

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073553.D
 Acq On : 13 Jun 2022 18:40
 Operator : VA/SY
 Sample : N3327-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 14 01:29:26 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)

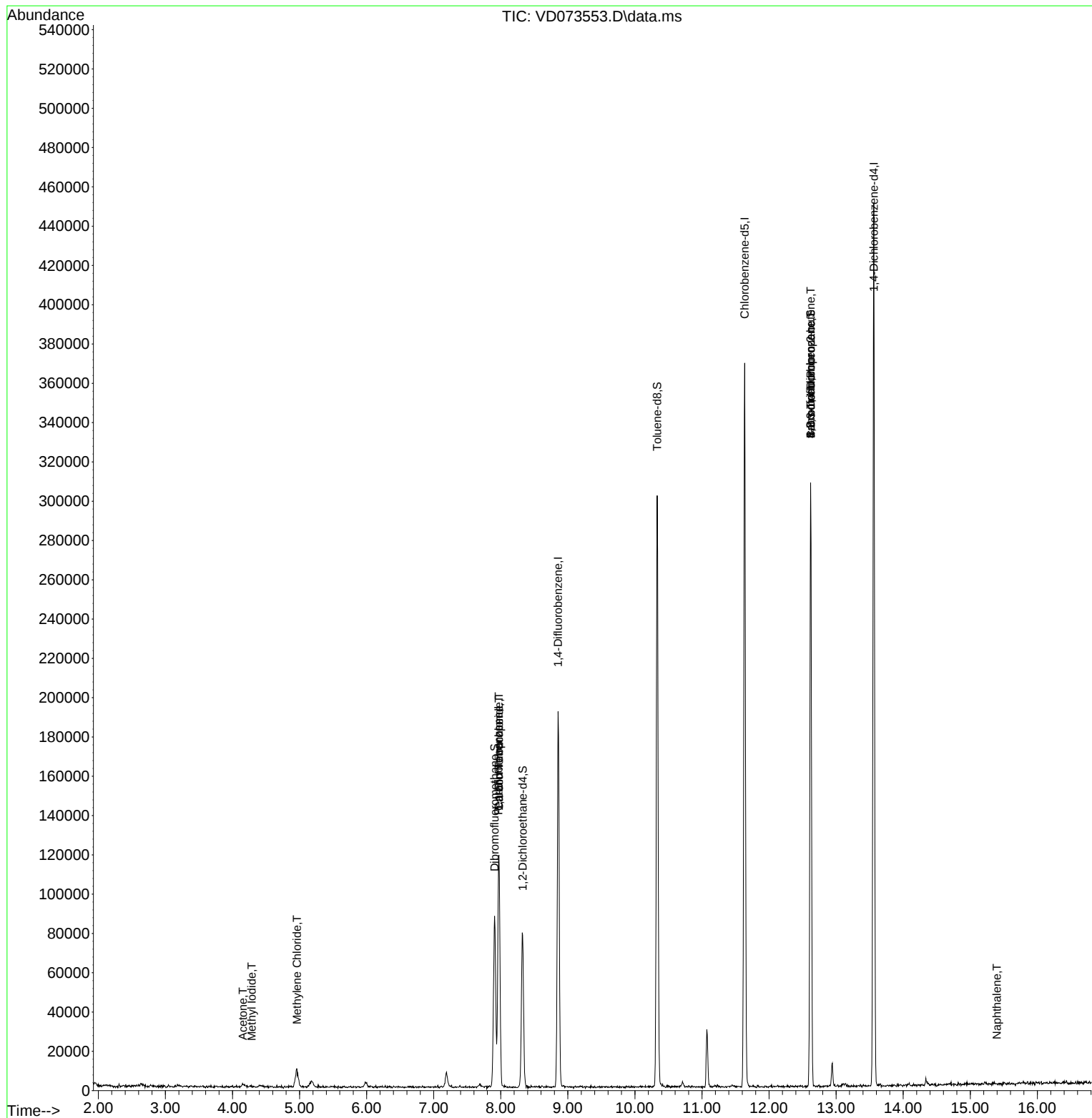
Internal Standards						
1) Pentafluorobenzene	7.967	168	88249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	159893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	215747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	65889	69.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.140%	
35) Dibromofluoromethane	7.908	113	61589	59.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.800%	
50) Toluene-d8	10.332	98	205747	52.927	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.620	95	102470	72.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 145.220%#	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	145	4.295	ug/l #	38
11) Tert butyl alcohol	5.161	59	1121	Below Cal	#	74
16) Acetone	4.156	43	2254	13.517	ug/l	95
20) Methylene Chloride	4.961	84	7122	3.797	ug/l #	72
36) 1,1-Dichloropropene	7.973	75	7359	4.765	ug/l #	52
38) Carbon Tetrachloride	7.973	117	9984	6.180	ug/l #	16
71) Bromoform	12.620	173	1296	1.407	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	52085	44.706	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	52085	104.933	ug/l #	7
95) Naphthalene	15.396	128	54	4.215	ug/l #	70

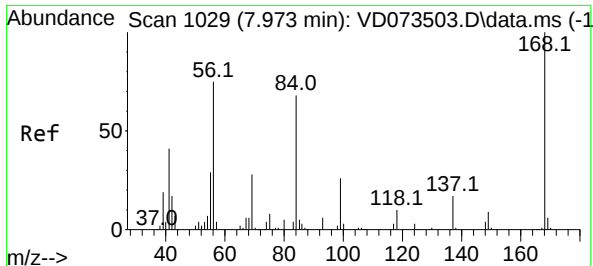
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 01:29:26 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

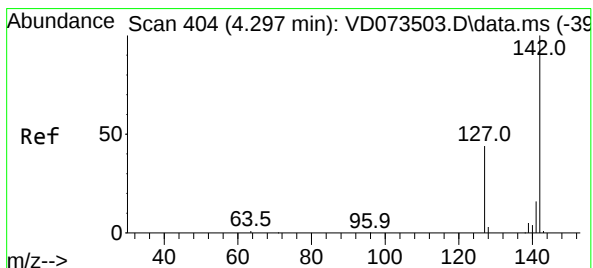
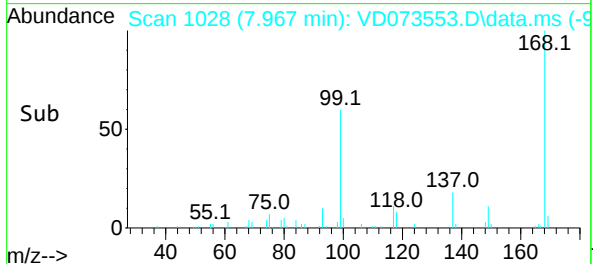
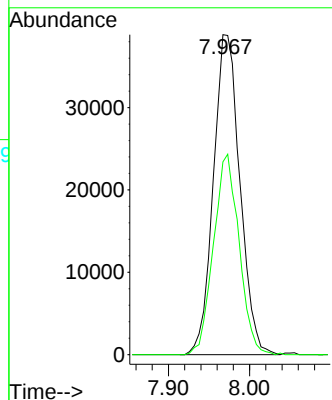
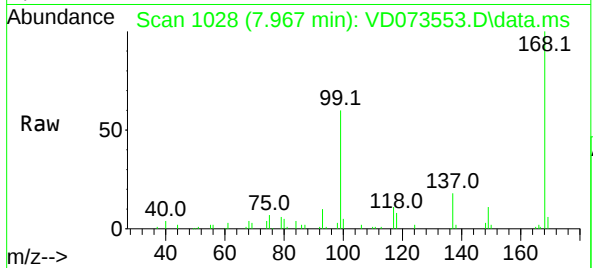




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

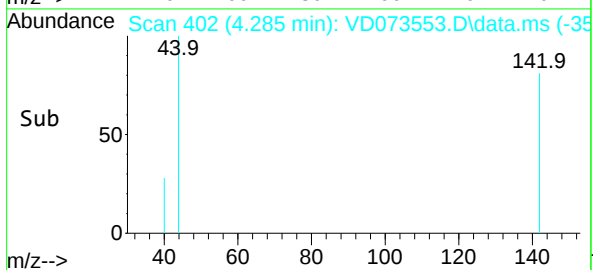
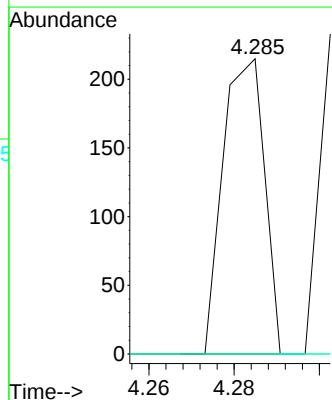
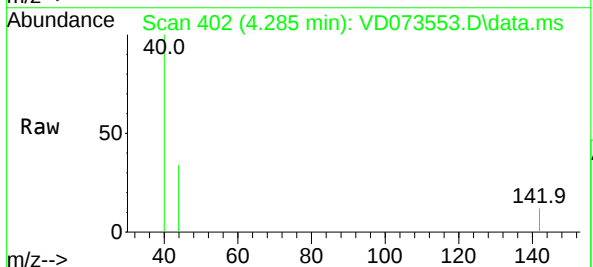
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-1

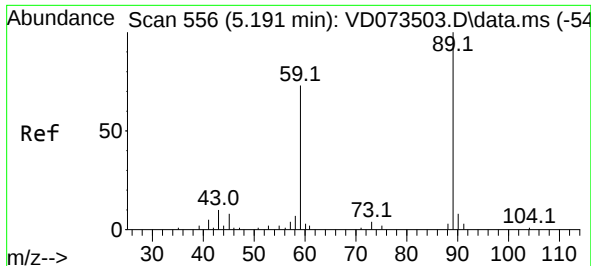
Tgt Ion:168 Resp: 88249
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#10
Methyl Iodide
Concen: 4.295 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.161 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

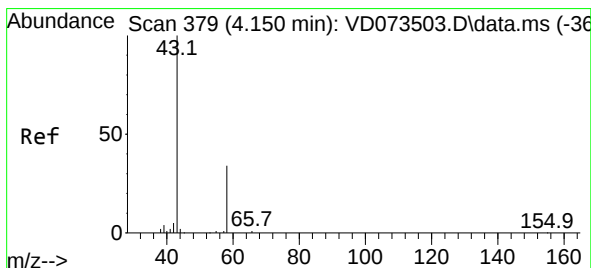
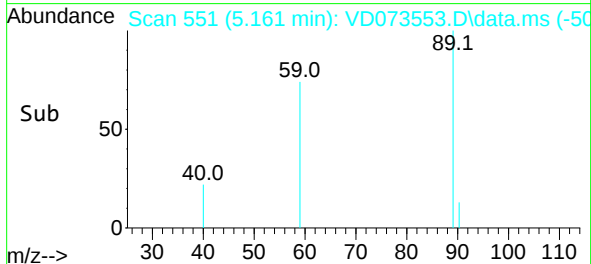
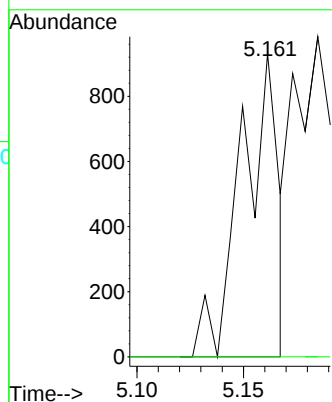
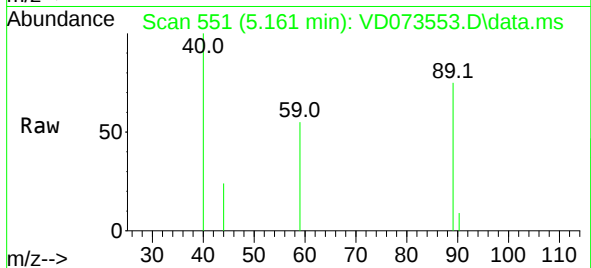
EW-WMR-COMP-1

Tgt Ion: 59 Resp: 1121

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 13.517 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.005 min

Lab File: VD073553.D

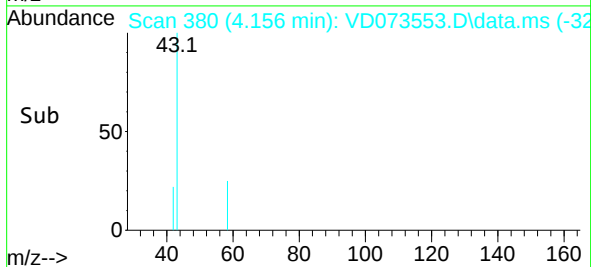
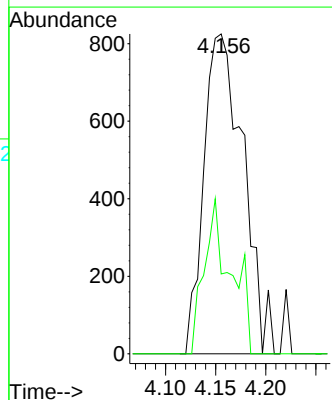
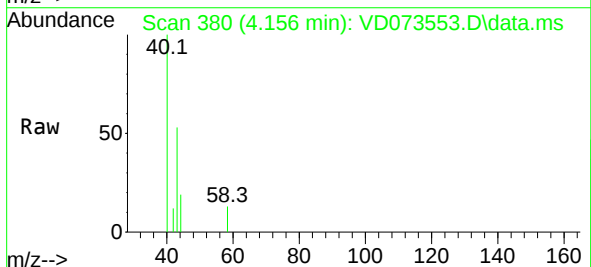
Acq: 13 Jun 2022 18:40

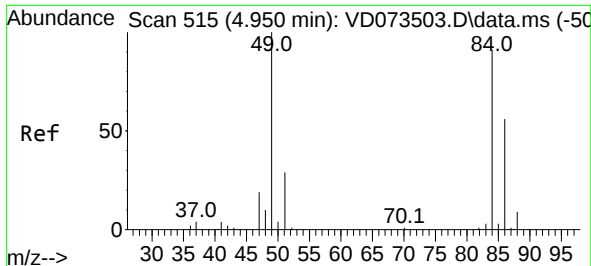
Tgt Ion: 43 Resp: 2254

Ion Ratio Lower Upper

43 100

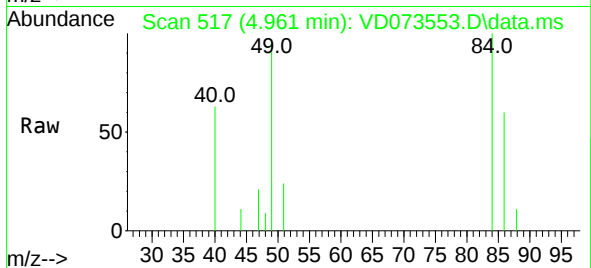
58 25.0 22.1 33.1





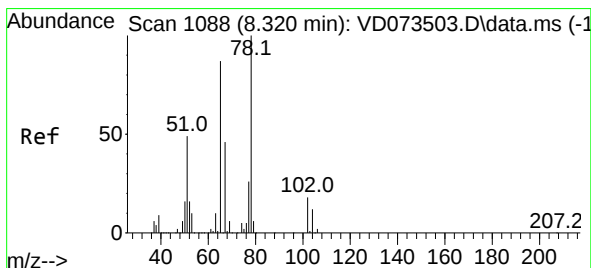
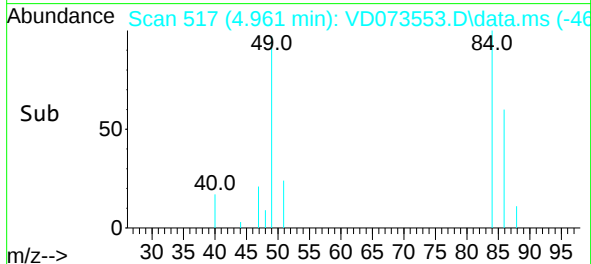
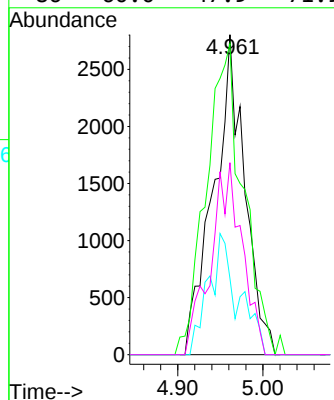
#20
Methylene Chloride
Concen: 3.797 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

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



Tgt Ion: 84 Resp: 7122

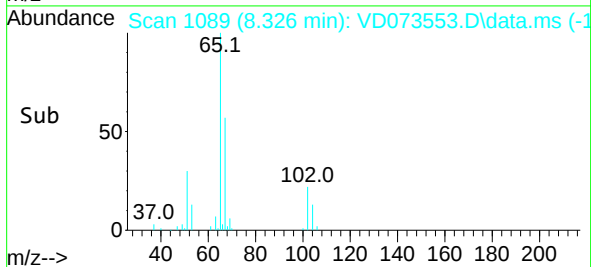
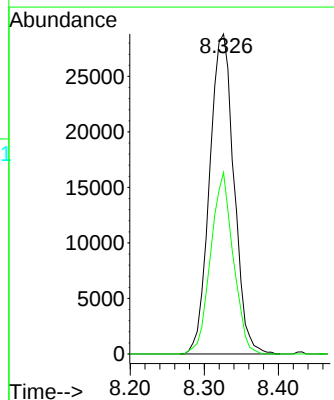
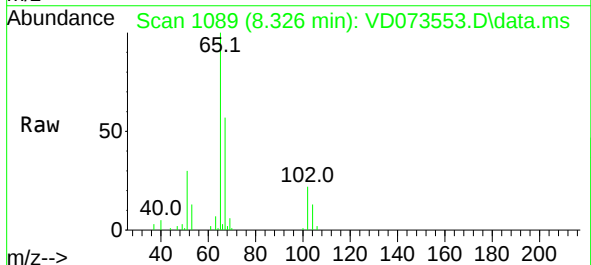
Ion	Ratio	Lower	Upper
84	100		
49	91.6	112.8	169.2#
51	23.8	32.6	48.8#
86	60.0	47.9	71.9

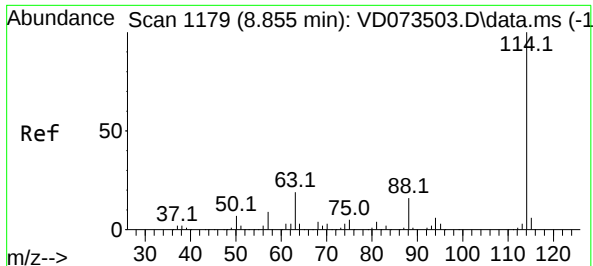


#33
1,2-Dichloroethane-d4
Concen: 69.574 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

Tgt Ion: 65 Resp: 65889

Ion	Ratio	Lower	Upper
65	100		
67	52.3	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: VD073553.D

Acq: 13 Jun 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-1

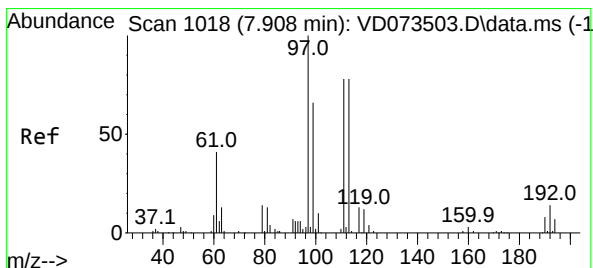
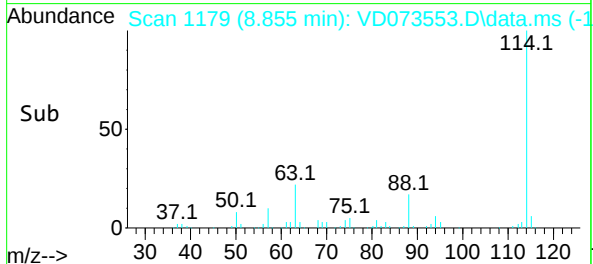
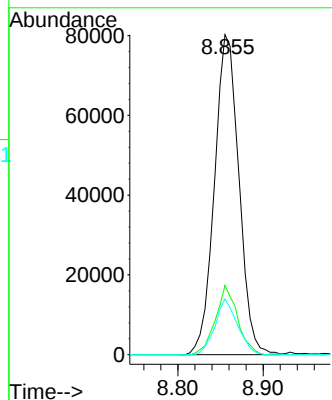
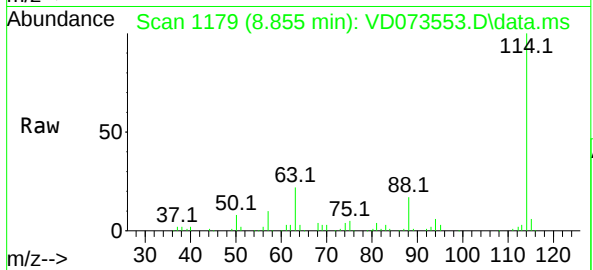
Tgt Ion:114 Resp: 159893

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 17.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 59.901 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

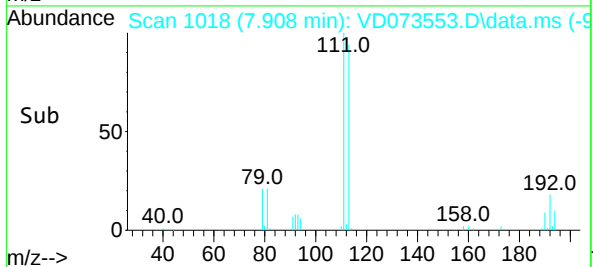
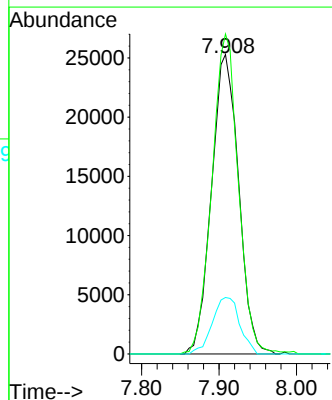
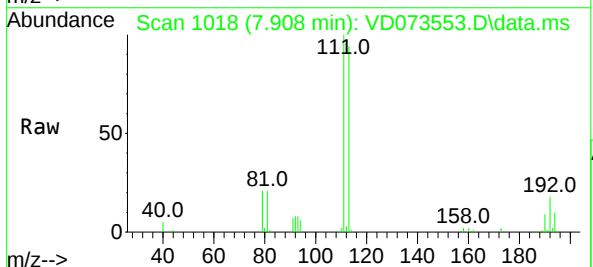
Tgt Ion:113 Resp: 61589

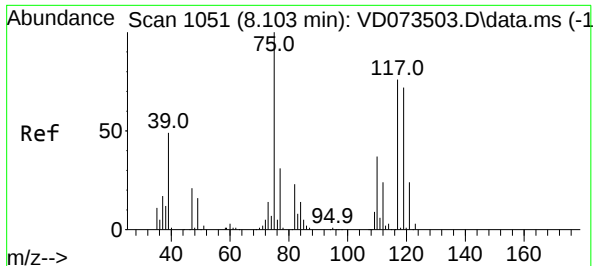
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 19.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-1

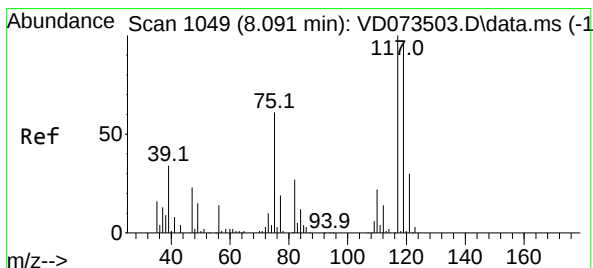
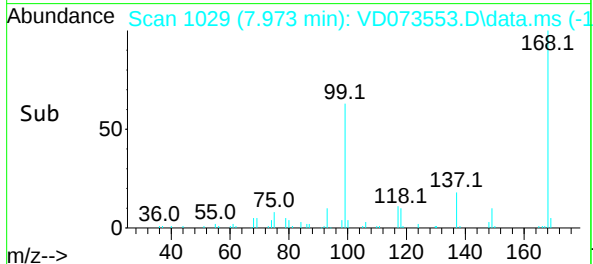
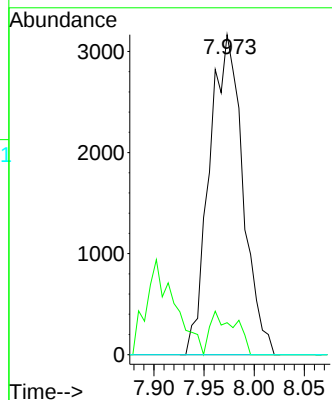
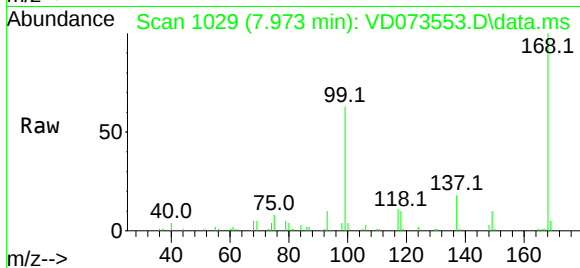
Tgt Ion: 75 Resp: 7359

Ion Ratio Lower Upper

75 100

110 10.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.180 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

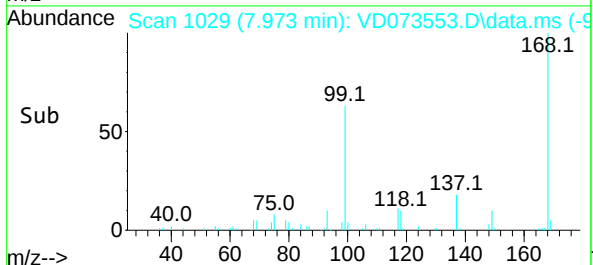
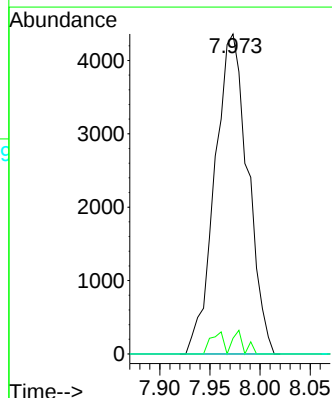
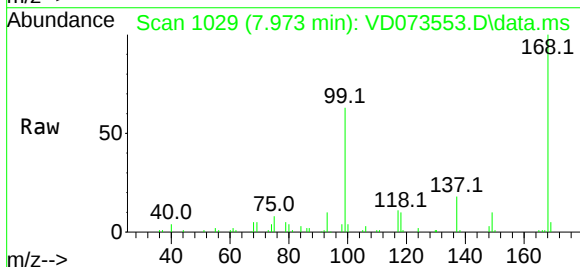
Tgt Ion: 117 Resp: 9984

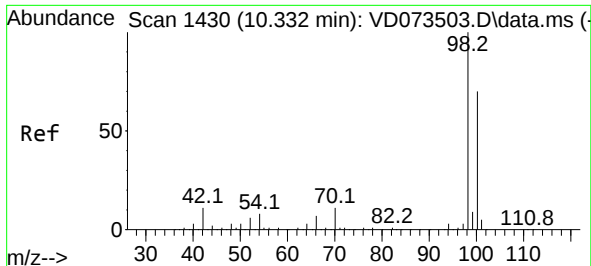
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#

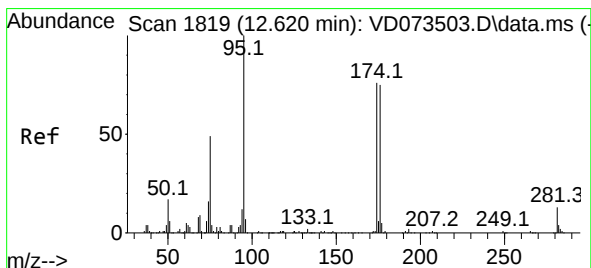
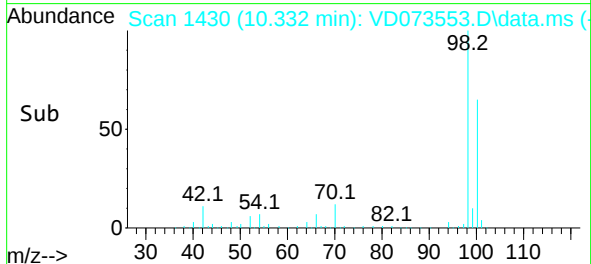
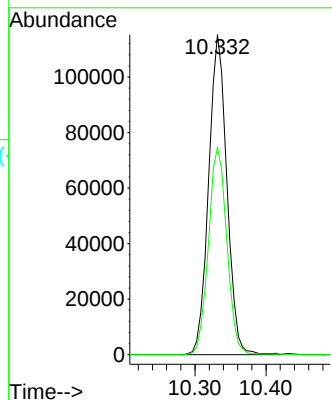
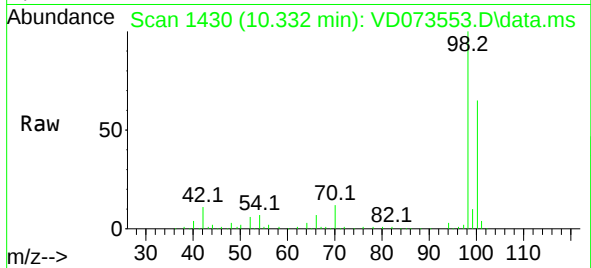




#50
Toluene-d8
Concen: 52.927 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

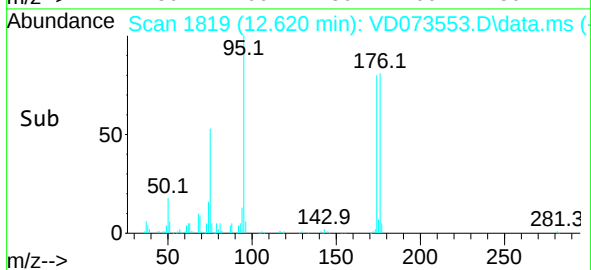
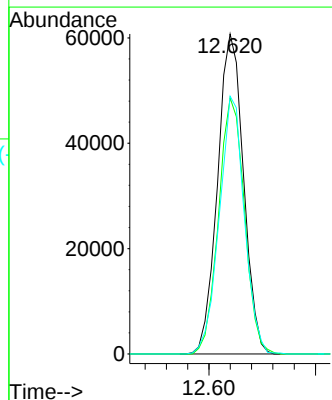
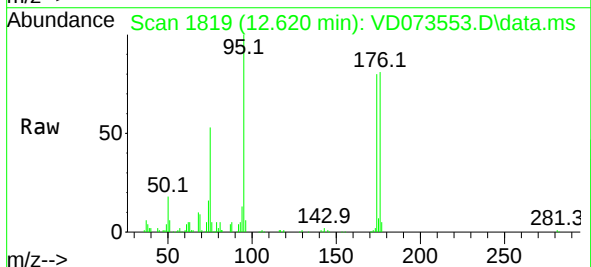
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EW-WMR-COMP-1

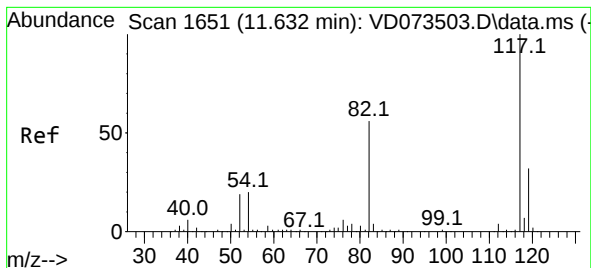
Tgt Ion: 98 Resp: 205747
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 72.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

Tgt Ion: 95 Resp: 102470
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 77.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-1

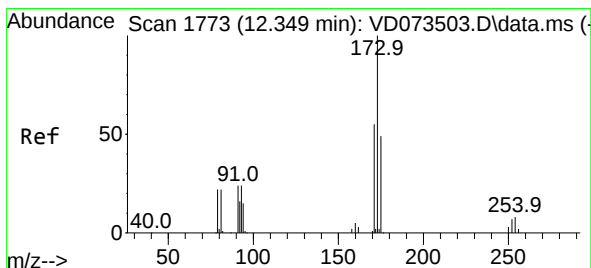
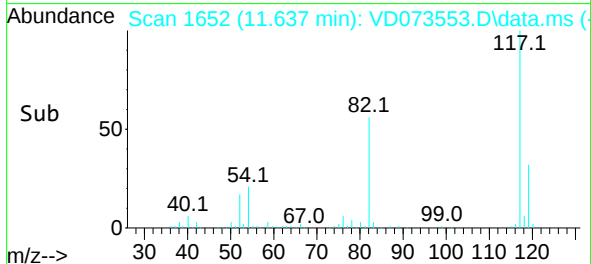
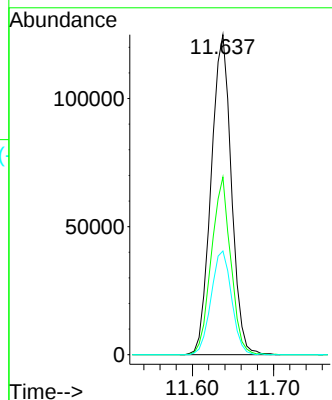
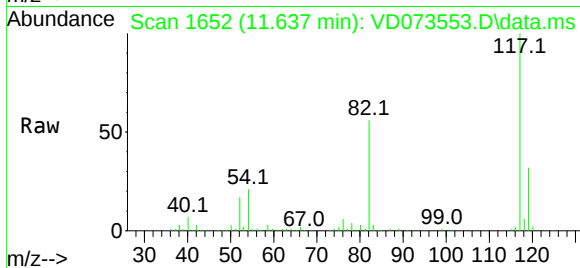
Tgt Ion:117 Resp: 215747

Ion Ratio Lower Upper

117 100

82 55.5 45.3 67.9

119 32.4 26.6 40.0



#71

Bromoform

Concen: 1.407 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.271 min

Lab File: VD073553.D

Acq: 13 Jun 2022 18:40

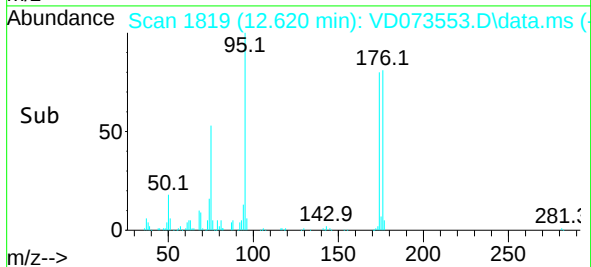
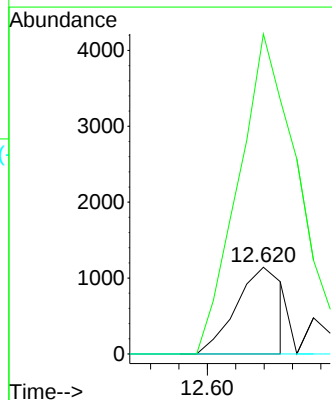
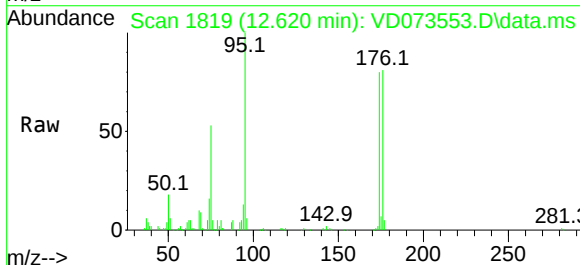
Tgt Ion:173 Resp: 1296

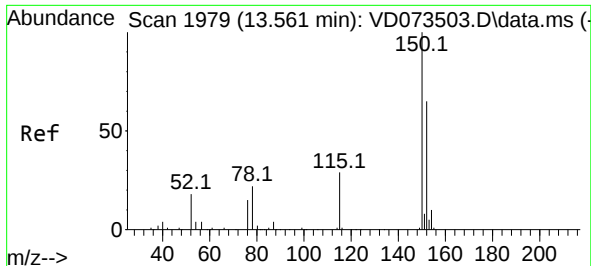
Ion Ratio Lower Upper

173 100

175 350.3 23.9 71.8#

254 0.0 0.0 0.0

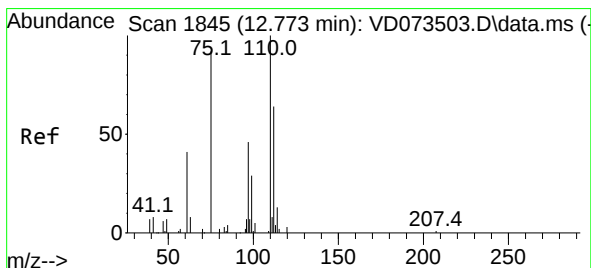
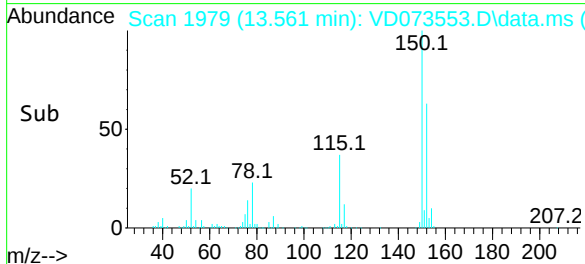
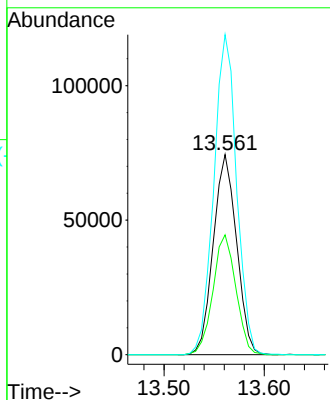
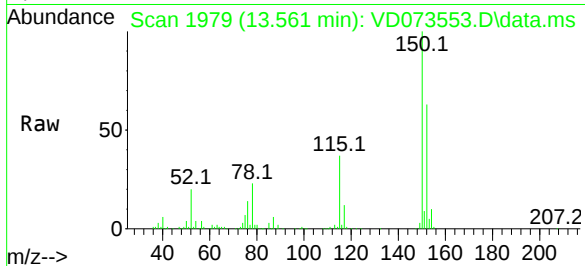




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 119927
 Delta R.T. -0.000 min
 Lab File: VD073553.D
 Acq: 13 Jun 2022 18:40

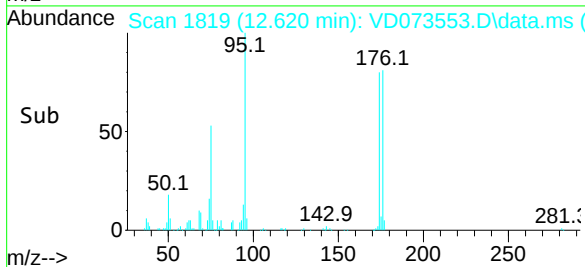
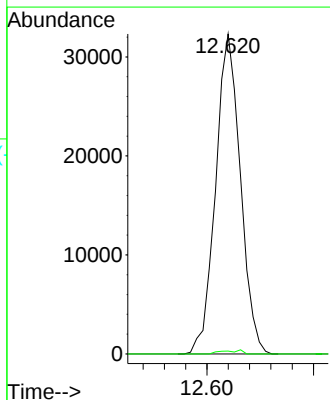
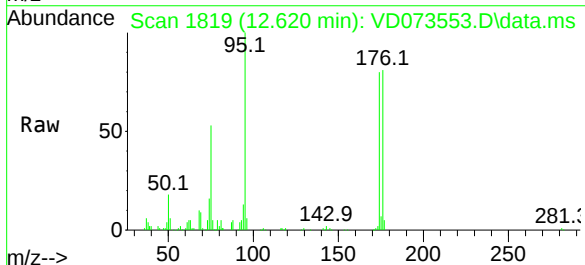
Instrument :
 MSVOA_D
 ClientSampleId :
 EW-WMR-COMP-1

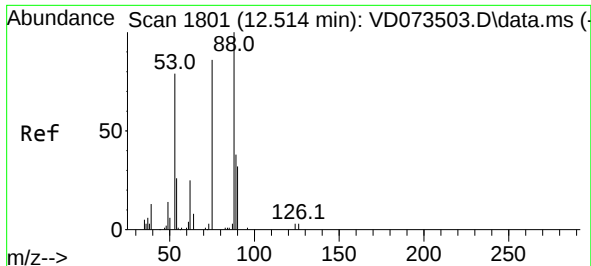
Tgt Ion:152 Resp: 119927
 Ion Ratio Lower Upper
 152 100
 115 59.0 31.3 93.8
 150 156.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.706 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073553.D
 Acq: 13 Jun 2022 18:40

Tgt Ion: 75 Resp: 52085
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#

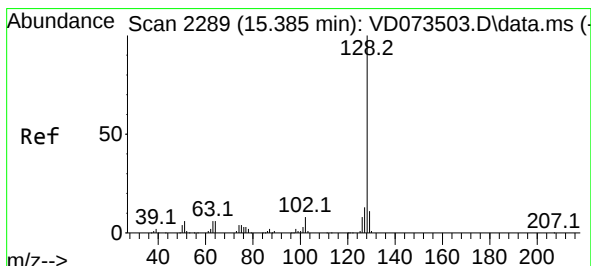
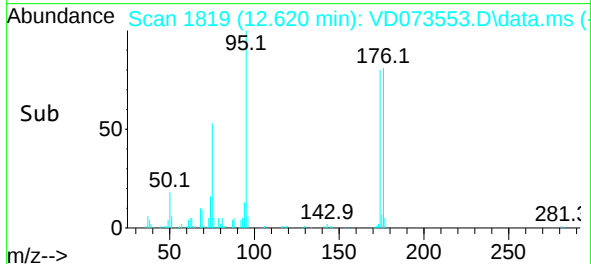
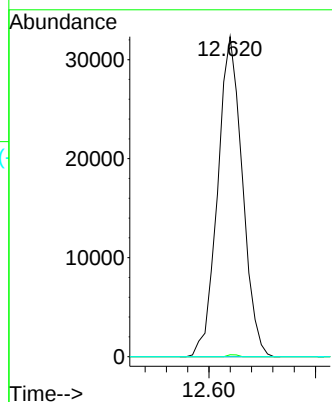
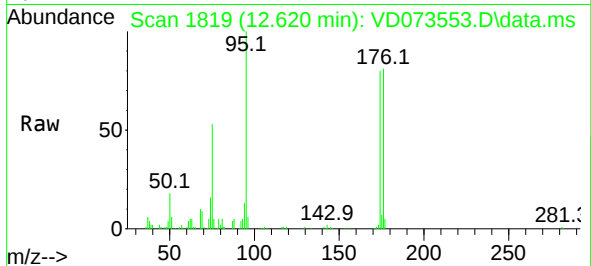




#81
trans-1,4-Dichloro-2-butene
Concen: 104.933 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

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

Tgt Ion: 75 Resp: 52085
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.215 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.011 min
Lab File: VD073553.D
Acq: 13 Jun 2022 18:40

Tgt Ion: 128 Resp: 54
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

