

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070734.D
 Acq On : 18 Oct 2021 17:12
 Operator : VA/SY
 Sample : M4259-10
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-AS

Quant Time: Oct 19 06:41:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

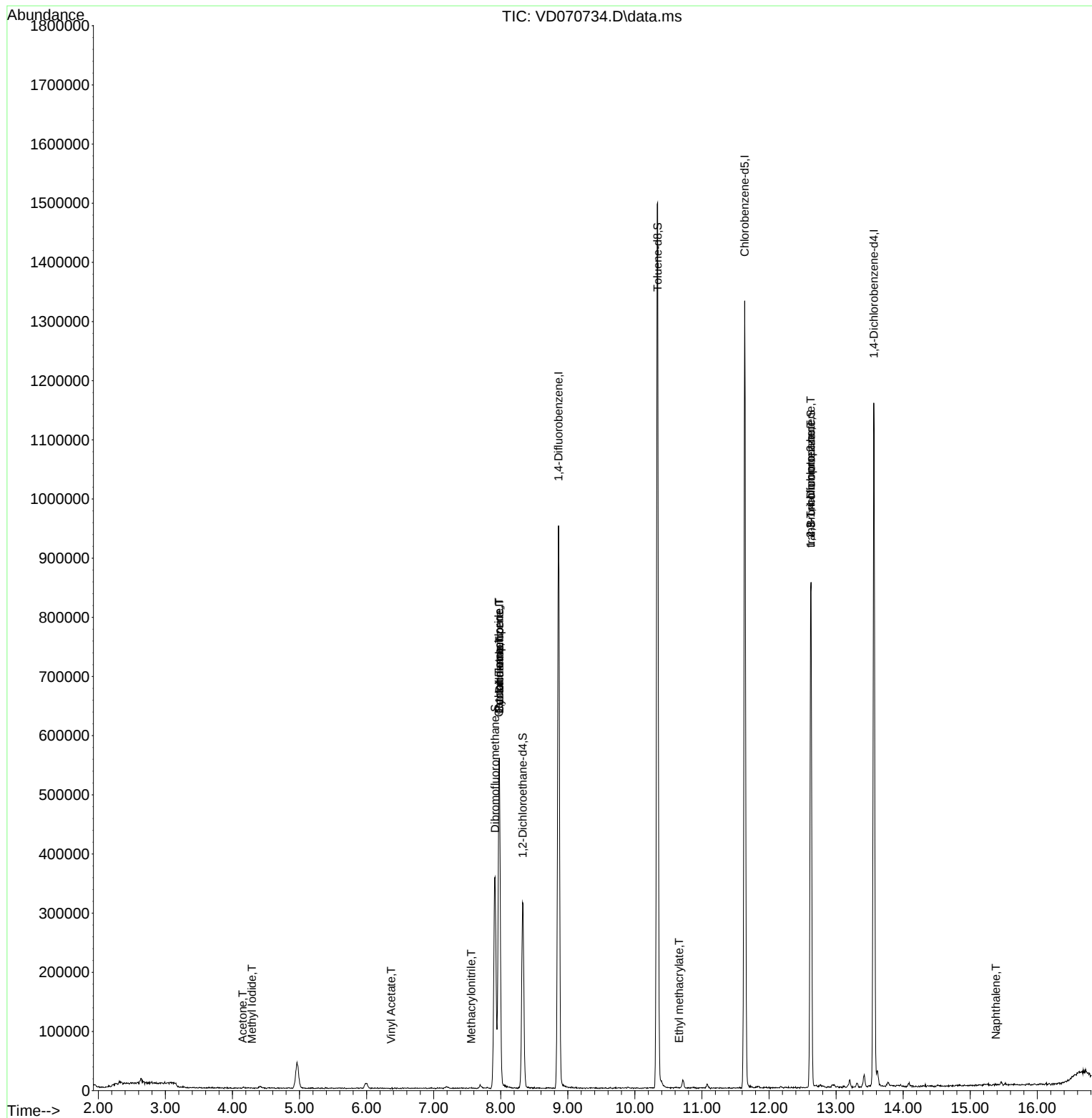
Internal Standards						
1) Pentafluorobenzene	7.979	168	389502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	759180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	718232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253977	55.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.100%	
35) Dibromofluoromethane	7.914	113	255019	52.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.338	98	999359	53.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.626	95	299987	46.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.500%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	54	3.330	ug/l #	38
16) Acetone	4.150	43	1235	1.110	ug/l #	83
20) Methylene Chloride	4.968	84	31429	Below Cal	#	85
23) Vinyl Acetate	6.367	43	184	16.350	ug/l #	69
31) Cyclohexane	7.979	56	11464	1.228	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	36901	4.363	ug/l #	49
38) Carbon Tetrachloride	7.973	117	38861	4.797	ug/l #	19
41) Methacrylonitrile	7.562	41	130	2.000	ug/l #	16
56) Ethyl methacrylate	10.661	69	587	4.249	ug/l #	71
76) 1,2,3-Trichloropropane	12.620	75	147583	57.598	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	147583	126.158	ug/l #	17
95) Naphthalene	15.385	128	451	4.835	ug/l #	70

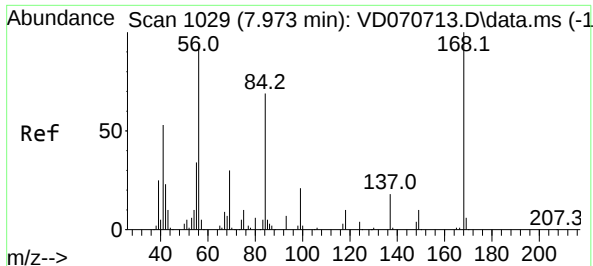
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
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ClientSampleId :
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Quant Time: Oct 19 06:41:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

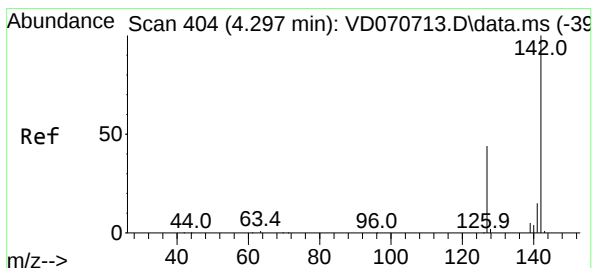
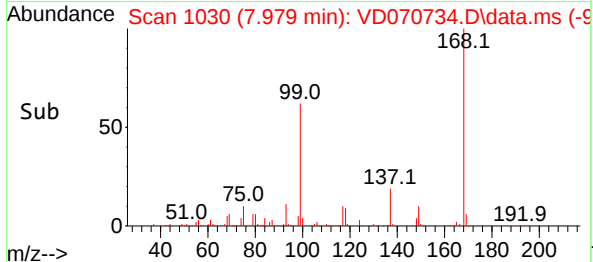
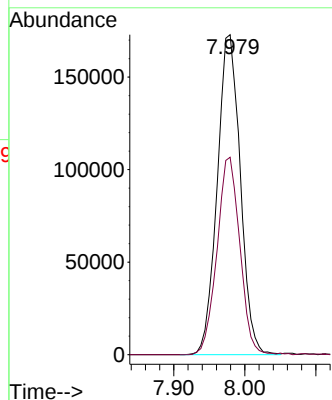
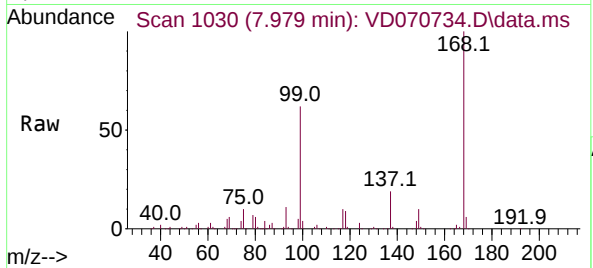




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

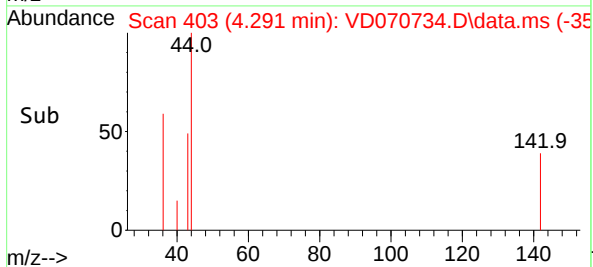
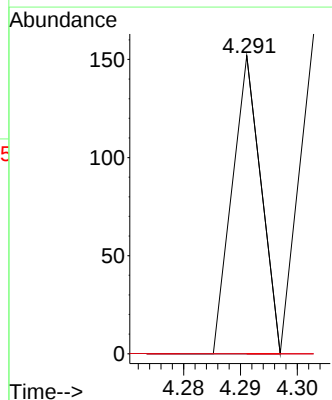
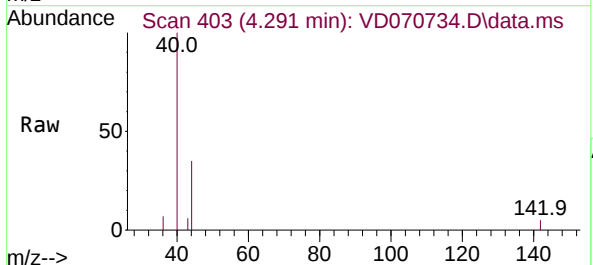
Instrument :
MSVOA_D
ClientSampleId :
WC-1-AS

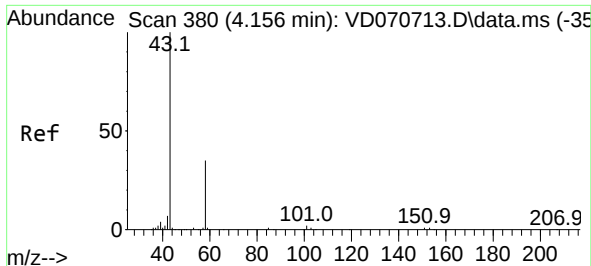
Tgt Ion:168 Resp: 389502
Ion Ratio Lower Upper
168 100
99 61.7 51.4 77.0



#10
Methyl Iodide
Concen: 3.330 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

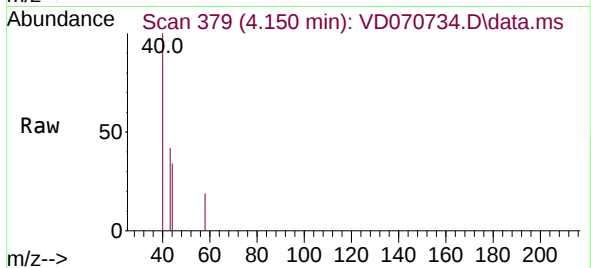
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.1 18.1#



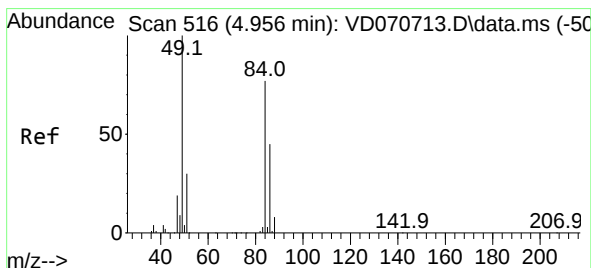
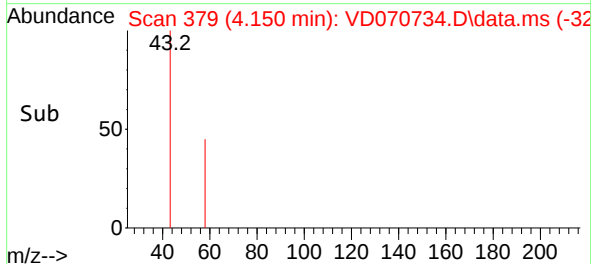
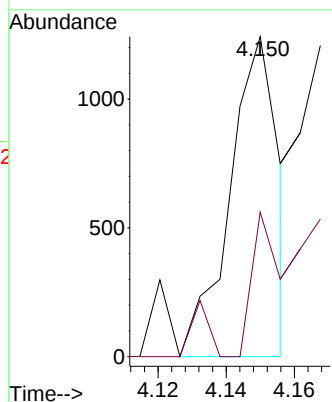


#16
Acetone
Concen: 1.110 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
WC-1-AS

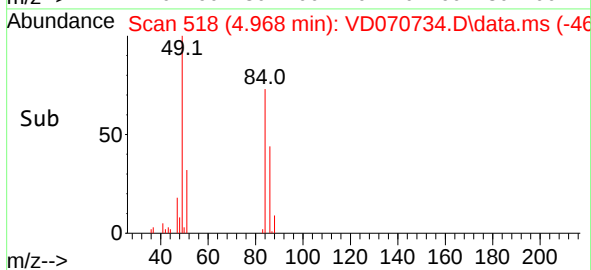
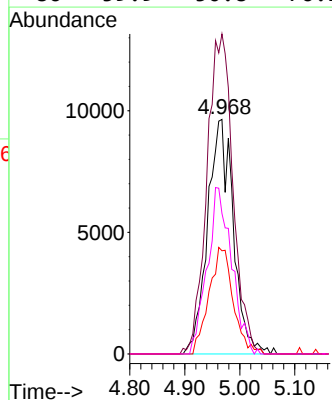
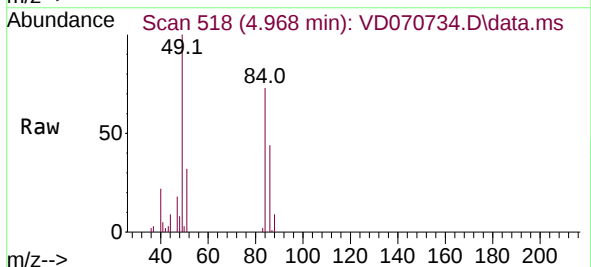


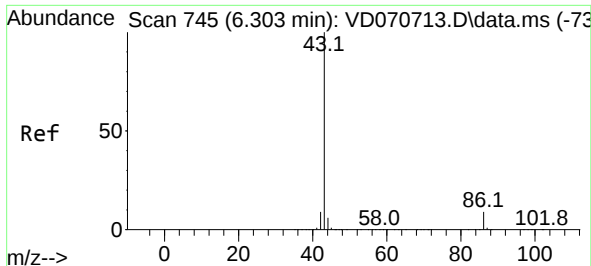
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
58 45.2 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.012 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Tgt Ion: 84 Resp: 31429
Ion Ratio Lower Upper
84 100
49 136.4 91.4 137.2
51 44.0 26.7 40.1#
86 59.9 50.8 76.2

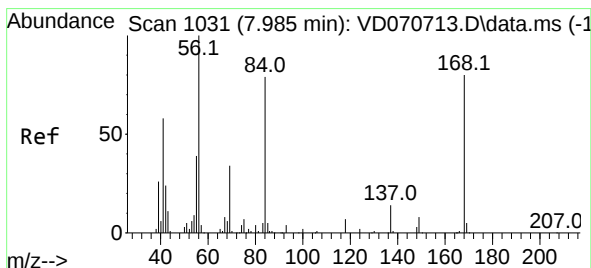
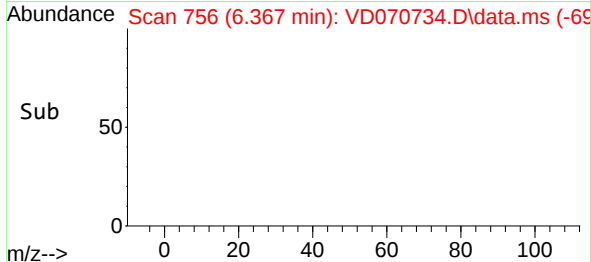
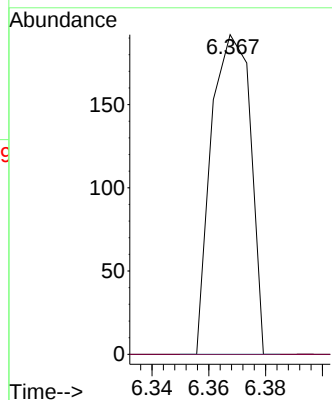
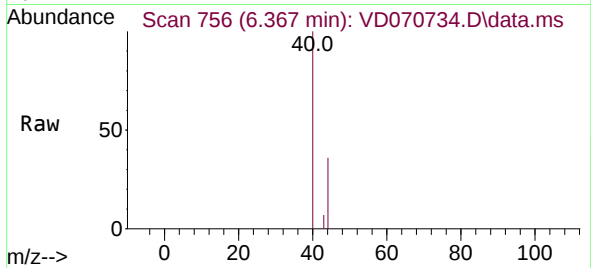




#23
 Vinyl Acetate
 Concen: 16.350 ug/l
 RT: 6.367 min Scan# 756
 Delta R.T. 0.064 min
 Lab File: VD070734.D
 Acq: 18 Oct 2021 17:12

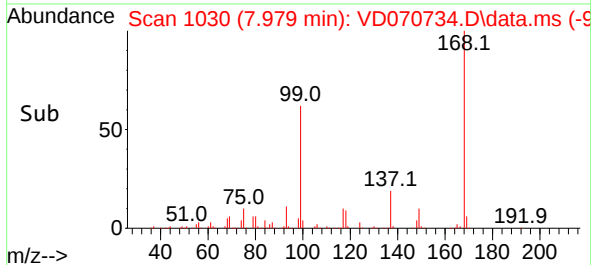
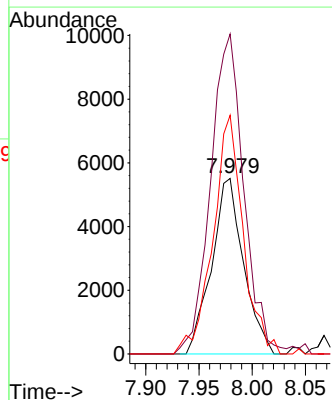
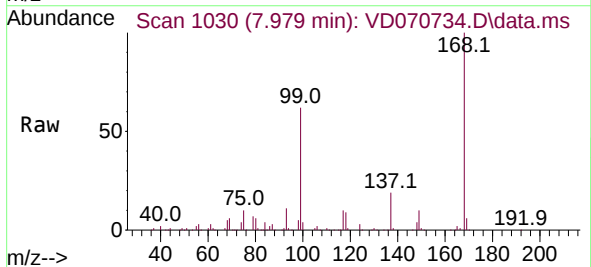
Instrument :
 MSVOA_D
 ClientSampled :
 WC-1-AS

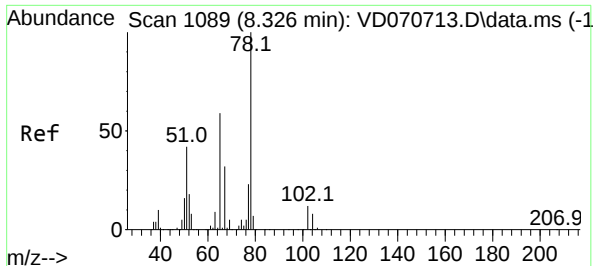
Tgt Ion: 43 Resp: 184
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.228 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD070734.D
 Acq: 18 Oct 2021 17:12

Tgt Ion: 56 Resp: 11464
 Ion Ratio Lower Upper
 56 100
 69 178.8 27.4 41.2#
 84 140.9 73.6 110.4#

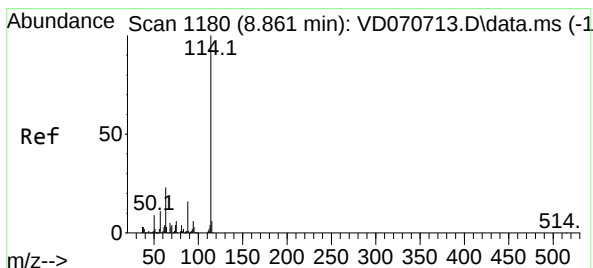
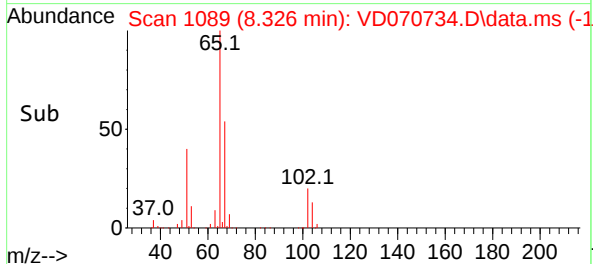
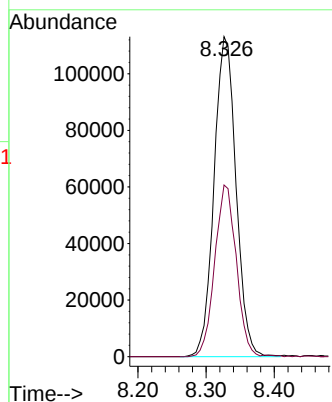
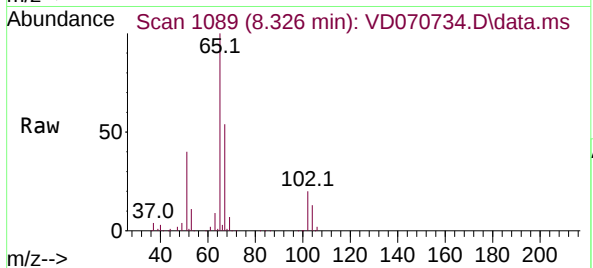




#33
1,2-Dichloroethane-d4
Concen: 55.052 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

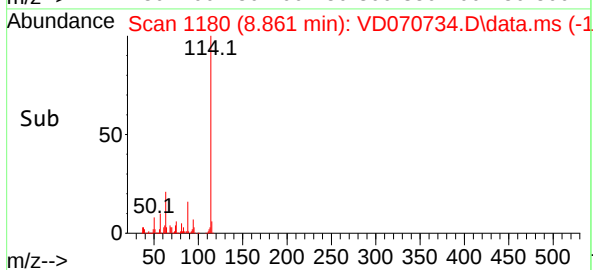
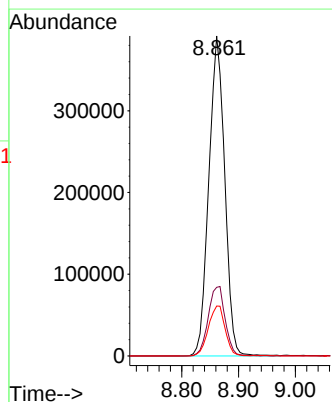
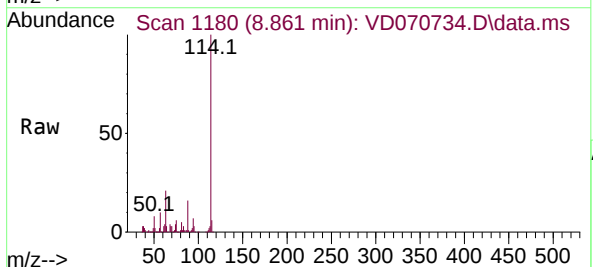
Instrument :
MSVOA_D
ClientSampleId :
WC-1-AS

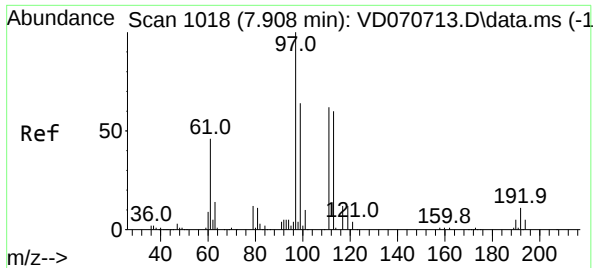
Tgt Ion: 65 Resp: 253977
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Tgt Ion: 114 Resp: 759180
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.8
88 15.6 0.0 32.6

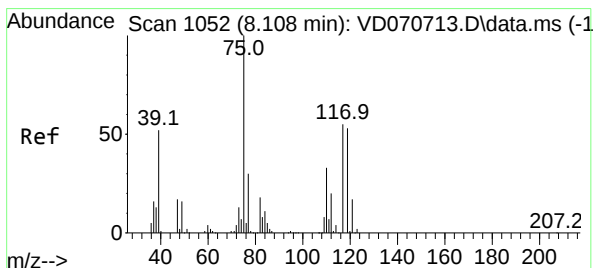
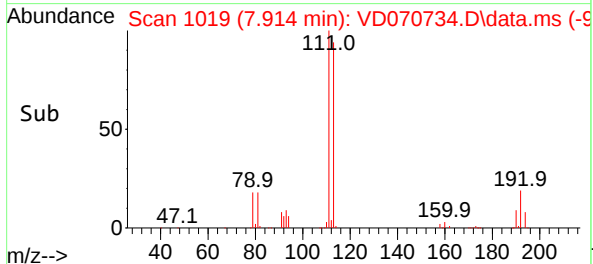
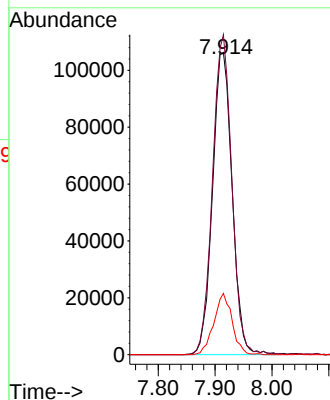
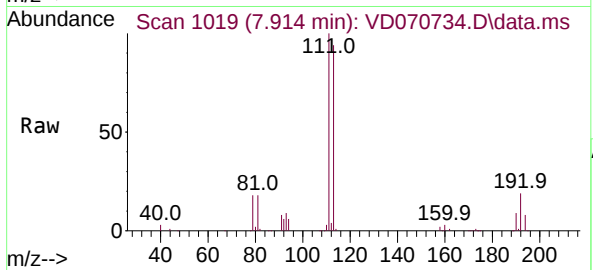




#35
Dibromofluoromethane
Concen: 52.461 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

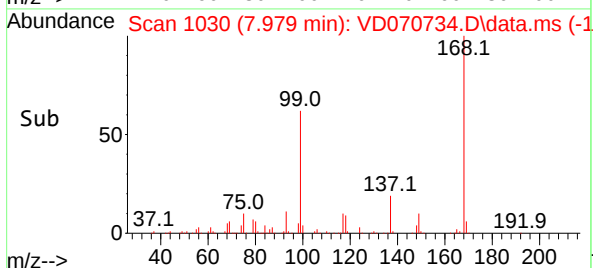
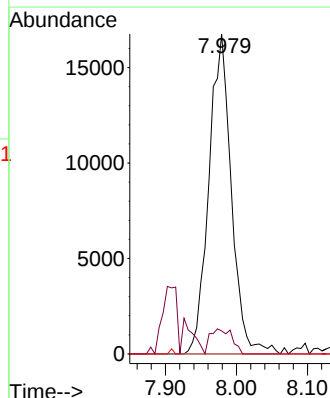
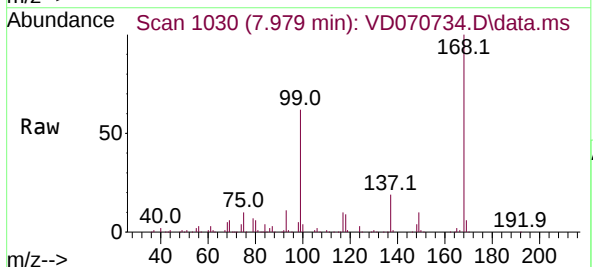
Instrument :
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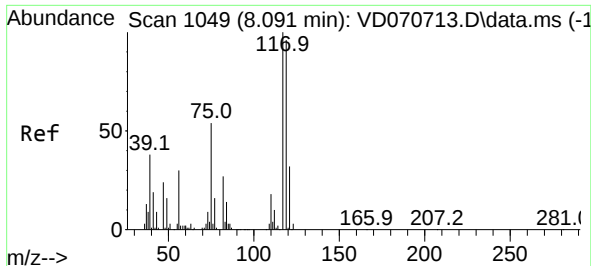
Tgt Ion:113 Resp: 255019
Ion Ratio Lower Upper
113 100
111 104.0 83.1 124.7
192 18.9 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

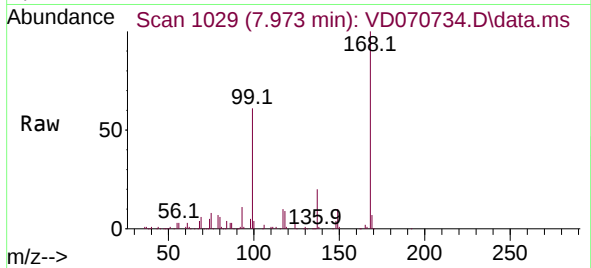
Tgt Ion: 75 Resp: 36901
Ion Ratio Lower Upper
75 100
110 7.5 17.2 51.6#
77 0.0 24.2 36.4#



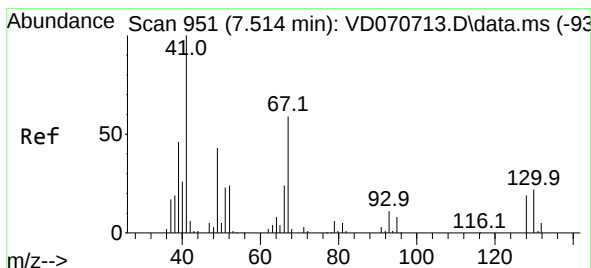
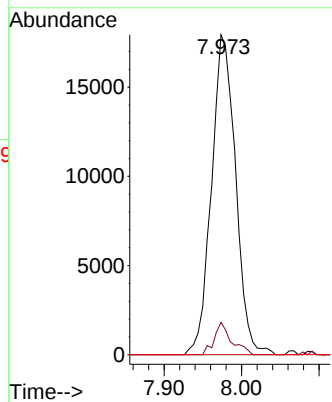
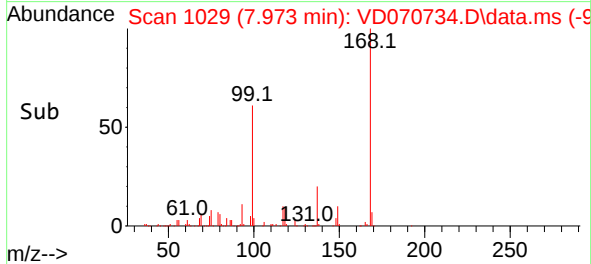


#38
Carbon Tetrachloride
Concen: 4.797 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

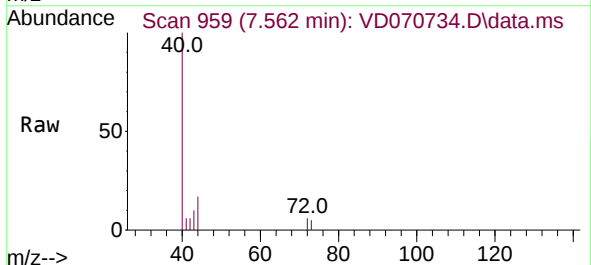
Instrument :
MSVOA_D
ClientSampleId :
WC-1-AS



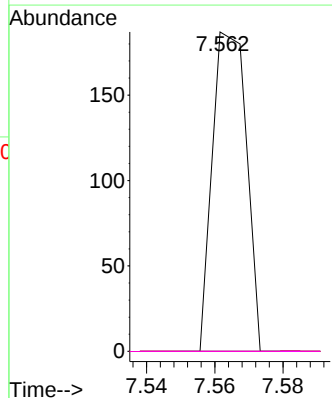
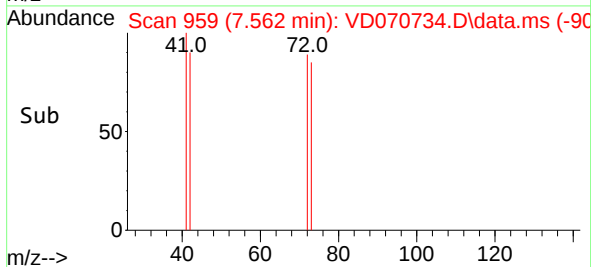
Tgt Ion:117 Resp: 38861
Ion Ratio Lower Upper
117 100
119 10.1 77.4 116.0#
121 0.0 25.4 38.0#

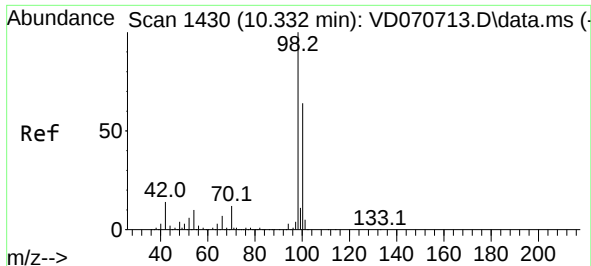


#41
Methacrylonitrile
Concen: 2.000 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.048 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12



Tgt Ion: 41 Resp: 130
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 75.8 113.6#
52 0.0 27.8 41.8#

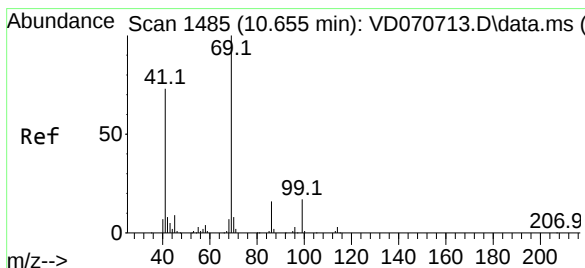
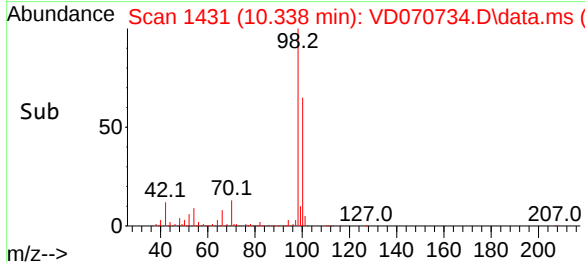
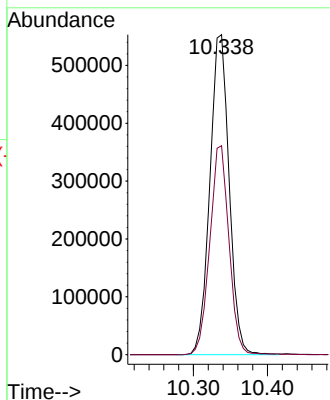
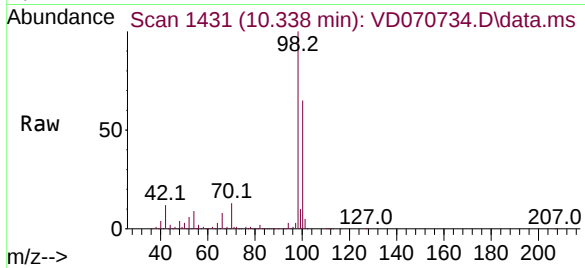




#50
Toluene-d8
Concen: 53.630 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

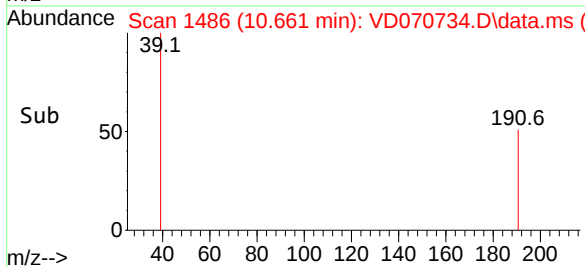
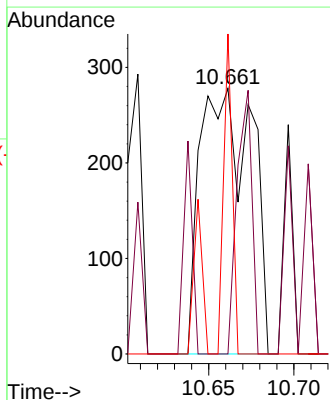
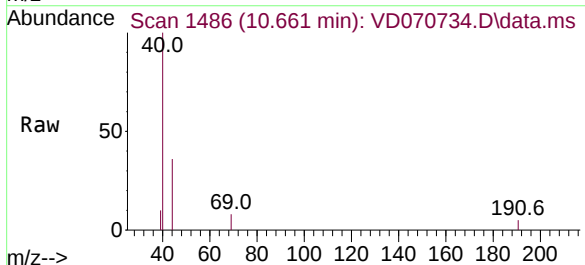
Instrument :
MSVOA_D
ClientSampled :
WC-1-AS

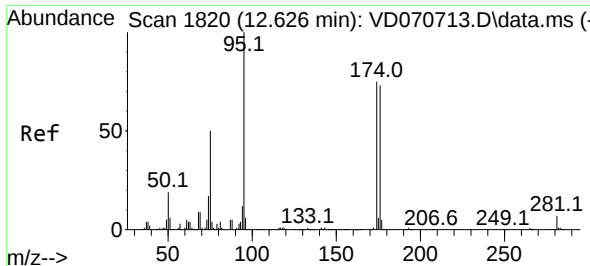
Tgt Ion: 98 Resp: 999359
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.249 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Tgt Ion: 69 Resp: 587
Ion Ratio Lower Upper
69 100
41 28.4 44.7 67.1#
39 20.1 19.5 29.3

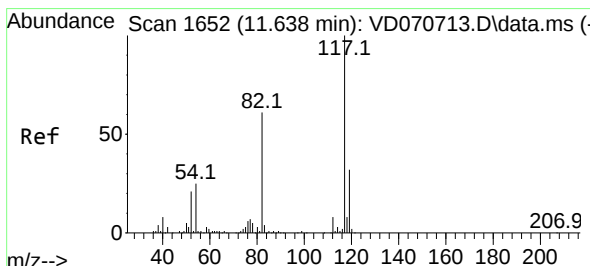
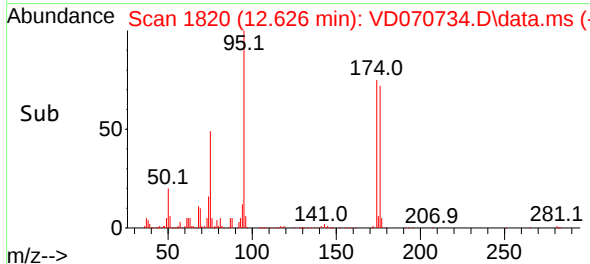
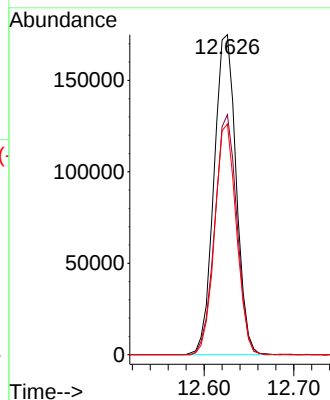
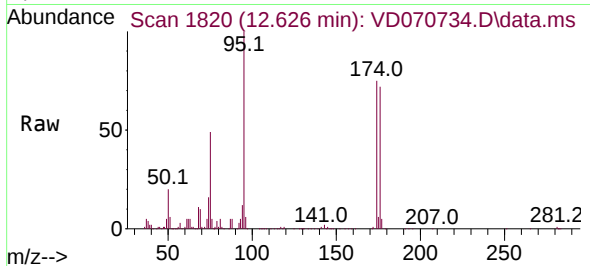




#62
4-Bromofluorobenzene
Concen: 46.754 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

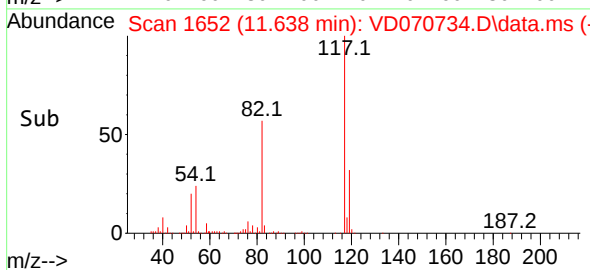
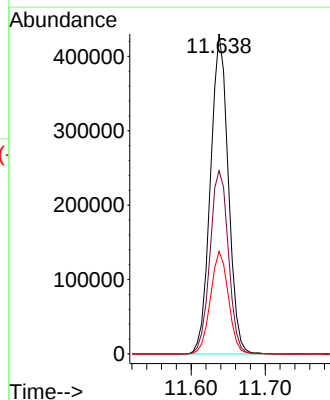
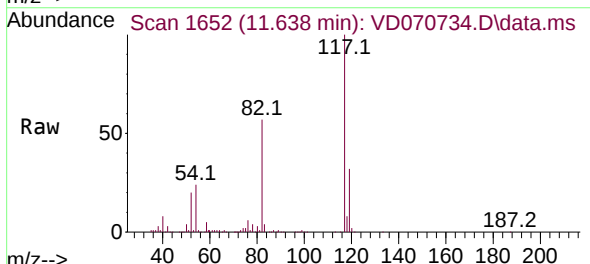
Instrument :
MSVOA_D
ClientSampleId :
WC-1-AS

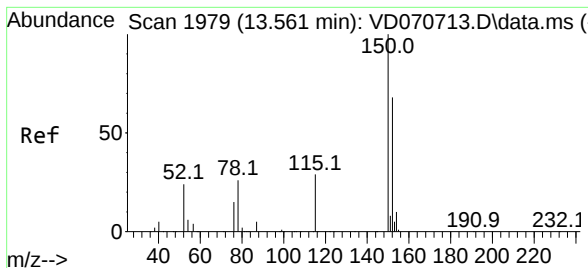
Tgt Ion:	95	Resp:	299987
Ion Ratio	Lower	Upper	
95	100		
174	74.6	0.0	138.0
176	70.5	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Tgt Ion:	117	Resp:	718232
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.4	68.2
119	32.1	24.7	37.1

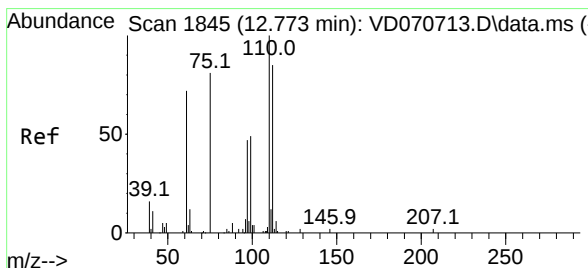
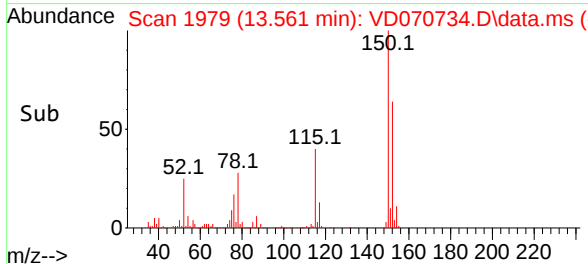
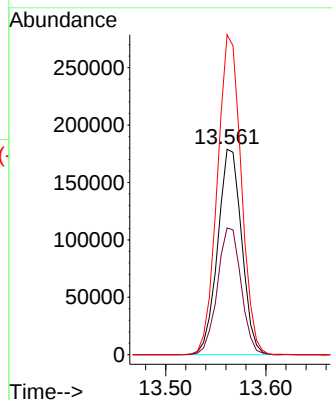
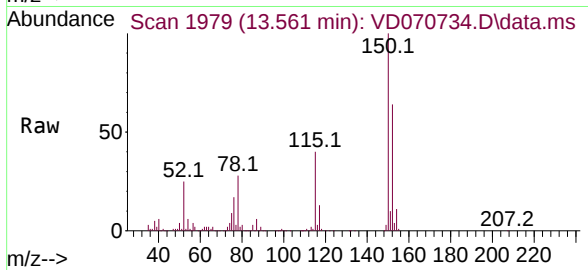




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

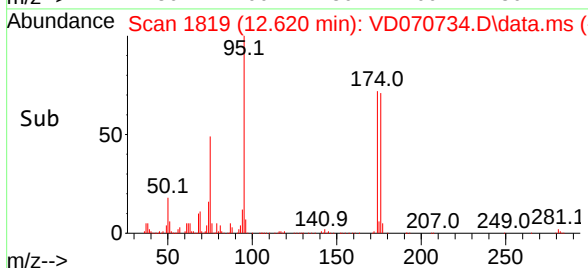
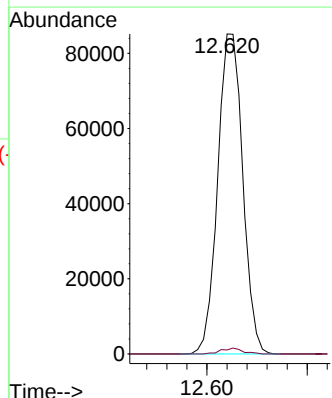
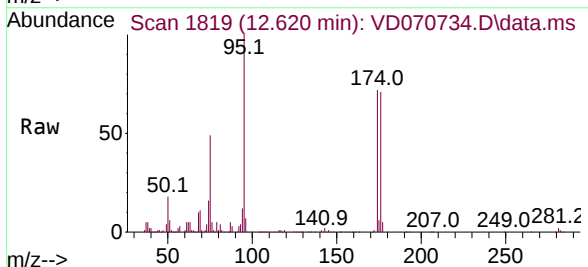
Instrument :
MSVOA_D
ClientSampleId :
WC-1-AS

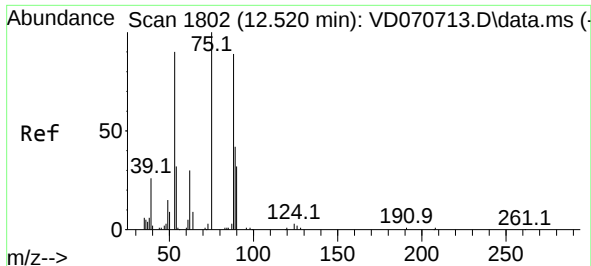
Tgt Ion:152 Resp: 296575
Ion Ratio Lower Upper
152 100
115 61.1 31.9 95.7
150 155.2 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 57.598 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Tgt Ion: 75 Resp: 147583
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

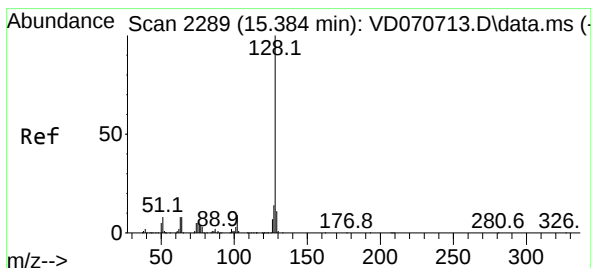
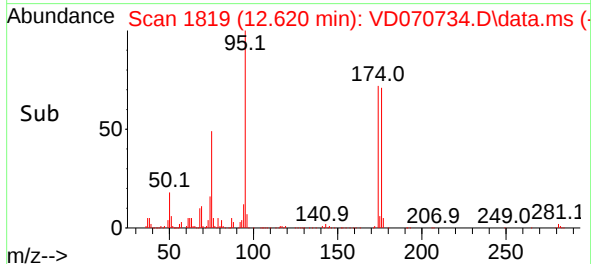
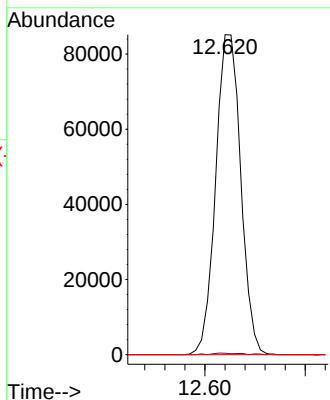
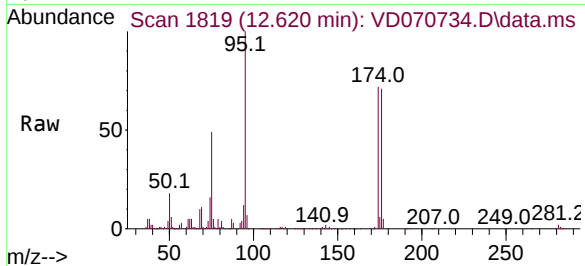




#81
trans-1,4-Dichloro-2-butene
Concen: 126.158 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Instrument :
MSVOA_D
ClientSampleId :
WC-1-AS

Tgt Ion: 75 Resp: 147583
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 4.835 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070734.D
Acq: 18 Oct 2021 17:12

Tgt Ion: 128 Resp: 451
Ion Ratio Lower Upper
128 100
127 25.9 10.9 16.3#
129 0.0 8.6 12.8#

