

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069376.D
 Acq On : 07 Jun 2021 19:05
 Operator : VA/SY
 Sample : M2625-04
 Misc : 6.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(150-154)

Quant Time: Jun 08 04:24:02 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)

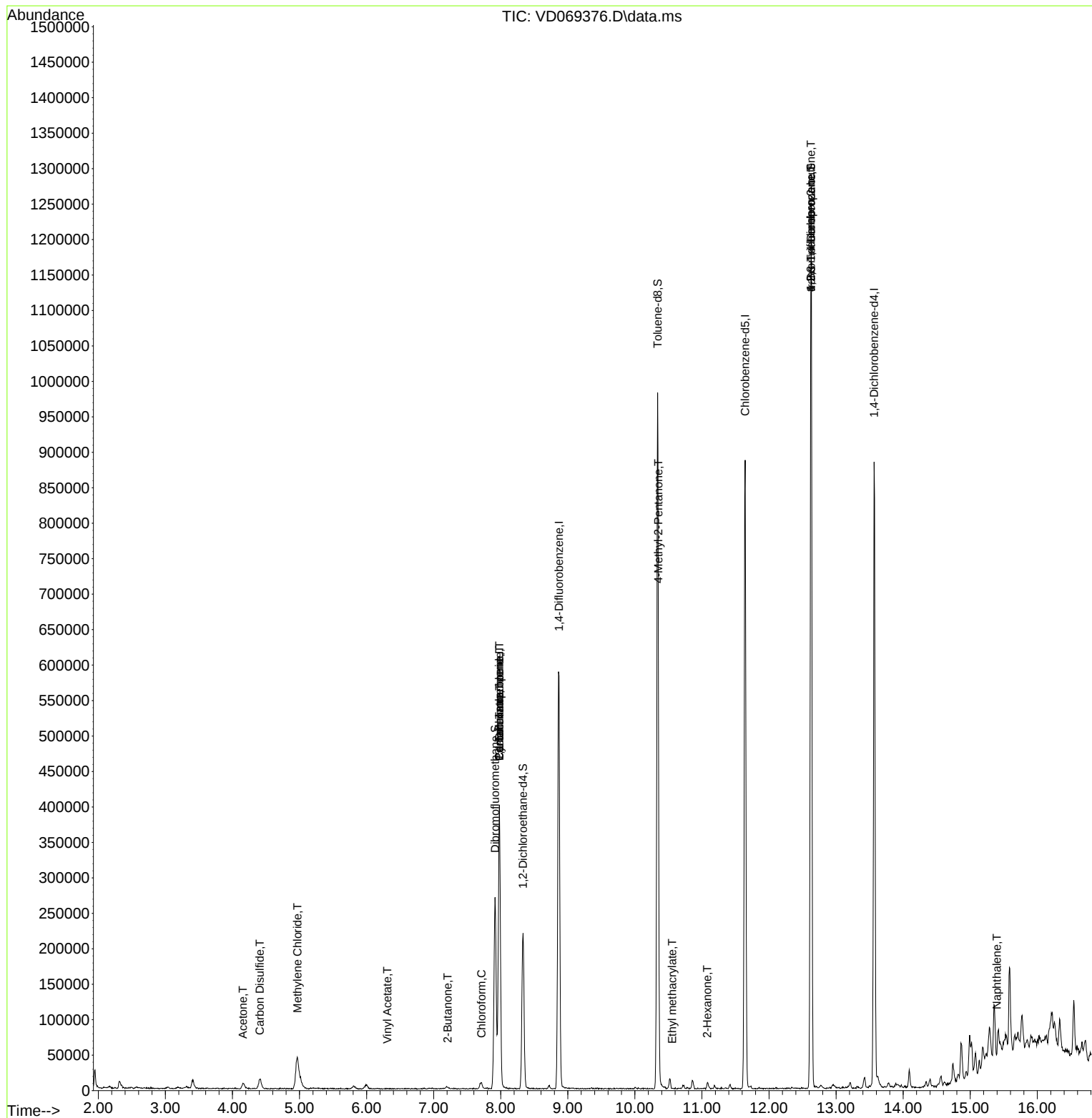
Internal Standards						
1) Pentafluorobenzene	7.979	168	291697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	541390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	546083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180448	64.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.94%			
35) Dibromofluoromethane	7.914	113	190322	55.98	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.96%			
50) Toluene-d8	10.338	98	680831	55.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.14%			
62) 4-Bromofluorobenzene	12.626	95	231092	57.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.10%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.220	59	2280	Below Cal	#	73
16) Acetone	4.156	43	13605	27.85	ug/l #	84
17) Carbon Disulfide	4.409	76	31121	3.22	ug/l	100
20) Methylene Chloride	4.968	84	38019	4.48	ug/l	92
23) Vinyl Acetate	6.309	43	84	11.63	ug/l #	67
25) 2-Butanone	7.209	43	882	1.37	ug/l #	45
30) Chloroform	7.714	83	6600	1.06	ug/l #	79
31) Cyclohexane	7.979	56	6335	1.42	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	22390	4.25	ug/l #	49
38) Carbon Tetrachloride	7.979	117	28991	5.10	ug/l #	15
51) 4-Methyl-2-Pentanone	10.350	43	2422	1.44	ug/l #	1
56) Ethyl methacrylate	10.555	69	55	2.65	ug/l #	31
59) 2-Hexanone	11.079	43	1622	1.44	ug/l #	25
76) 1,2,3-Trichloropropane	12.626	75	118268	56.03	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	118268	124.17	ug/l #	19
95) Naphthalene	15.396	128	171	3.32	ug/l #	69

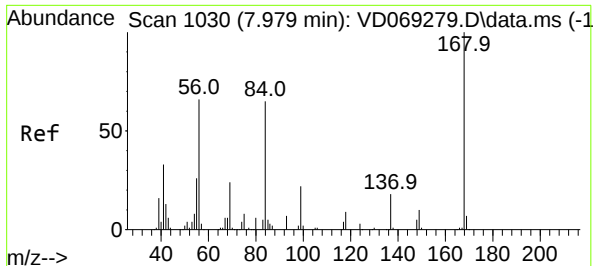
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
Data File : VD069376.D
Acq On : 07 Jun 2021 19:05
Operator : VA/SY
Sample : M2625-04
Misc : 6.21G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

Quant Time: Jun 08 04:24:02 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

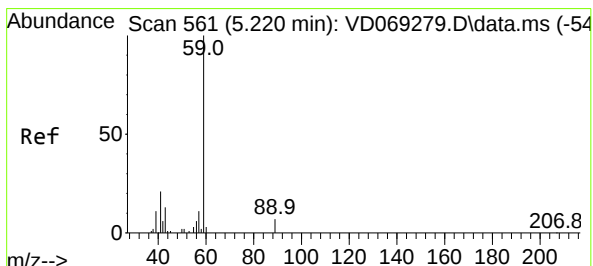
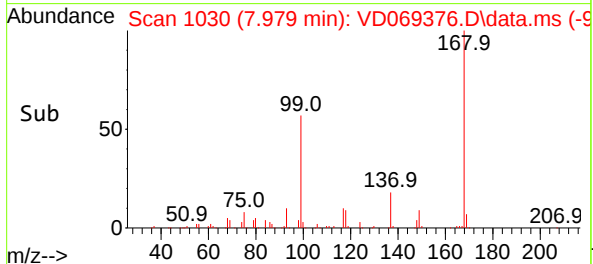
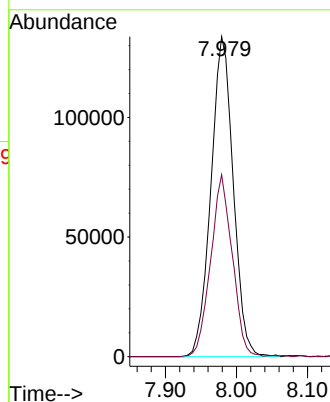
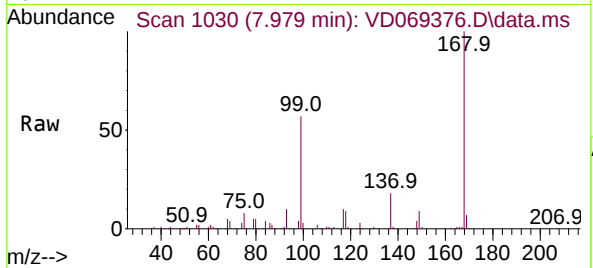




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

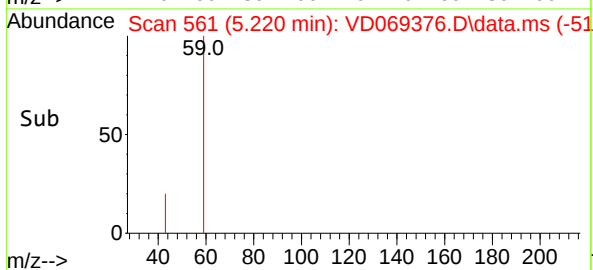
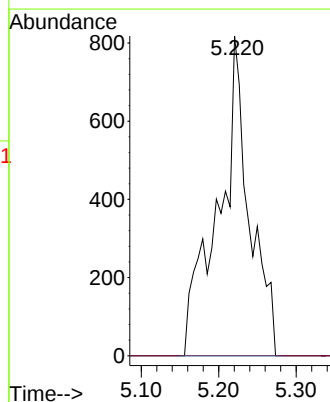
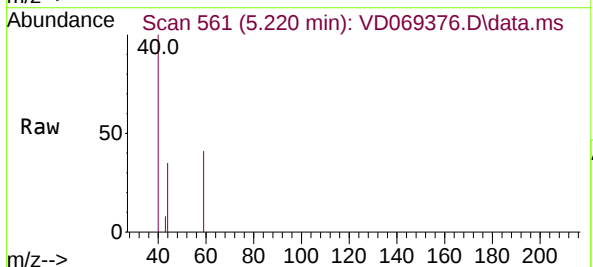
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

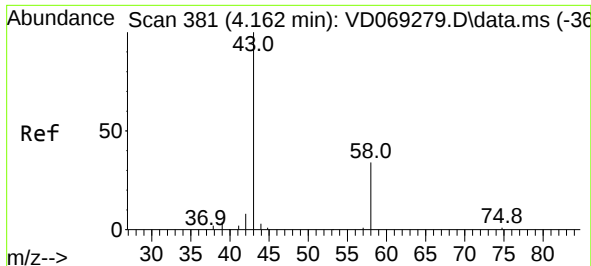
Tgt Ion:168 Resp: 291697
Ion Ratio Lower Upper
168 100
99 56.8 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion: 59 Resp: 2280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

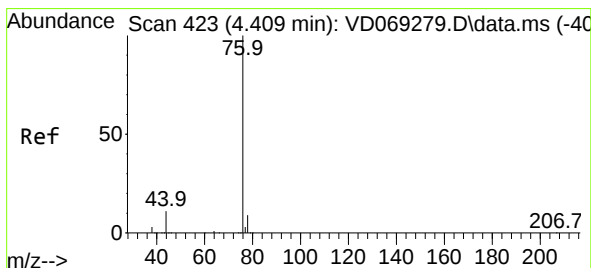
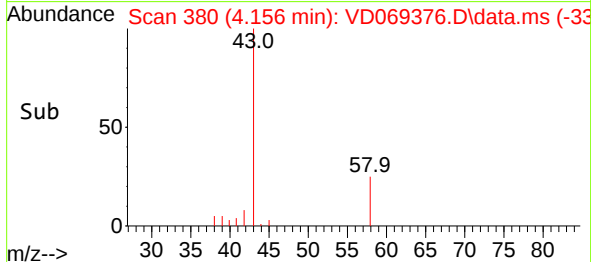
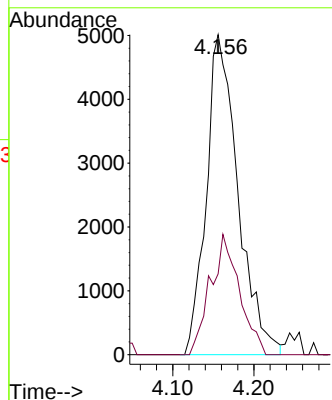
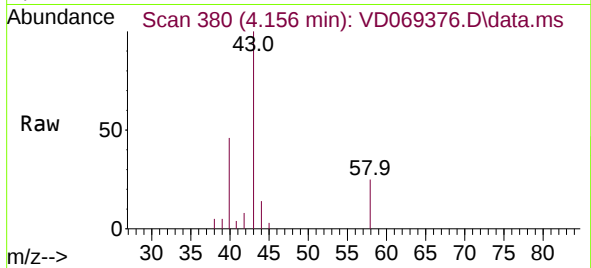




#16
Acetone
Concen: 27.85 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

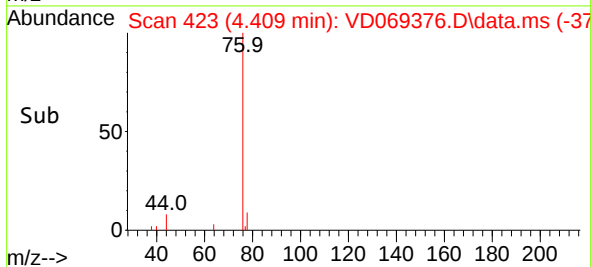
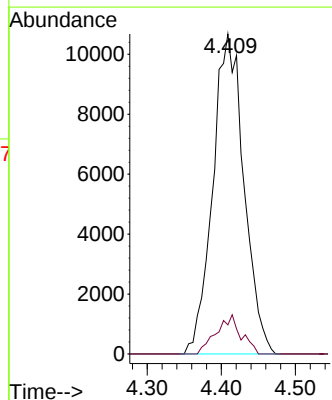
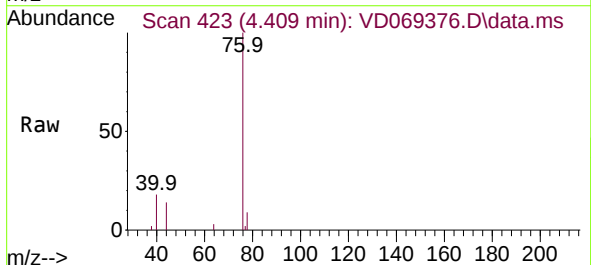
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

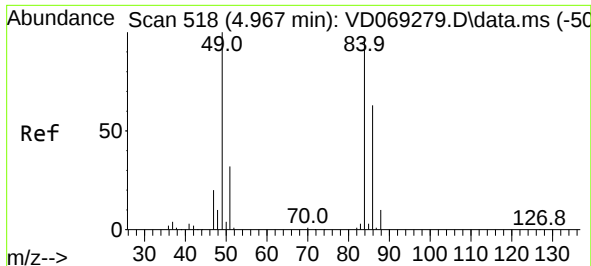
Tgt Ion: 43 Resp: 13605
Ion Ratio Lower Upper
43 100
58 25.2 27.5 41.3#



#17
Carbon Disulfide
Concen: 3.22 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion: 76 Resp: 31121
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

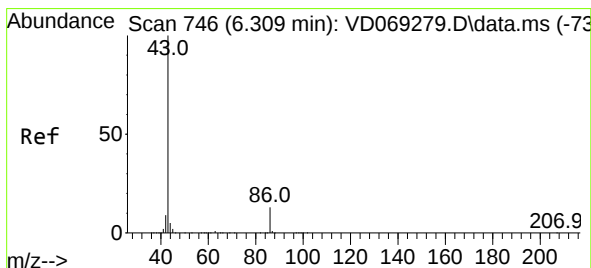
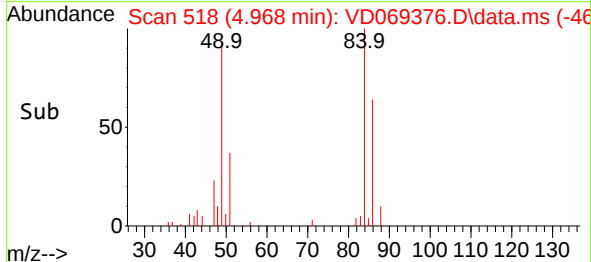
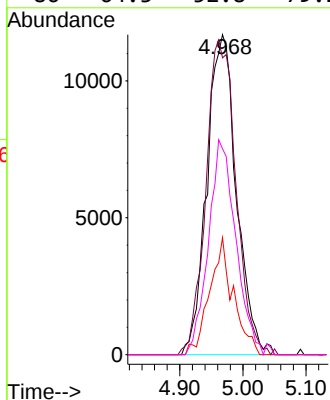
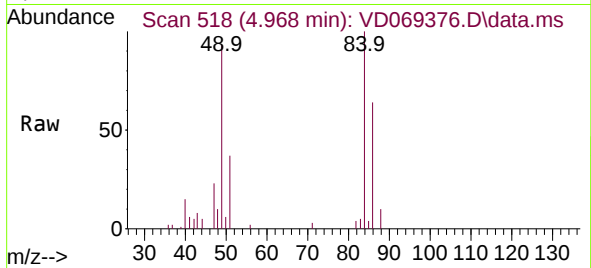




#20
Methylene Chloride
Concen: 4.48 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

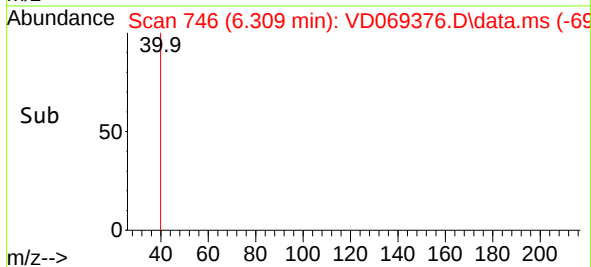
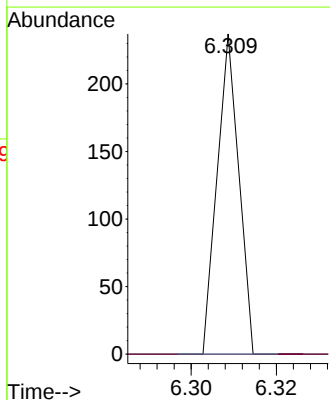
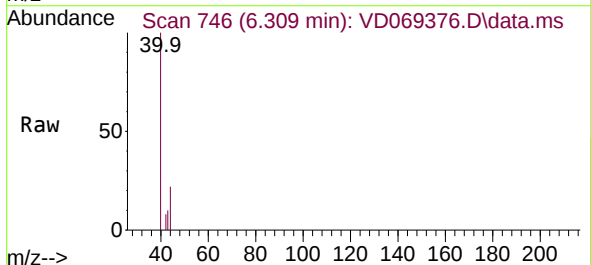
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

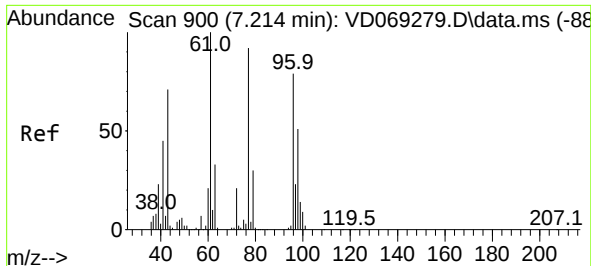
Tgt Ion:	84	Resp:	38019
Ion	Ratio	Lower	Upper
84	100		
49	92.8	83.7	125.5
51	36.6	26.4	39.6
86	64.3	52.8	79.2



#23
Vinyl Acetate
Concen: 11.63 ug/l
RT: 6.309 min Scan# 746
Delta R.T. -0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion:	43	Resp:	84
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.5	15.7#

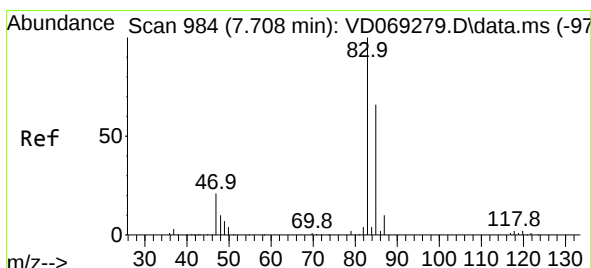
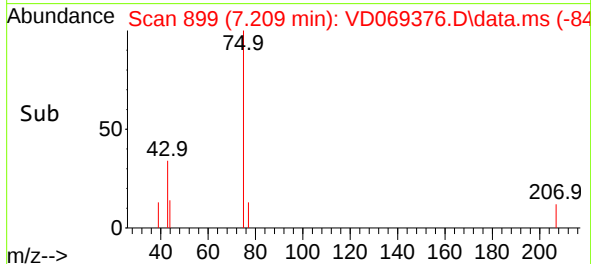
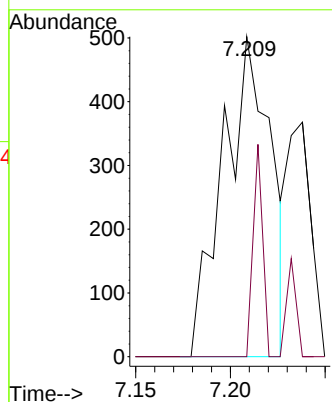
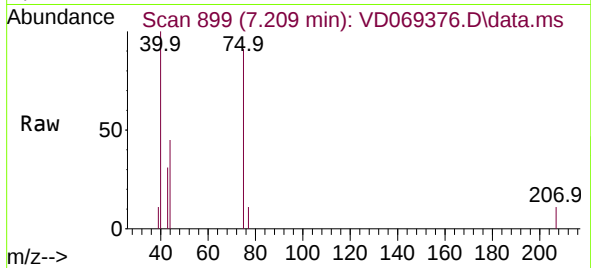




#25
2-Butanone
Concen: 1.37 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

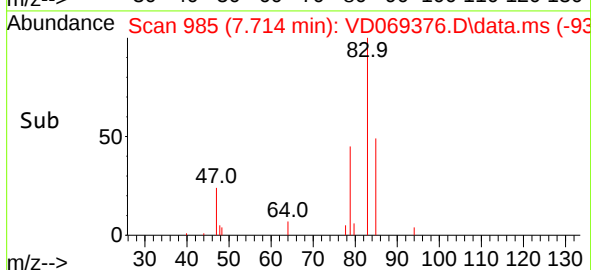
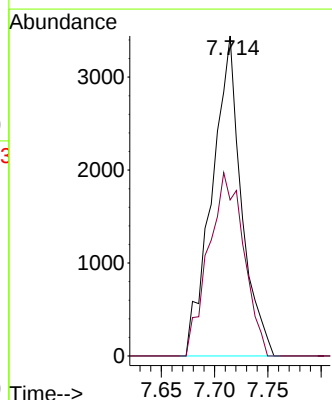
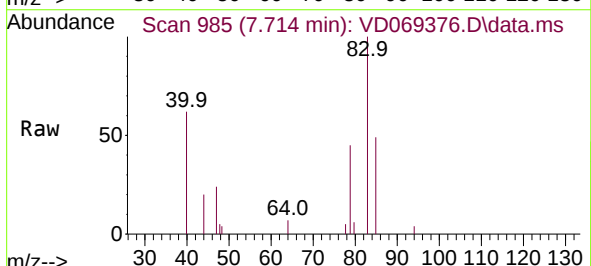
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

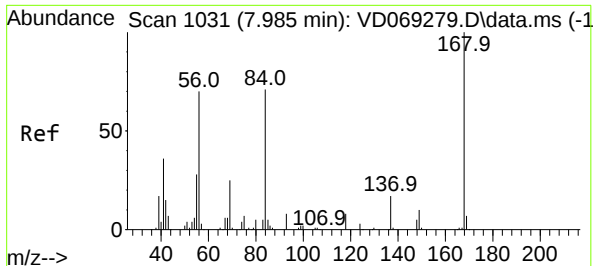
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#30
Chloroform
Concen: 1.06 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion: 83 Resp: 6600
Ion Ratio Lower Upper
83 100
85 48.8 52.6 78.8#





#31

Cyclohexane

Concen: 1.42 ug/l

RT: 7.979 min Scan# 1030

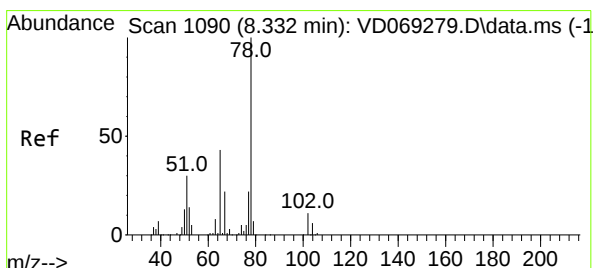
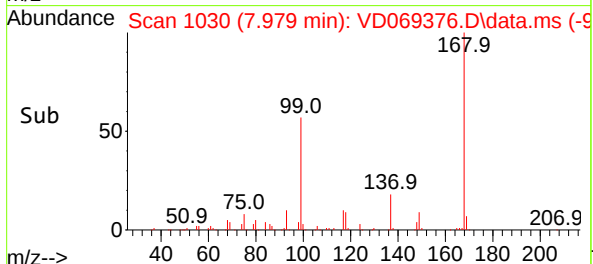
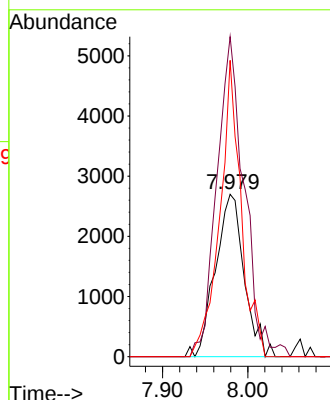
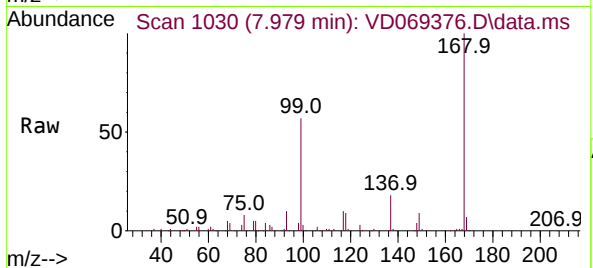
Delta R.T. -0.006 min

Lab File: VD069376.D

Acq: 07 Jun 2021 19:05

Tgt Ion:	56	Resp:	6335
Ion	Ratio	Lower	Upper
56	100		
69	197.0	29.0	43.4#
84	182.4	81.1	121.7#

Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)



#33

1,2-Dichloroethane-d4

Concen: 64.47 ug/l

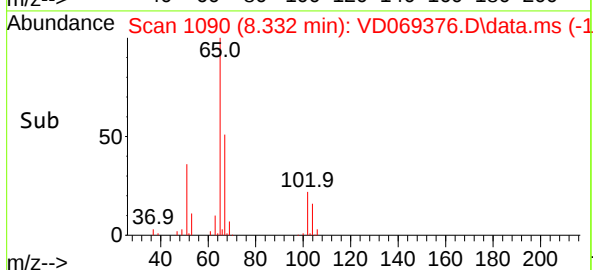
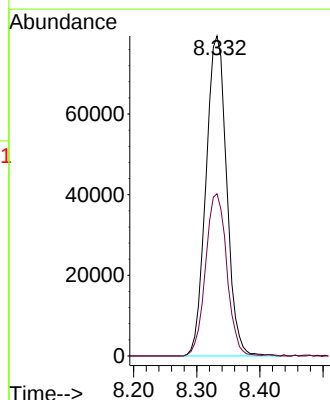
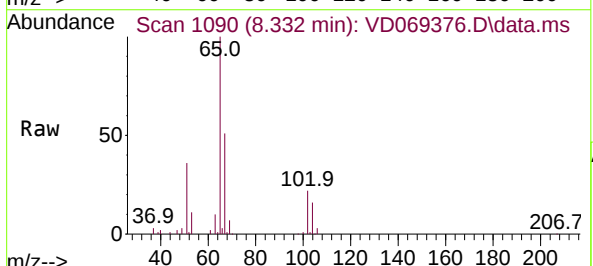
RT: 8.332 min Scan# 1090

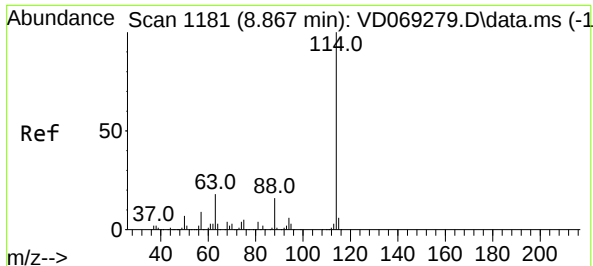
Delta R.T. 0.000 min

Lab File: VD069376.D

Acq: 07 Jun 2021 19:05

Tgt Ion:	65	Resp:	180448
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.8

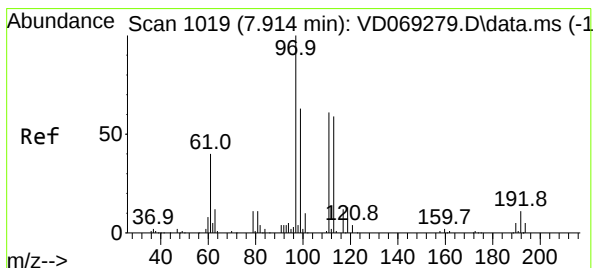
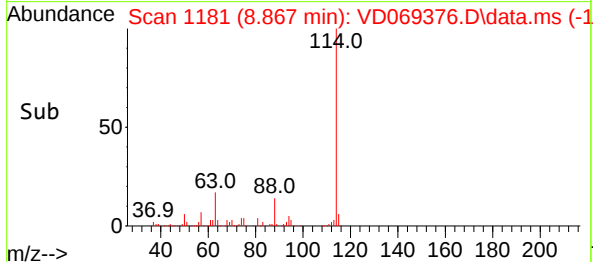
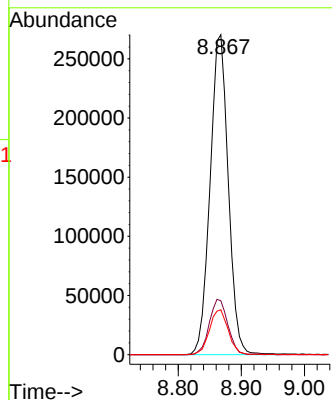
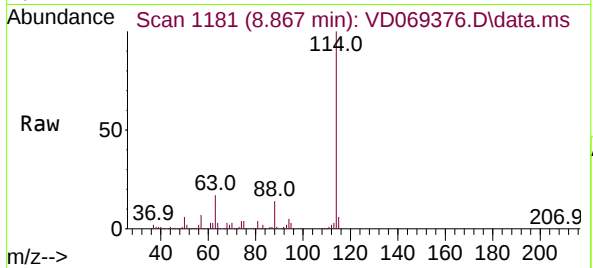




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

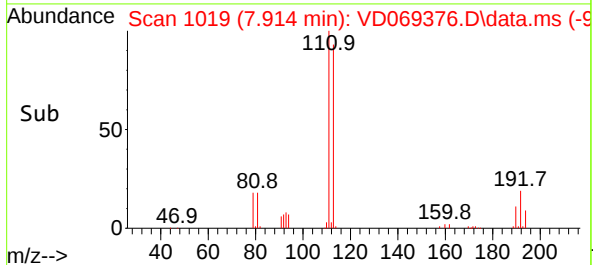
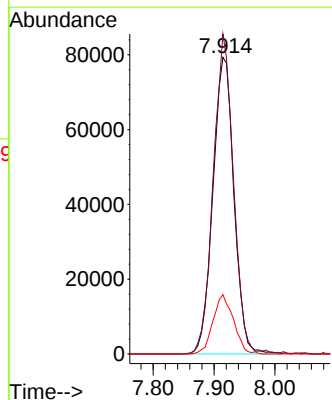
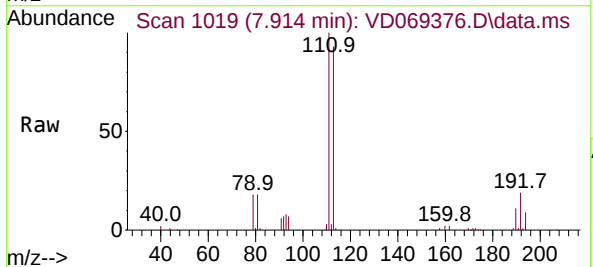
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

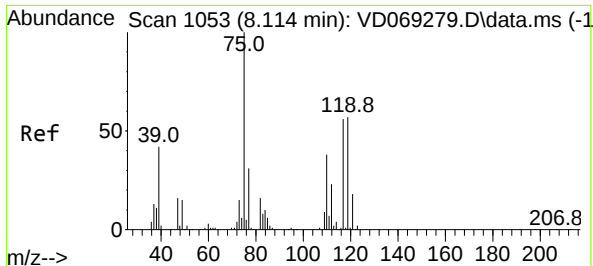
Tgt Ion:114 Resp: 541390
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.6
88 14.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 55.98 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion:113 Resp: 190322
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 19.5 15.1 22.7

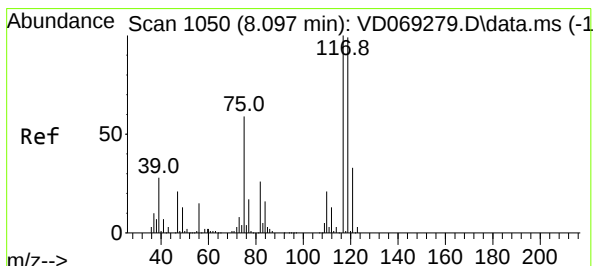
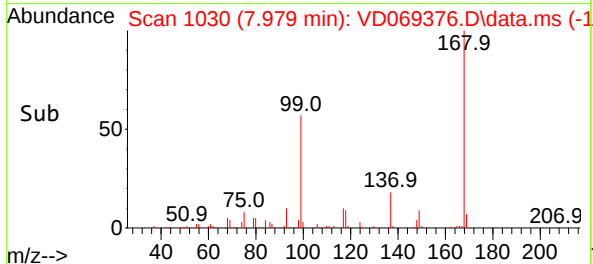
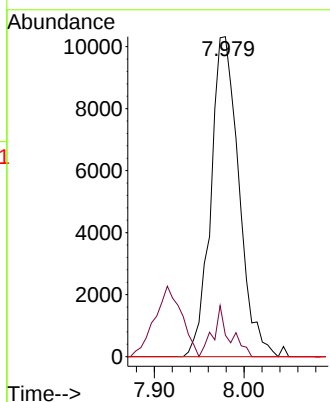
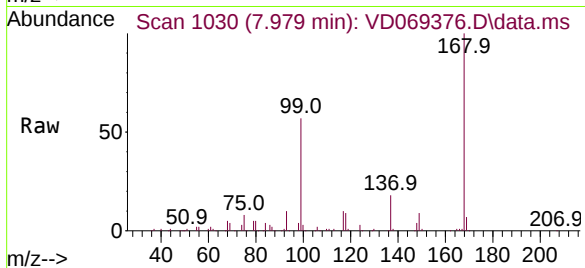




#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

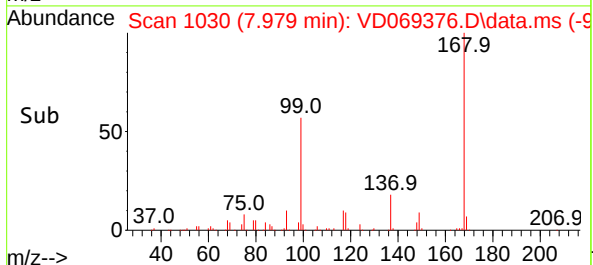
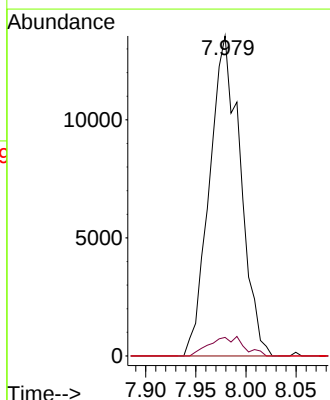
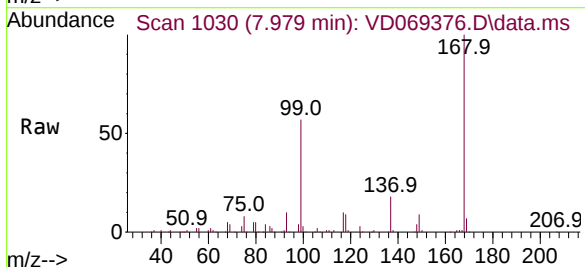
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

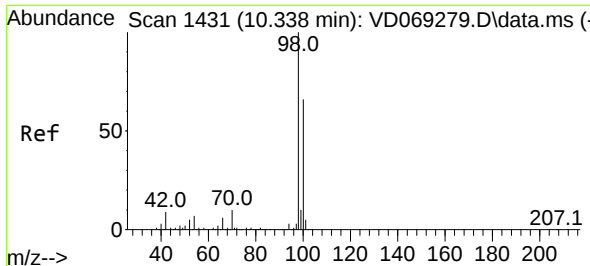
Tgt Ion: 75 Resp: 22390
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion: 117 Resp: 28991
Ion Ratio Lower Upper
117 100
119 5.8 79.4 119.2#
121 0.0 26.1 39.1#

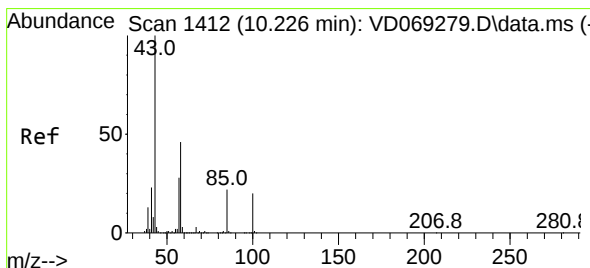
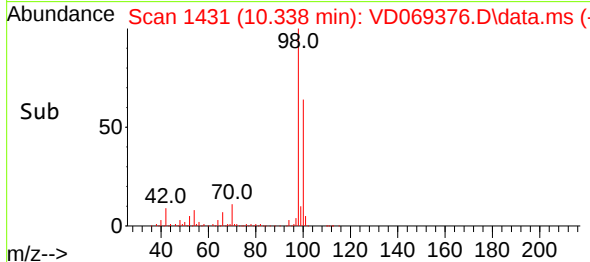
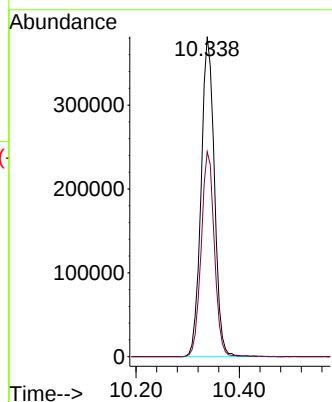
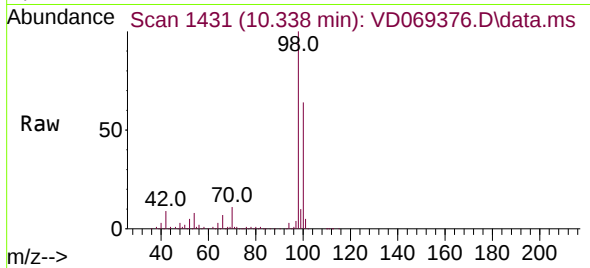




#50
Toluene-d8
Concen: 55.07 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

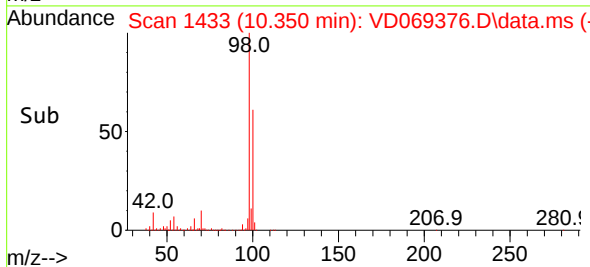
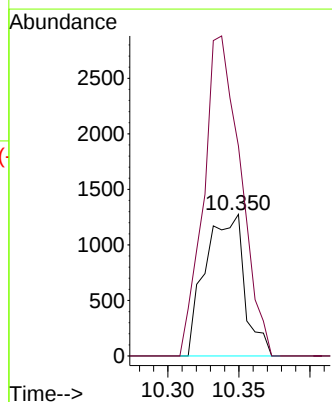
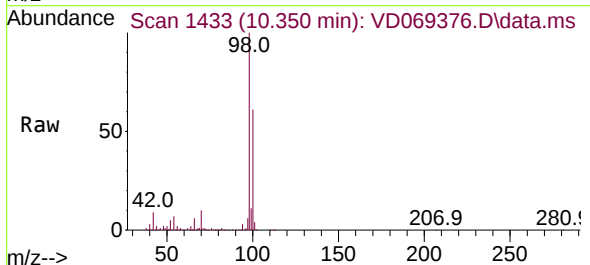
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

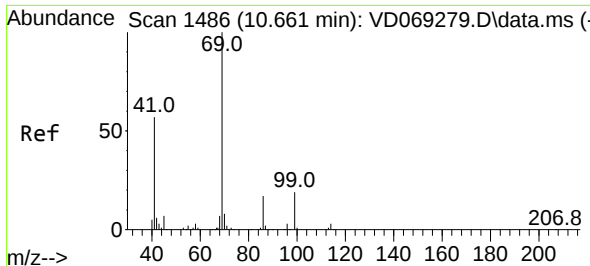
Tgt Ion: 98 Resp: 680831
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.44 ug/l
RT: 10.350 min Scan# 1433
Delta R.T. 0.124 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
58 215.7 35.1 52.7#

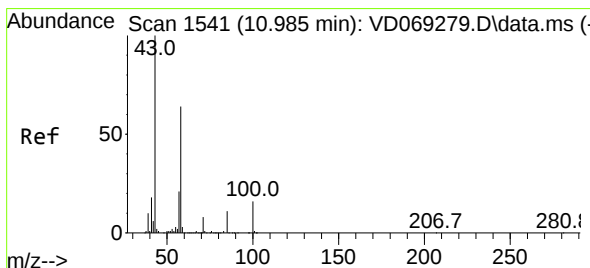
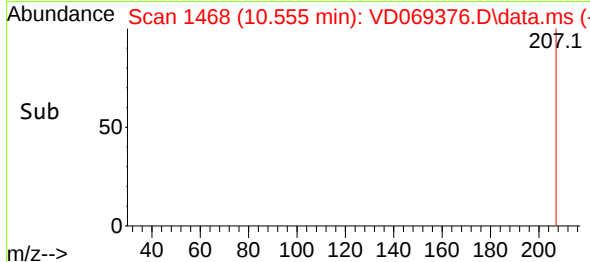
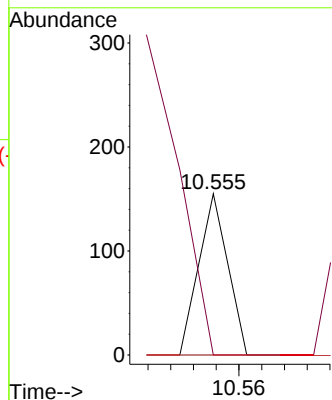
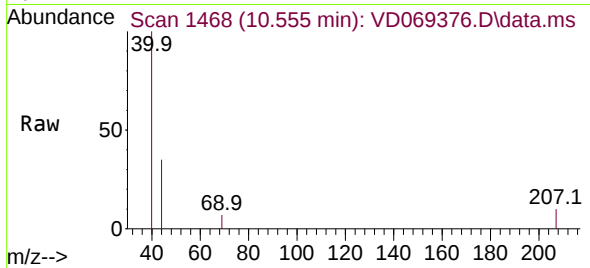




#56
Ethyl methacrylate
Concen: 2.65 ug/l
RT: 10.555 min Scan# 1468
Delta R.T. -0.106 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

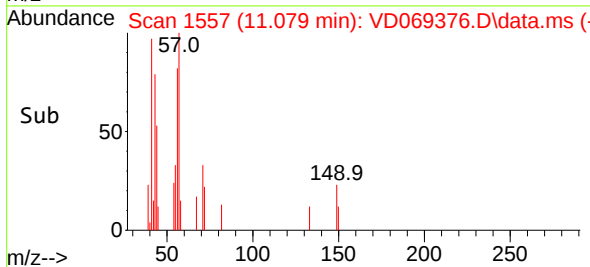
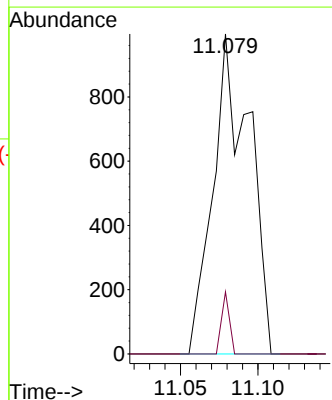
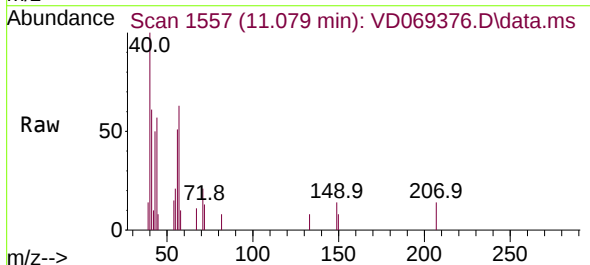
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

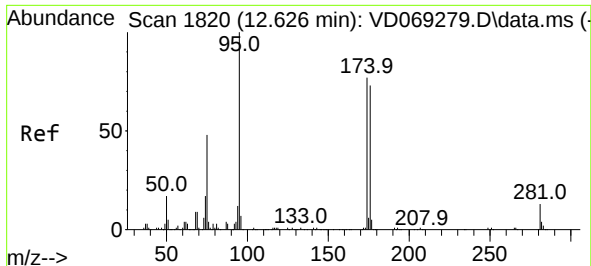
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 45.4 68.2#
39 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 1.44 ug/l
RT: 11.079 min Scan# 1557
Delta R.T. 0.094 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 4.2 30.8 92.3#

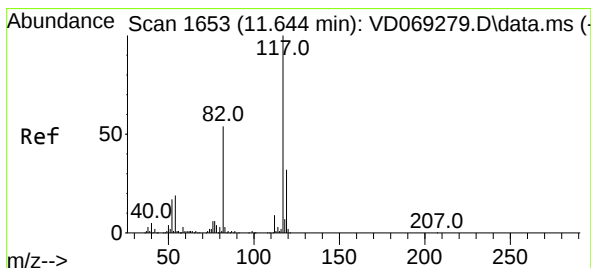
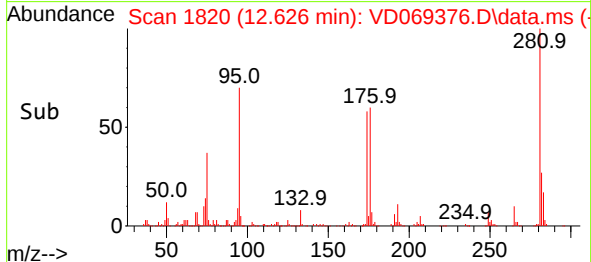
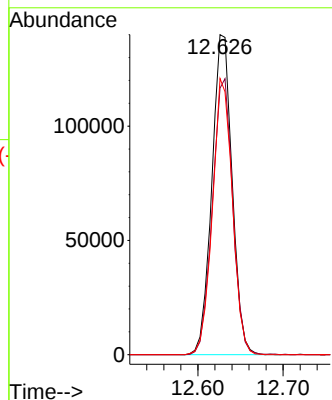
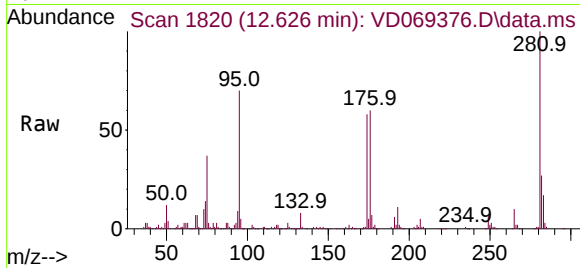




#62
4-Bromofluorobenzene
Concen: 57.05 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

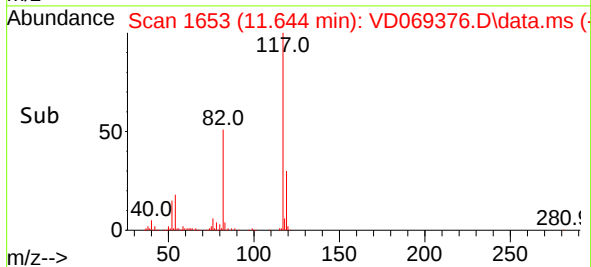
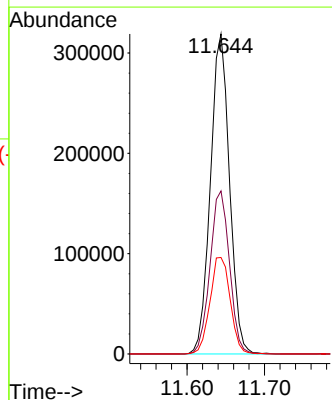
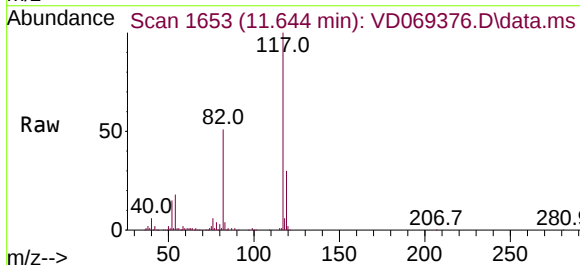
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

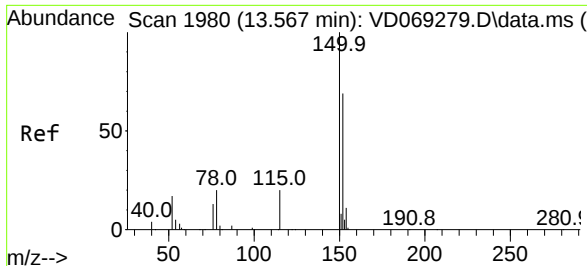
Tgt Ion:	95	Resp:	231092
Ion Ratio	Lower	Upper	
95	100		
174	86.4	0.0	162.8
176	84.9	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion:	117	Resp:	546083
Ion Ratio	Lower	Upper	
117	100		
82	50.9	43.3	64.9
119	30.1	25.3	37.9

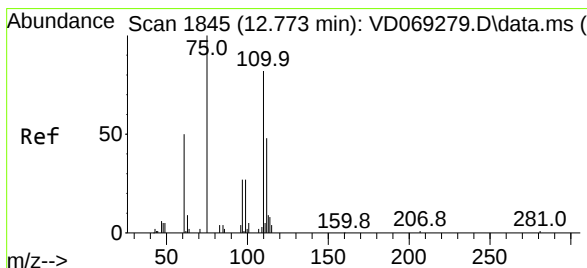
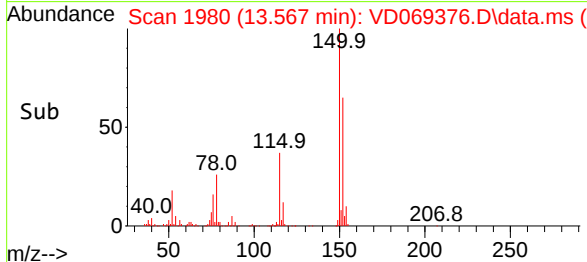
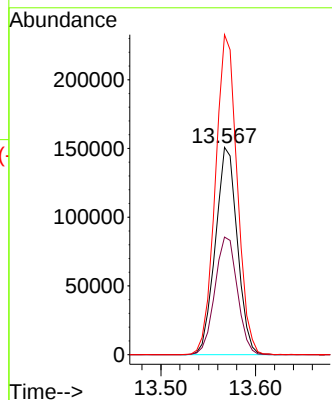
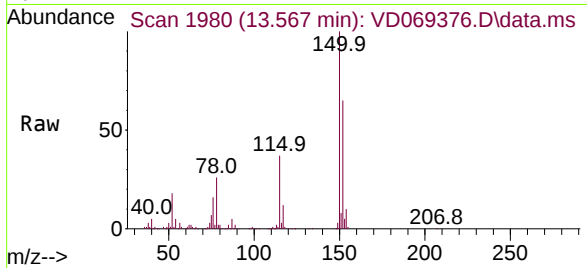




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

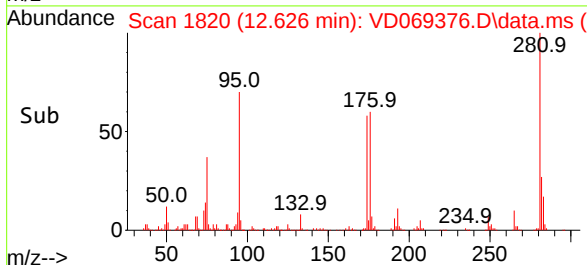
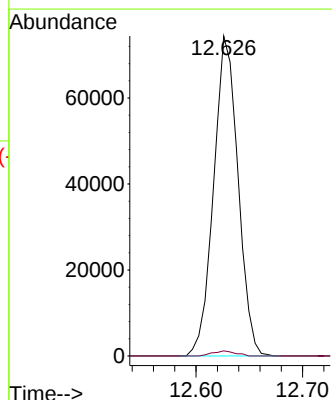
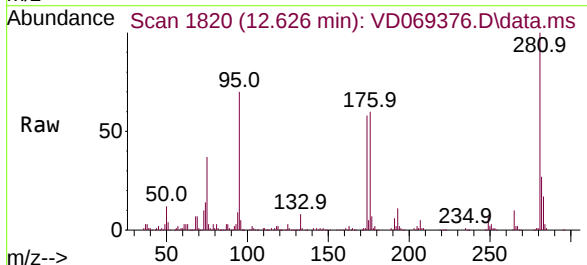
Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

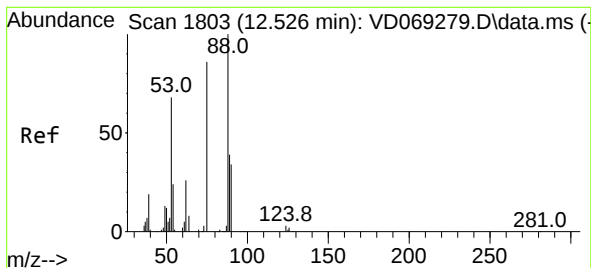
Tgt Ion:152 Resp: 242934
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.3
150 153.5 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 56.03 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion: 75 Resp: 118268
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#

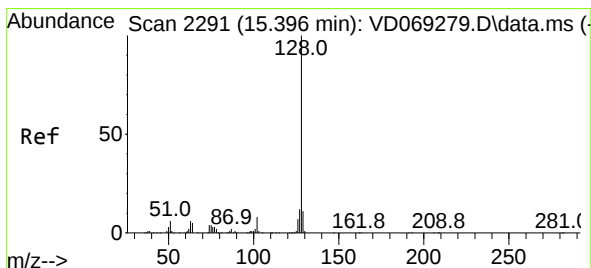
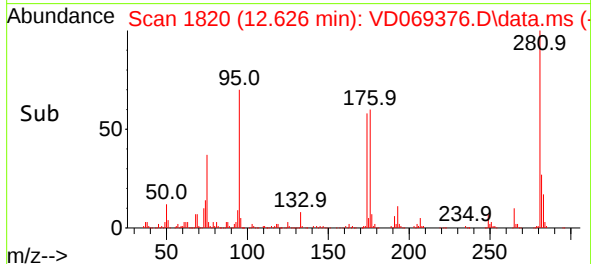
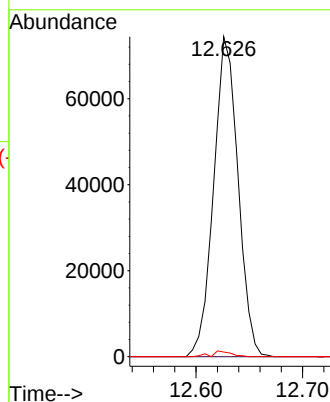
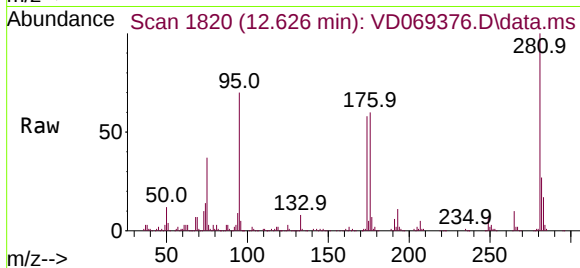




#81
trans-1,4-Dichloro-2-butene
Concen: 124.17 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Instrument :
MSVOA_D
ClientSampleId :
18-B12(150-154)

Tgt Ion: 75 Resp: 118268
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 1.4 35.6 53.4#



#95
Naphthalene
Concen: 3.32 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069376.D
Acq: 07 Jun 2021 19:05

Tgt Ion:128 Resp: 171
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

