

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070731.D
 Acq On : 18 Oct 2021 15:47
 Operator : VA/SY
 Sample : M4259-01
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-CS

Quant Time: Oct 19 06:41:11 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)

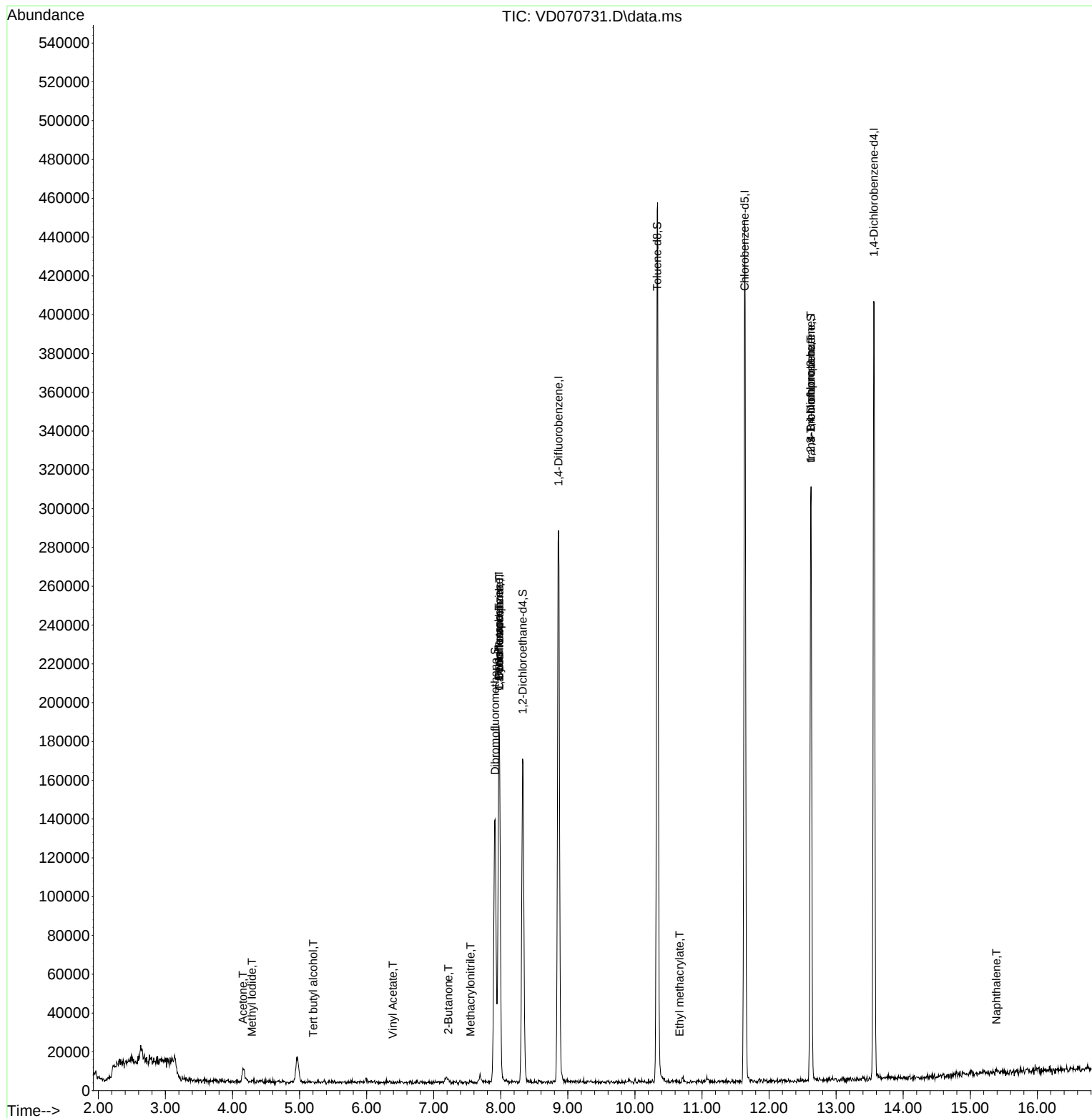
Internal Standards						
1) Pentafluorobenzene	7.973	168	128722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	237900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	249715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	132824	87.119	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 174.240%#			
35) Dibromofluoromethane	7.914	113	102097	67.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 134.040%			
50) Toluene-d8	10.332	98	308383	52.812	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.620%			
62) 4-Bromofluorobenzene	12.626	95	104038	51.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.480%			
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	636	3.690	ug/l #	60
11) Tert butyl alcohol	5.203	59	162	1.898	ug/l #	83
16) Acetone	4.156	43	12936	35.178	ug/l #	84
20) Methylene Chloride	4.961	84	9598	Below Cal	#	74
23) Vinyl Acetate	6.391	43	55	16.348	ug/l #	69
25) 2-Butanone	7.220	43	2106	4.636	ug/l #	43
31) Cyclohexane	7.973	56	3794	1.230	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	12401	4.679	ug/l #	46
38) Carbon Tetrachloride	7.979	117	13805	5.438	ug/l #	15
41) Methacrylonitrile	7.550	41	166	2.174	ug/l #	30
56) Ethyl methacrylate	10.667	69	54	4.183	ug/l #	32
76) 1,2,3-Trichloropropane	12.620	75	52834	57.401	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	52834	125.726	ug/l #	17
95) Naphthalene	15.390	128	486	4.920	ug/l #	69

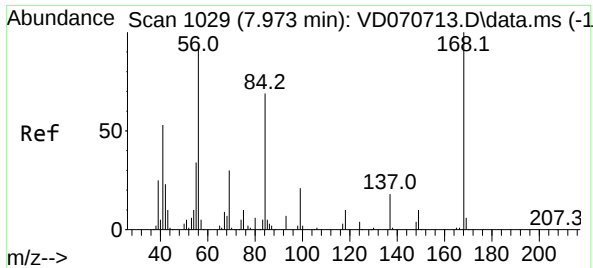
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

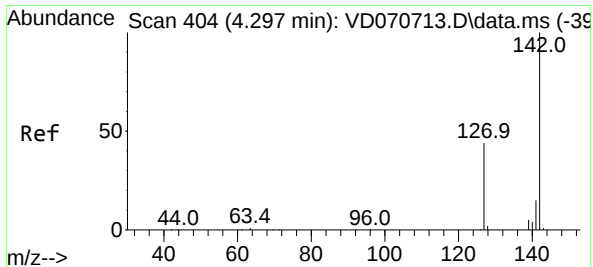
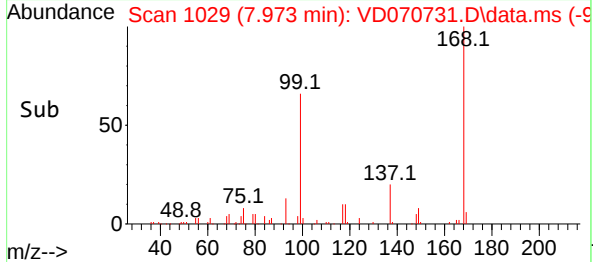
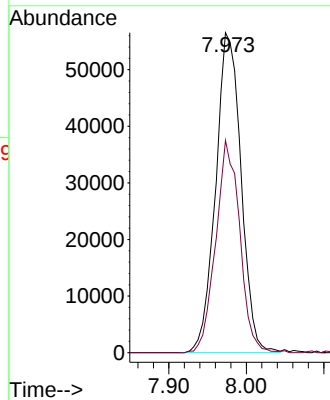
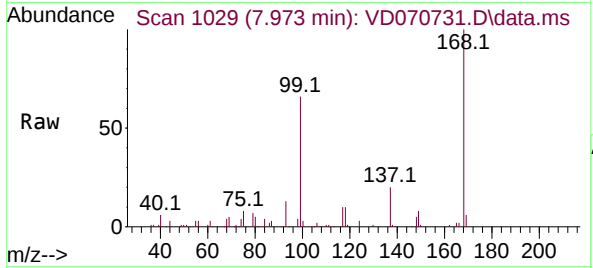




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

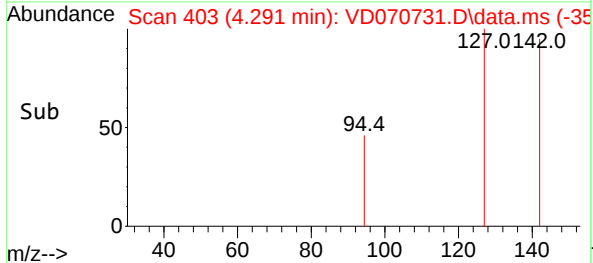
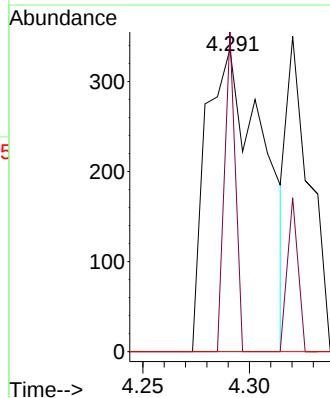
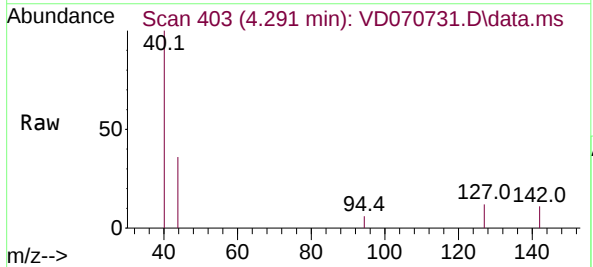
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

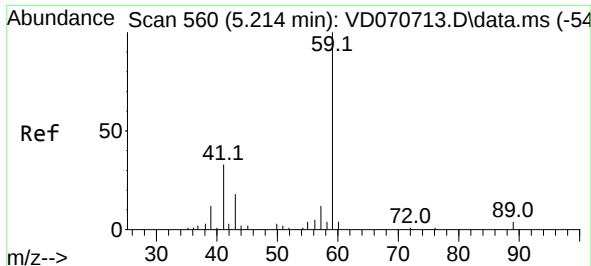
Tgt Ion:168 Resp: 128722
Ion Ratio Lower Upper
168 100
99 66.4 51.4 77.0



#10
Methyl Iodide
Concen: 3.690 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion:142 Resp: 636
Ion Ratio Lower Upper
142 100
127 19.7 37.5 56.3#
141 0.0 12.1 18.1#

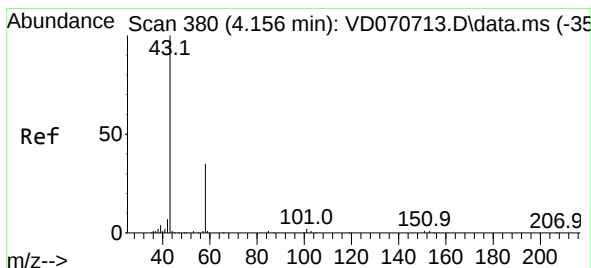
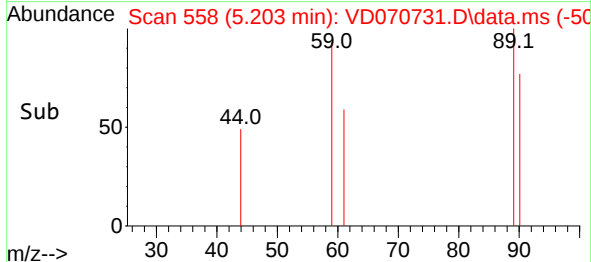
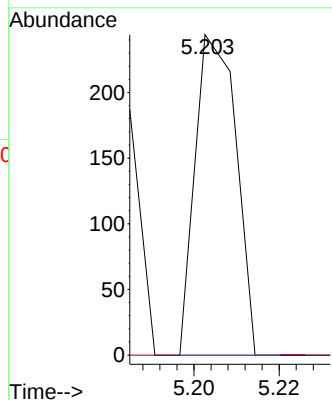
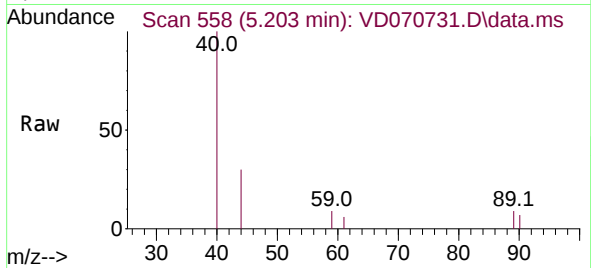




#11
Tert butyl alcohol
Concen: 1.898 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.012 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

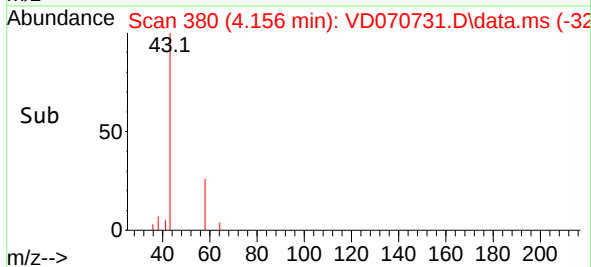
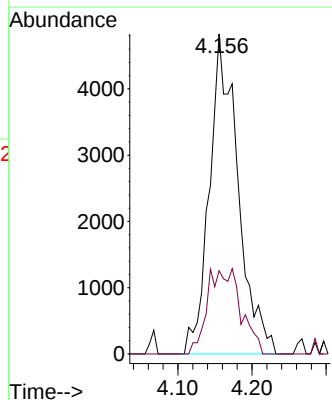
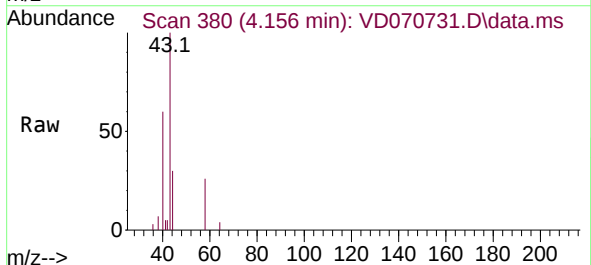
Instrument :
MSVOA_D
ClientSampled :
WC-1-CS

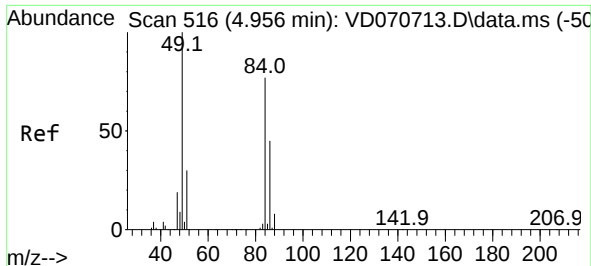
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#16
Acetone
Concen: 35.178 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

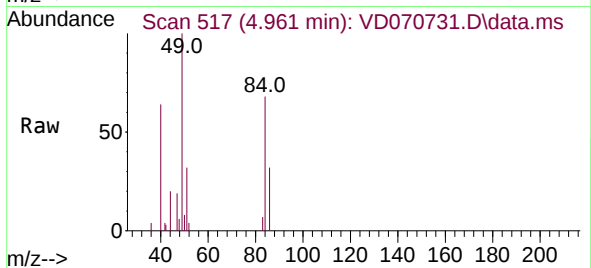
Tgt Ion: 43 Resp: 12936
Ion Ratio Lower Upper
43 100
58 26.0 28.2 42.2#



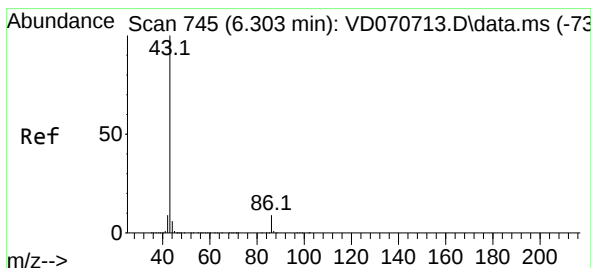
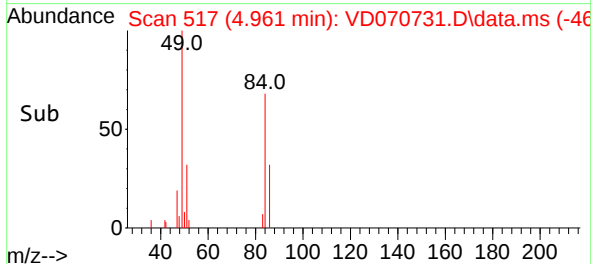
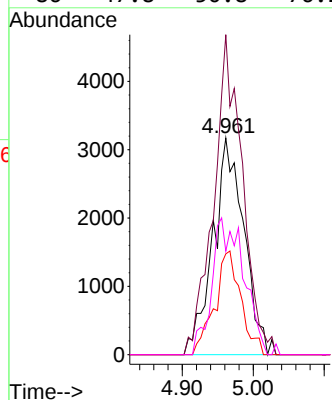


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

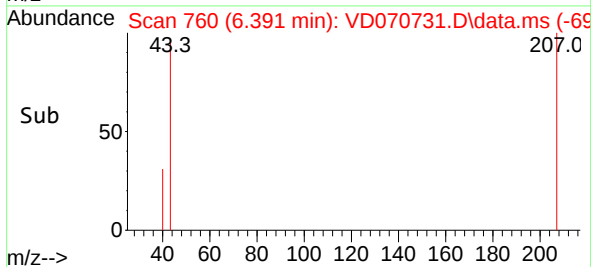
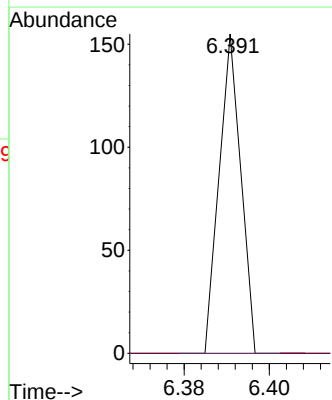
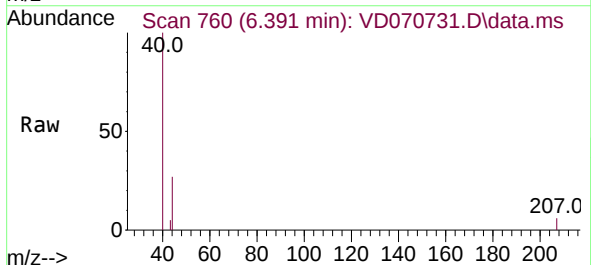


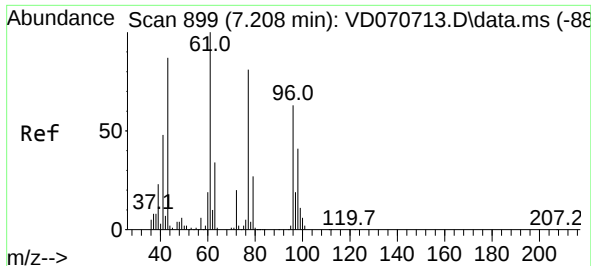
Tgt Ion:	84	Resp:	9598
Ion	Ratio	Lower	Upper
84	100		
49	147.7	91.4	137.2#
51	46.5	26.7	40.1#
86	47.8	50.8	76.2#



#23
Vinyl Acetate
Concen: 16.348 ug/l
RT: 6.391 min Scan# 760
Delta R.T. 0.088 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion:	43	Resp:	55
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.8	14.6#

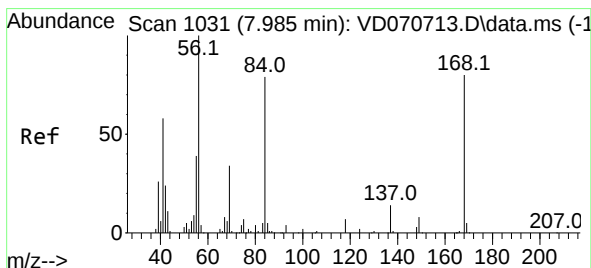
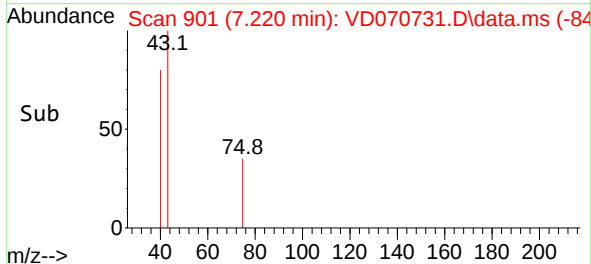
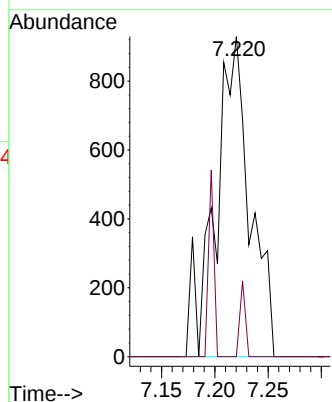
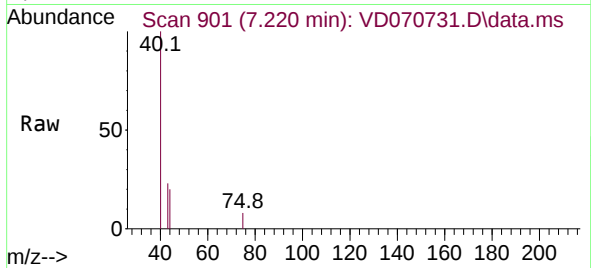




#25
2-Butanone
Concen: 4.636 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

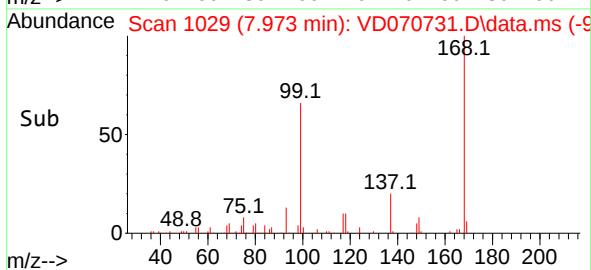
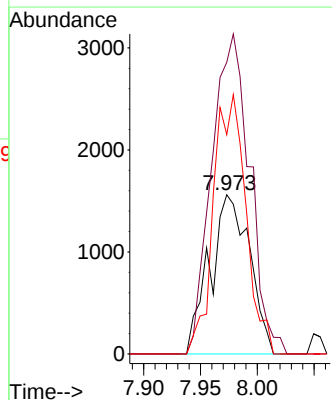
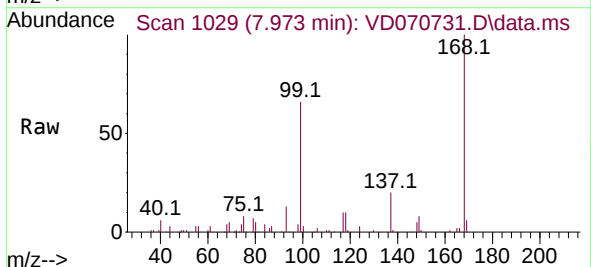
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

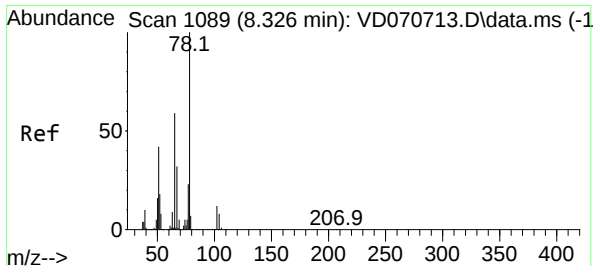
Tgt Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
72 0.0 25.2 37.8#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion: 56 Resp: 3794
Ion Ratio Lower Upper
56 100
69 183.2 27.4 41.2#
84 137.7 73.6 110.4#

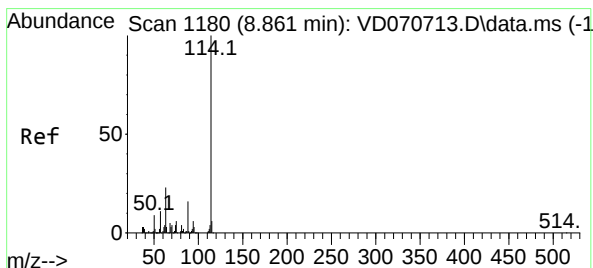
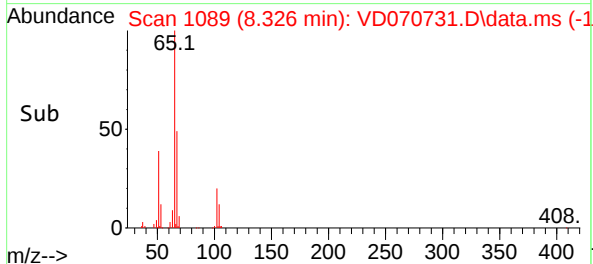
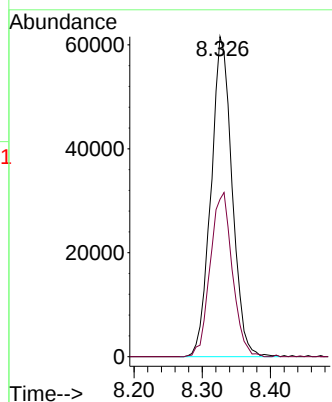
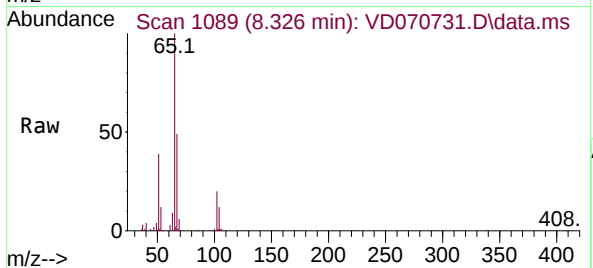




#33
1,2-Dichloroethane-d4
Concen: 87.119 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

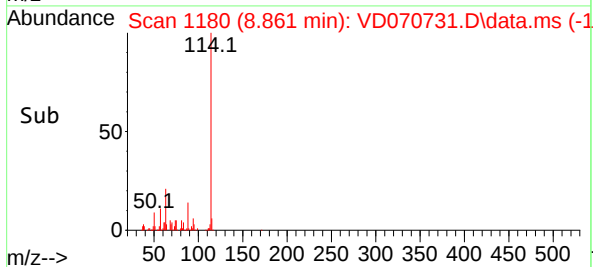
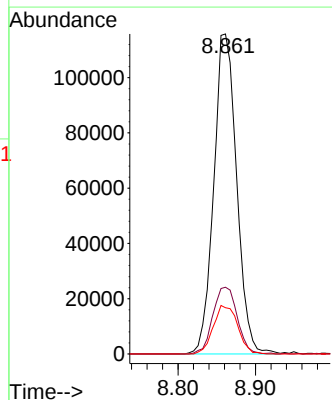
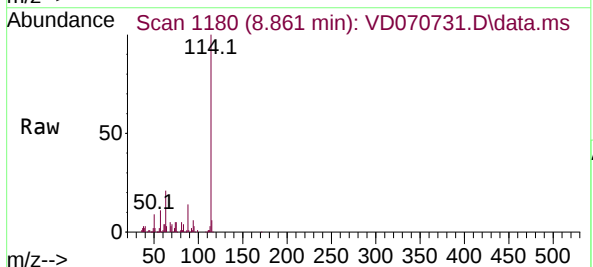
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

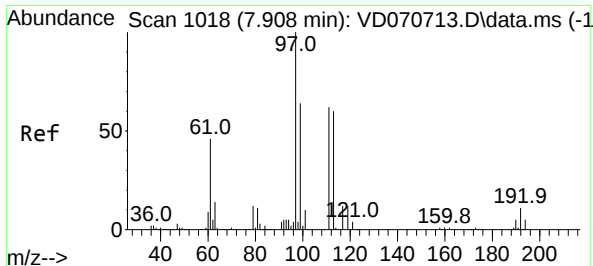
Tgt Ion: 65 Resp: 132824
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion: 114 Resp: 237900
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.8
88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 67.024 ug/l

RT: 7.914 min Scan# 1019

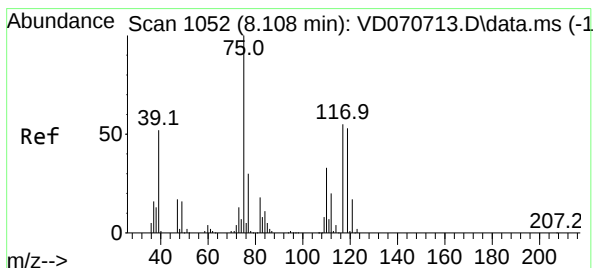
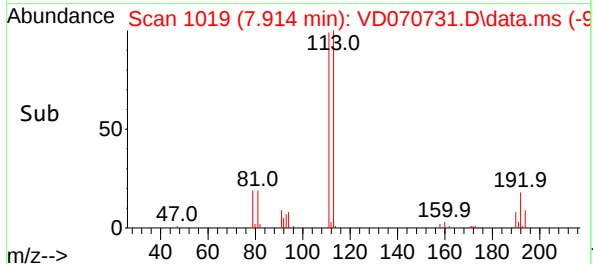
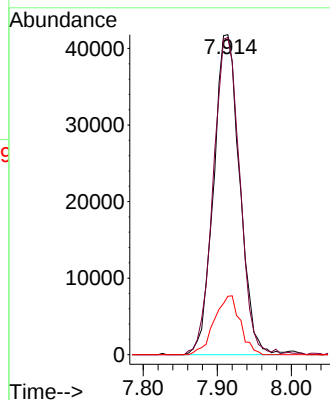
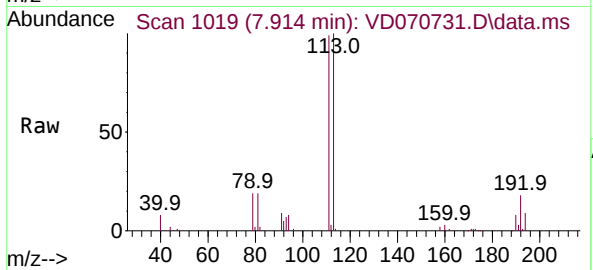
Delta R.T. 0.006 min

Lab File: VD070731.D

Acq: 18 Oct 2021 15:47

Tgt Ion:	113	Resp:	102097
Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.1	124.7
192	18.4	12.7	19.1

Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS



#36

1,1-Dichloropropene

Concen: 4.679 ug/l

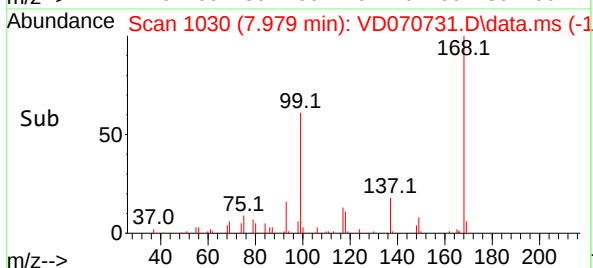
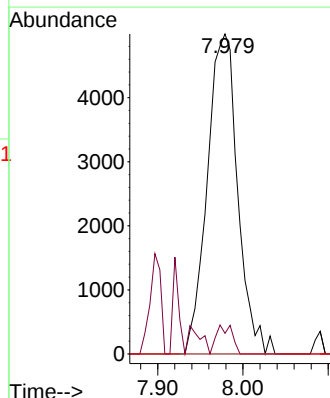
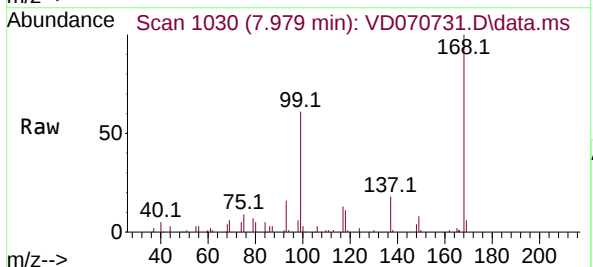
RT: 7.979 min Scan# 1030

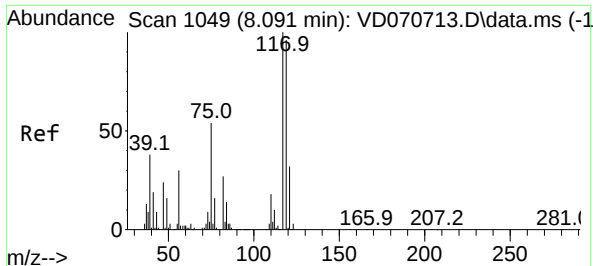
Delta R.T. -0.129 min

Lab File: VD070731.D

Acq: 18 Oct 2021 15:47

Tgt Ion:	75	Resp:	12401
Ion	Ratio	Lower	Upper
75	100		
110	4.7	17.2	51.6#
77	0.0	24.2	36.4#



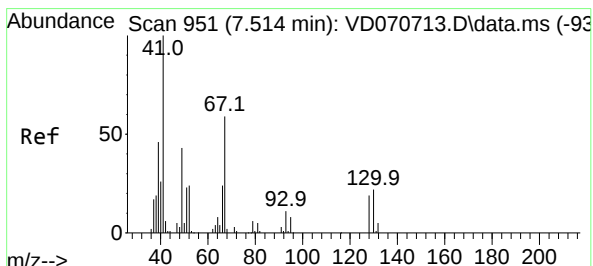
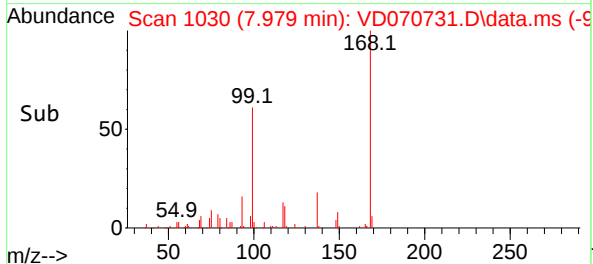
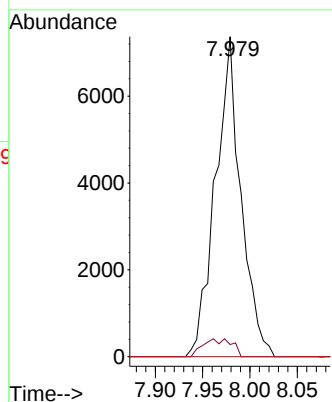
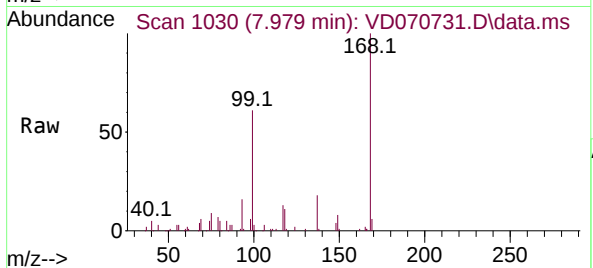


#38

Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

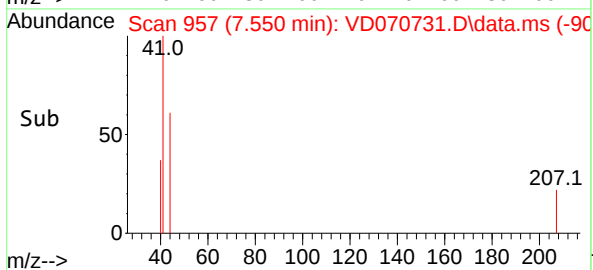
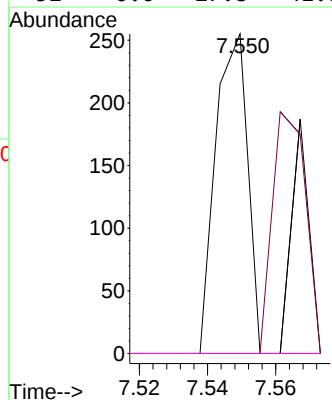
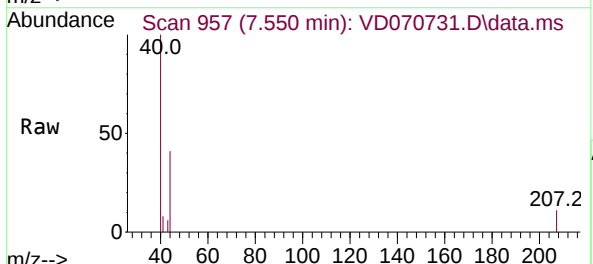
Tgt Ion:117 Resp: 13805
Ion Ratio Lower Upper
117 100
119 3.8 77.4 116.0#
121 0.0 25.4 38.0#

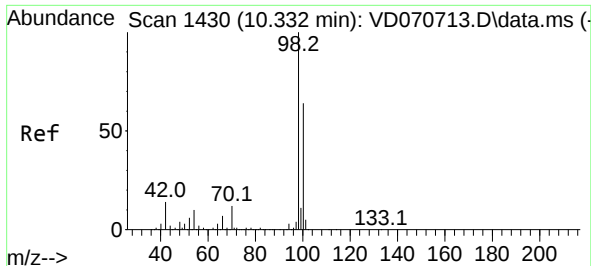


#41

Methacrylonitrile
Concen: 2.174 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.036 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion: 41 Resp: 166
Ion Ratio Lower Upper
41 100
39 78.3 45.2 67.8#
67 0.0 75.8 113.6#
52 0.0 27.8 41.8#

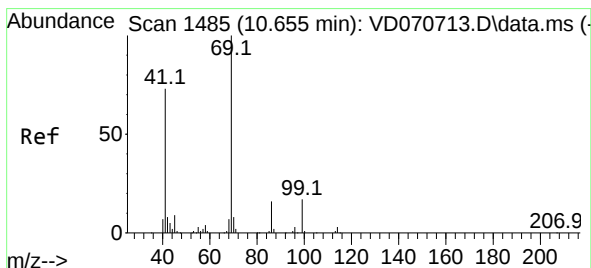
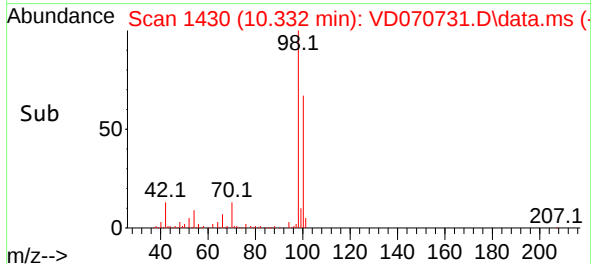
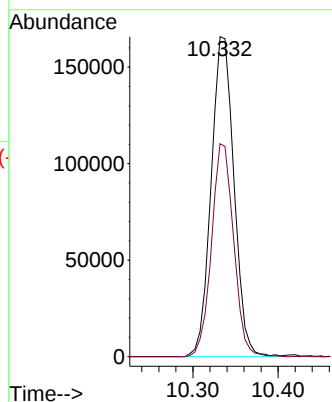
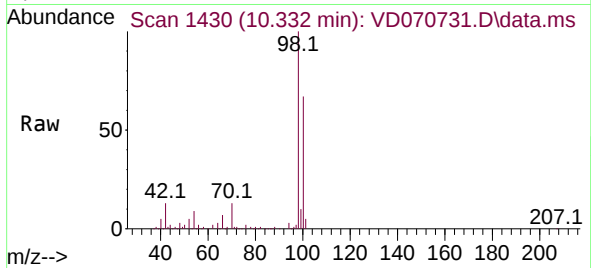




#50
Toluene-d8
Concen: 52.812 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

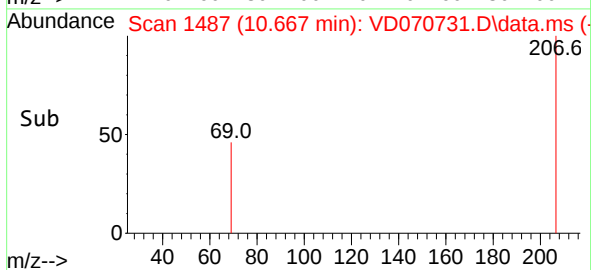
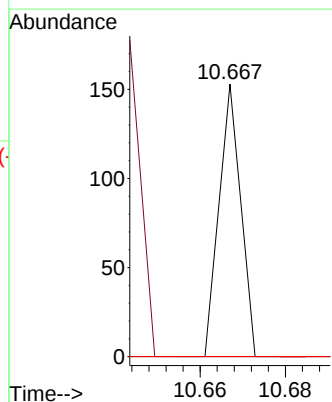
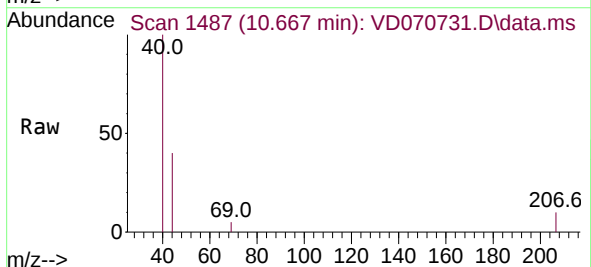
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

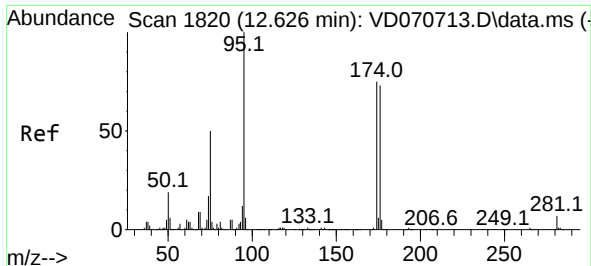
Tgt Ion: 98 Resp: 308383
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.183 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.012 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion: 69 Resp: 54
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#

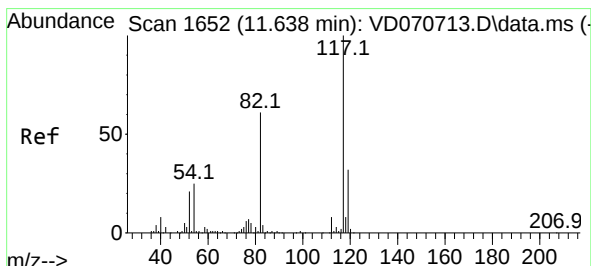
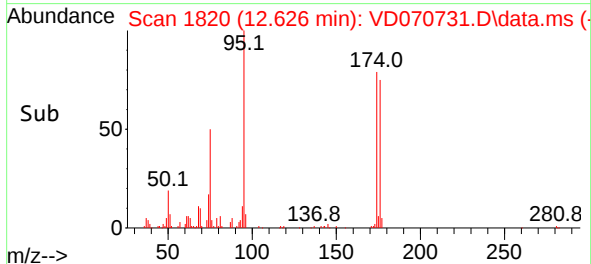
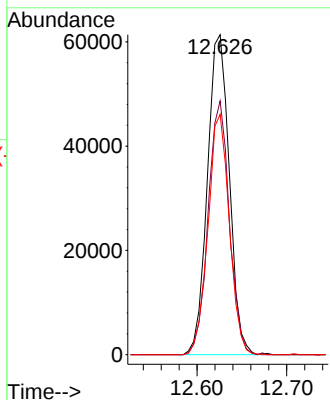
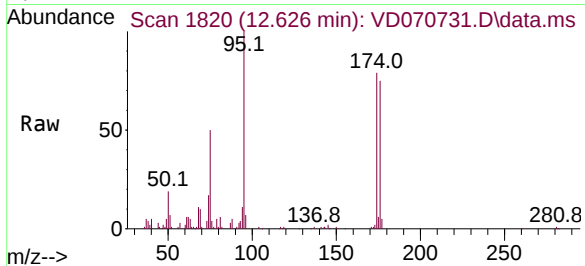




#62
4-Bromofluorobenzene
Concen: 51.744 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

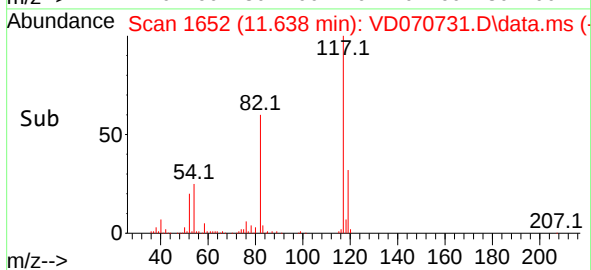
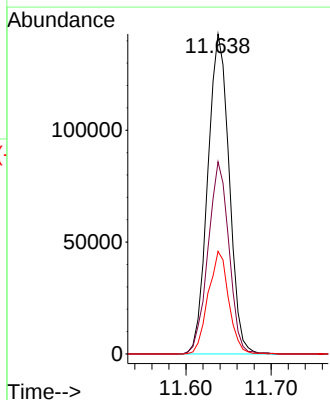
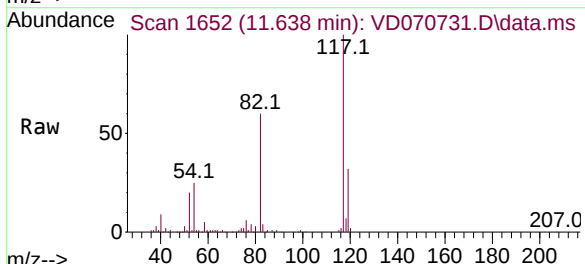
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

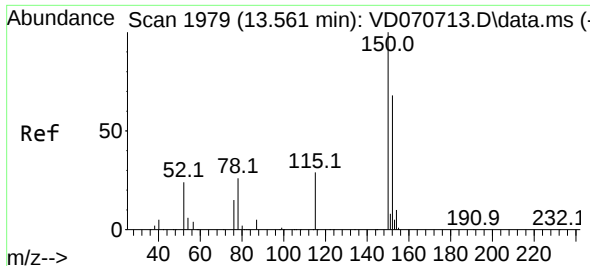
Tgt Ion:	95	Resp:	104038
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	138.0
176	72.9	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion:	117	Resp:	249715
Ion	Ratio	Lower	Upper
117	100		
82	60.0	45.4	68.2
119	32.1	24.7	37.1

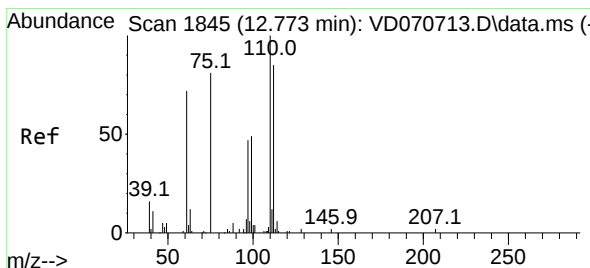
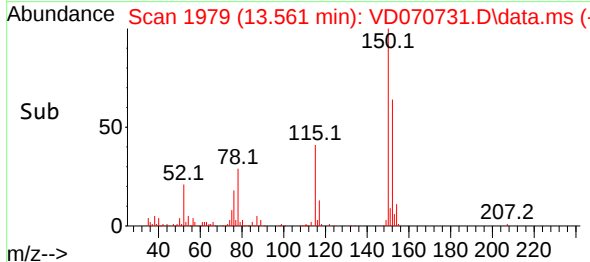
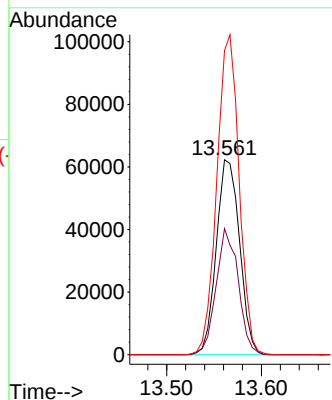
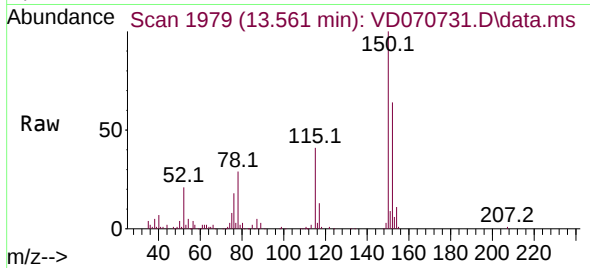




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

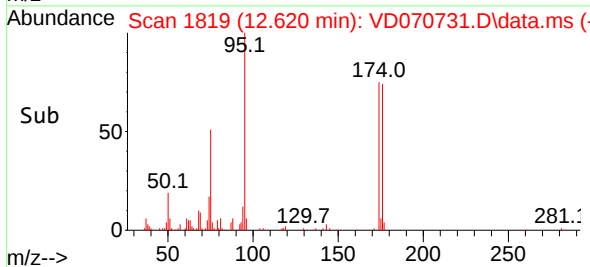
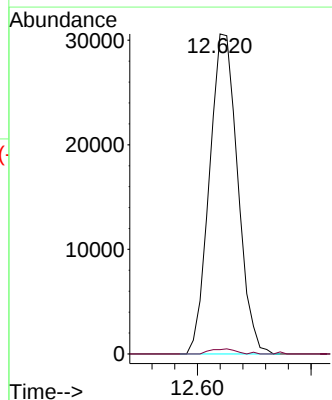
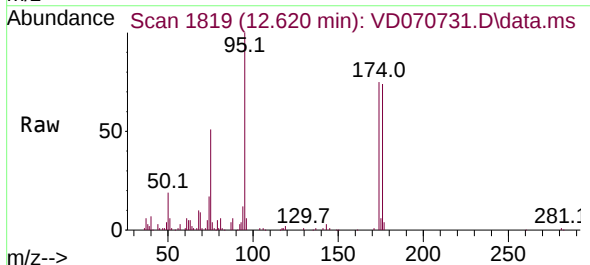
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

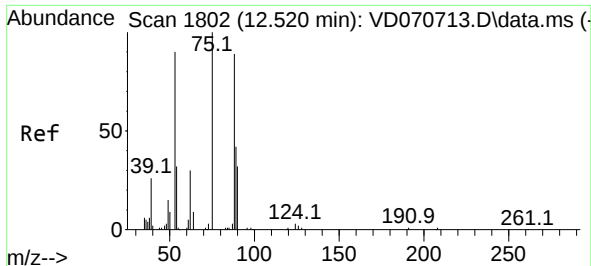
Tgt Ion:152 Resp: 106537
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.7
150 157.0 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 57.401 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion: 75 Resp: 52834
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

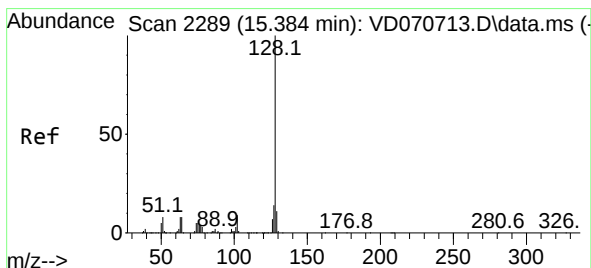
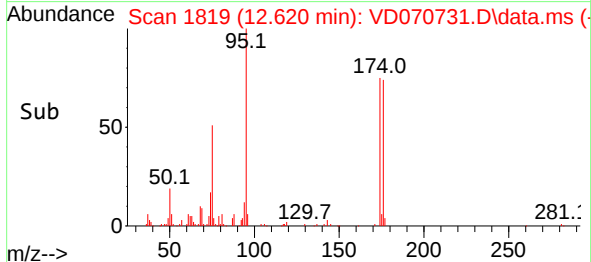
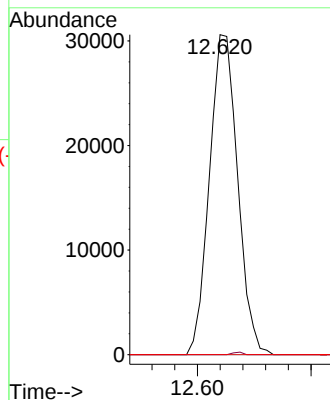
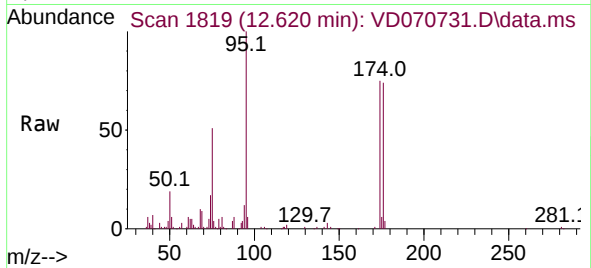




#81
trans-1,4-Dichloro-2-butene
Concen: 125.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
WC-1-CS

Tgt Ion: 75	Resp: 52834
Ion Ratio	Lower Upper
75 100	
53 0.3	64.5 96.7#
89 0.0	35.3 52.9#



#95
Naphthalene
Concen: 4.920 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070731.D
Acq: 18 Oct 2021 15:47

Tgt Ion: 128	Resp: 486
Ion Ratio	Lower Upper
128 100	
127 0.0	10.9 16.3#
129 0.0	8.6 12.8#

