

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069371.D
 Acq On : 07 Jun 2021 16:42
 Operator : VA/SY
 Sample : M2626-06
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(XX)

Quant Time: Jun 08 04:23:19 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)

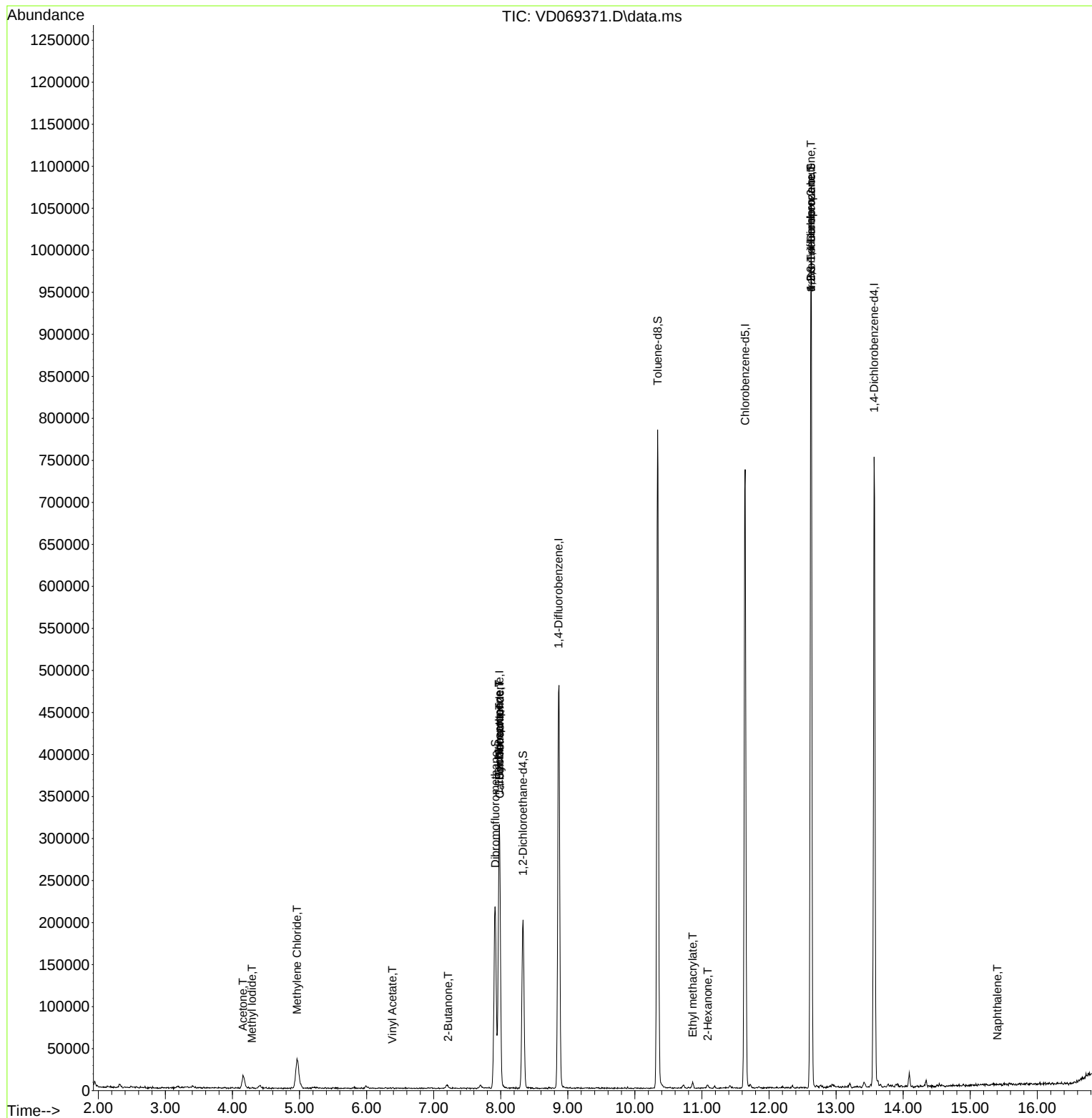
Internal Standards						
1) Pentafluorobenzene	7.979	168	239788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	432332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	457631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	210366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	162993	70.84	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.68%			
35) Dibromofluoromethane	7.920	113	158270	58.30	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.60%			
50) Toluene-d8	10.338	98	550357	55.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.50%			
62) 4-Bromofluorobenzene	12.626	95	198765	61.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 122.88%			
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	154	2.56	ug/l #	39
11) Tert butyl alcohol	5.215	59	2477	Below Cal	#	80
16) Acetone	4.156	43	25037	62.36	ug/l	90
20) Methylene Chloride	4.962	84	29945	3.97	ug/l	96
23) Vinyl Acetate	6.385	43	101	11.64	ug/l #	67
25) 2-Butanone	7.214	43	725	1.37	ug/l #	45
31) Cyclohexane	7.979	56	4765	1.30	ug/l #	13
36) 1,1-Dichloropropene	7.973	75	17919	4.26	ug/l #	48
38) Carbon Tetrachloride	7.985	117	24462	5.39	ug/l #	15
56) Ethyl methacrylate	10.861	69	331	2.76	ug/l #	1
59) 2-Hexanone	11.085	43	1144	1.28	ug/l #	20
76) 1,2,3-Trichloropropane	12.626	75	101543	55.56	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	101543	123.11	ug/l #	19
95) Naphthalene	15.402	128	103	3.32	ug/l #	69

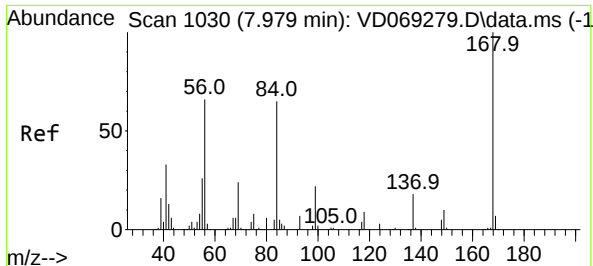
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
Data File : VD069371.D
Acq On : 07 Jun 2021 16:42
Operator : VA/SY
Sample : M2626-06
Misc : 5.58G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

Quant Time: Jun 08 04:23:19 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

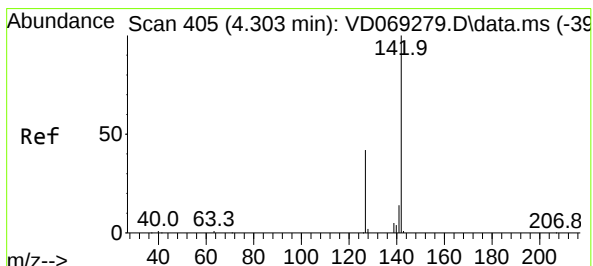
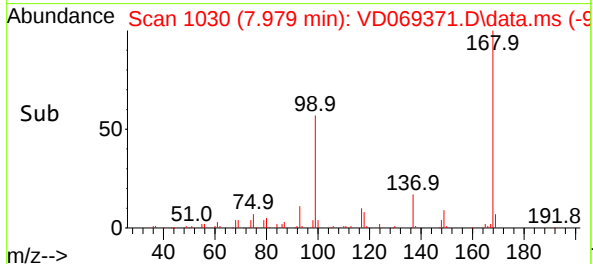
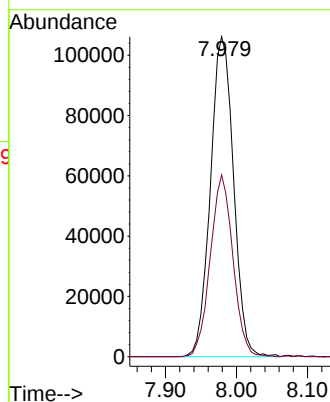
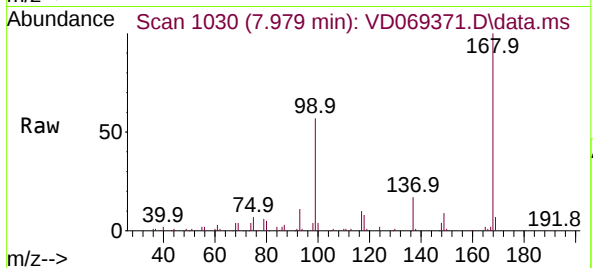




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

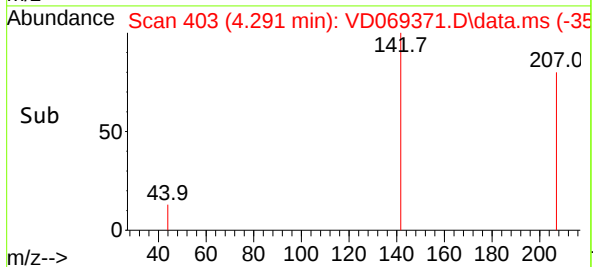
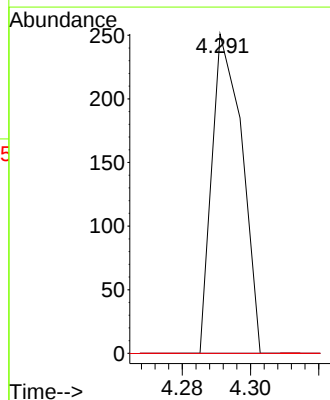
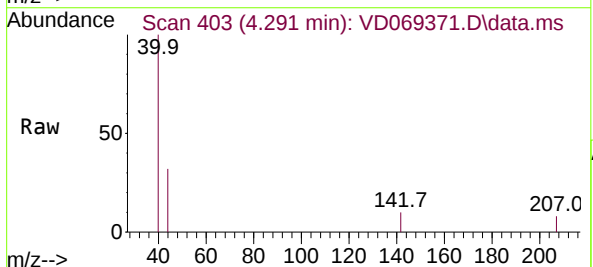
Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

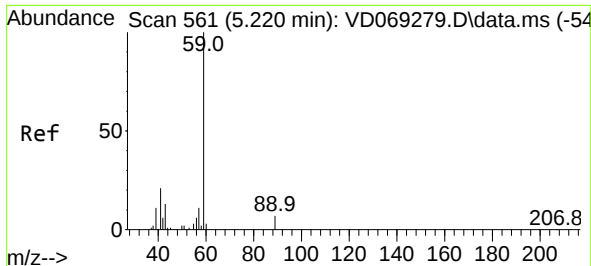
Tgt Ion:168 Resp: 239788
Ion Ratio Lower Upper
168 100
99 56.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.56 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion:142 Resp: 154
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#



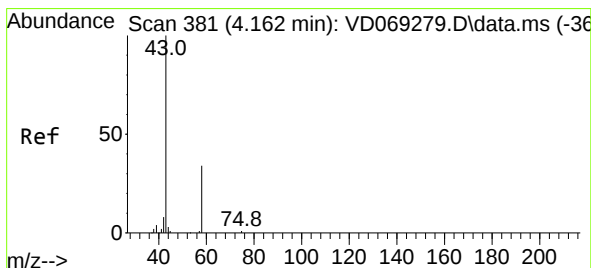
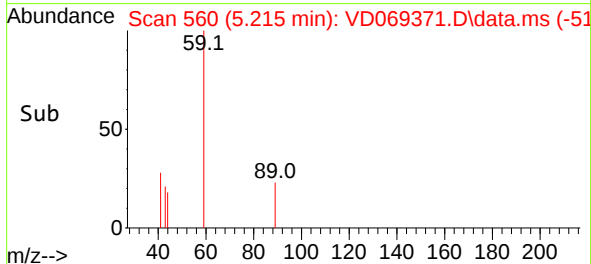
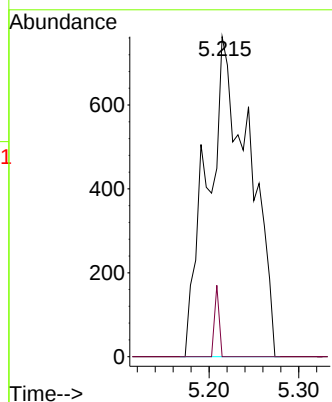
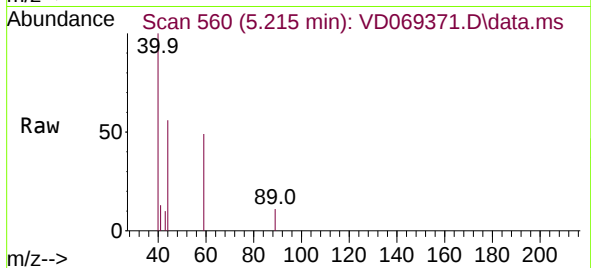


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

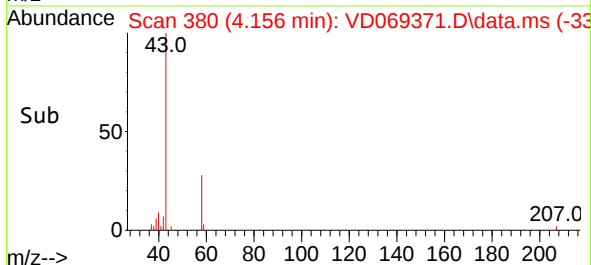
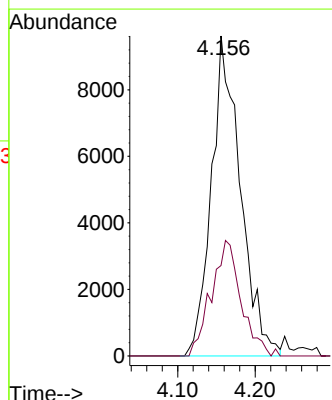
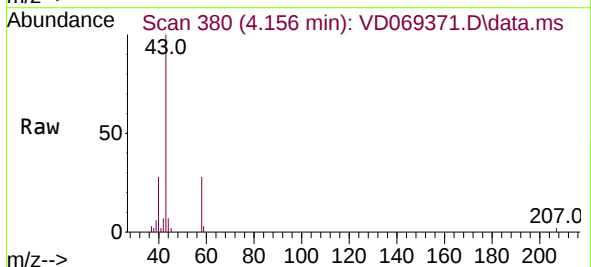
Tgt Ion: 59 Resp: 2477
Ion Ratio Lower Upper
59 100
57 2.4 7.8 11.8#

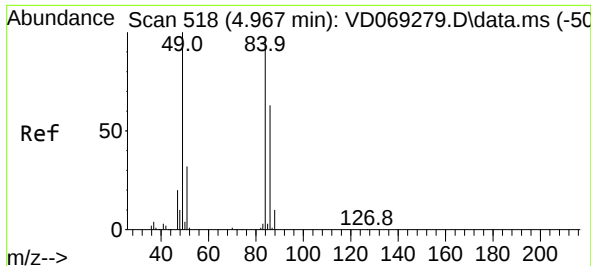


#16

Acetone
Concen: 62.36 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion: 43 Resp: 25037
Ion Ratio Lower Upper
43 100
58 28.8 27.5 41.3

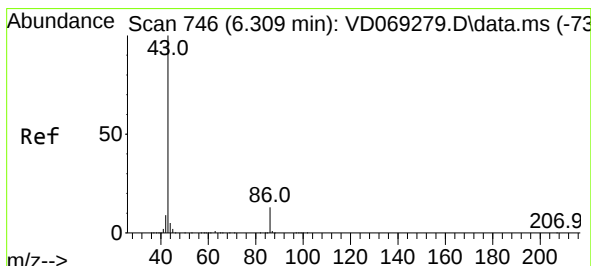
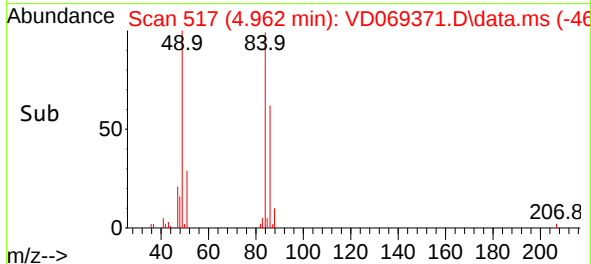
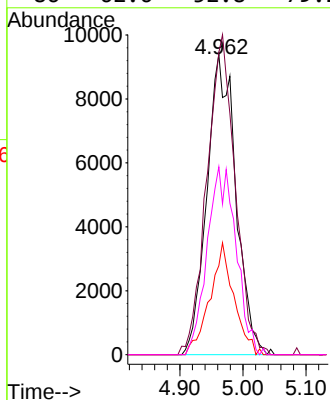
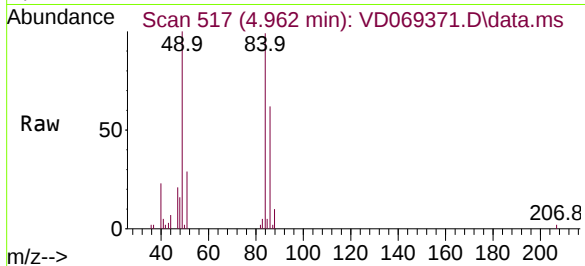




#20
Methylene Chloride
Concen: 3.97 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

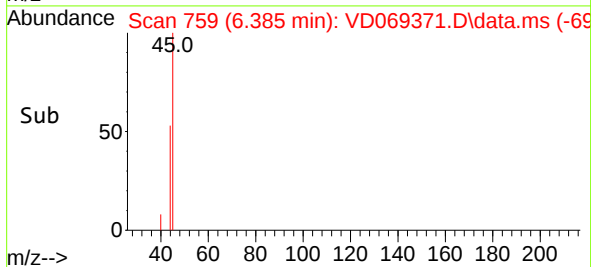
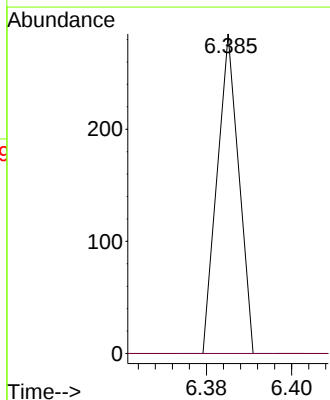
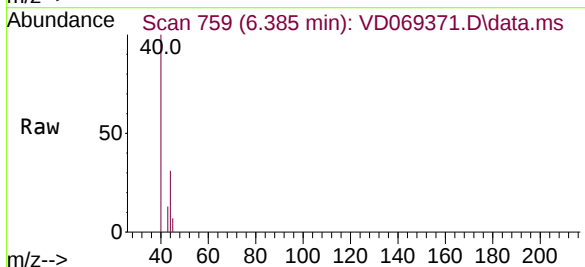
Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

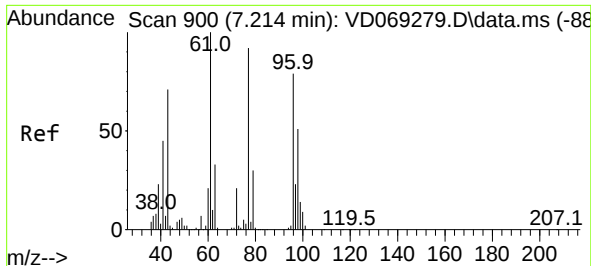
Tgt Ion: 84	Resp: 29945		
Ion	Ratio	Lower	Upper
84	100		
49	100.6	83.7	125.5
51	29.6	26.4	39.6
86	62.6	52.8	79.2



#23
Vinyl Acetate
Concen: 11.64 ug/l
RT: 6.385 min Scan# 759
Delta R.T. 0.076 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

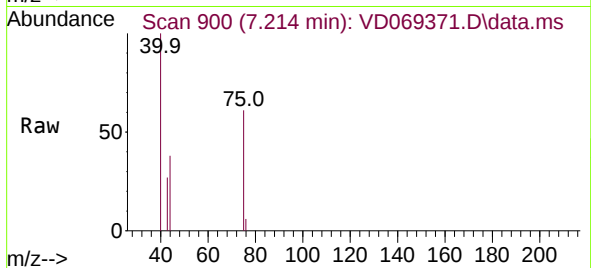
Tgt Ion: 43	Resp: 101		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.5	15.7#	



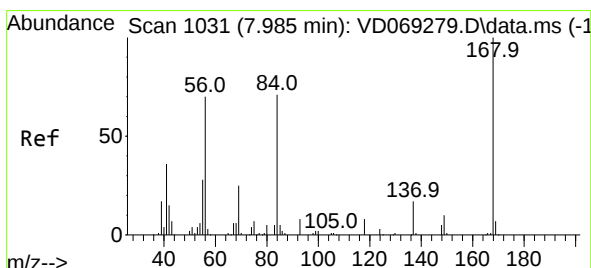
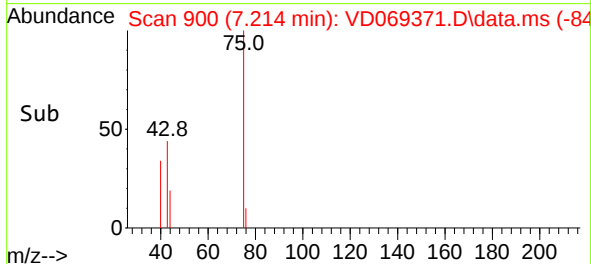
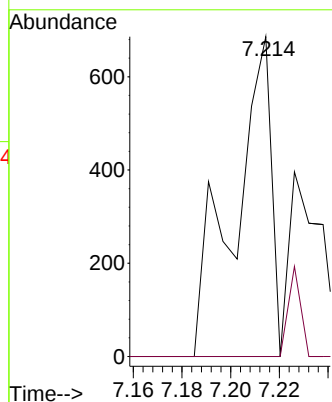


#25
2-Butanone
Concen: 1.37 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

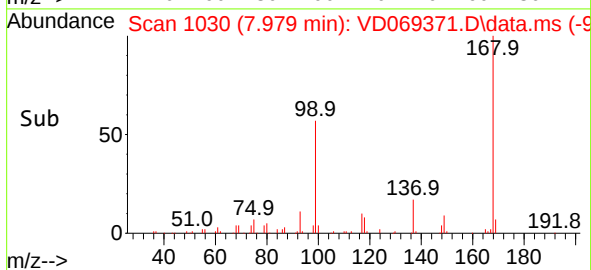
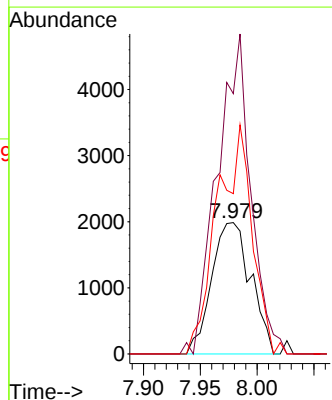
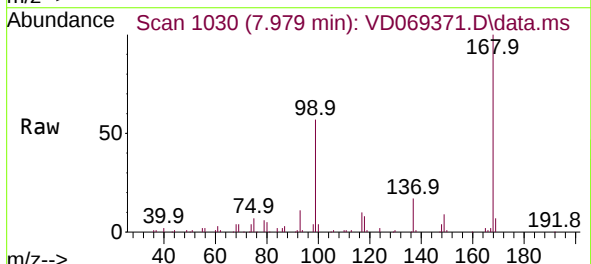


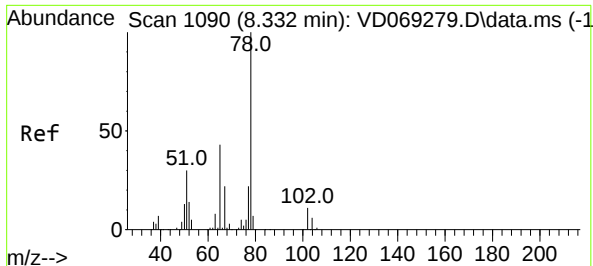
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
72 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion: 56 Resp: 4765
Ion Ratio Lower Upper
56 100
69 198.3 29.0 43.4#
84 122.1 81.1 121.7#

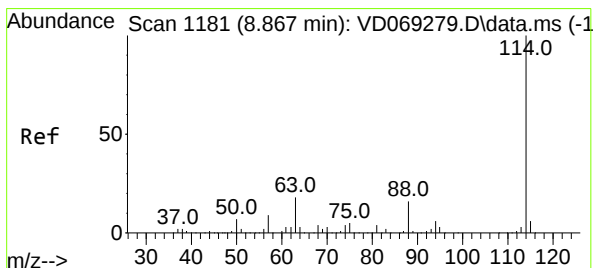
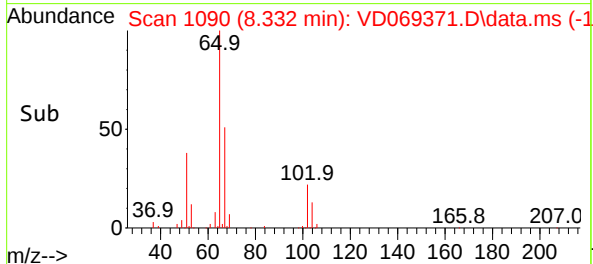
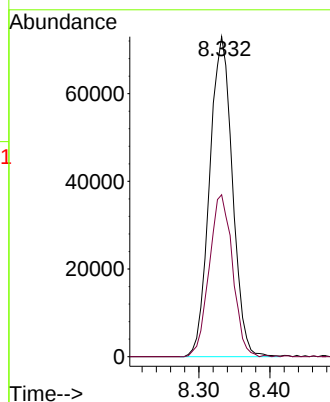
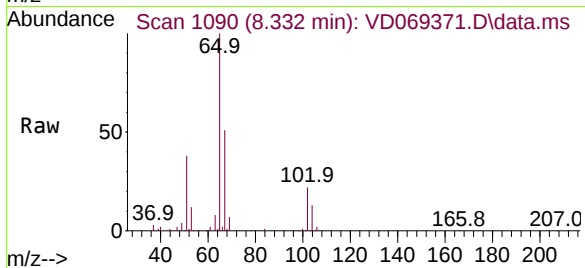




#33
1,2-Dichloroethane-d4
Concen: 70.84 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

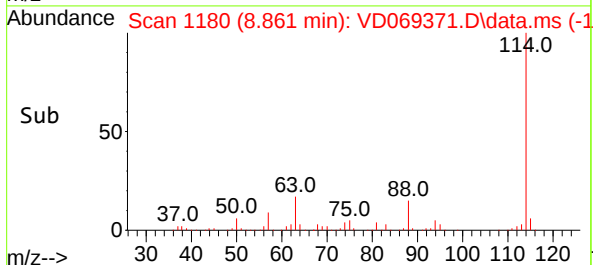
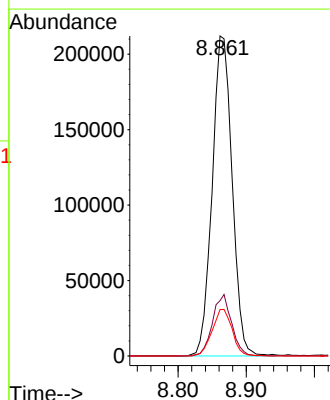
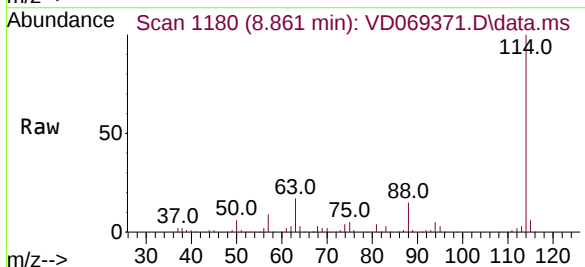
Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

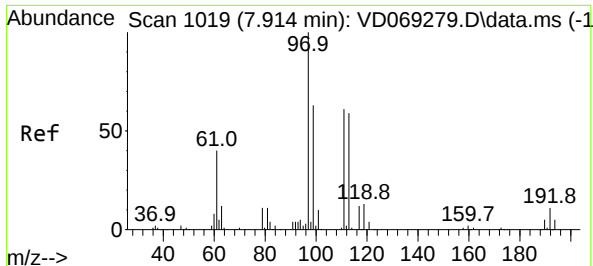
Tgt Ion: 65 Resp: 162993
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion: 114 Resp: 432332
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.6
88 14.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 58.30 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VD069371.D

Acq: 07 Jun 2021 16:42

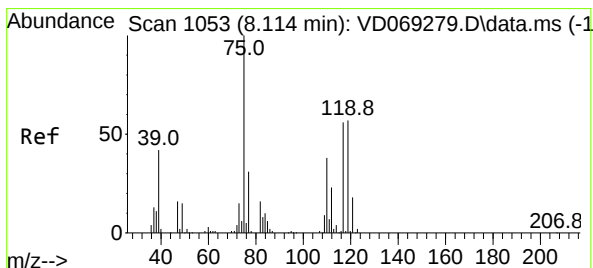
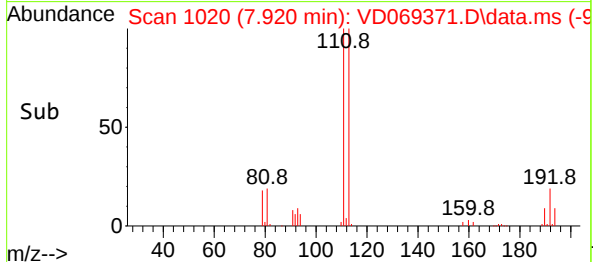
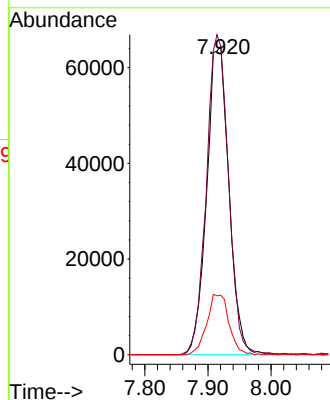
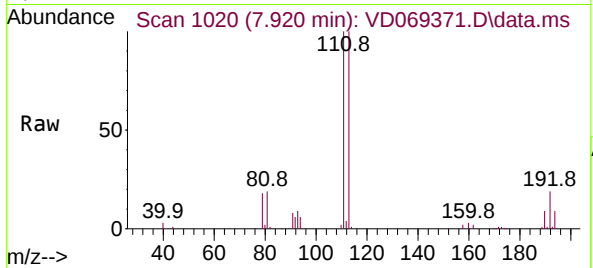
Tgt Ion:113 Resp: 158270

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

192 19.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.26 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD069371.D

Acq: 07 Jun 2021 16:42

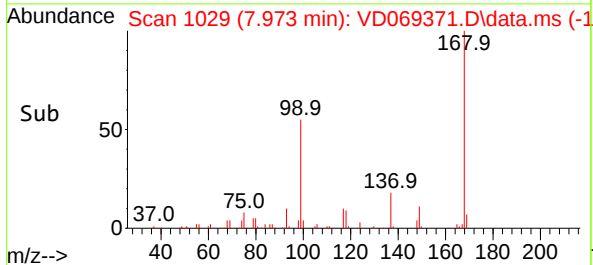
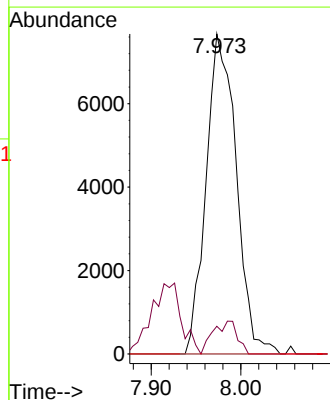
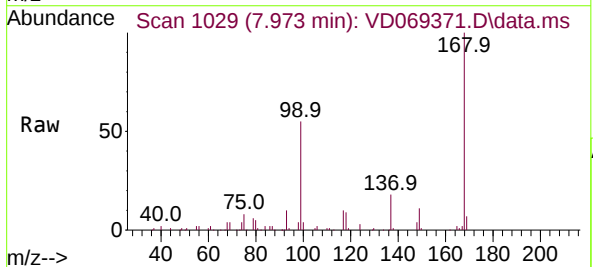
Tgt Ion: 75 Resp: 17919

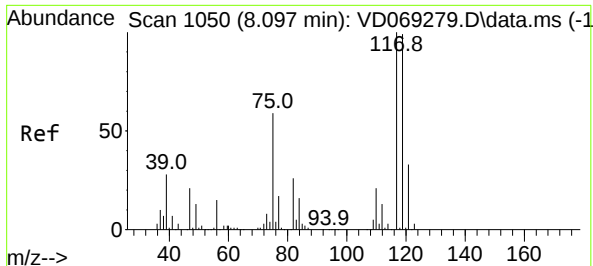
Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.2#

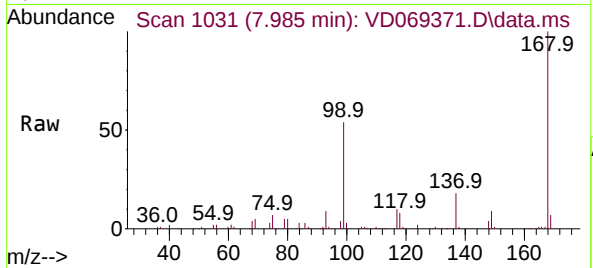
77 0.0 24.9 37.3#



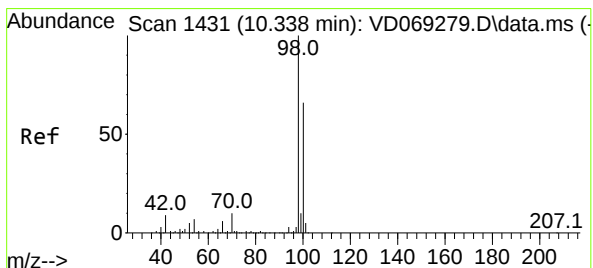
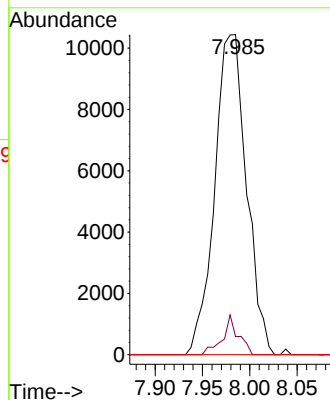
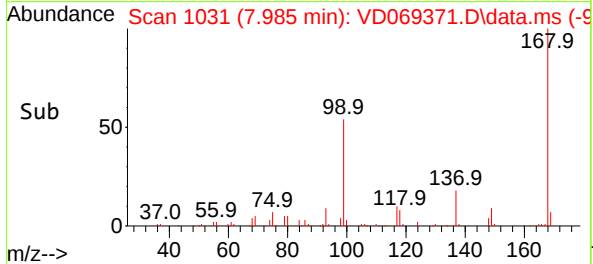


#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

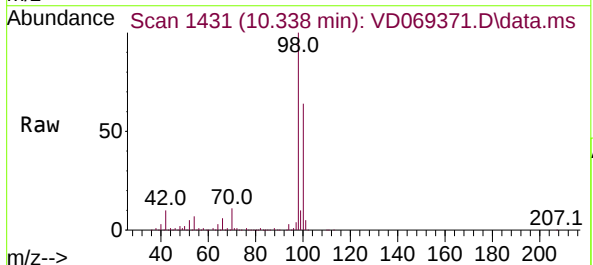
Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)



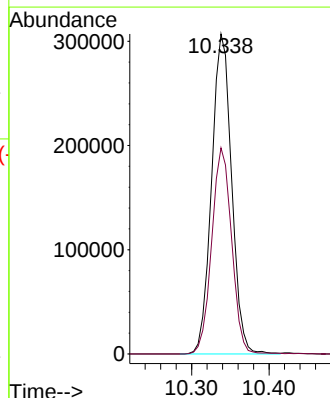
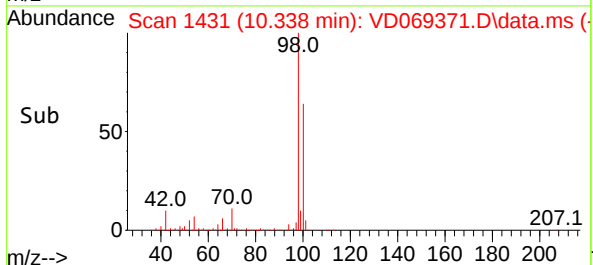
Tgt Ion:117 Resp: 24462
Ion Ratio Lower Upper
117 100
119 5.7 79.4 119.2#
121 0.0 26.1 39.1#

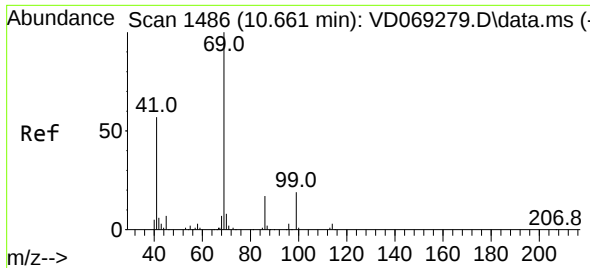


#50
Toluene-d8
Concen: 55.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42



Tgt Ion: 98 Resp: 550357
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

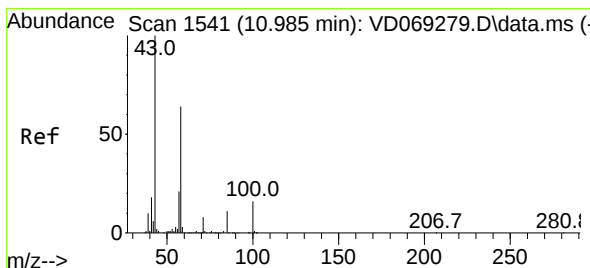
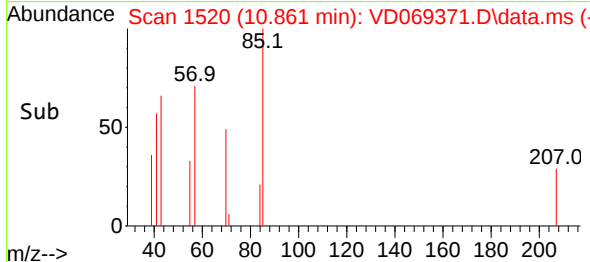
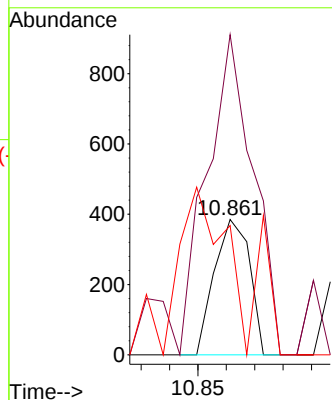
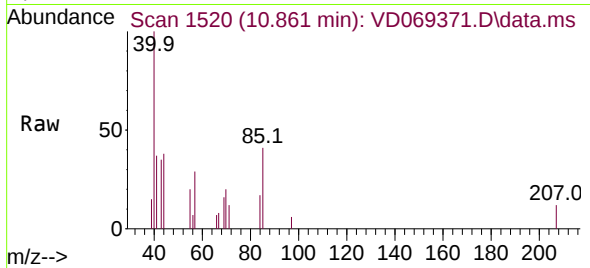




#56
Ethyl methacrylate
Concen: 2.76 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. 0.200 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

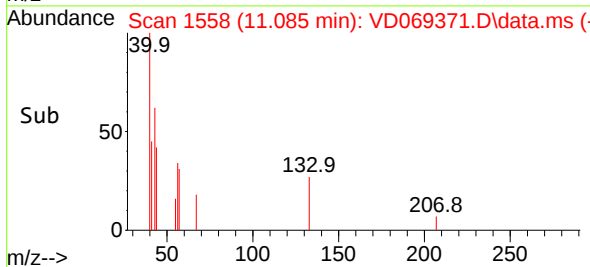
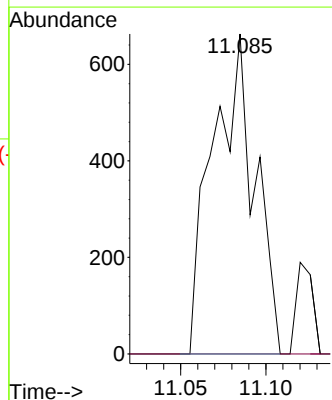
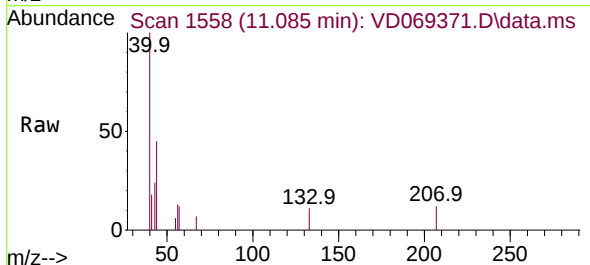
Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

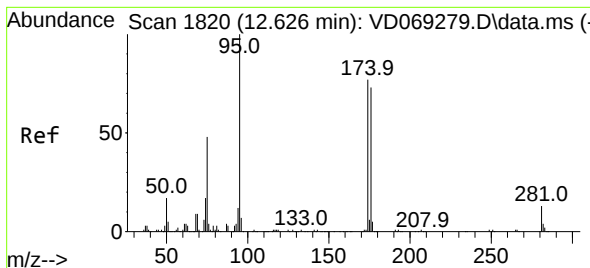
Tgt Ion: 69 Resp: 331
Ion Ratio Lower Upper
69 100
41 346.5 45.4 68.2#
39 217.8 21.7 32.5#



#59
2-Hexanone
Concen: 1.28 ug/l
RT: 11.085 min Scan# 1558
Delta R.T. 0.100 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion: 43 Resp: 1144
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.3#

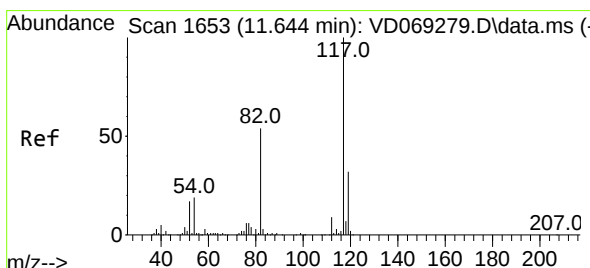
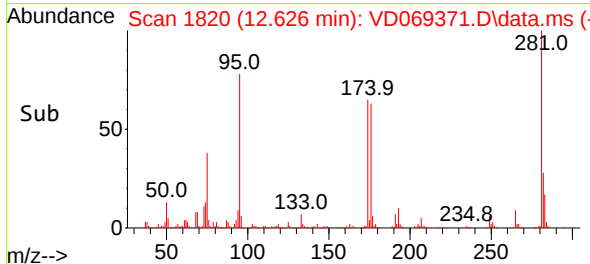
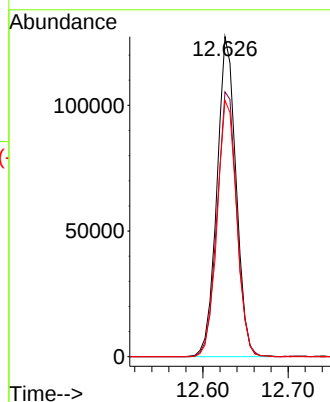
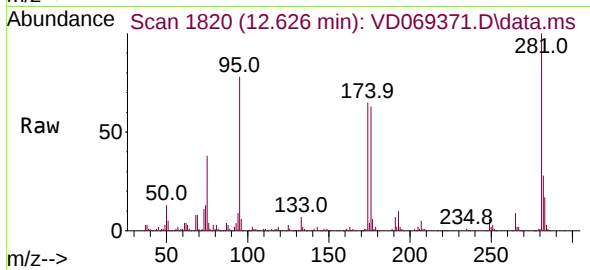




#62
4-Bromofluorobenzene
Concen: 61.44 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

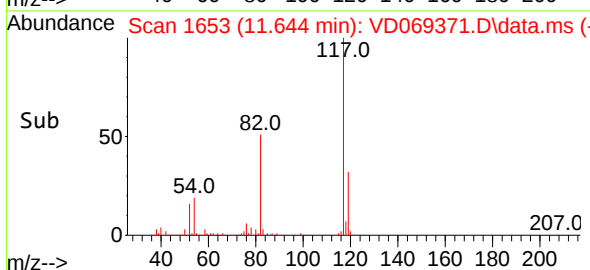
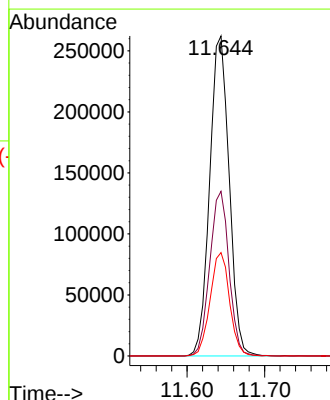
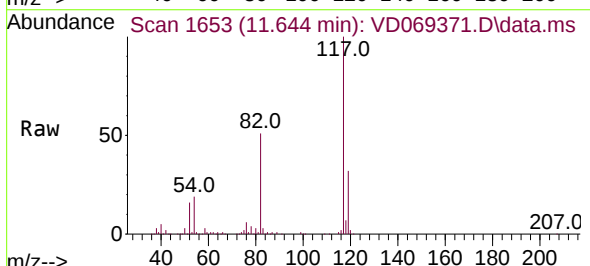
Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

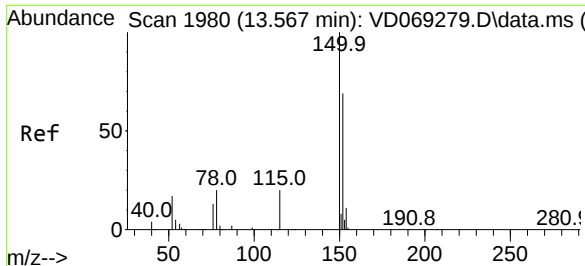
Tgt Ion: 95 Resp: 198765
Ion Ratio Lower Upper
95 100
174 85.2 0.0 162.8
176 82.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion: 117 Resp: 457631
Ion Ratio Lower Upper
117 100
82 51.5 43.3 64.9
119 32.3 25.3 37.9

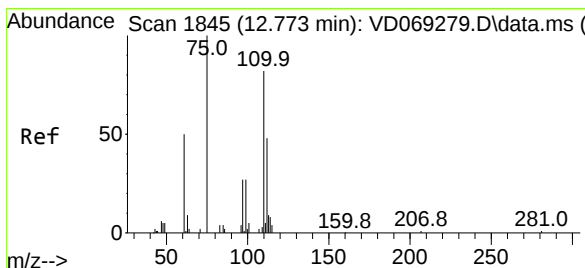
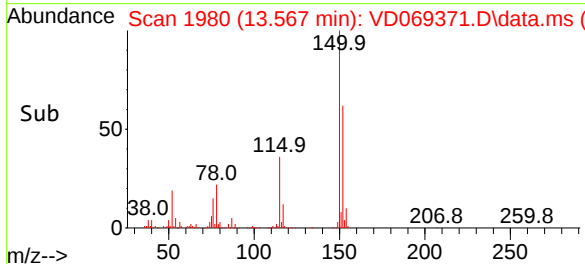
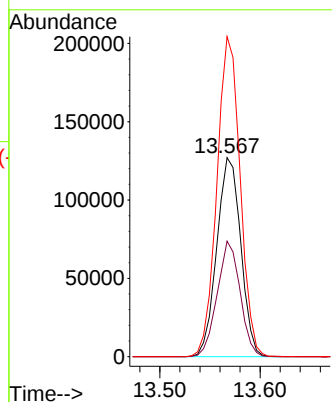
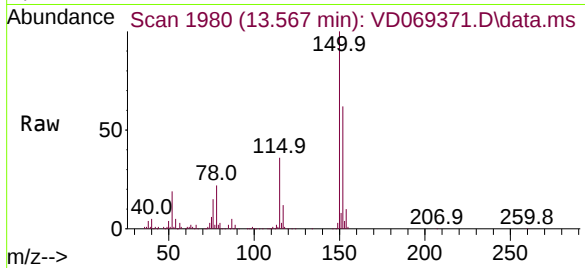




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

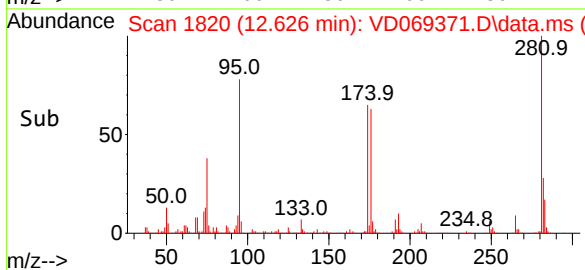
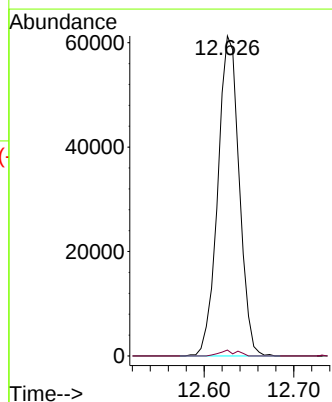
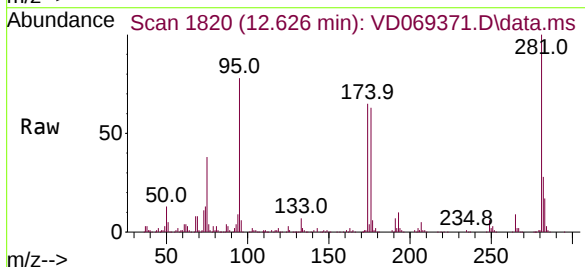
Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

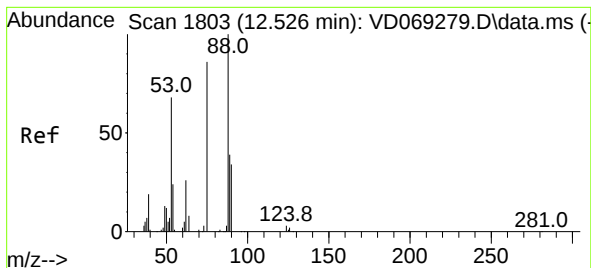
Tgt Ion:152 Resp: 210366
Ion Ratio Lower Upper
152 100
115 55.5 29.4 88.3
150 156.1 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 55.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion: 75 Resp: 101543
Ion Ratio Lower Upper
75 100
77 1.5 183.8 551.2#

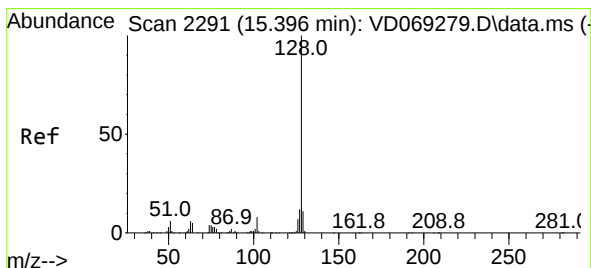
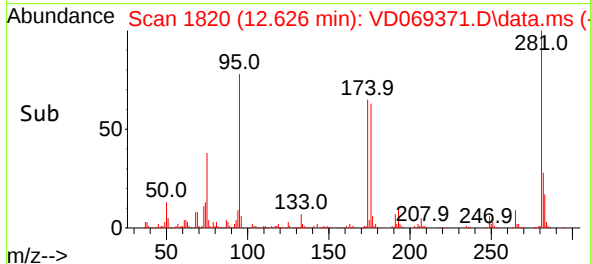
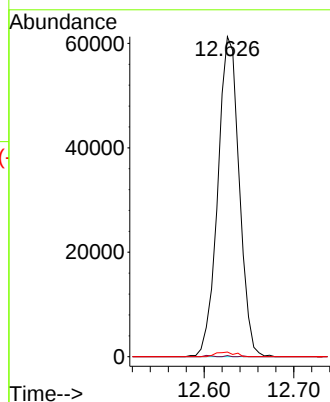
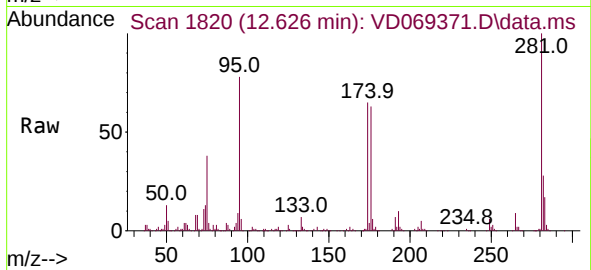




#81
trans-1,4-Dichloro-2-butene
Concen: 123.11 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Instrument :
MSVOA_D
ClientSampleId :
18-B12(XX)

Tgt Ion: 75 Resp: 101543
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 1.3 35.6 53.4#



#95
Naphthalene
Concen: 3.32 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069371.D
Acq: 07 Jun 2021 16:42

Tgt Ion: 128 Resp: 103
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

