

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070459.D
 Acq On : 24 Sep 2021 17:16
 Operator : VA/SY
 Sample : M3921-01RE
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

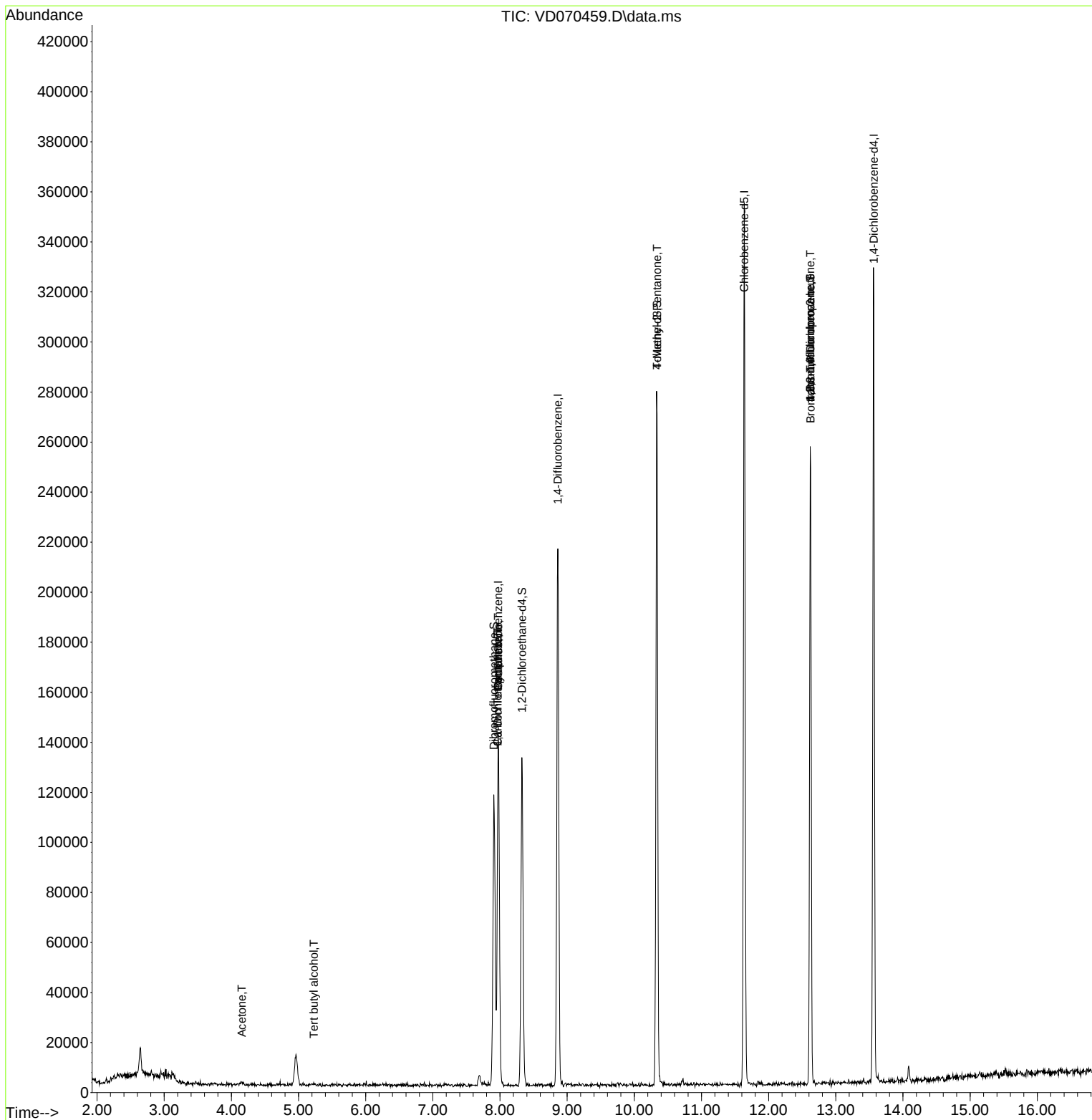
Quant Time: Sep 25 03:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

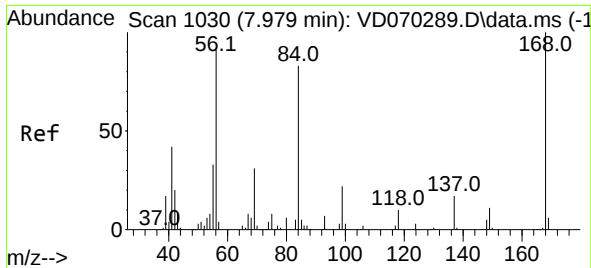
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	96618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	190279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	205955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	88704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	101766	82.030	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 164.060%#			
35) Dibromofluoromethane	7.908	113	83512	61.658	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 123.320%			
50) Toluene-d8	10.338	98	195638	39.783	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 79.560%			
62) 4-Bromofluorobenzene	12.620	95	73272	42.634	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.260%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	447	Below Cal	#	42
5) Bromomethane	2.785	94	828	Below Cal	#	16
11) Tert butyl alcohol	5.226	59	839	5.981	ug/l #	100
16) Acetone	4.156	43	1415	6.389	ug/l #	80
18) Methyl Acetate	4.732	43	169	Below Cal	#	48
31) Cyclohexane	7.973	56	2749	1.286	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	8200	4.032	ug/l #	44
38) Carbon Tetrachloride	7.967	117	10603	5.271	ug/l #	12
51) 4-Methyl-2-Pentanone	10.338	43	832	1.143	ug/l #	1
71) Bromoform	12.626	173	919	1.190	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	34147	38.057	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	34147	95.356	ug/l #	17

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

Quant Time: Sep 25 03:09:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

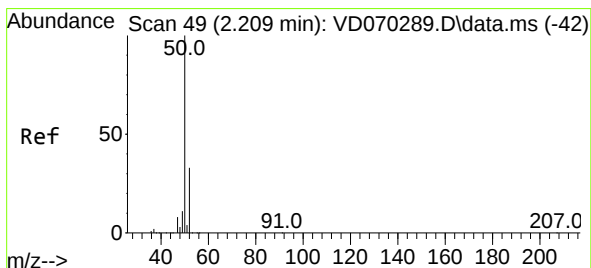
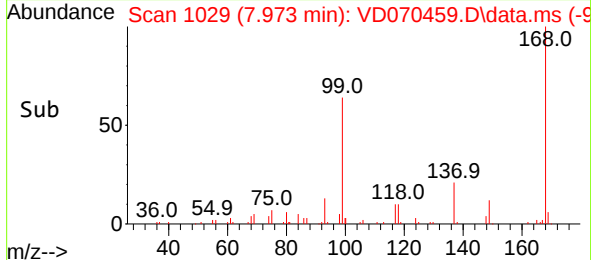
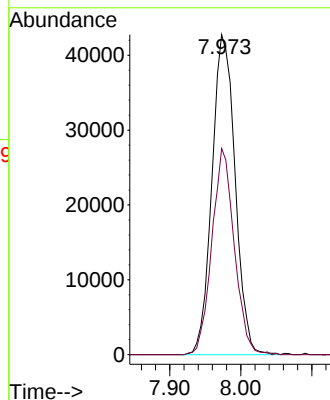
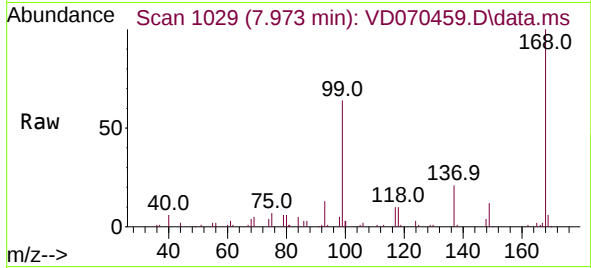




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

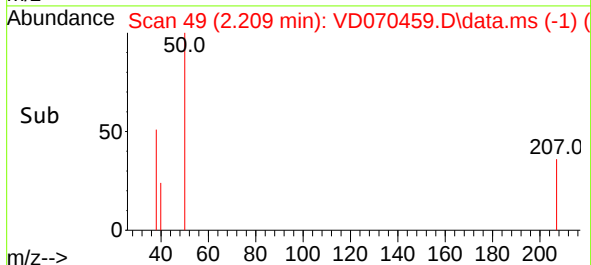
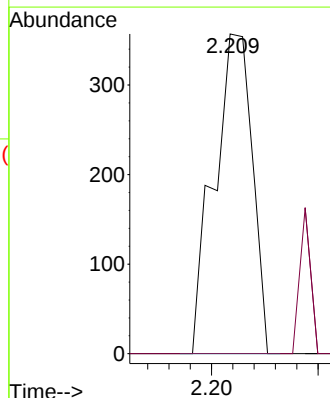
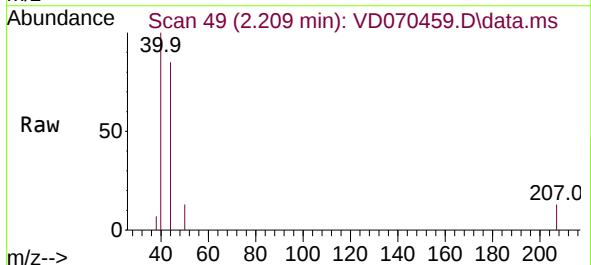
Instrument :
MSVOA_D
ClientSampleId :

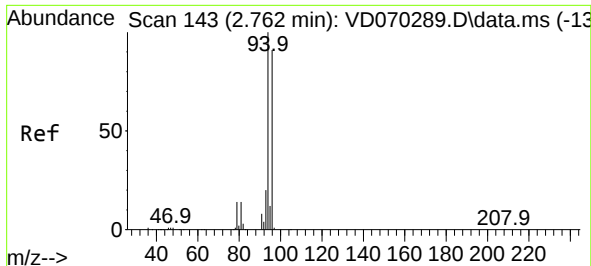
Tgt Ion:168 Resp: 96618
Ion Ratio Lower Upper
168 100
99 64.4 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

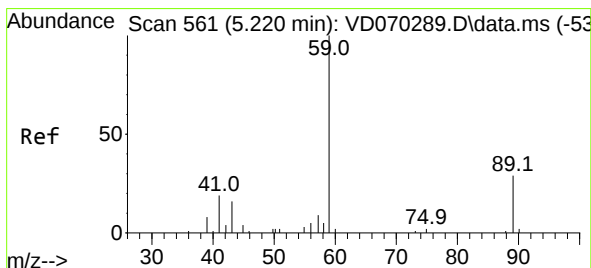
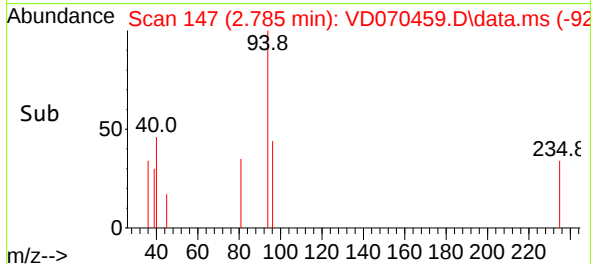
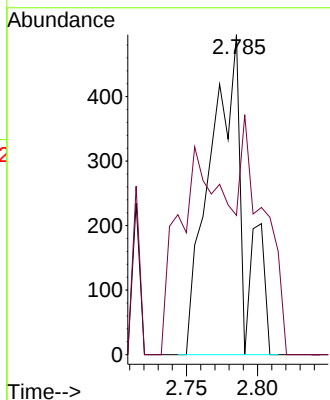
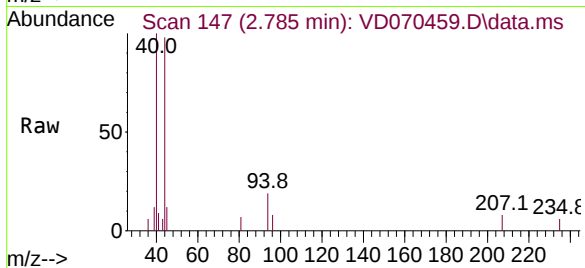




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

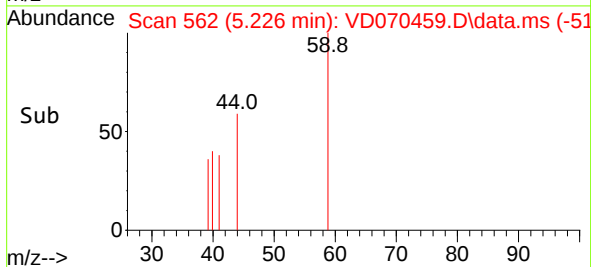
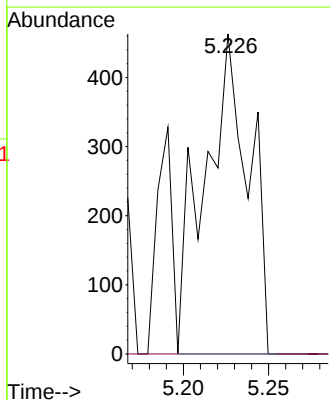
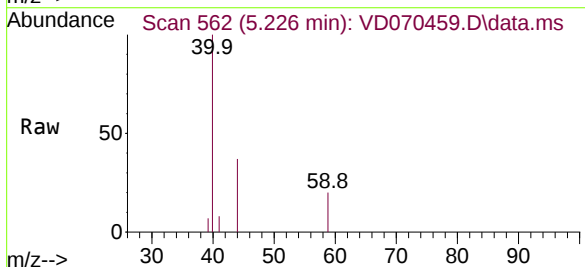
Instrument :
MSVOA_D
ClientSampleId :

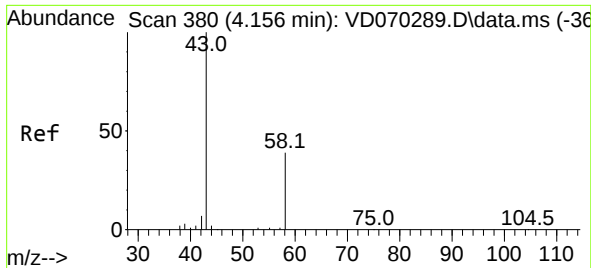
Tgt Ion: 94 Resp: 828
Ion Ratio Lower Upper
94 100
96 11.3 73.0 109.6#



#11
Tert butyl alcohol
Concen: 5.981 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Tgt Ion: 59 Resp: 839
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

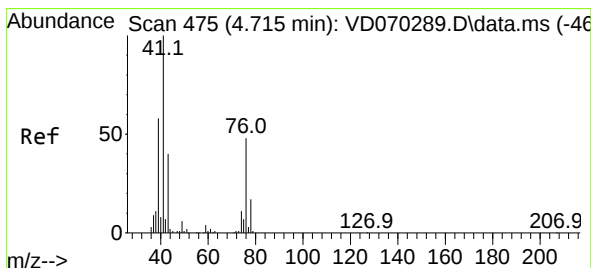
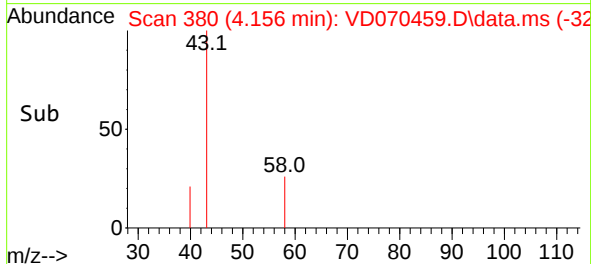
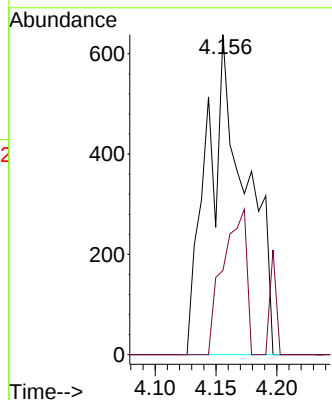
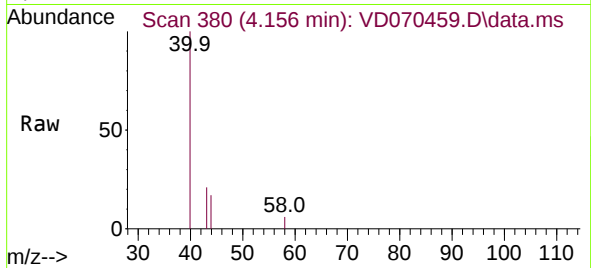




#16
Acetone
Concen: 6.389 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

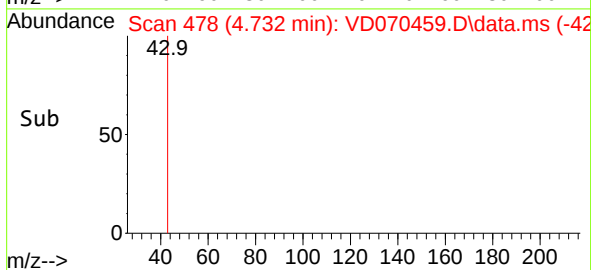
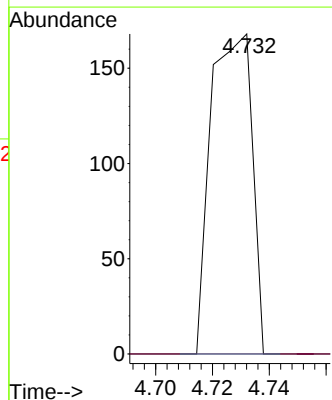
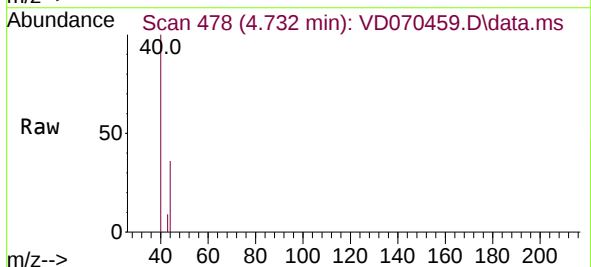
Instrument :
MSVOA_D
ClientSampled :

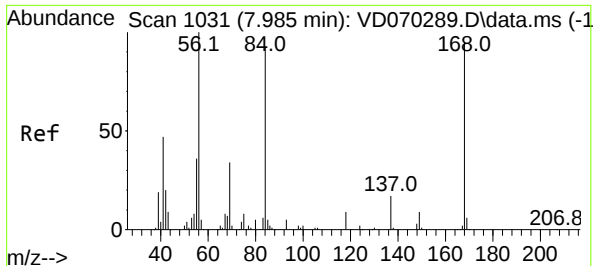
Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 26.3 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

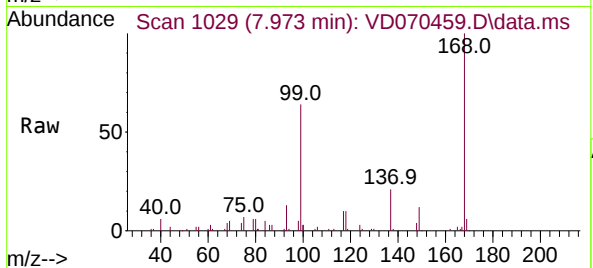
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



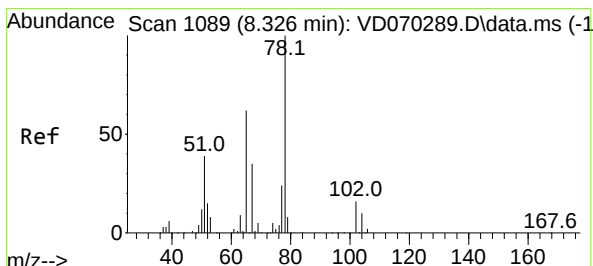
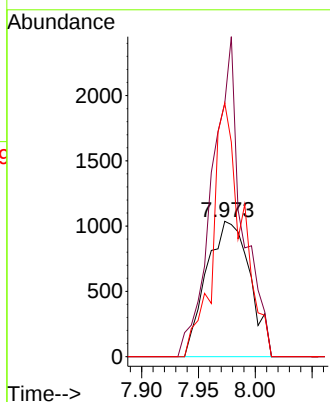
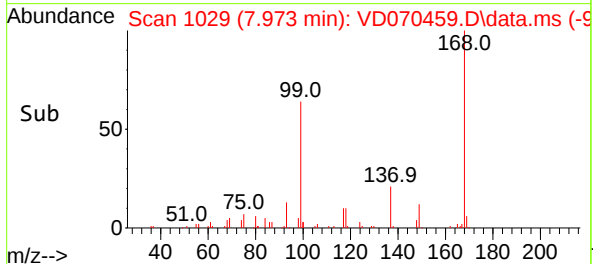


#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

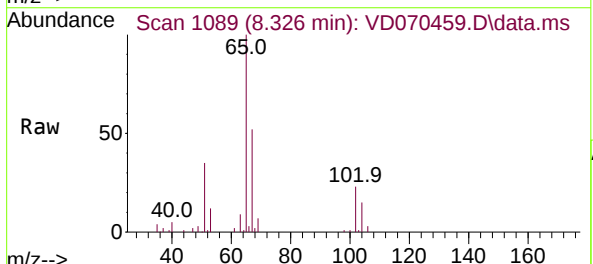
Instrument :
MSVOA_D
ClientSampled :



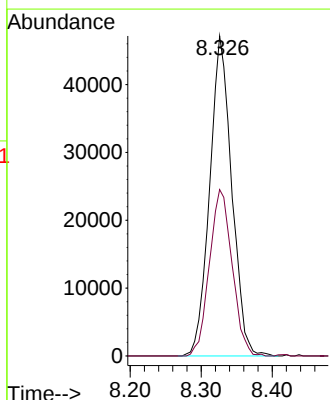
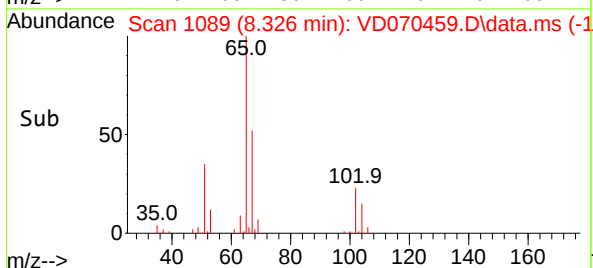
Tgt Ion: 56 Resp: 2749
Ion Ratio Lower Upper
56 100
69 187.3 26.9 40.3#
84 187.5 73.6 110.4#

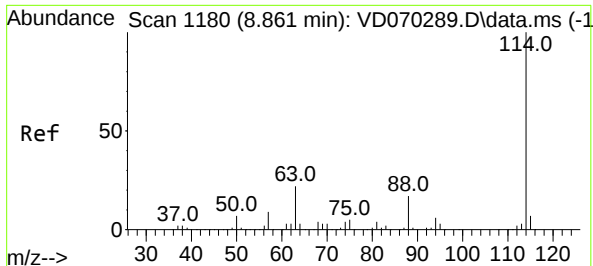


#33
1,2-Dichloroethane-d4
Concen: 82.030 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16



Tgt Ion: 65 Resp: 101766
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.4

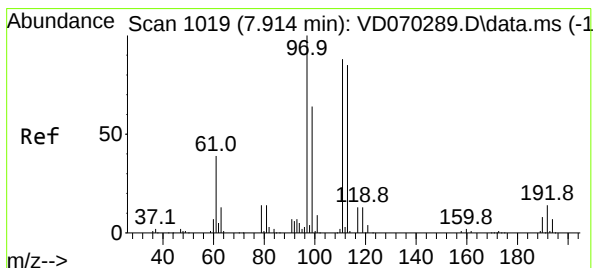
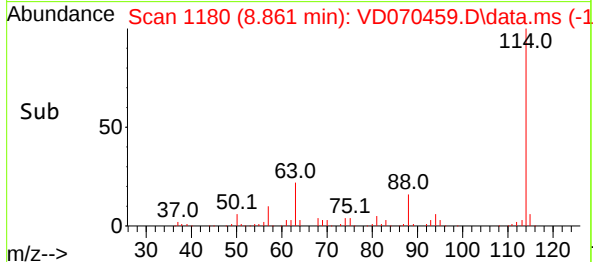
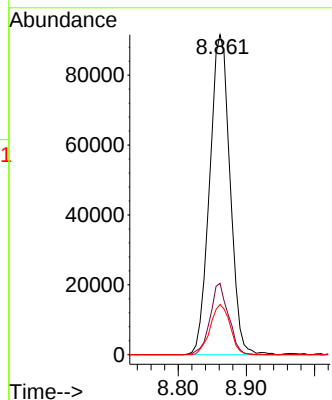
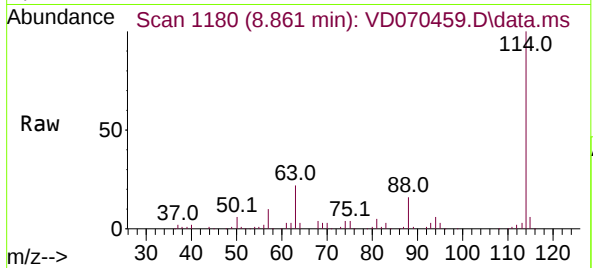




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

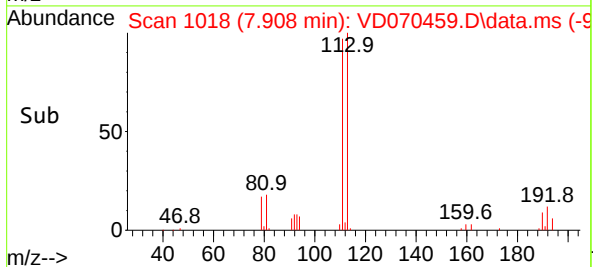
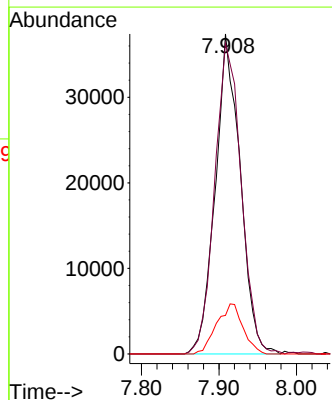
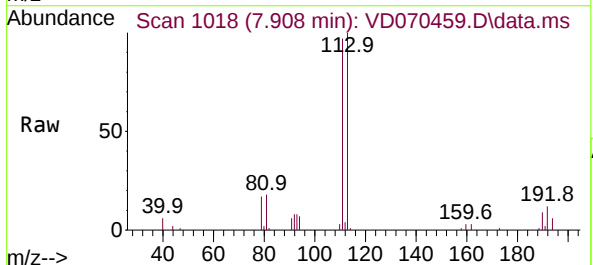
Instrument :
MSVOA_D
ClientSampleId :

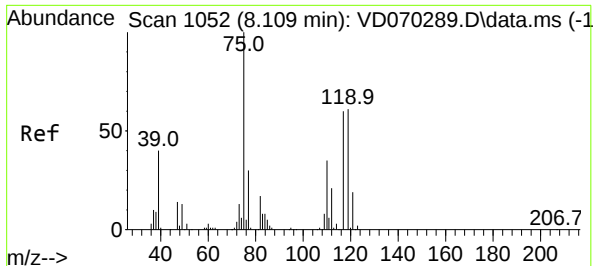
Tgt Ion:114 Resp: 190279
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.4
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 61.658 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Tgt Ion:113 Resp: 83512
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 16.6 13.0 19.6





#36

1,1-Dichloropropene

Concen: 4.032 ug/l

RT: 7.967 min Scan# 1028

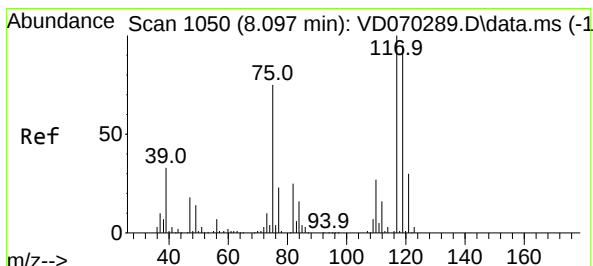
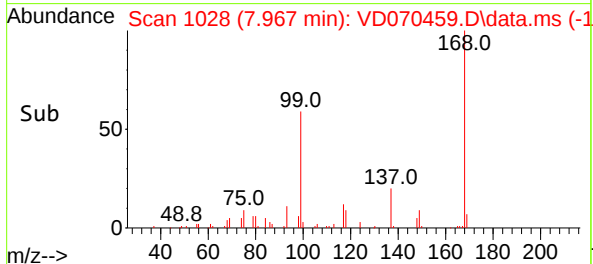
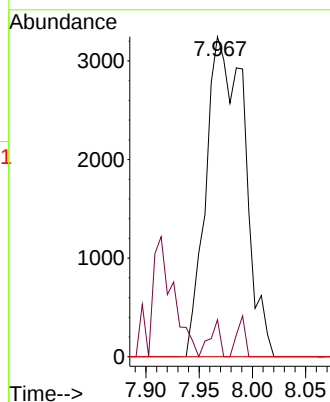
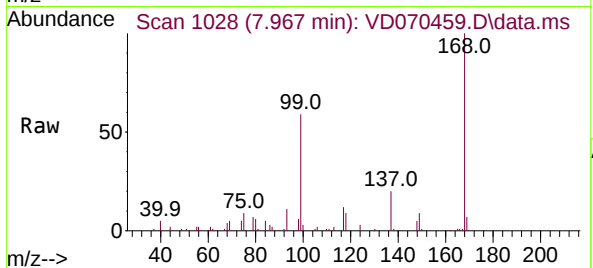
Delta R.T. -0.141 min

Lab File: VD070459.D

Acq: 24 Sep 2021 17:16

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	75	Resp:	8200
Ion	Ratio	Lower	Upper
75	100		
110	3.1	17.9	53.7#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 5.271 ug/l

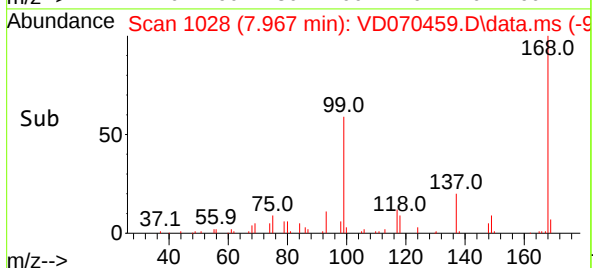
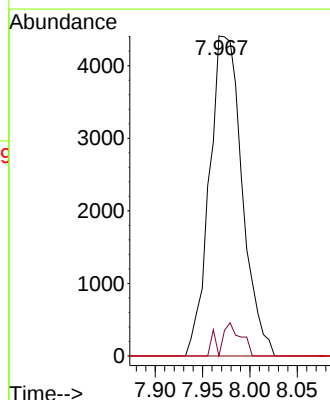
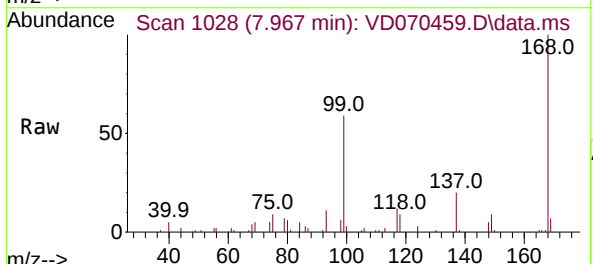
RT: 7.967 min Scan# 1028

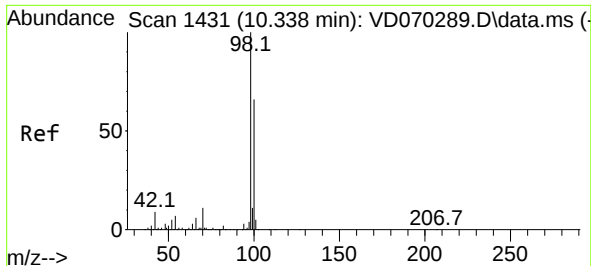
Delta R.T. -0.130 min

Lab File: VD070459.D

Acq: 24 Sep 2021 17:16

Tgt Ion:	117	Resp:	10603
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.1	114.1#
121	0.0	23.8	35.6#

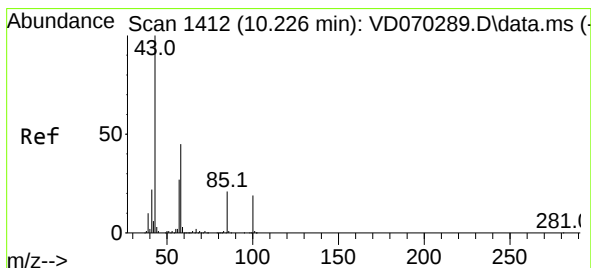
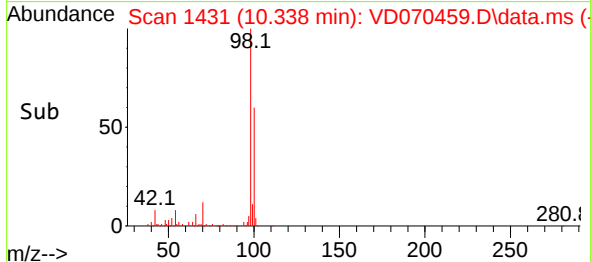
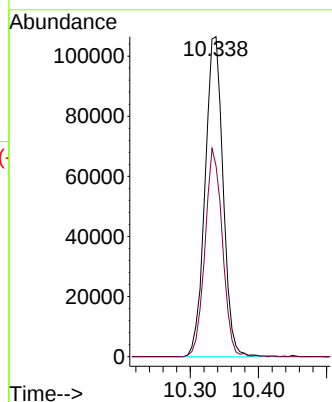
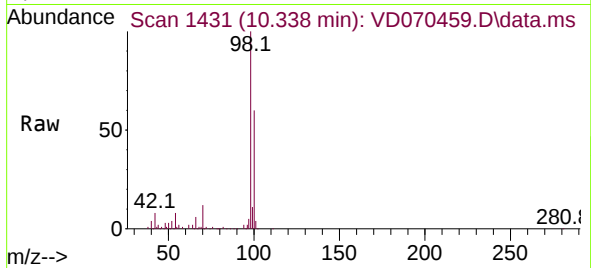




#50
Toluene-d8
Concen: 39.783 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

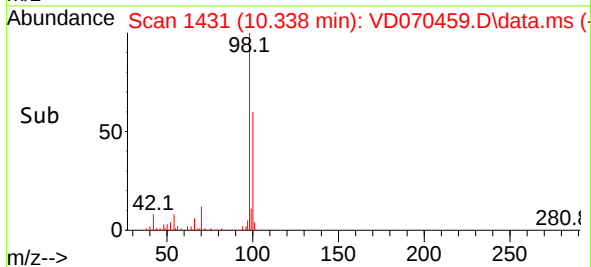
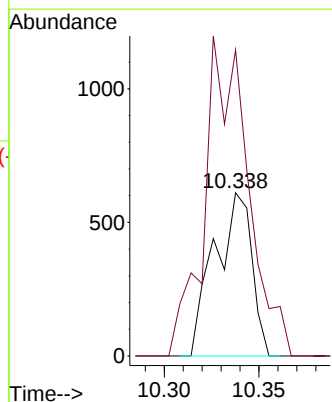
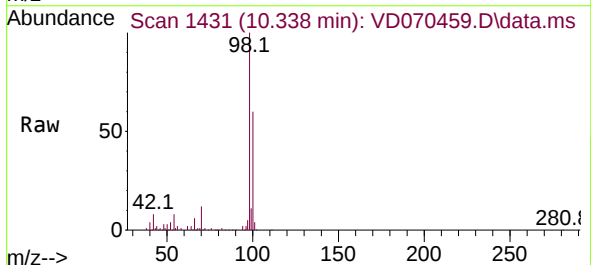
Instrument :
MSVOA_D
ClientSampleId :

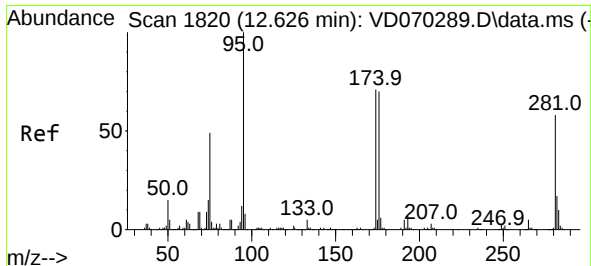
Tgt Ion: 98 Resp: 195638
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.143 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 228.7 35.4 53.2#

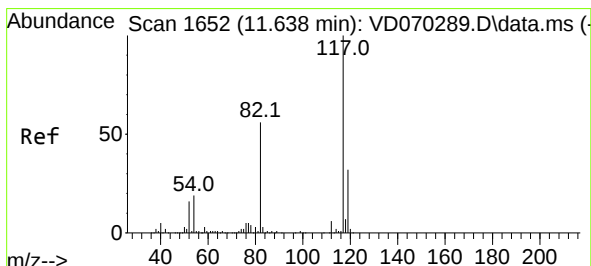
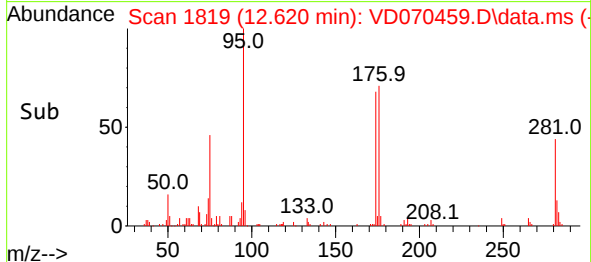
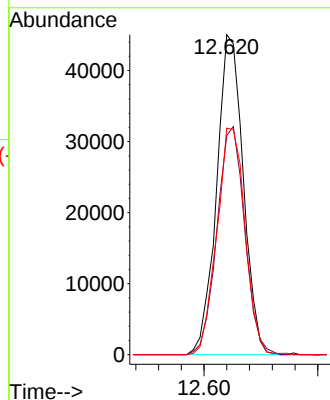
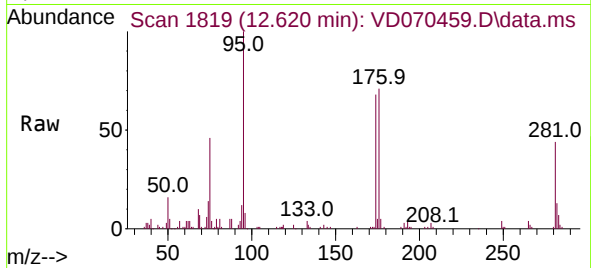




#62
4-Bromofluorobenzene
Concen: 42.634 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

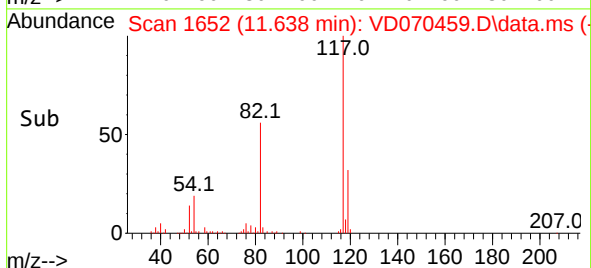
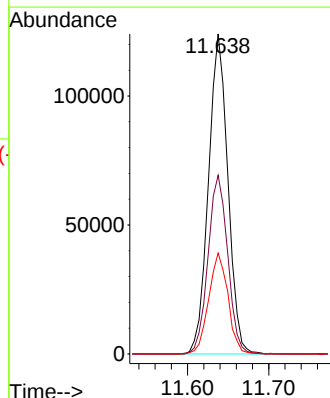
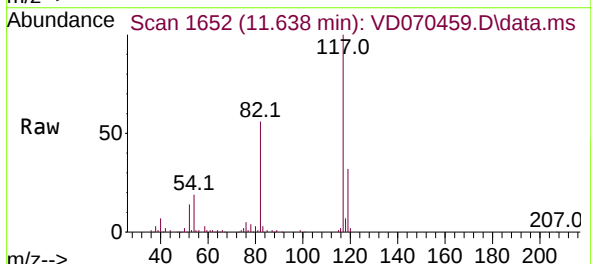
Instrument :
MSVOA_D
ClientSampleId :

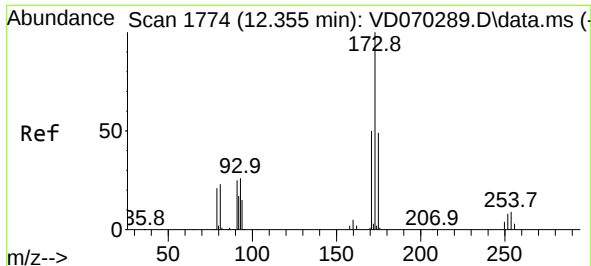
Tgt Ion: 95 Resp: 73272
Ion Ratio Lower Upper
95 100
174 74.0 0.0 140.6
176 75.0 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Tgt Ion:117 Resp: 205955
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 31.6 25.2 37.8

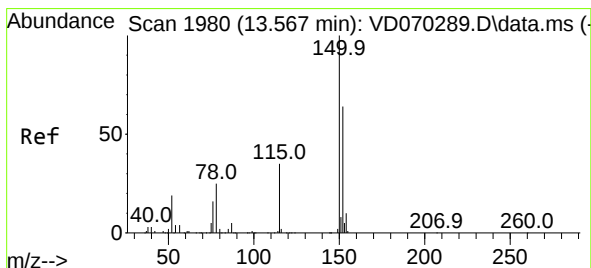
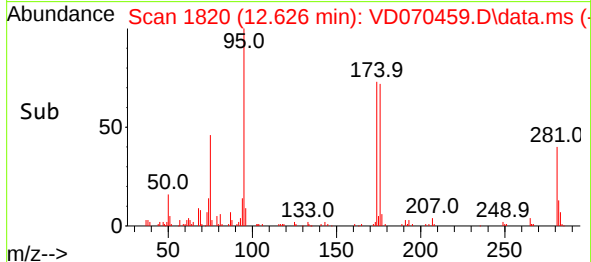
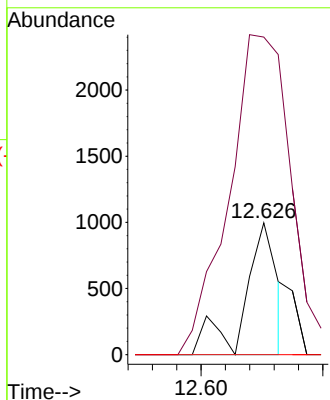
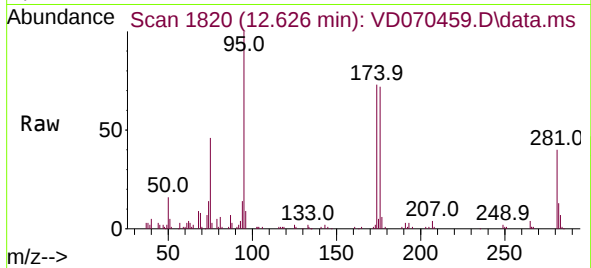




#71
Bromoform
Concen: 1.190 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

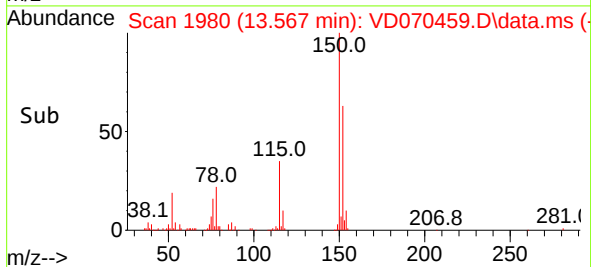
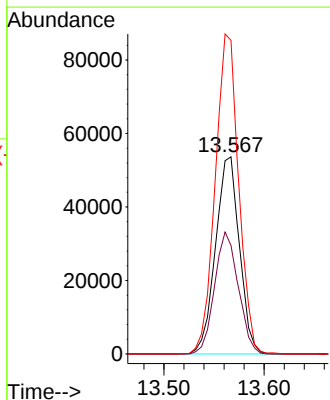
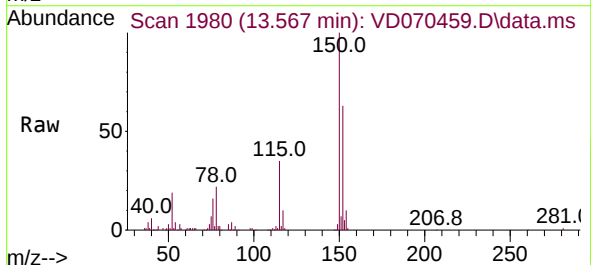
Instrument :
MSVOA_D
ClientSampled :

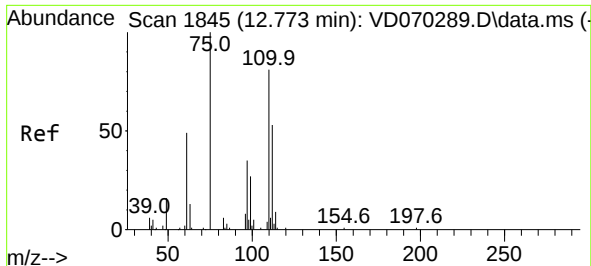
Tgt Ion:173 Resp: 919
Ion Ratio Lower Upper
173 100
175 390.0 25.1 75.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Tgt Ion:152 Resp: 88704
Ion Ratio Lower Upper
152 100
115 61.3 32.1 96.3
150 159.2 0.0 350.6

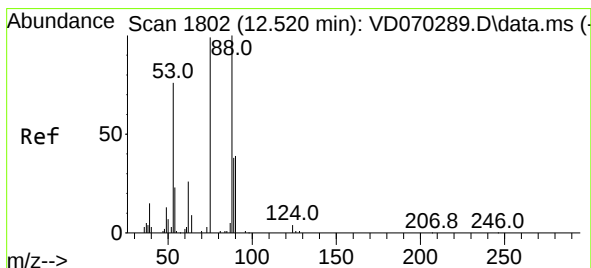
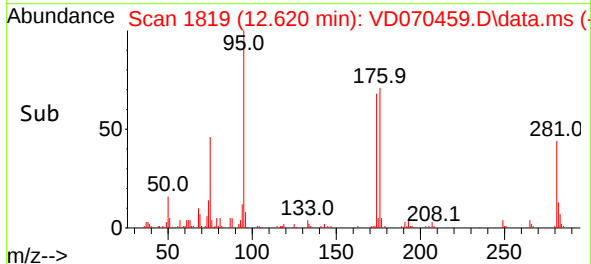
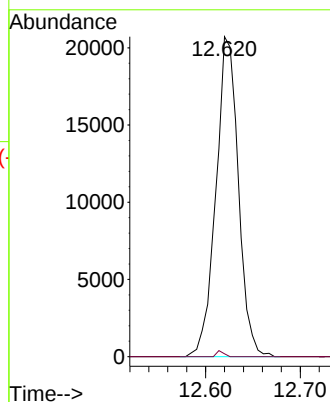
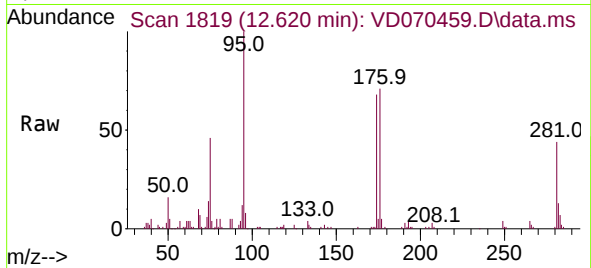




#76
1,2,3-Trichloropropane
Concen: 38.057 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 34147
Ion Ratio Lower Upper
75 100
77 0.6 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.356 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070459.D
Acq: 24 Sep 2021 17:16

Tgt Ion: 75 Resp: 34147
Ion Ratio Lower Upper
75 100
53 0.0 64.2 96.2#
89 0.2 35.6 53.4#

