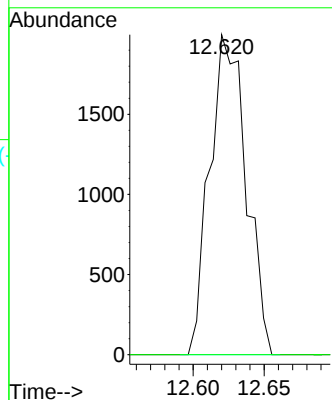
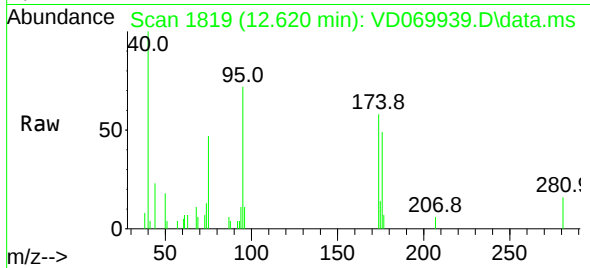




#76
1,2,3-Trichloropropane
Concen: 60.622 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

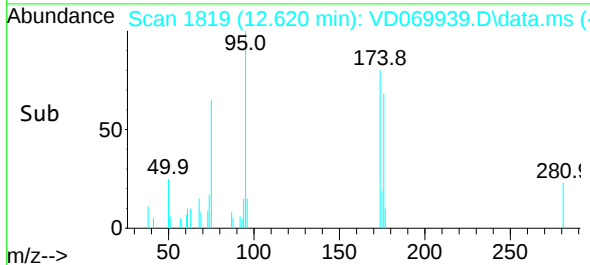
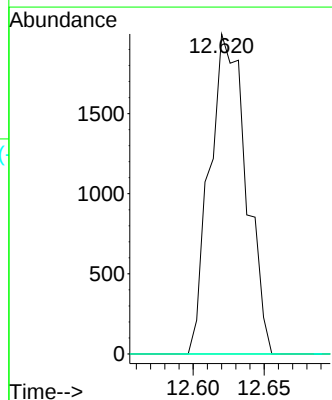
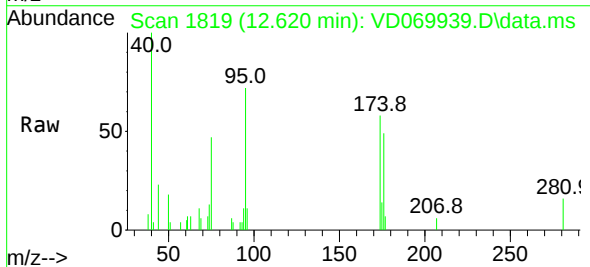
Instrument :
MSVOA_D
ClientSampleId :
20210583-COM-6

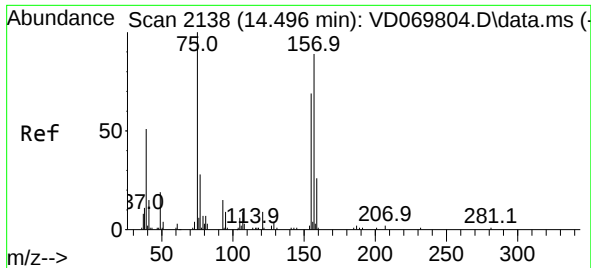
Tgt Ion: 75 Resp: 3564
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 183.911 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD069939.D
Acq: 30 Jul 2021 16:25

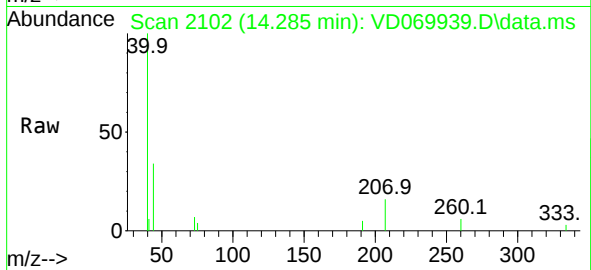
Tgt Ion: 75 Resp: 3564
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.650 ug/l
 RT: 14.285 min Scan# 2102
 Delta R.T. -0.212 min
 Lab File: VD069939.D
 Acq: 30 Jul 2021 16:25

Instrument :
 MSVOA_D
 ClientSampleId :
 20210583-COM-6



Tgt Ion: 75	Resp:	76
Ion Ratio	Lower	Upper
75	100	
155	0.0	36.3 108.9#
157	0.0	47.0 141.0#

