

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069355.D
 Acq On : 04 Jun 2021 19:37
 Operator : VA/SY
 Sample : M2612-08
 Misc : 10.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(34-38)

Quant Time: Jun 05 00:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

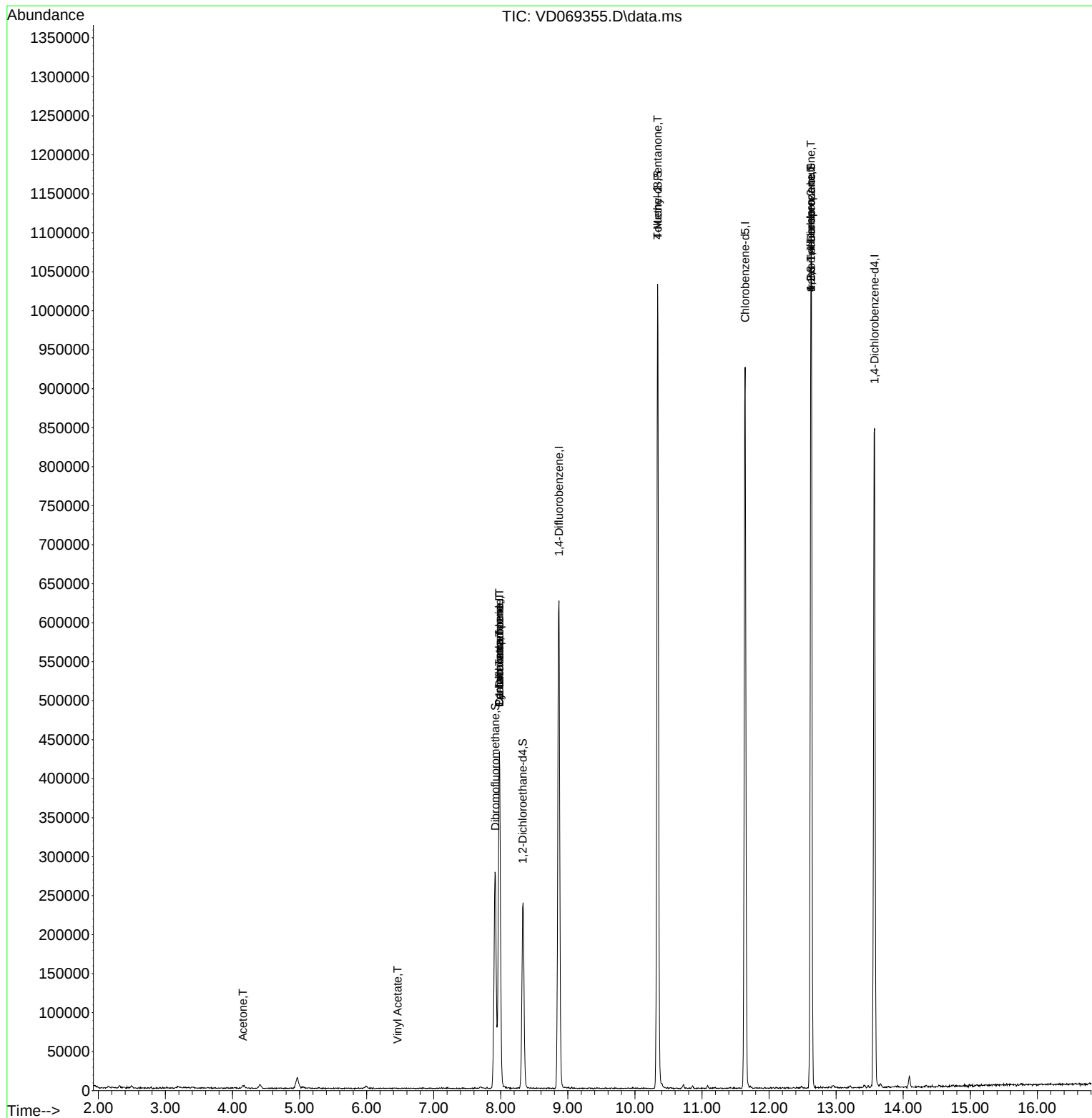
Internal Standards						
1) Pentafluorobenzene	7.979	168	318803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	569896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	568711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189531	61.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.920%	
35) Dibromofluoromethane	7.920	113	200211	55.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.880%	
50) Toluene-d8	10.338	98	712262	54.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.460%	
62) 4-Bromofluorobenzene	12.626	95	240009	56.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	177	Below Cal	#	73
16) Acetone	4.156	43	6294	11.791	ug/l	89
20) Methylene Chloride	4.962	84	11048	Below Cal	#	89
23) Vinyl Acetate	6.461	43	60	11.624	ug/l	# 67
31) Cyclohexane	7.979	56	6877	1.415	ug/l	# 1
36) 1,1-Dichloropropene	7.979	75	25042	4.521	ug/l	# 48
38) Carbon Tetrachloride	7.979	117	33283	5.565	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.338	43	2906	1.644	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	123469	58.477	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	123469	129.584	ug/l	# 19

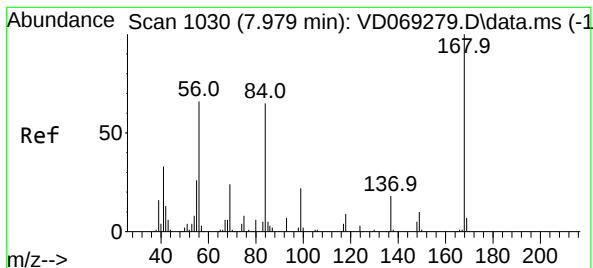
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069355.D
Acq On : 04 Jun 2021 19:37
Operator : VA/SY
Sample : M2612-08
Misc : 10.46G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

Quant Time: Jun 05 00:37:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

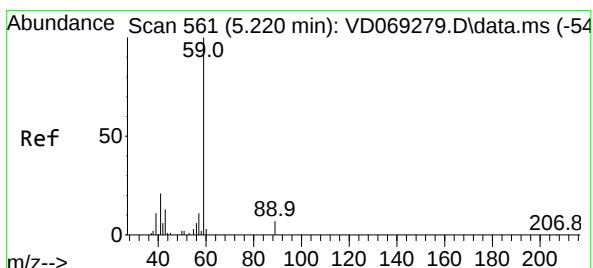
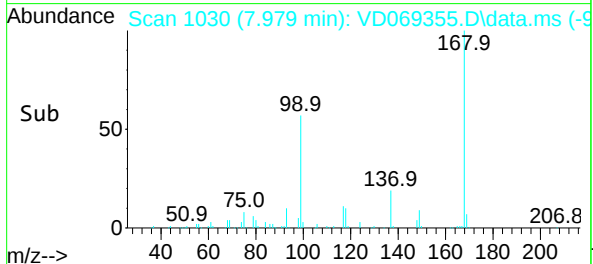
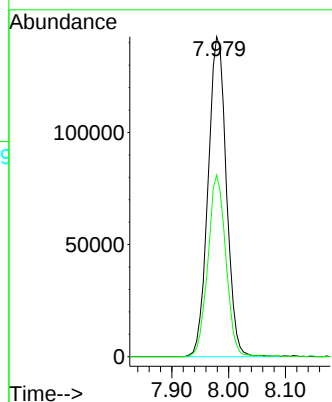
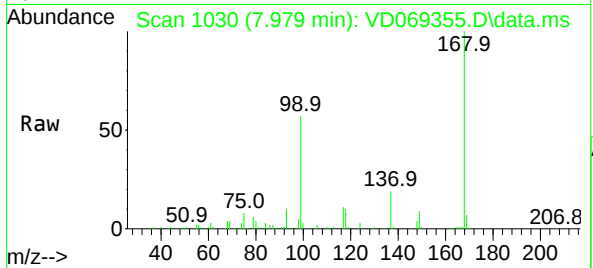




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

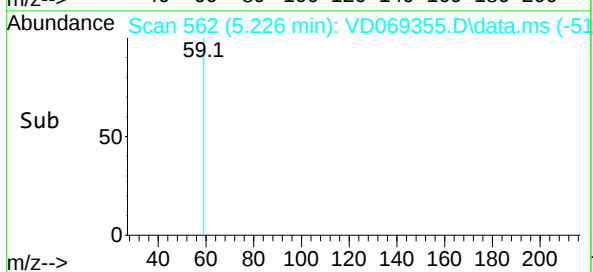
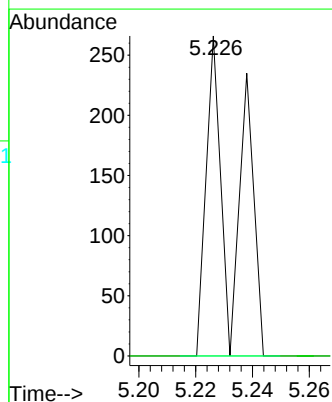
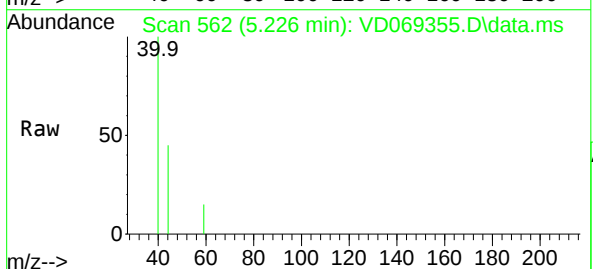
Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

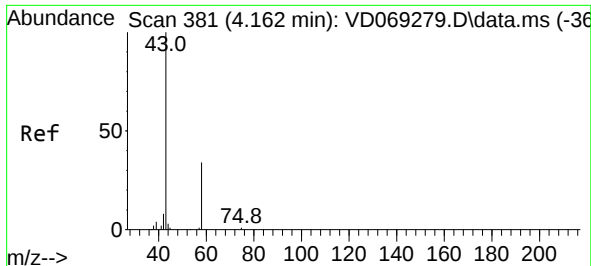
Tgt Ion:168 Resp: 318803
Ion Ratio Lower Upper
168 100
99 56.8 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

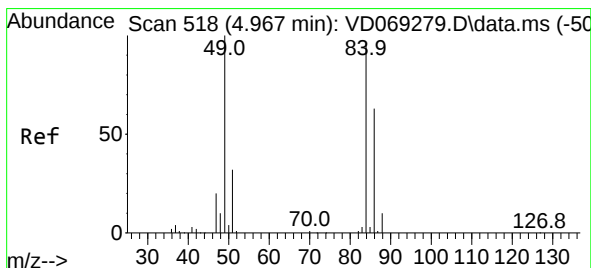
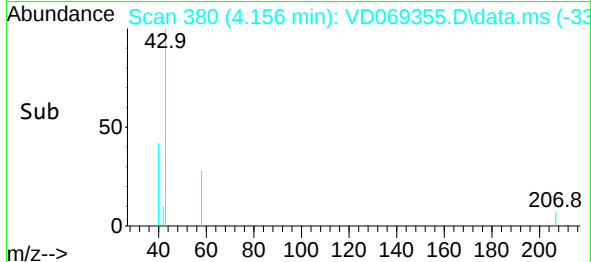
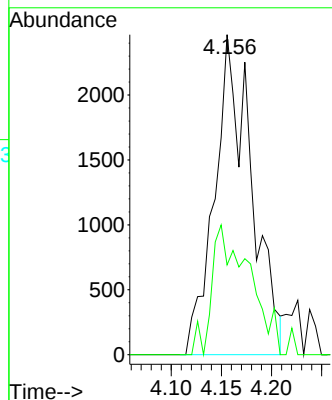
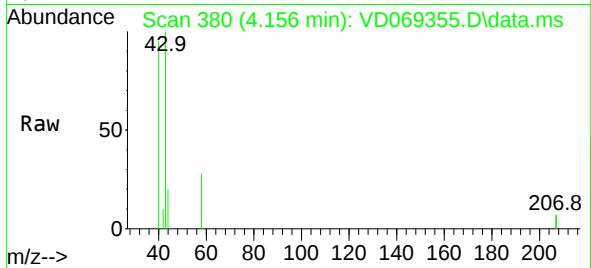




#16
Acetone
Concen: 11.791 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

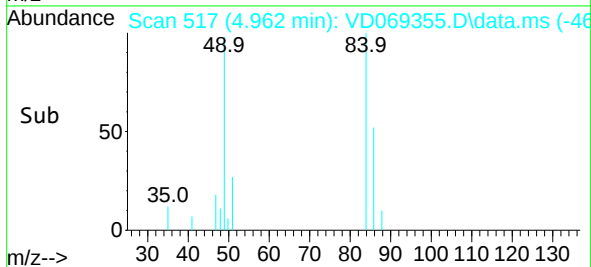
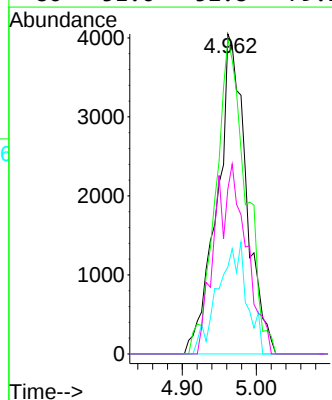
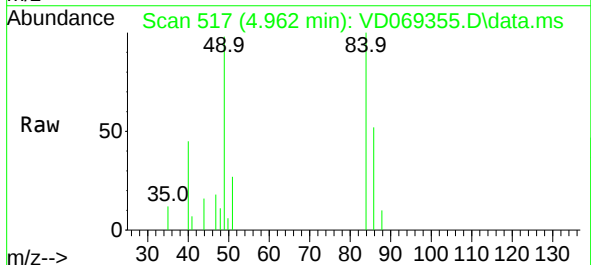
Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

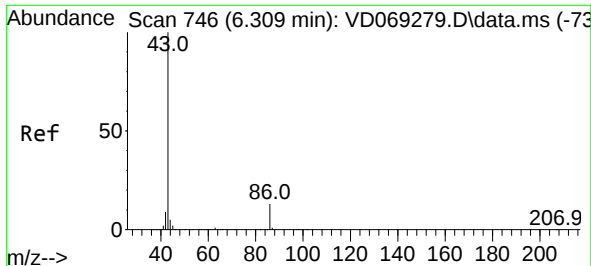
Tgt Ion: 43 Resp: 6294
Ion Ratio Lower Upper
43 100
58 28.1 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 84 Resp: 11048
Ion Ratio Lower Upper
84 100
49 98.3 83.7 125.5
51 27.3 26.4 39.6
86 51.6 52.8 79.2#

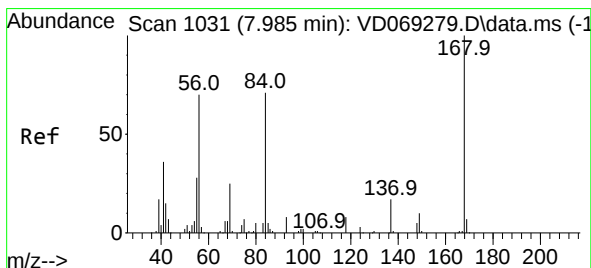
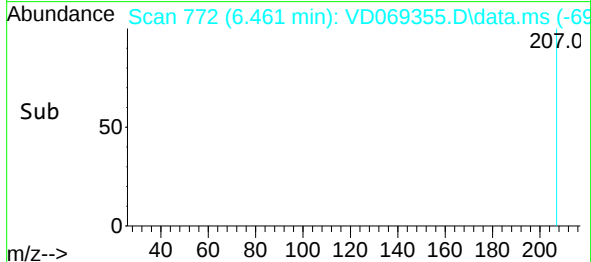
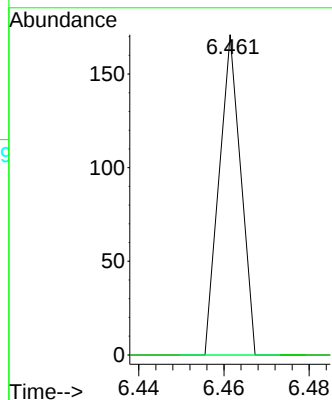
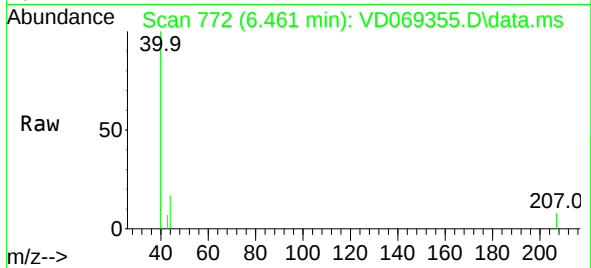




#23
 Vinyl Acetate
 Concen: 11.624 ug/l
 RT: 6.461 min Scan# 772
 Delta R.T. 0.152 min
 Lab File: VD069355.D
 Acq: 04 Jun 2021 19:37

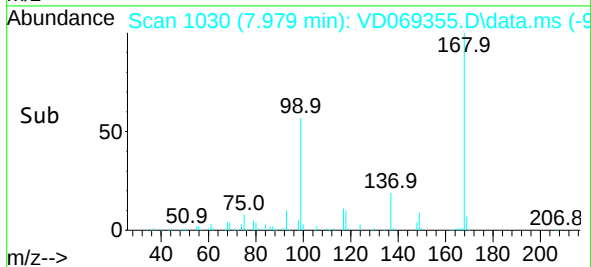
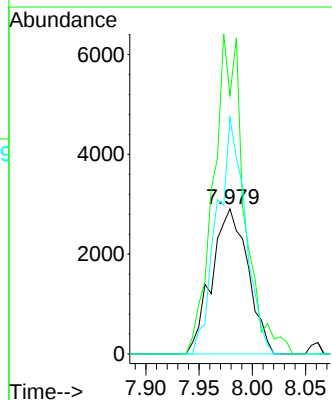
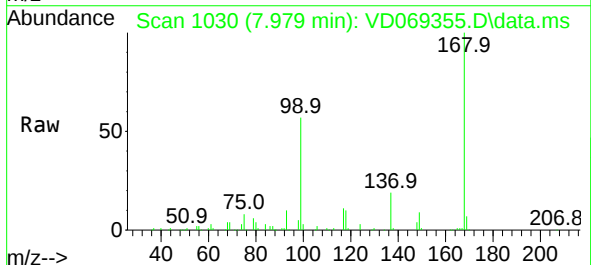
Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(34-38)

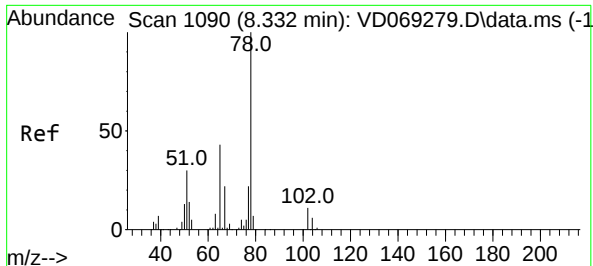
Tgt Ion: 43 Resp: 60
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#31
 Cyclohexane
 Concen: 1.415 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069355.D
 Acq: 04 Jun 2021 19:37

Tgt Ion: 56 Resp: 6877
 Ion Ratio Lower Upper
 56 100
 69 178.0 29.0 43.4#
 84 162.7 81.1 121.7#

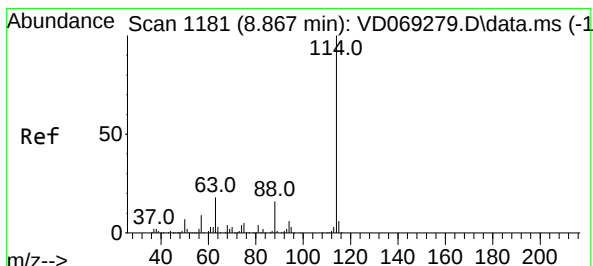
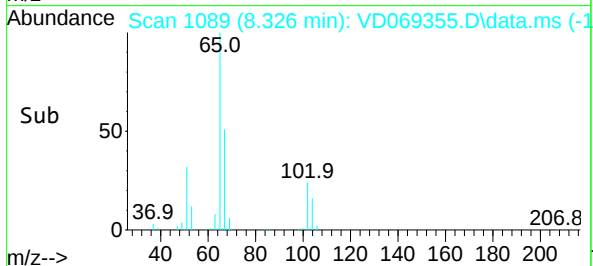
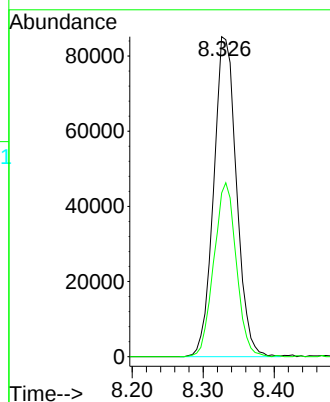
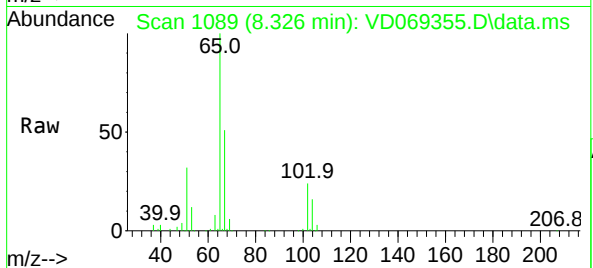




#33
1,2-Dichloroethane-d4
Concen: 61.959 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

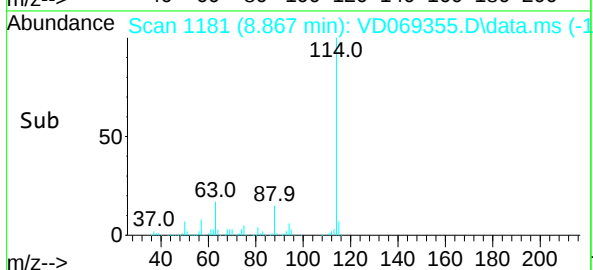
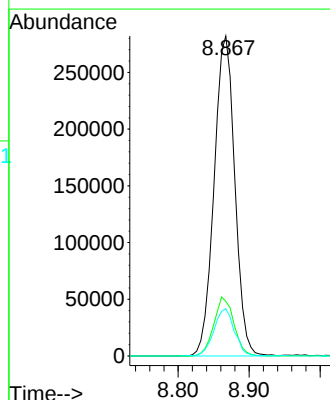
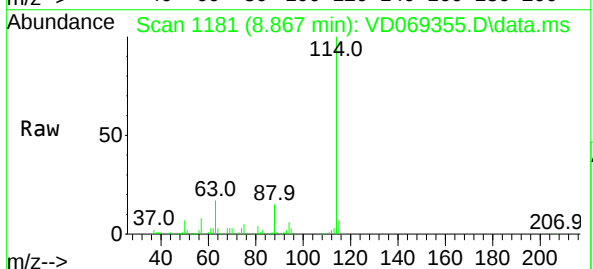
Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

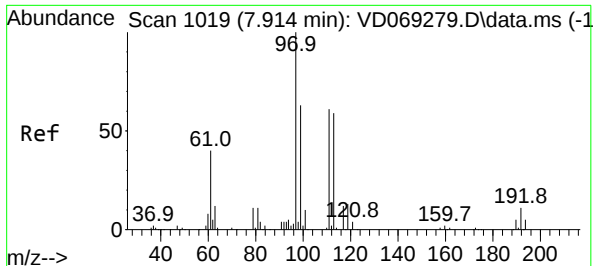
Tgt Ion: 65 Resp: 189531
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 114 Resp: 569896
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.6
88 14.7 0.0 31.2



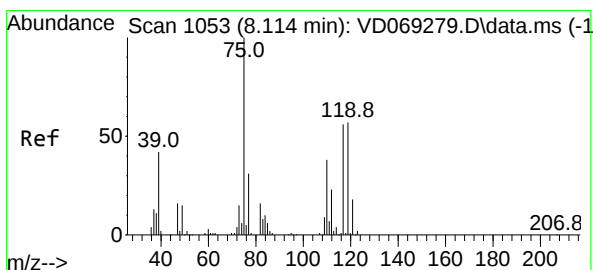
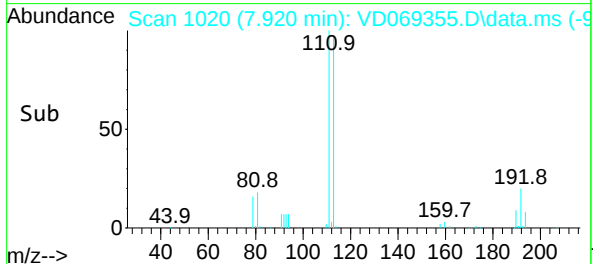
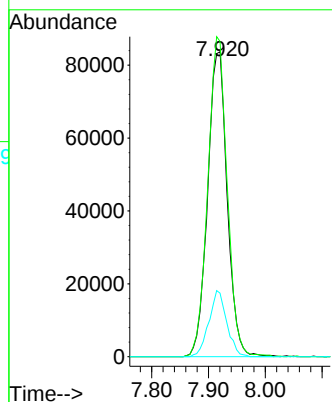
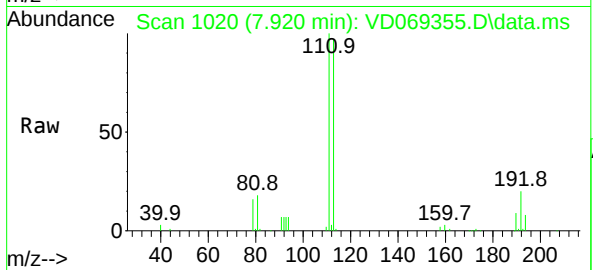


#35

Dibromofluoromethane
Concen: 55.943 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

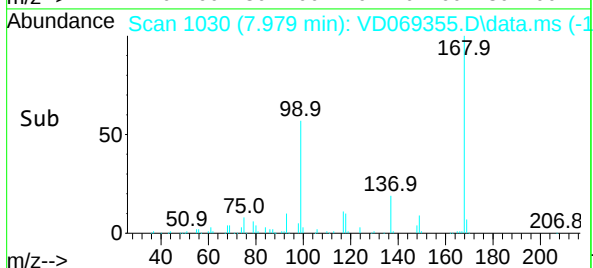
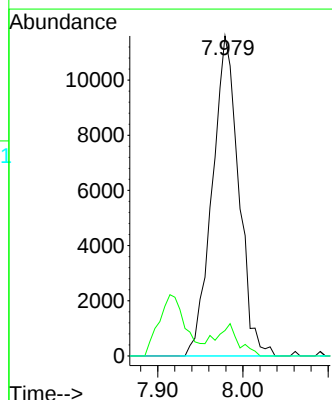
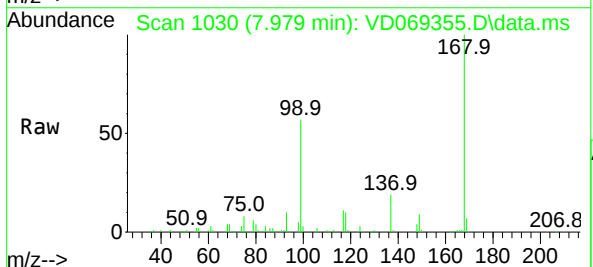
Tgt Ion:113 Resp: 200211
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.6
192 19.7 15.1 22.7

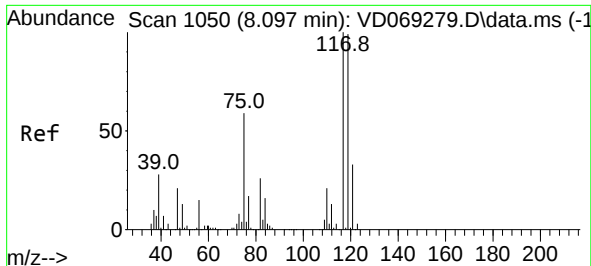


#36

1,1-Dichloropropene
Concen: 4.521 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 75 Resp: 25042
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.9 37.3#

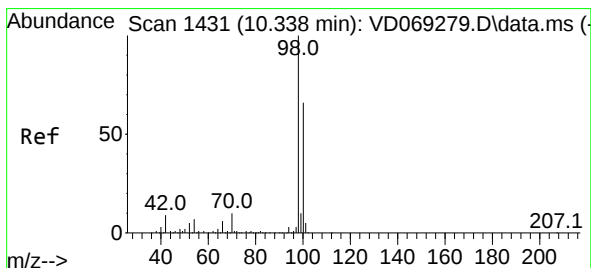
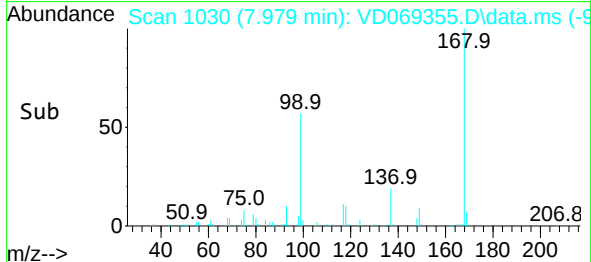
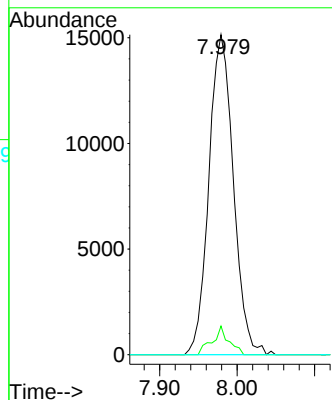
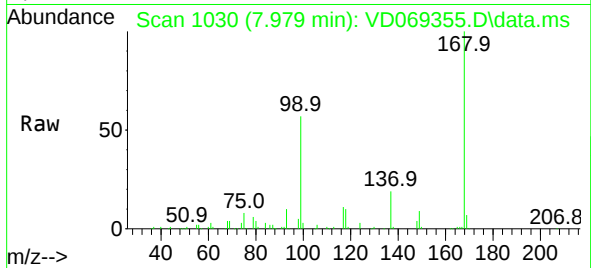




#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

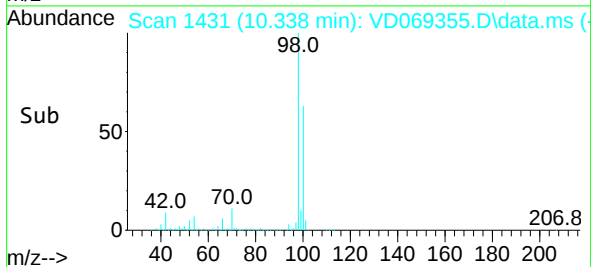
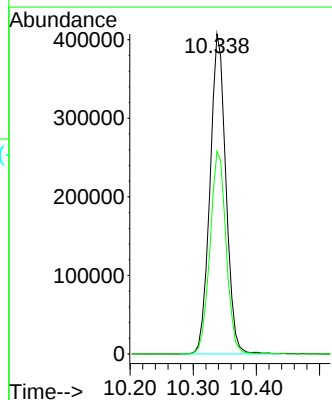
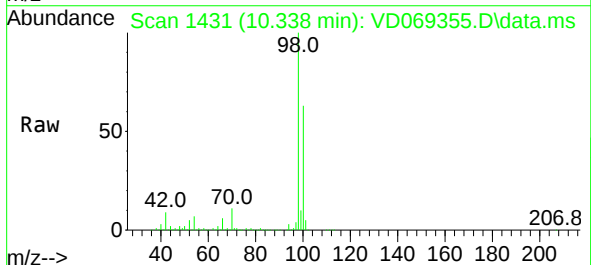
Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

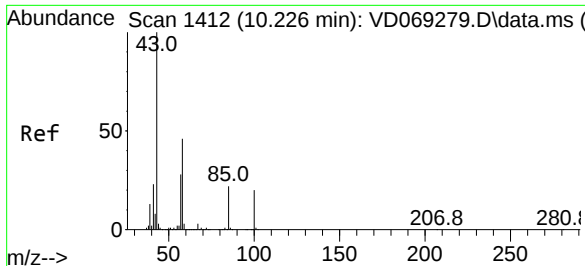
Tgt Ion:117 Resp: 33283
Ion Ratio Lower Upper
117 100
119 8.9 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 54.731 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 98 Resp: 712262
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

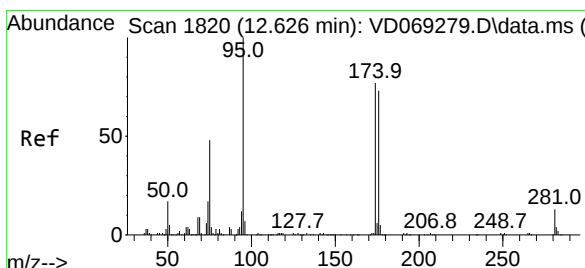
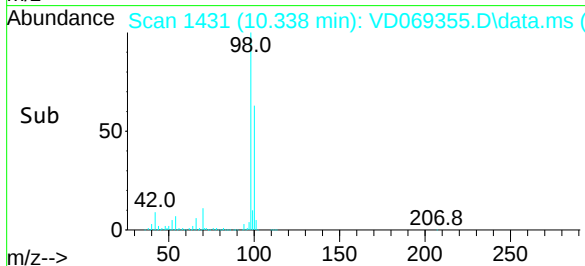
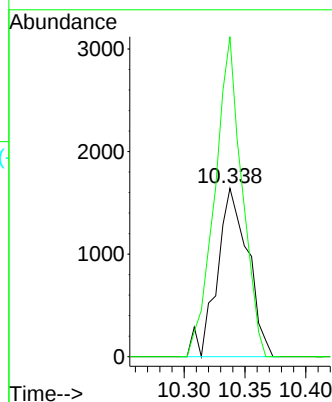
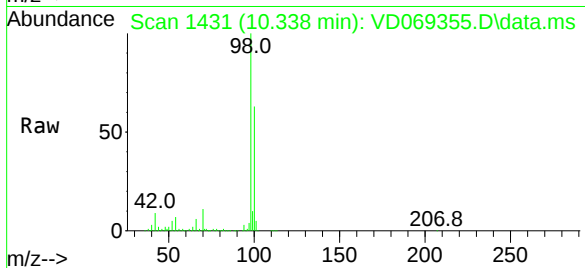




#51
4-Methyl-2-Pentanone
Concen: 1.644 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

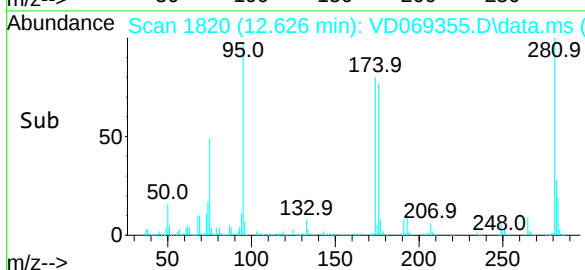
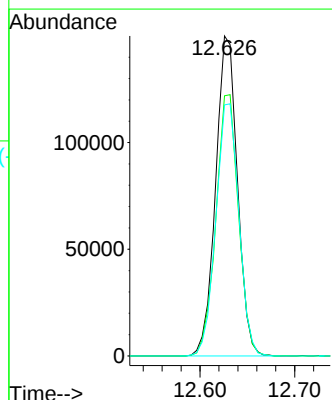
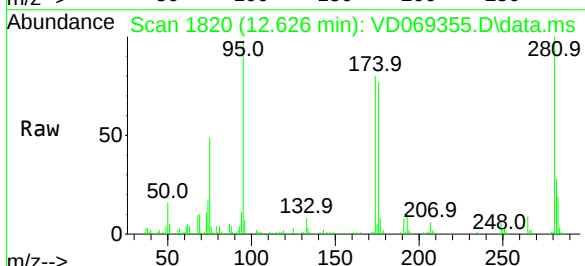
Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

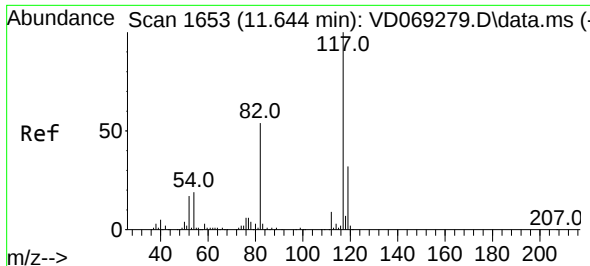
Tgt Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
58 166.9 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 56.283 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 95 Resp: 240009
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.8
176 83.1 0.0 154.4

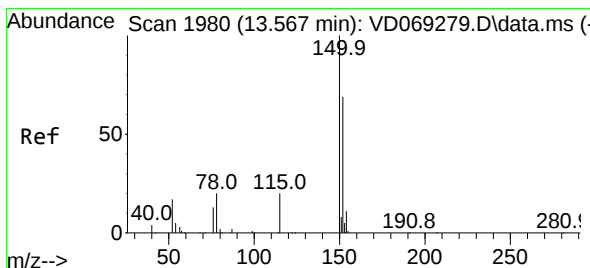
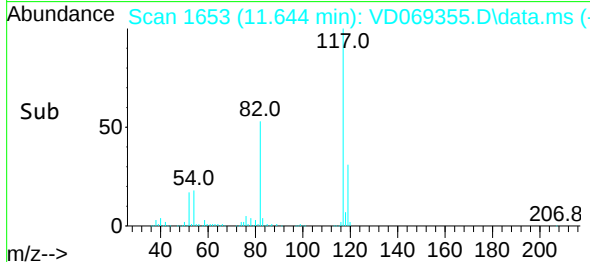
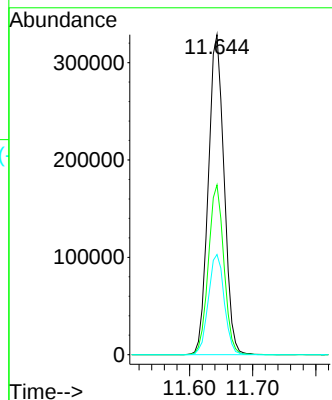
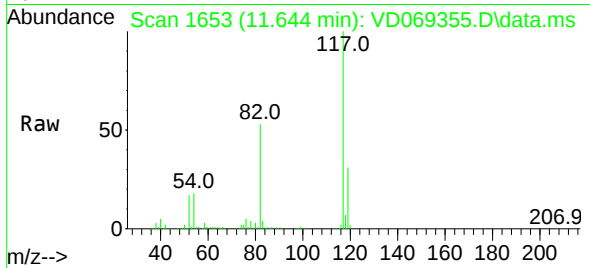




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

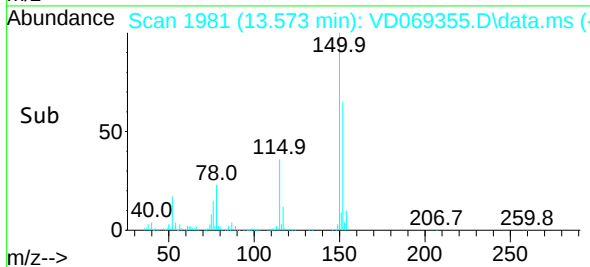
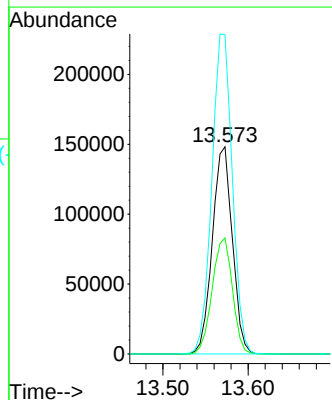
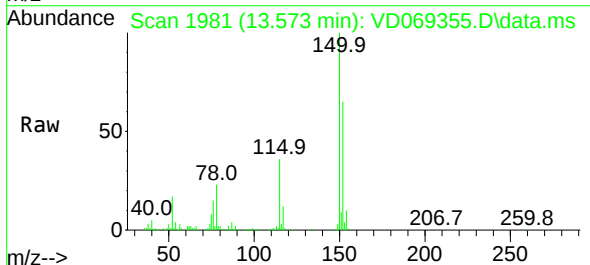
Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

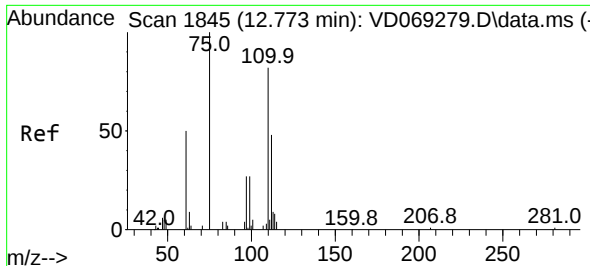
Tgt Ion:	117	Resp:	568711
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.3	64.9
119	31.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion:	152	Resp:	243019
Ion	Ratio	Lower	Upper
152	100		
115	56.4	29.4	88.3
150	157.2	0.0	355.0

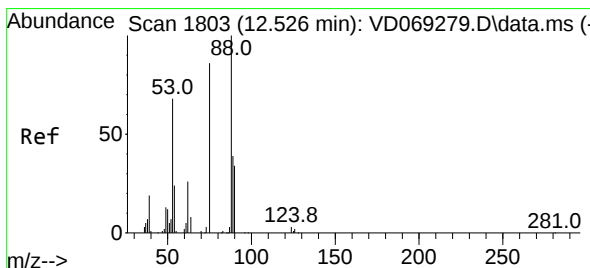
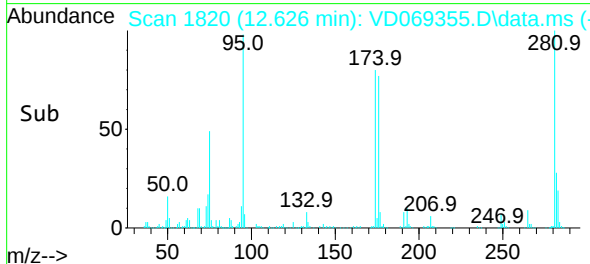
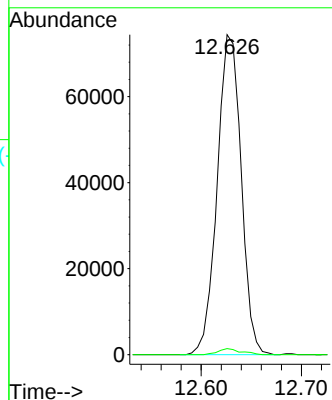
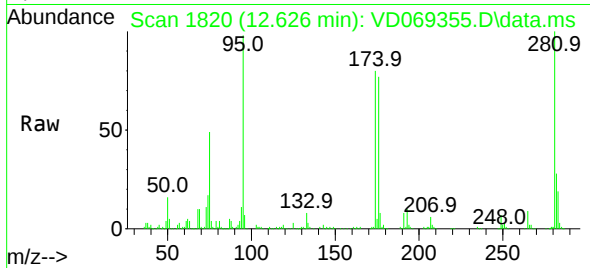




#76
1,2,3-Trichloropropane
Concen: 58.477 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Instrument :
MSVOA_D
ClientSampleId :
18-B12(34-38)

Tgt Ion: 75 Resp: 123469
Ion Ratio Lower Upper
75 100
77 1.8 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.584 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069355.D
Acq: 04 Jun 2021 19:37

Tgt Ion: 75 Resp: 123469
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 1.1 35.6 53.4#

