

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073565.D
 Acq On : 14 Jun 2022 13:07
 Operator : VA/SY
 Sample : N3327-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW-WMR-COMP-1

Quant Time: Jun 15 01:36:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

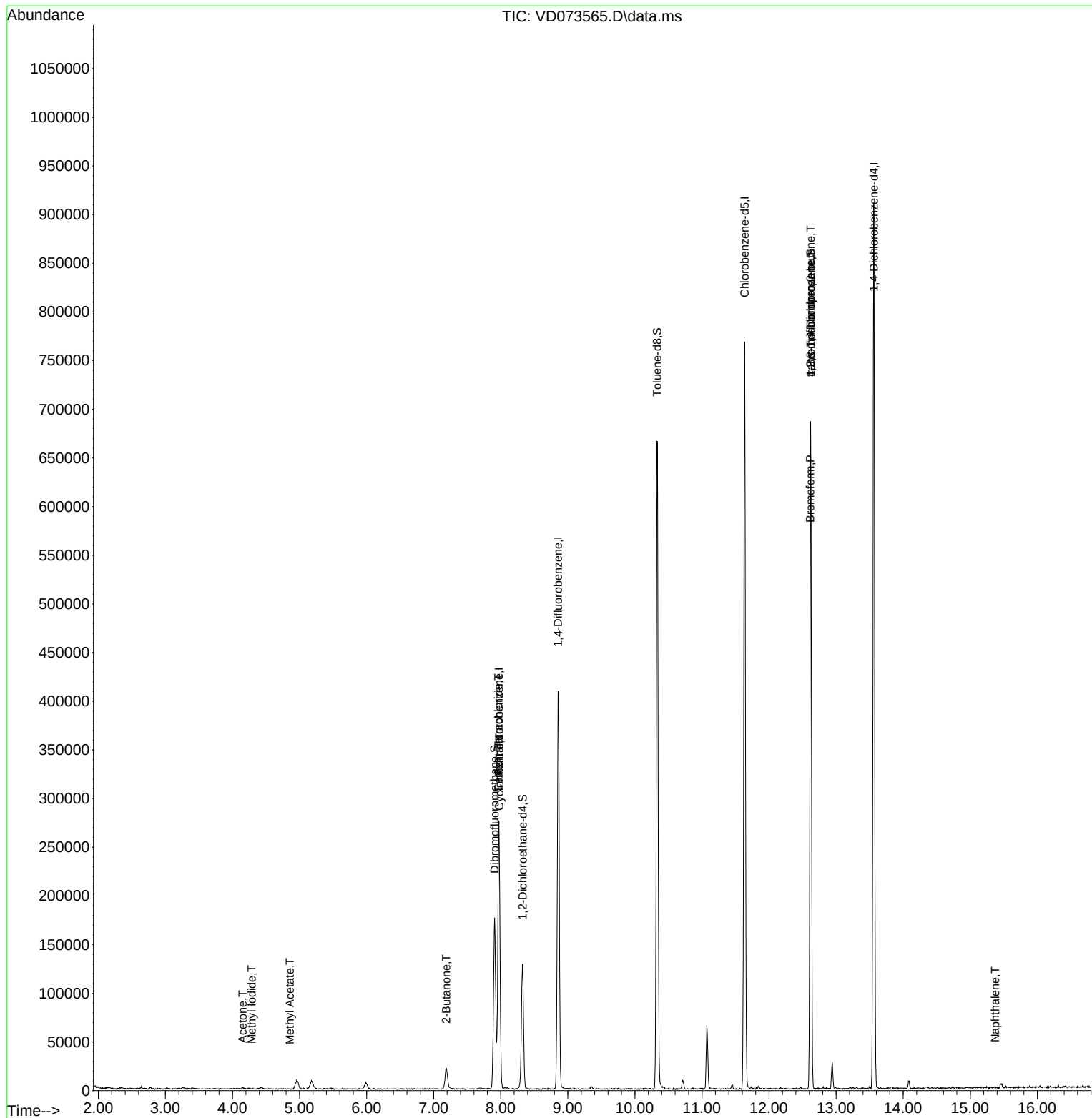
Internal Standards						
1) Pentafluorobenzene	7.973	168	199025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	356575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	451511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	103275	48.354	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.700%		
35) Dibromofluoromethane	7.908	113	120950	52.749	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.500%		
50) Toluene-d8	10.332	98	457214	52.740	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.480%		
62) 4-Bromofluorobenzene	12.620	95	213353	67.792	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	135.580%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	692	4.431	ug/l #	73
11) Tert butyl alcohol	5.179	59	7855	Below Cal	#	74
16) Acetone	4.150	43	1145	3.045	ug/l #	75
18) Methyl Acetate	4.856	43	53	1.418	ug/l #	55
20) Methylene Chloride	4.961	84	7327	Below Cal	#	70
25) 2-Butanone	7.185	43	951	1.719	ug/l #	52
31) Cyclohexane	7.979	56	4958	1.378	ug/l #	11
38) Carbon Tetrachloride	7.967	117	21256	5.900	ug/l #	18
71) Bromoform	12.614	173	2068	1.073	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	109607	47.037	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	109607	110.403	ug/l #	7
95) Naphthalene	15.373	128	187	4.223	ug/l #	70

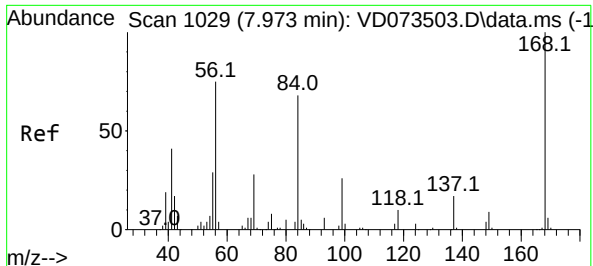
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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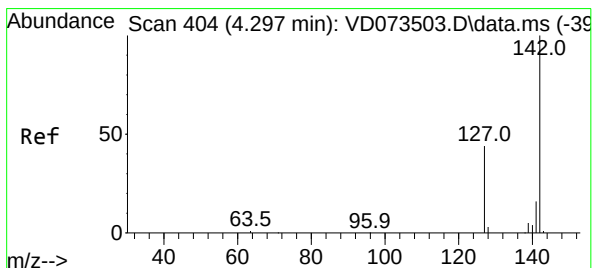
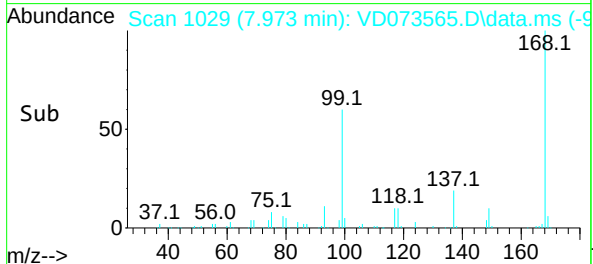
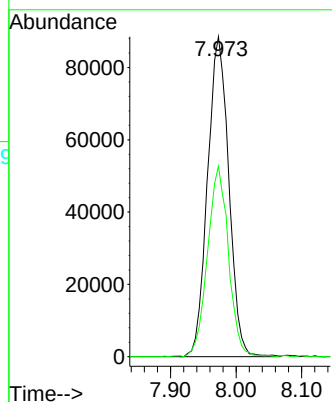
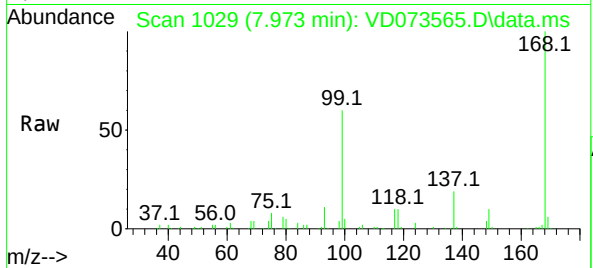




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

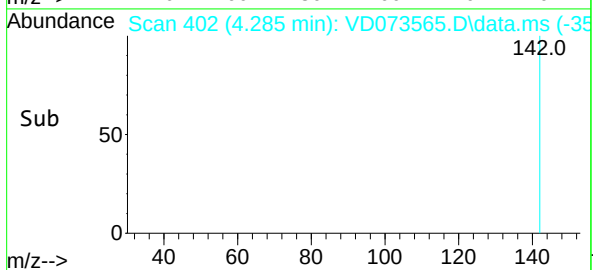
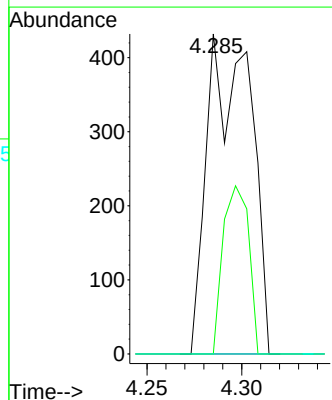
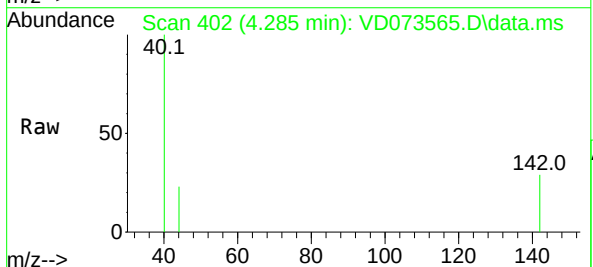
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

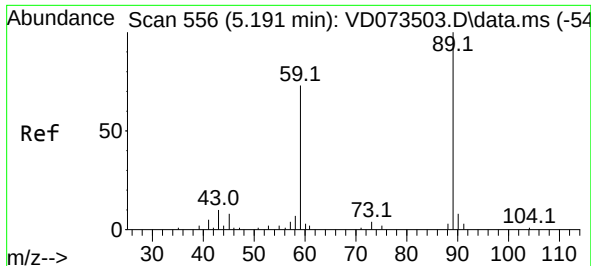
Tgt Ion:168 Resp: 199025
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#10
Methyl Iodide
Concen: 4.431 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

Tgt Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
127 30.8 37.3 55.9#
141 0.0 11.7 17.5#

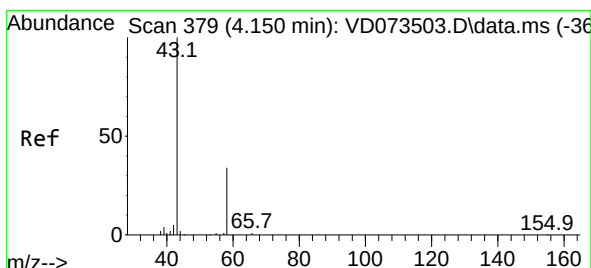
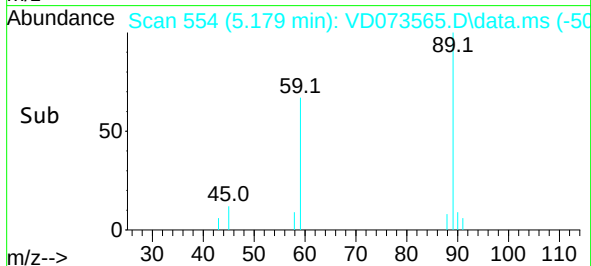
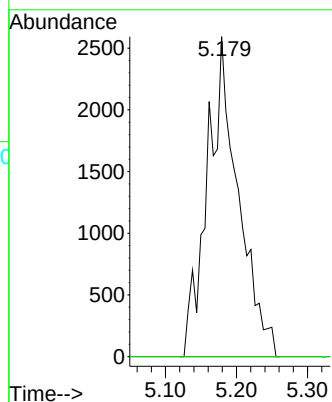
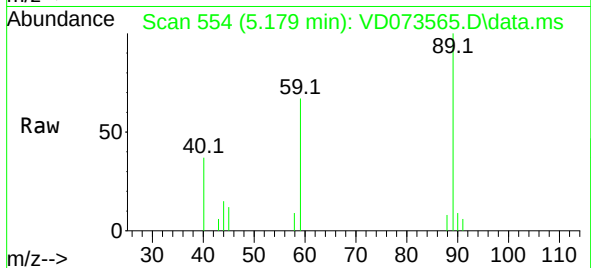




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

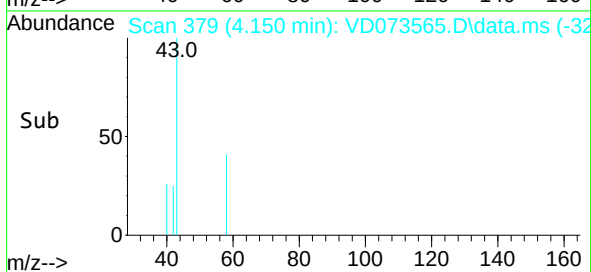
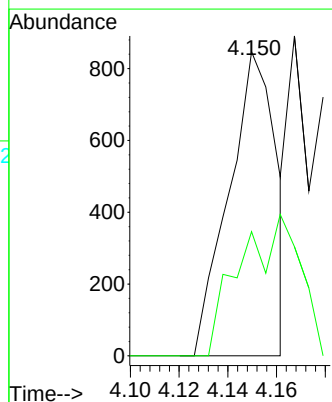
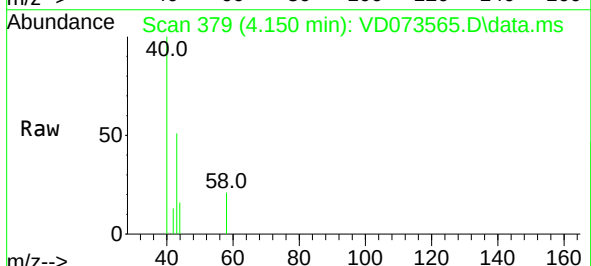
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

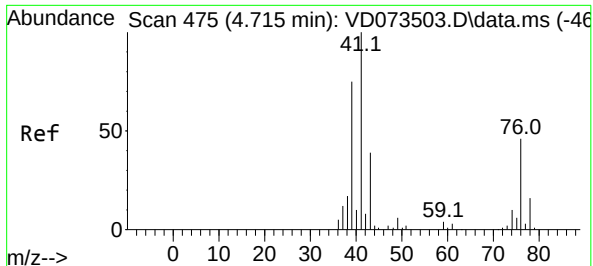
Tgt Ion: 59 Resp: 7855
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.045 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 40.9 22.1 33.1#





#18

Methyl Acetate

Concen: 1.418 ug/l

RT: 4.856 min Scan# 499

Delta R.T. 0.141 min

Lab File: VD073565.D

Acq: 14 Jun 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

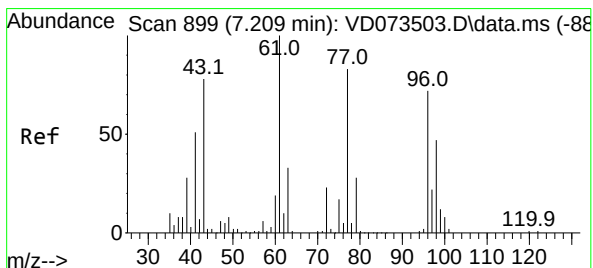
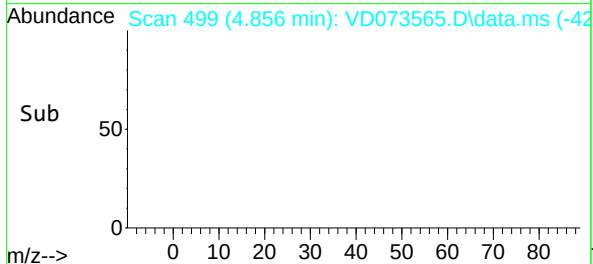
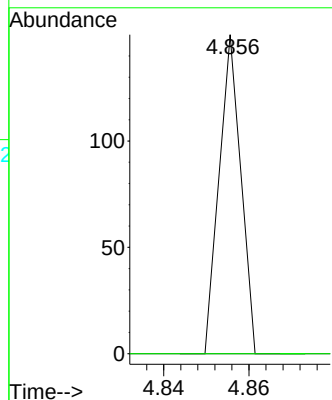
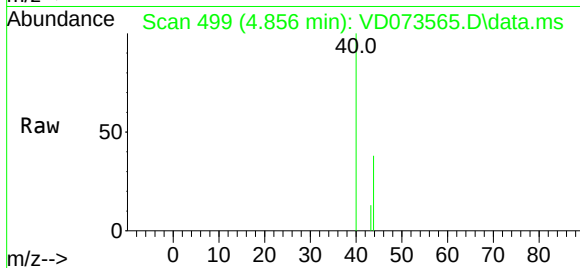
EW-WMR-COMP-1

Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#25

2-Butanone

Concen: 1.719 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.024 min

Lab File: VD073565.D

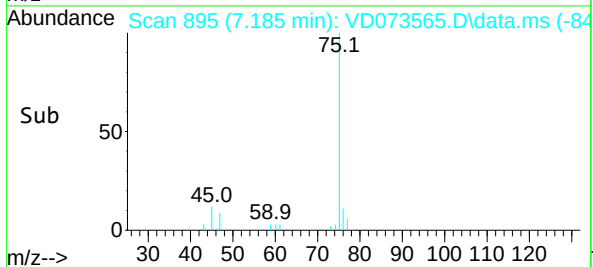
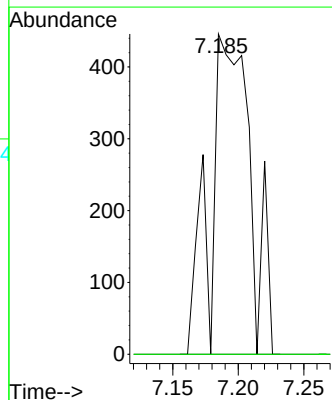
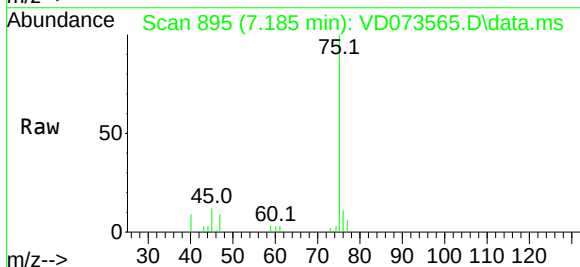
Acq: 14 Jun 2022 13:07

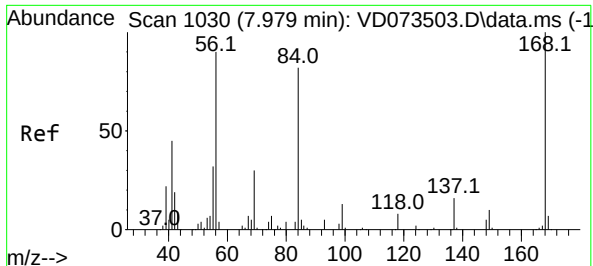
Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

43 100

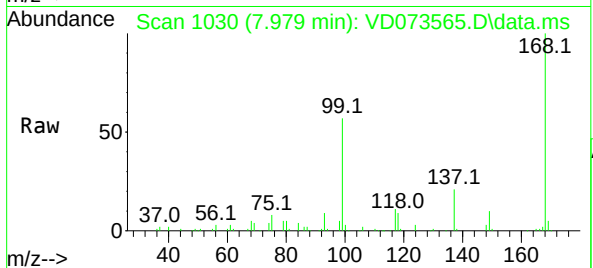
72 0.0 18.6 27.8#



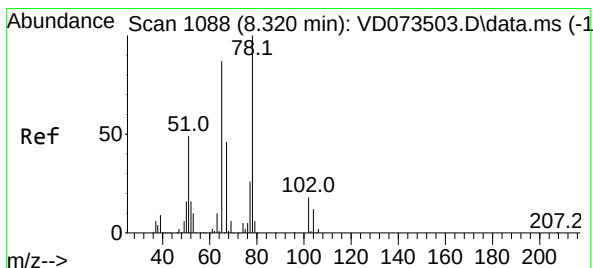
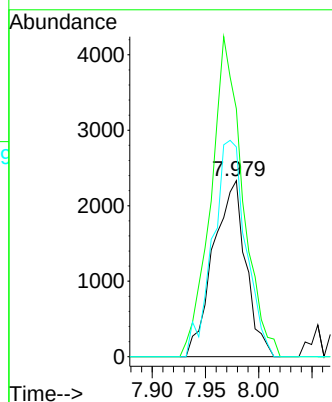
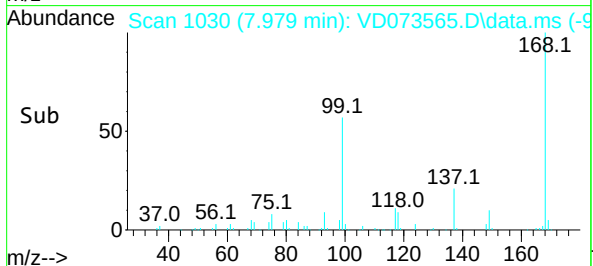


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

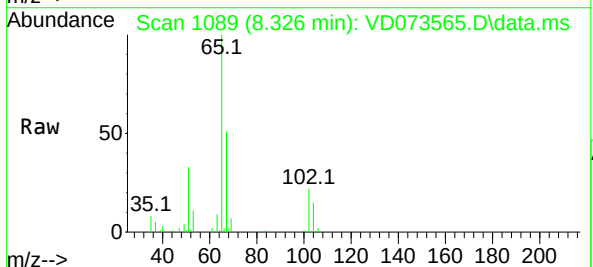
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1



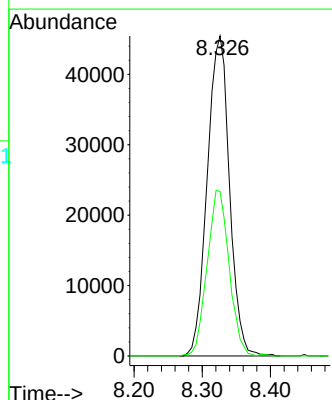
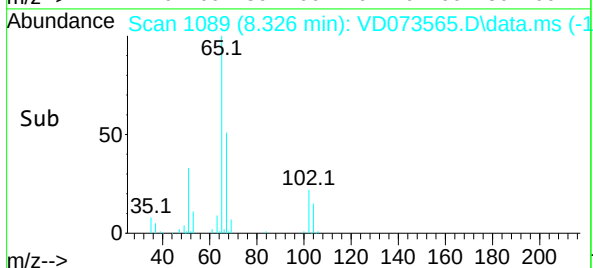
Tgt Ion: 56 Resp: 4958
Ion Ratio Lower Upper
56 100
69 140.8 25.4 38.2#
84 119.2 63.0 94.4#

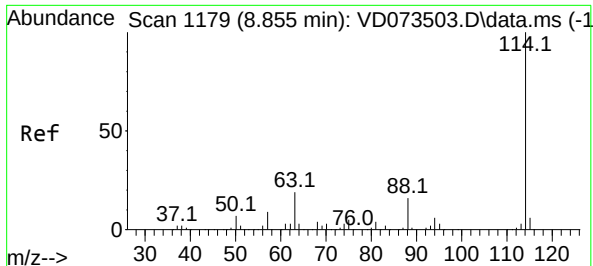


#33
1,2-Dichloroethane-d4
Concen: 48.354 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07



Tgt Ion: 65 Resp: 103275
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073565.D

Acq: 14 Jun 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-1

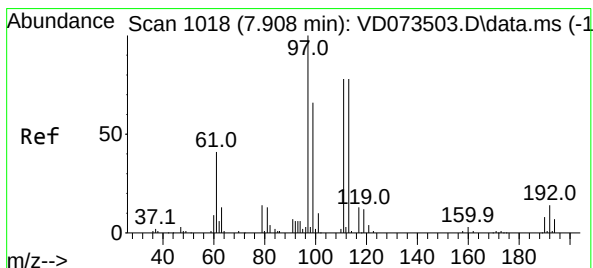
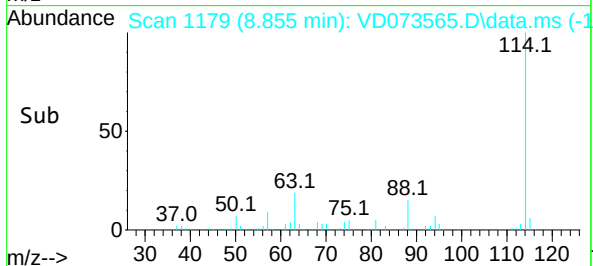
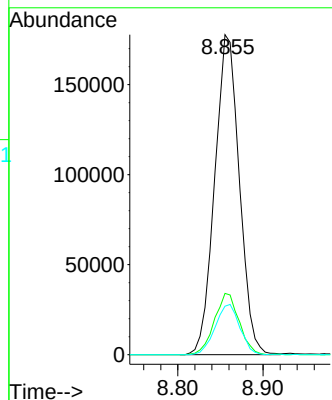
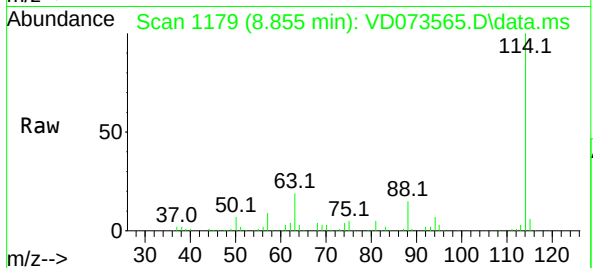
Tgt Ion:114 Resp: 356575

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.749 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073565.D

Acq: 14 Jun 2022 13:07

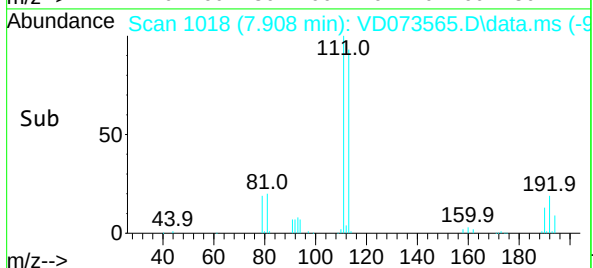
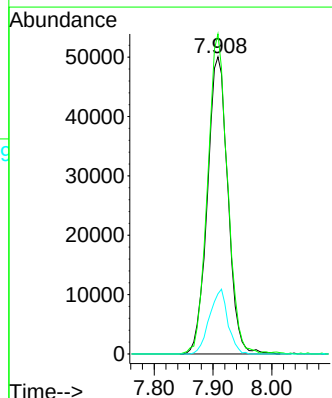
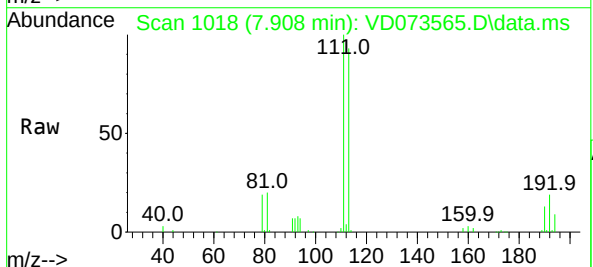
Tgt Ion:113 Resp: 120950

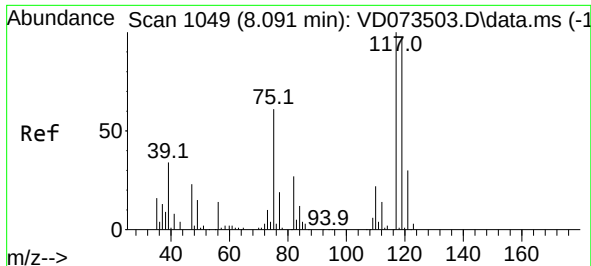
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

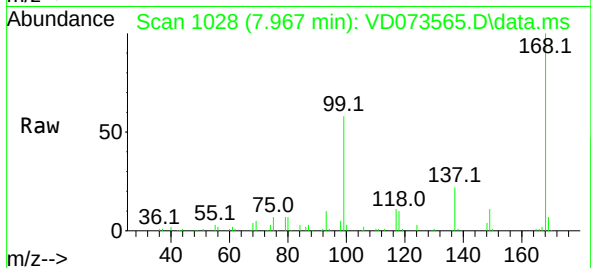
192 19.5 14.6 21.8



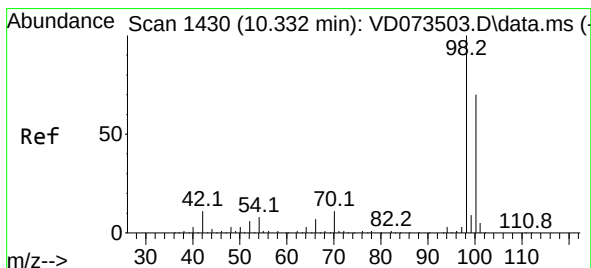
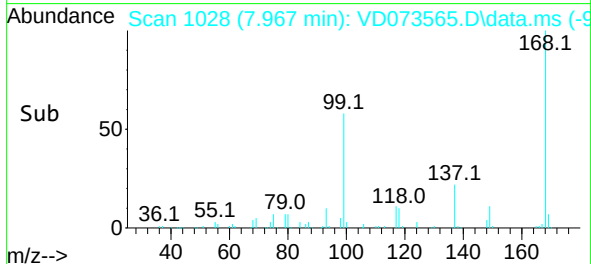
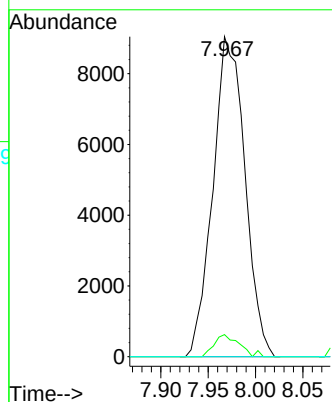


#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

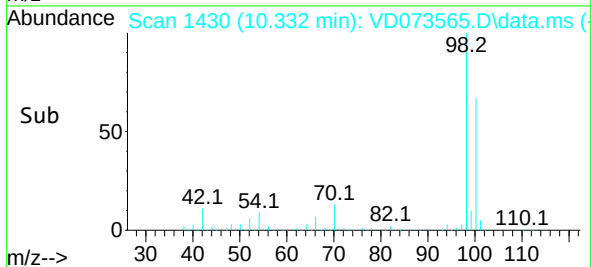
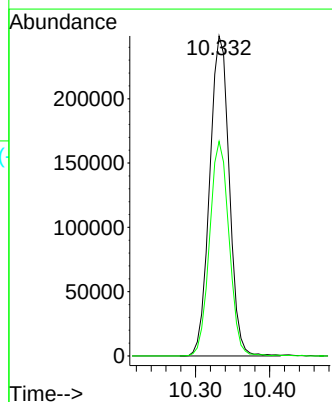
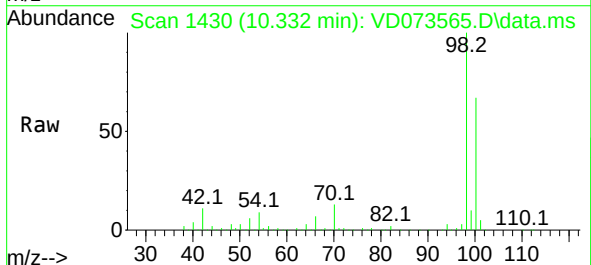


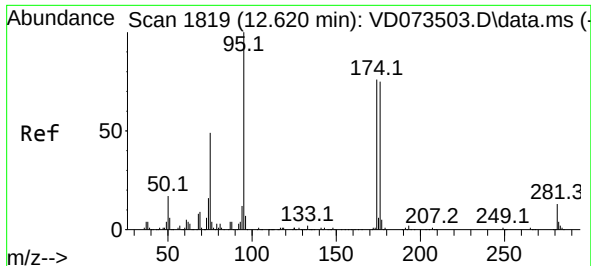
Tgt Ion:117 Resp: 21256
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.740 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

Tgt Ion: 98 Resp: 457214
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

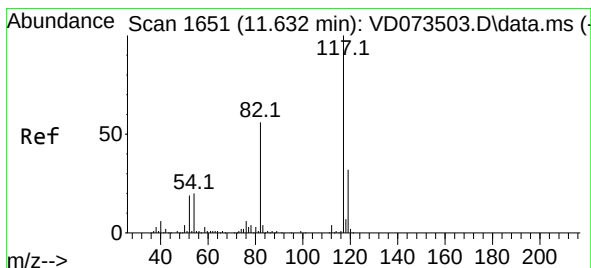
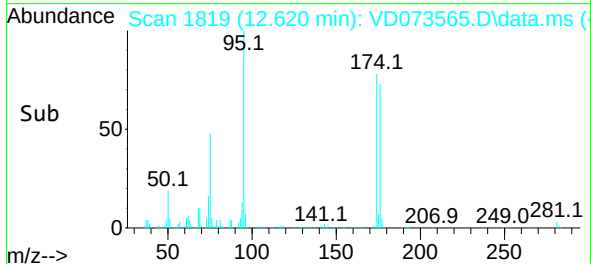
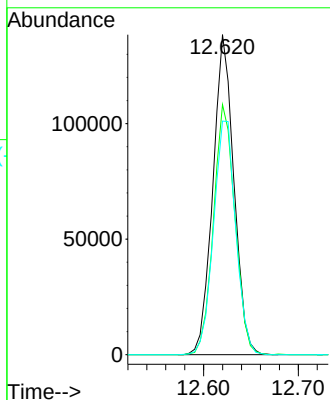
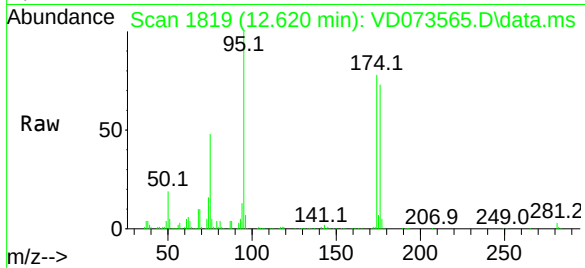




#62
4-Bromofluorobenzene
Concen: 67.792 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

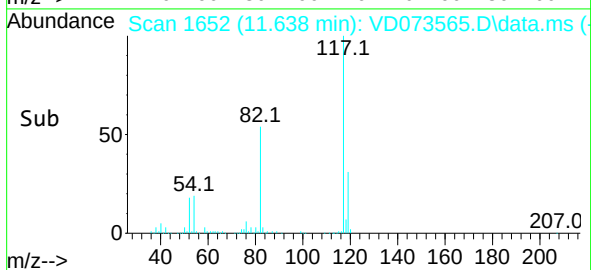
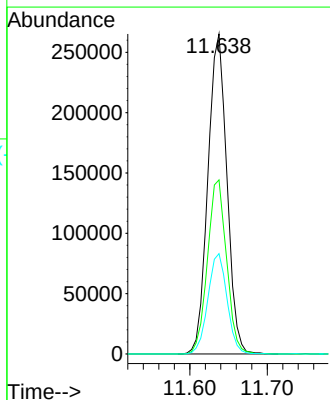
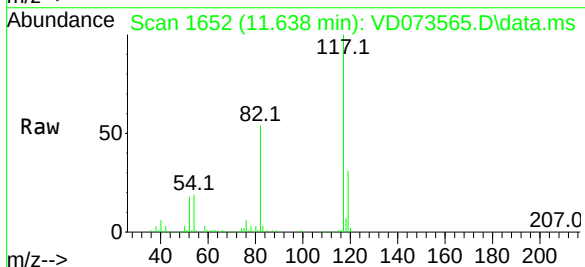
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

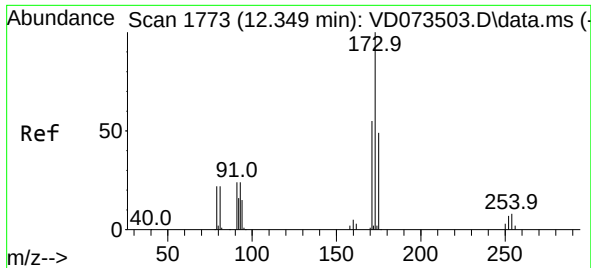
Tgt Ion: 95 Resp: 213353
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 77.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

Tgt Ion: 117 Resp: 451511
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 31.4 26.6 40.0

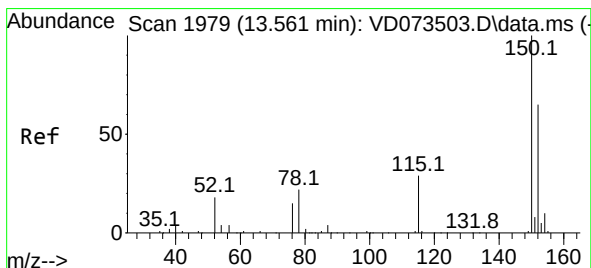
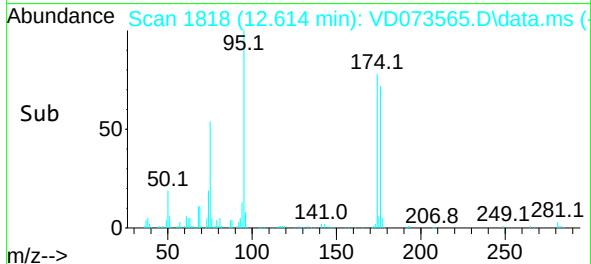
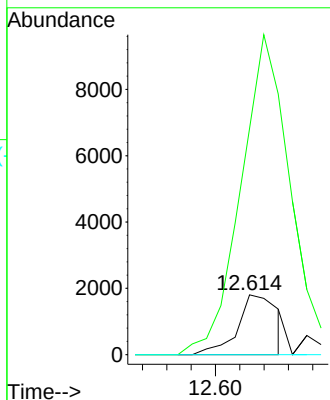
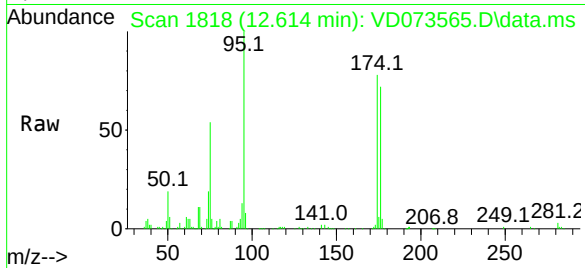




#71
Bromoform
Concen: 1.073 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.265 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

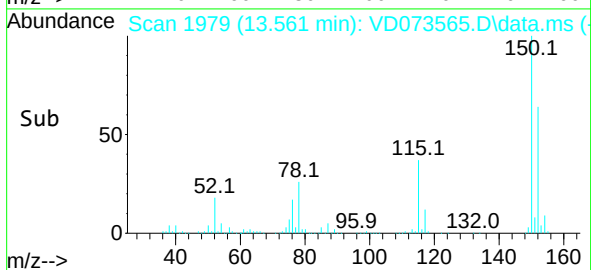
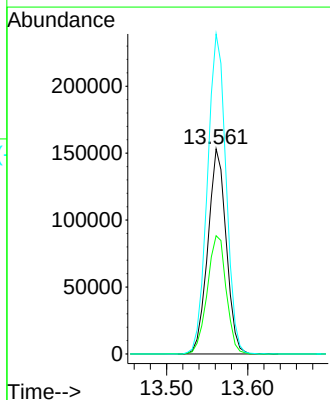
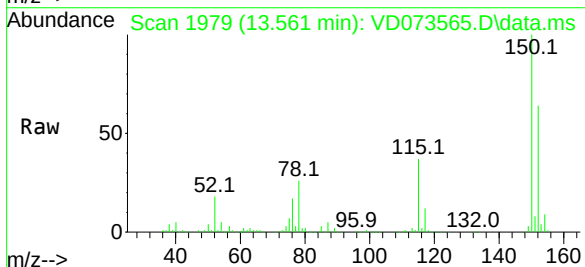
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

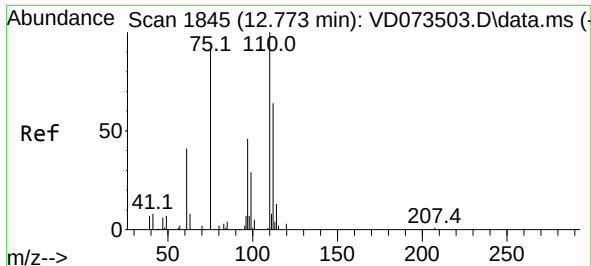
Tgt Ion:173 Resp: 2068
Ion Ratio Lower Upper
173 100
175 522.3 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

Tgt Ion:152 Resp: 239869
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 158.4 0.0 348.6

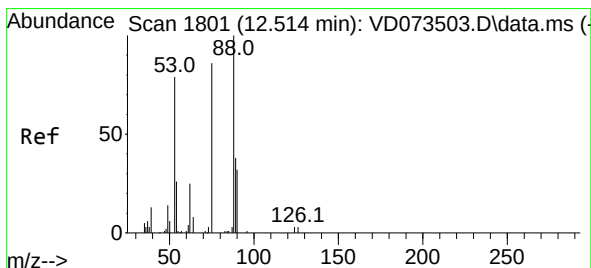
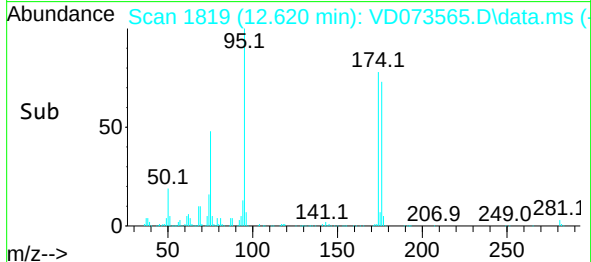
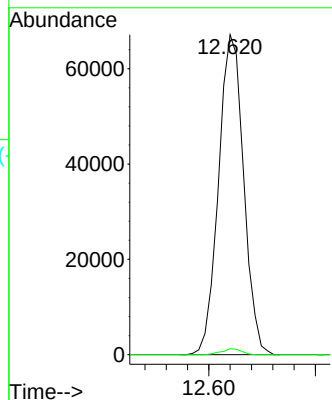
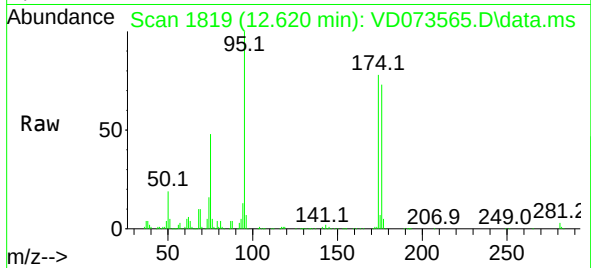




#76
1,2,3-Trichloropropane
Concen: 47.037 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

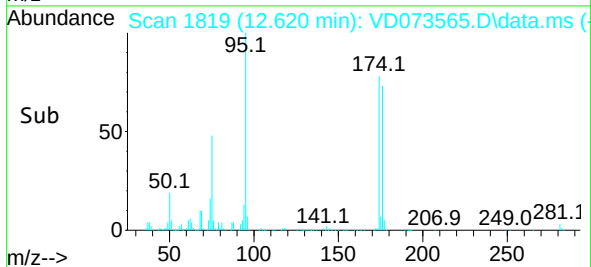
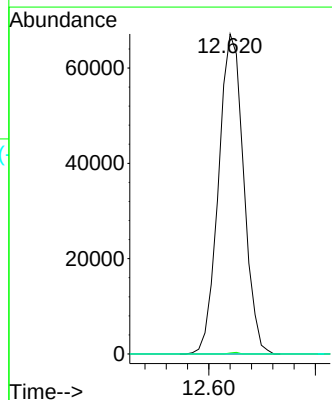
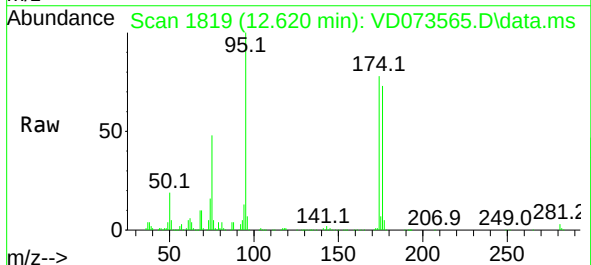
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

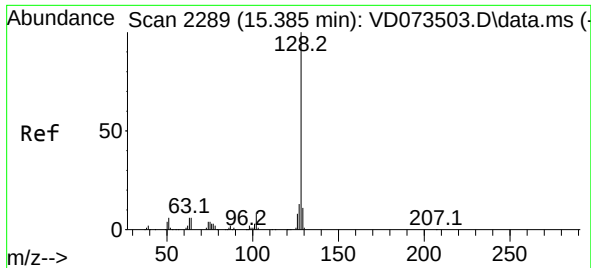
Tgt Ion: 75 Resp: 109607
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.403 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073565.D
Acq: 14 Jun 2022 13:07

Tgt Ion: 75 Resp: 109607
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 4.223 ug/l

RT: 15.373 min Scan# 21

Delta R.T. -0.012 min

Lab File: VD073565.D

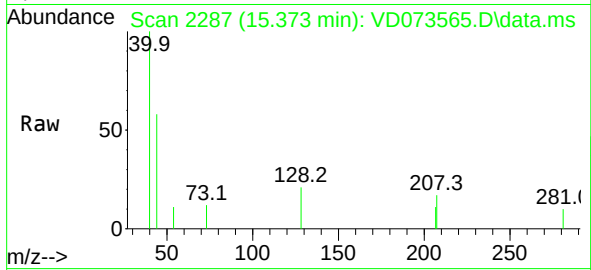
Acq: 14 Jun 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-1



Tgt Ion:128 Resp: 187

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

