

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069379.D
 Acq On : 07 Jun 2021 20:30
 Operator : VA/SY
 Sample : M2625-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(162-166)

Quant Time: Jun 08 04:24:29 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)

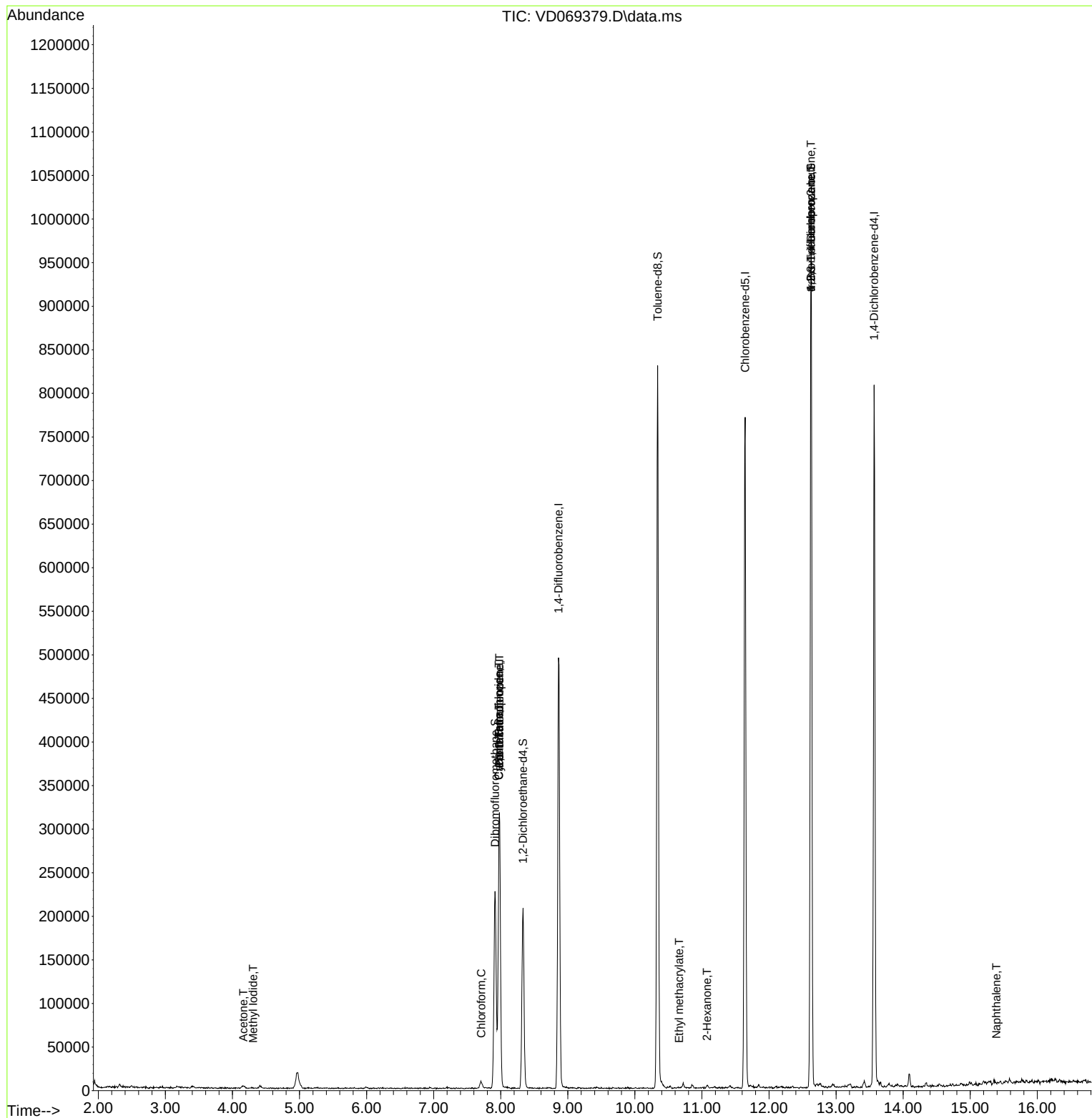
Internal Standards						
1) Pentafluorobenzene	7.979	168	239879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	445006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	472251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	215939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163408	70.99	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.98%			
35) Dibromofluoromethane	7.914	113	164047	58.70	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.40%			
50) Toluene-d8	10.338	98	567227	55.82	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.64%			
62) 4-Bromofluorobenzene	12.626	95	200525	60.22	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.44%			
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	66	2.53	ug/l #	39
11) Tert butyl alcohol	5.220	59	528	Below Cal	#	73
16) Acetone	4.162	43	5959	14.84	ug/l #	84
20) Methylene Chloride	4.967	84	15432	Below Cal		90
30) Chloroform	7.708	83	5142	1.01	ug/l	92
31) Cyclohexane	7.973	56	4824	1.32	ug/l #	9
36) 1,1-Dichloropropene	7.979	75	19948	4.61	ug/l #	49
38) Carbon Tetrachloride	7.973	117	24690	5.29	ug/l #	14
56) Ethyl methacrylate	10.661	69	56	2.66	ug/l #	1
59) 2-Hexanone	11.073	43	1478	1.60	ug/l #	20
76) 1,2,3-Trichloropropane	12.626	75	102324	54.54	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	102324	120.86	ug/l #	19
95) Naphthalene	15.390	128	162	3.32	ug/l #	69

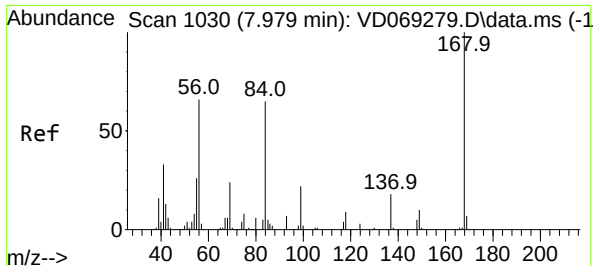
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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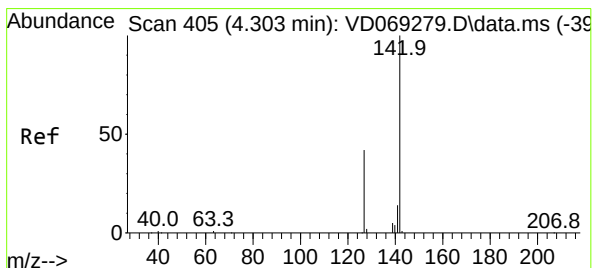
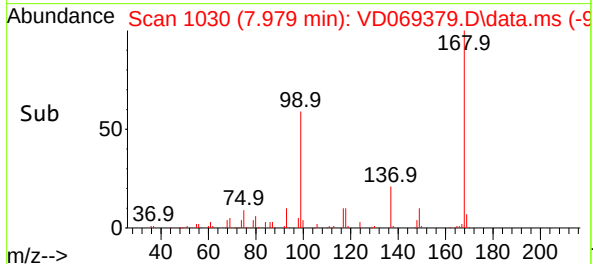
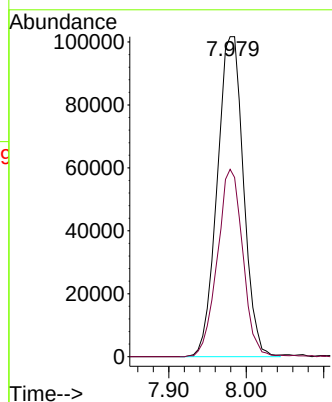
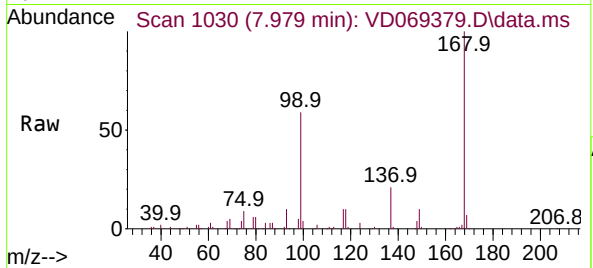




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

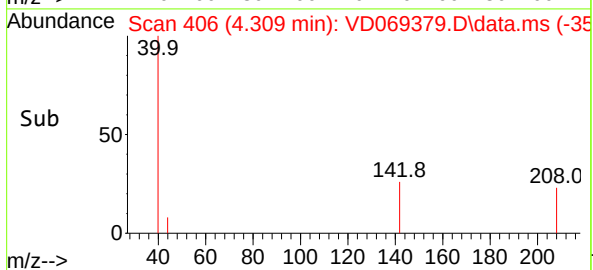
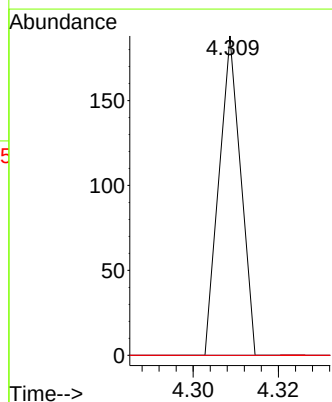
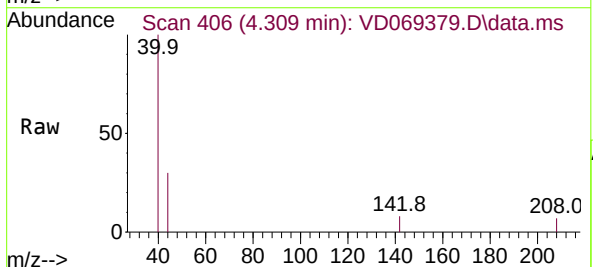
Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

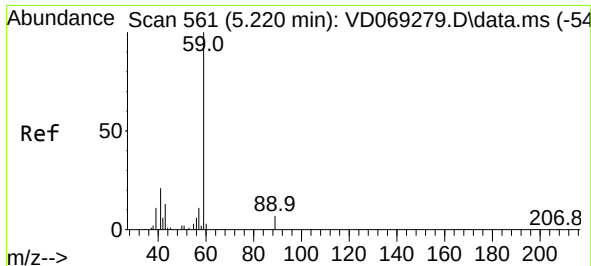
Tgt Ion:168 Resp: 239879
Ion Ratio Lower Upper
168 100
99 58.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.53 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



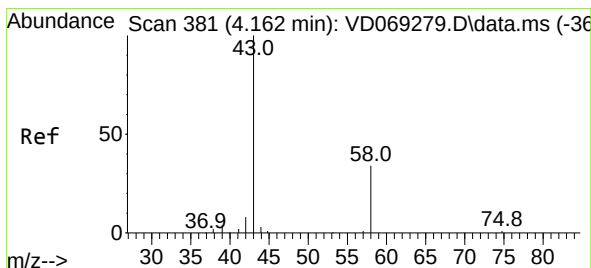
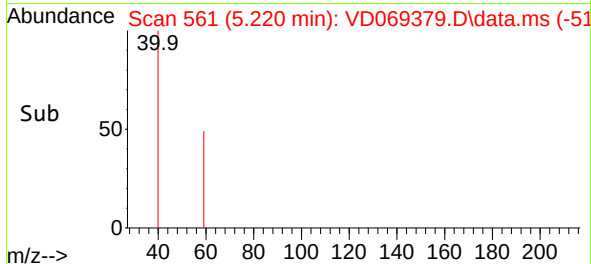
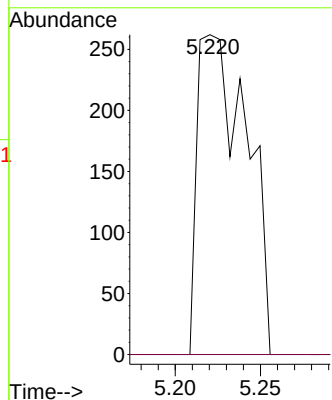
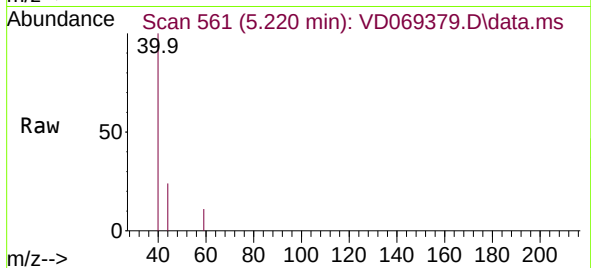


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

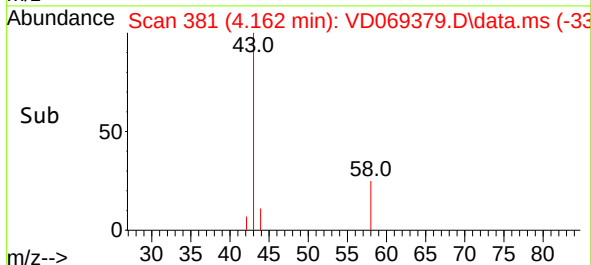
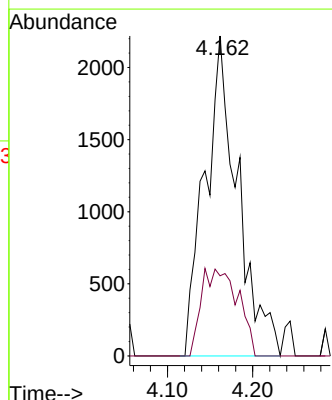
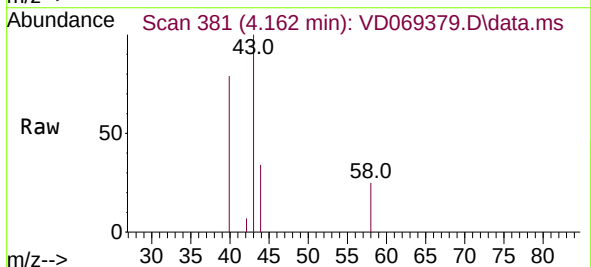
Tgt Ion: 59 Resp: 528
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

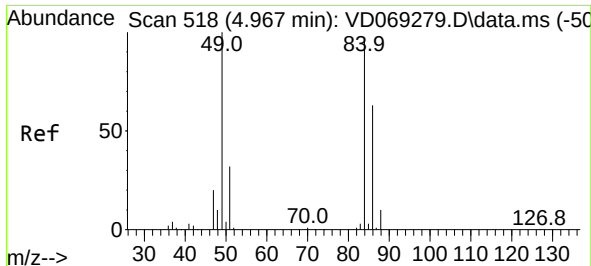


#16

Acetone
Concen: 14.84 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion: 43 Resp: 5959
Ion Ratio Lower Upper
43 100
58 25.1 27.5 41.3#

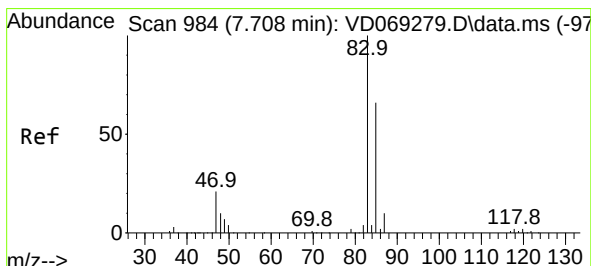
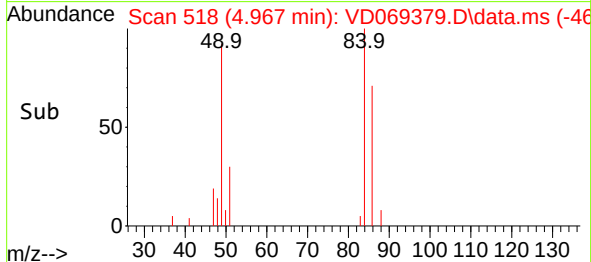
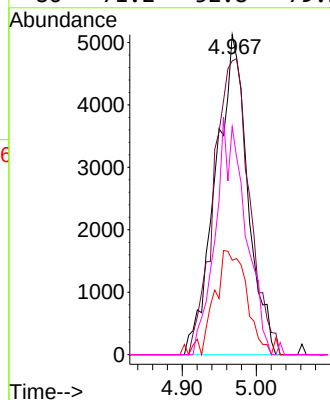
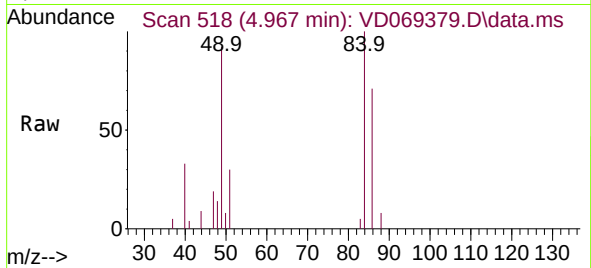




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

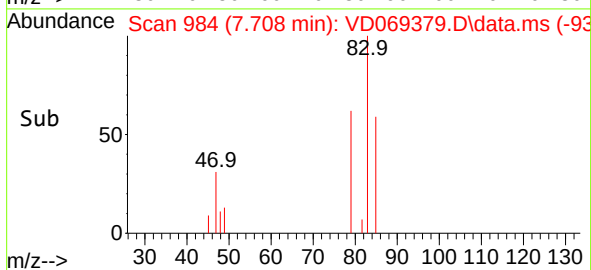
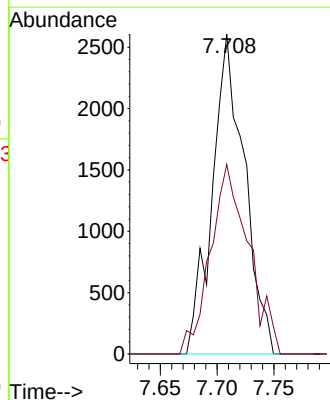
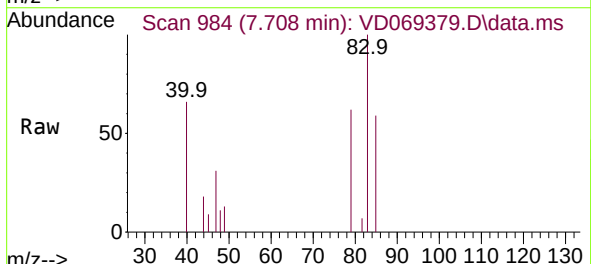
Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

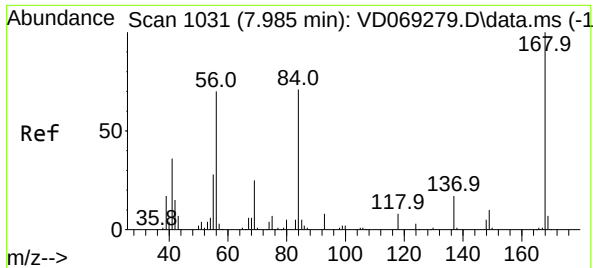
Tgt Ion:	84	Resp:	15432
Ion	Ratio	Lower	Upper
84	100		
49	91.8	83.7	125.5
51	29.5	26.4	39.6
86	71.2	52.8	79.2



#30
Chloroform
Concen: 1.01 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion:	83	Resp:	5142
Ion	Ratio	Lower	Upper
83	100		
85	59.2	52.6	78.8

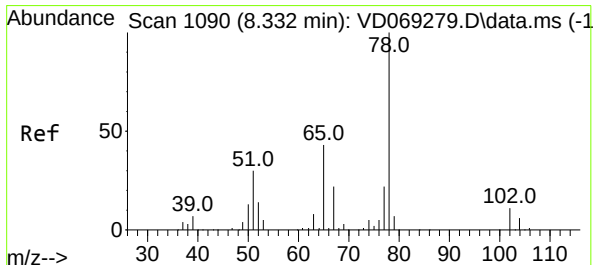
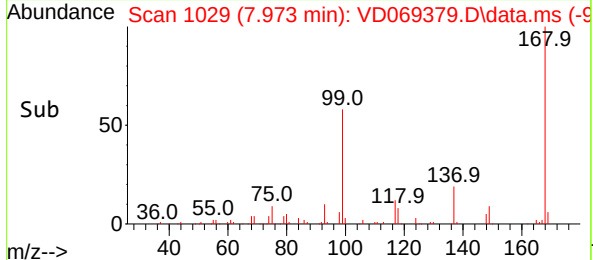
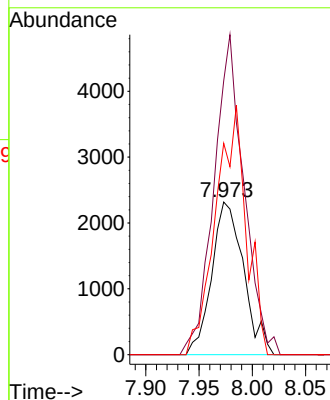
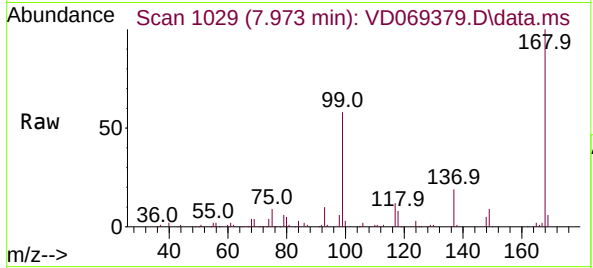




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

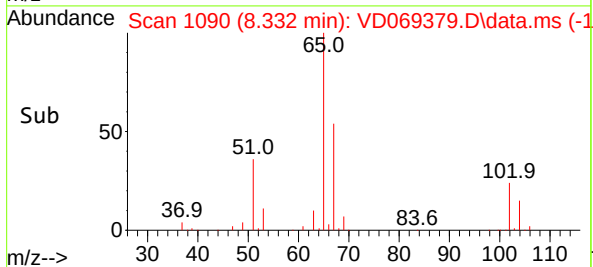
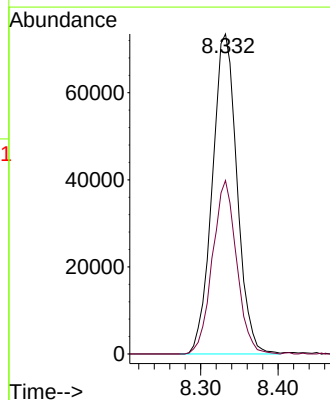
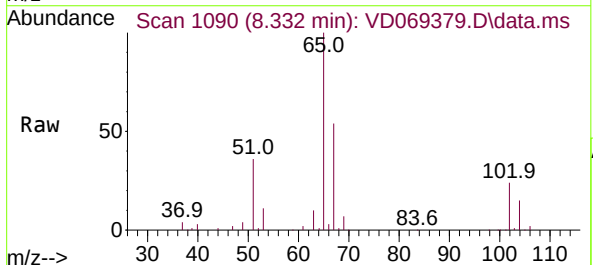
Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

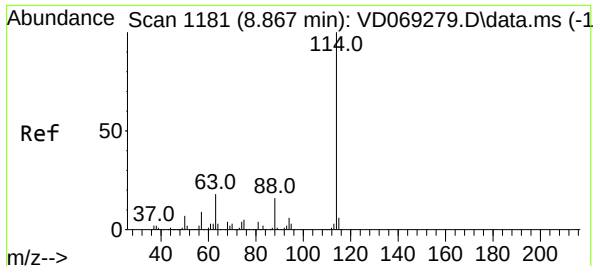
Tgt Ion: 56 Resp: 4824
Ion Ratio Lower Upper
56 100
69 179.4 29.0 43.4#
84 138.5 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 70.99 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion: 65 Resp: 163408
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

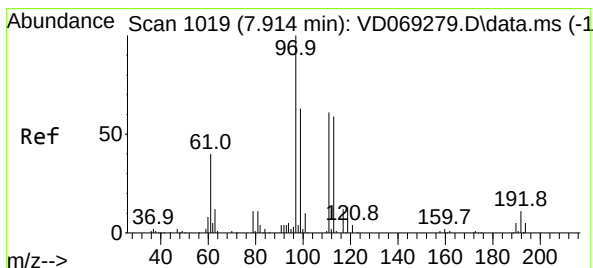
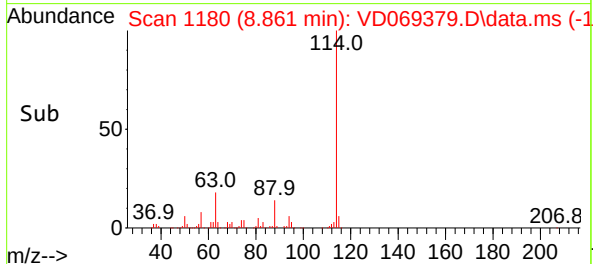
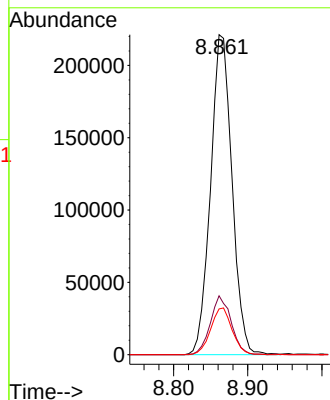
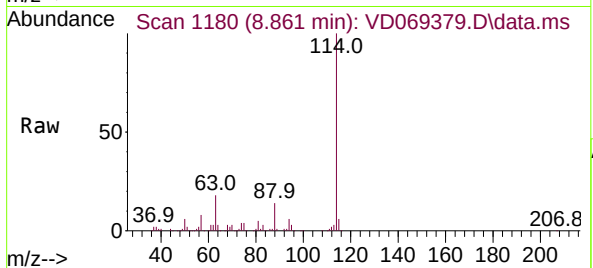
Delta R.T. -0.006 min

Lab File: VD069379.D

Acq: 07 Jun 2021 20:30

Tgt Ion:	114	Resp:	445006
Ion Ratio	Lower	Upper	
114	100		
63	18.4	0.0	35.6
88	14.3	0.0	31.2

Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)



#35

Dibromofluoromethane

Concen: 58.70 ug/l

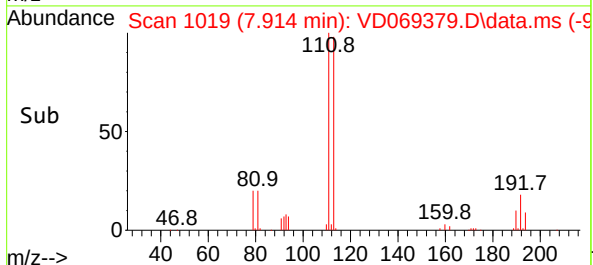
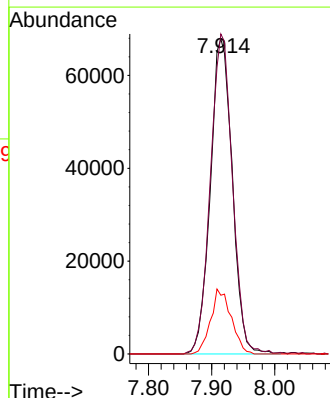
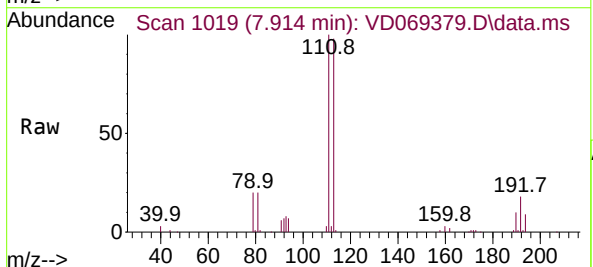
RT: 7.914 min Scan# 1019

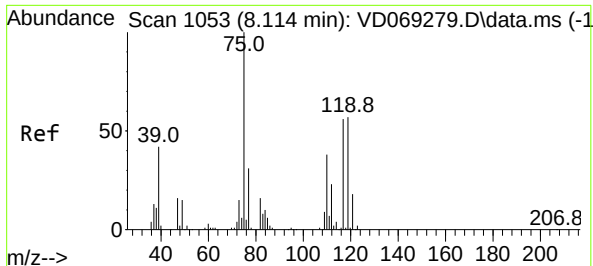
Delta R.T. 0.000 min

Lab File: VD069379.D

Acq: 07 Jun 2021 20:30

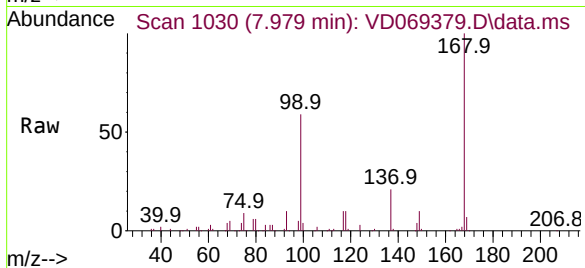
Tgt Ion:	113	Resp:	164047
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.0	124.6
192	19.2	15.1	22.7



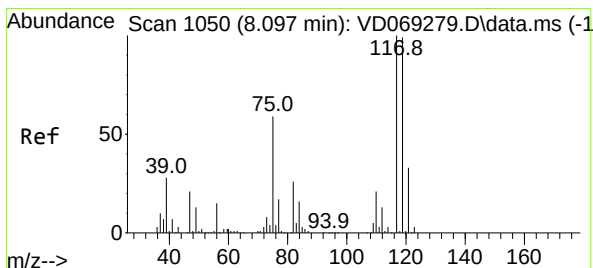
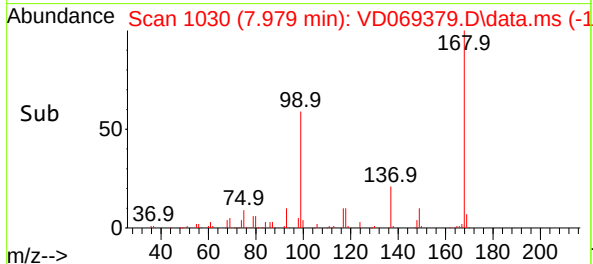
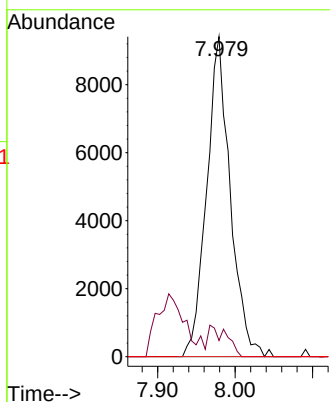


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

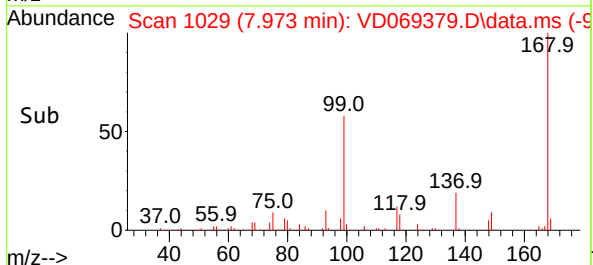
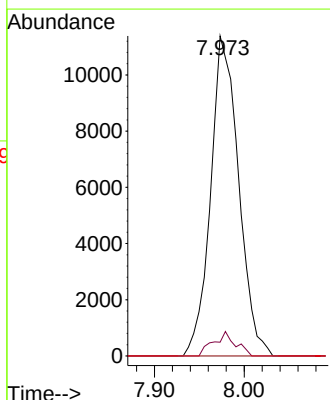
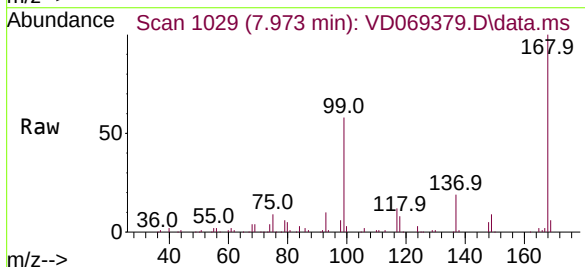


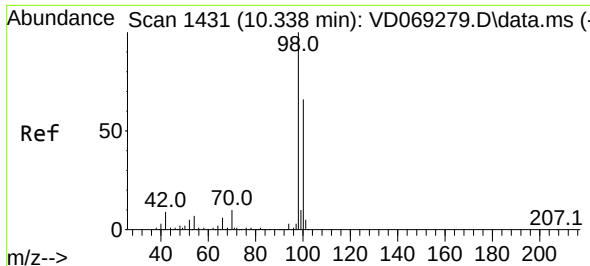
Tgt Ion: 75 Resp: 19948
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion: 117 Resp: 24690
Ion Ratio Lower Upper
117 100
119 4.3 79.4 119.2#
121 0.0 26.1 39.1#

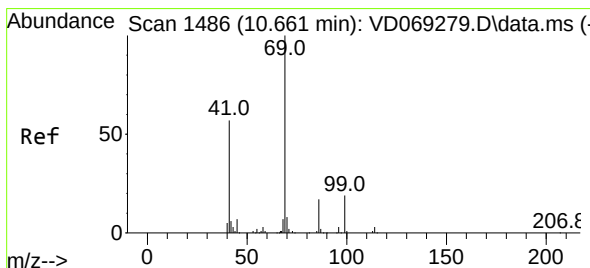
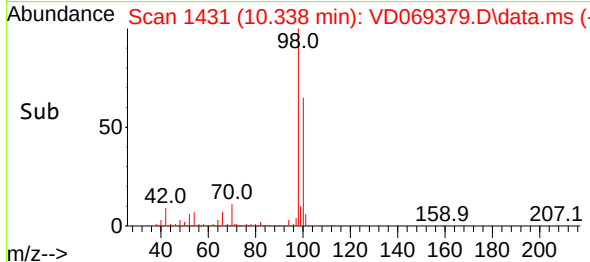
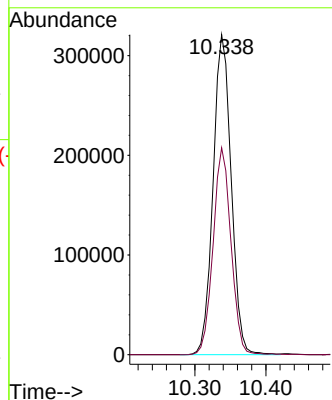
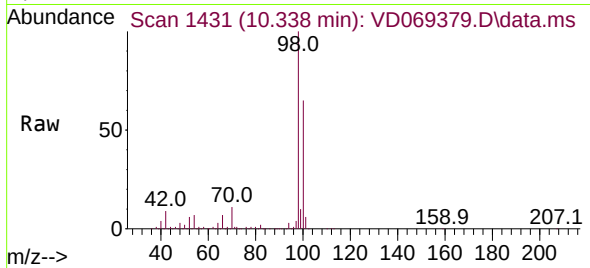




#50
Toluene-d8
Concen: 55.82 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

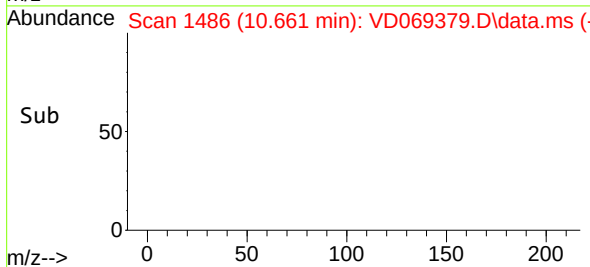
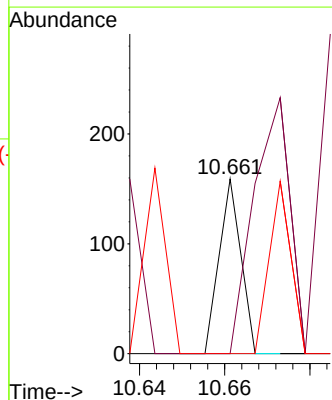
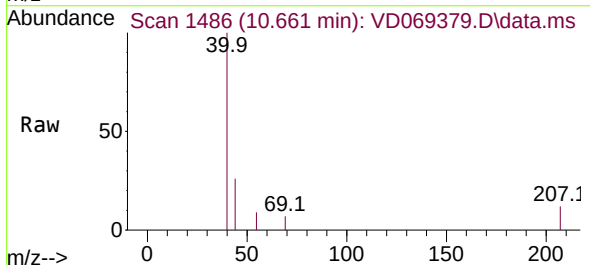
Instrument :
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18-B12(162-166)

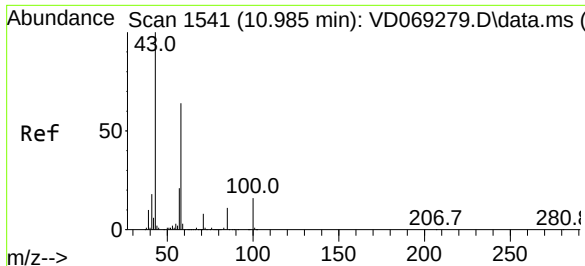
Tgt Ion: 98 Resp: 567227
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#56
Ethyl methacrylate
Concen: 2.66 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 244.6 45.4 68.2#
39 98.2 21.7 32.5#

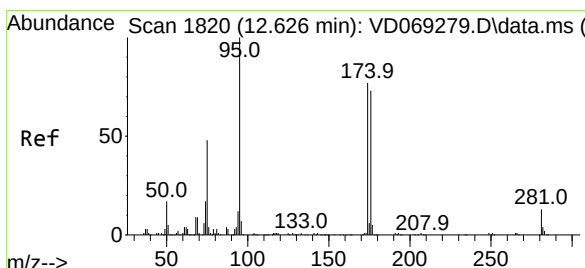
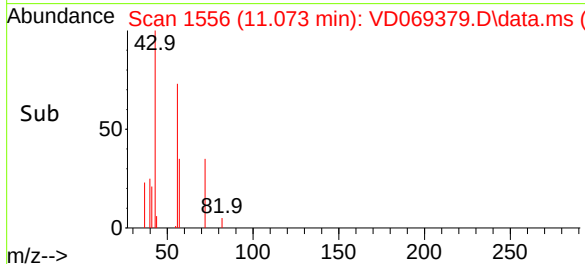
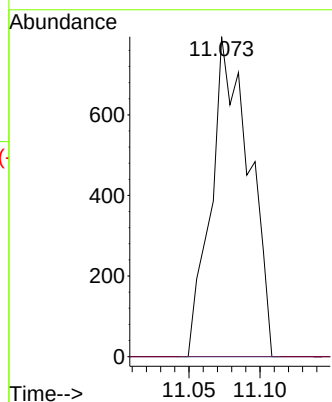
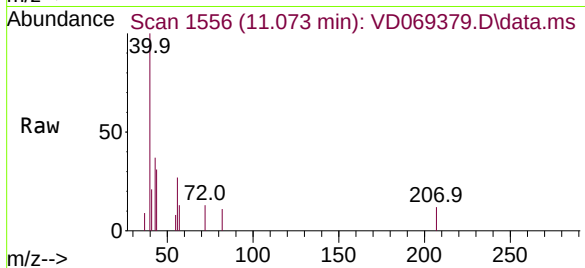




#59
2-Hexanone
Concen: 1.60 ug/l
RT: 11.073 min Scan# 1556
Delta R.T. 0.088 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

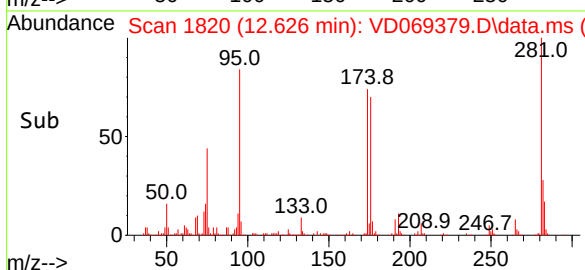
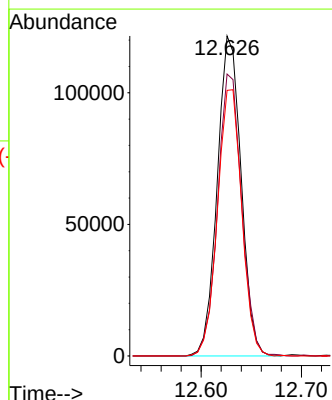
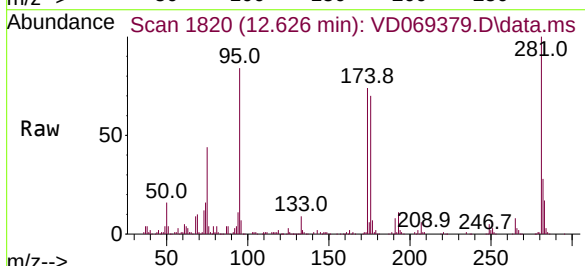
Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

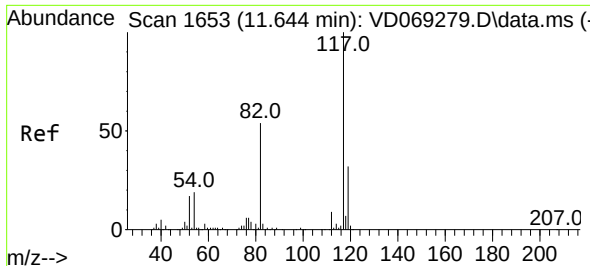
Tgt Ion: 43 Resp: 1478
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.3#



#62
4-Bromofluorobenzene
Concen: 60.22 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion: 95 Resp: 200525
Ion Ratio Lower Upper
95 100
174 88.6 0.0 162.8
176 84.6 0.0 154.4

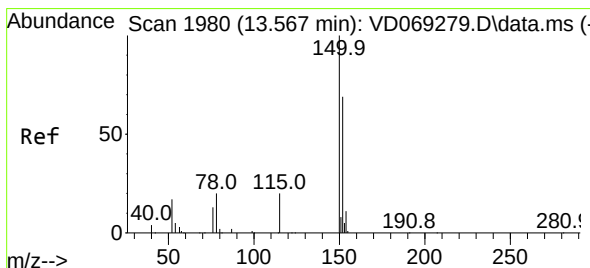
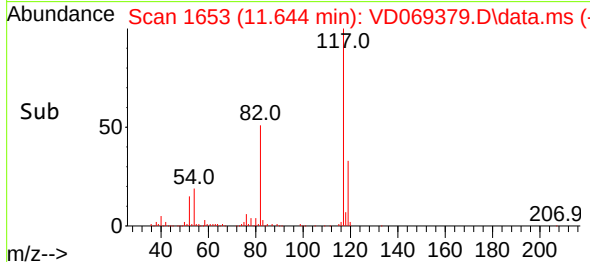
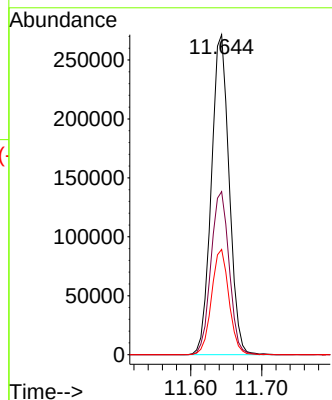
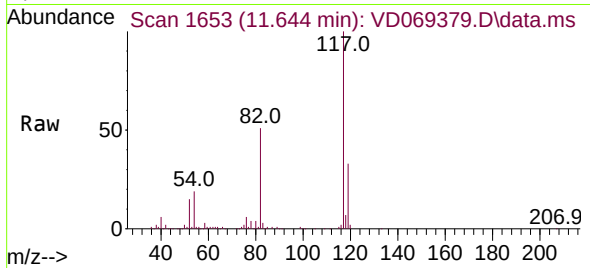




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

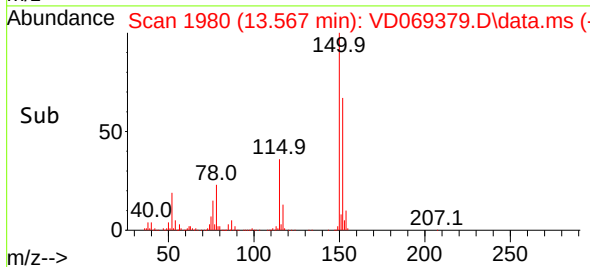
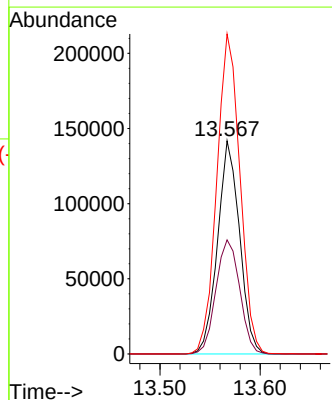
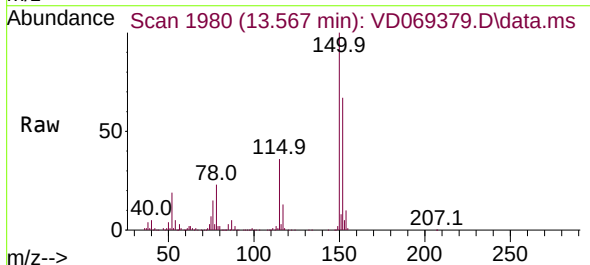
Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

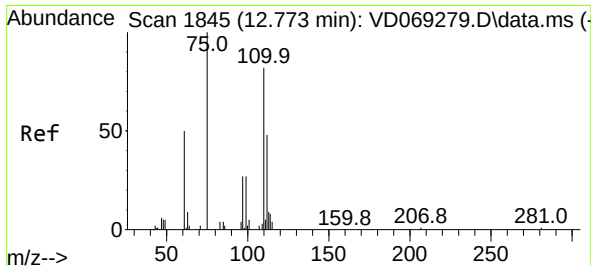
Tgt Ion:	117	Resp:	472251
Ion Ratio	Lower	Upper	
117	100		
82	51.0	43.3	64.9
119	32.9	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Tgt Ion:	152	Resp:	215939
Ion Ratio	Lower	Upper	
152	100		
115	57.8	29.4	88.3
150	158.2	0.0	355.0

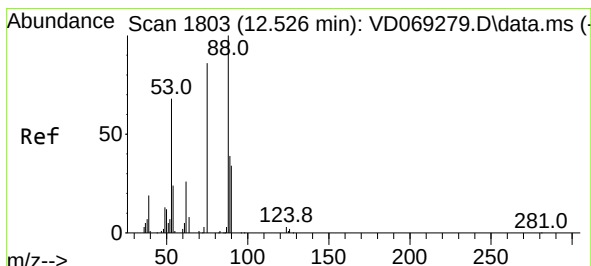
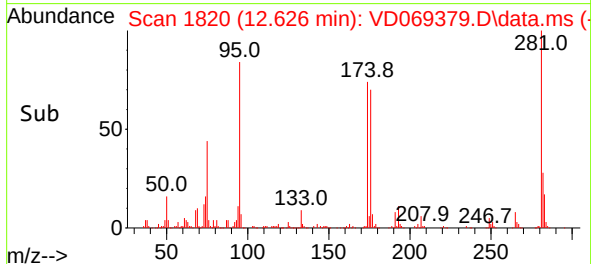
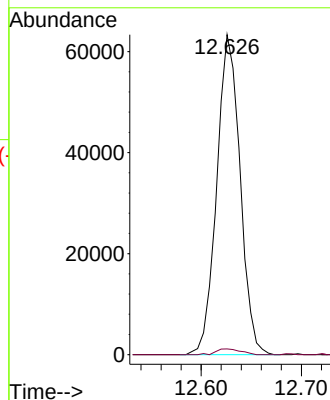
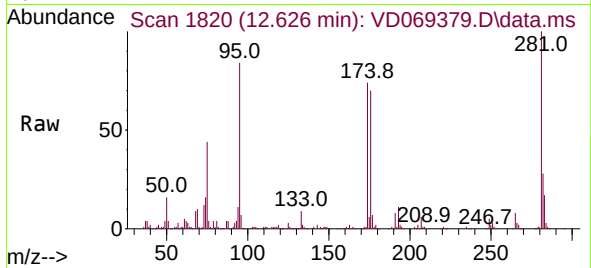




#76
1,2,3-Trichloropropane
Concen: 54.54 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

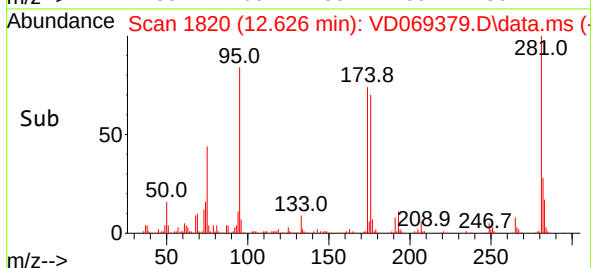
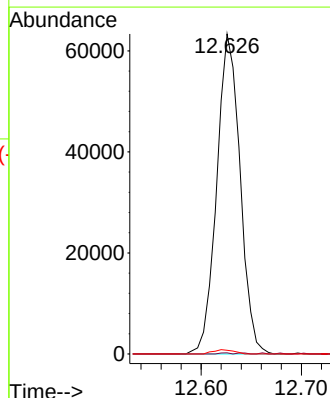
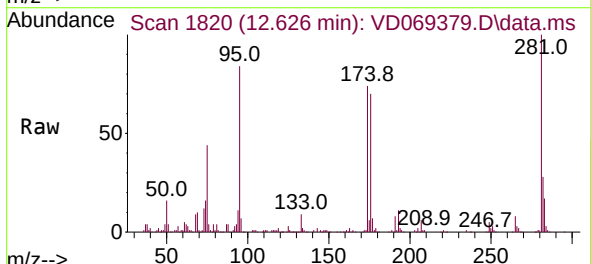
Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)

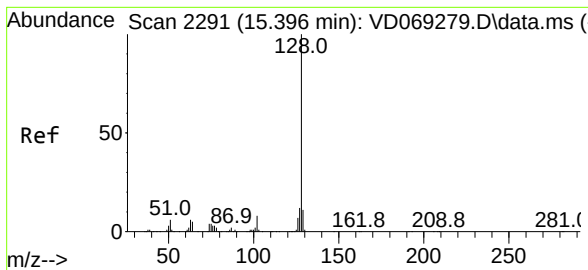
Tgt Ion: 75 Resp: 102324
Ion Ratio Lower Upper
75 100
77 1.9 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.86 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

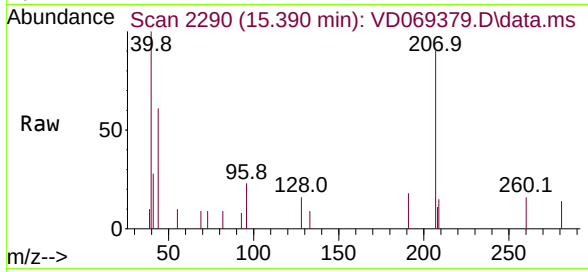
Tgt Ion: 75 Resp: 102324
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 1.2 35.6 53.4#





#95
Naphthalene
Concen: 3.32 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069379.D
Acq: 07 Jun 2021 20:30

Instrument :
MSVOA_D
ClientSampleId :
18-B12(162-166)



Tgt Ion:	128	Resp:	162
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

