

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073566.D
 Acq On : 14 Jun 2022 13:36
 Operator : VA/SY
 Sample : N3327-05RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW-WMR-COMP-3

Quant Time: Jun 15 01:36:18 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)

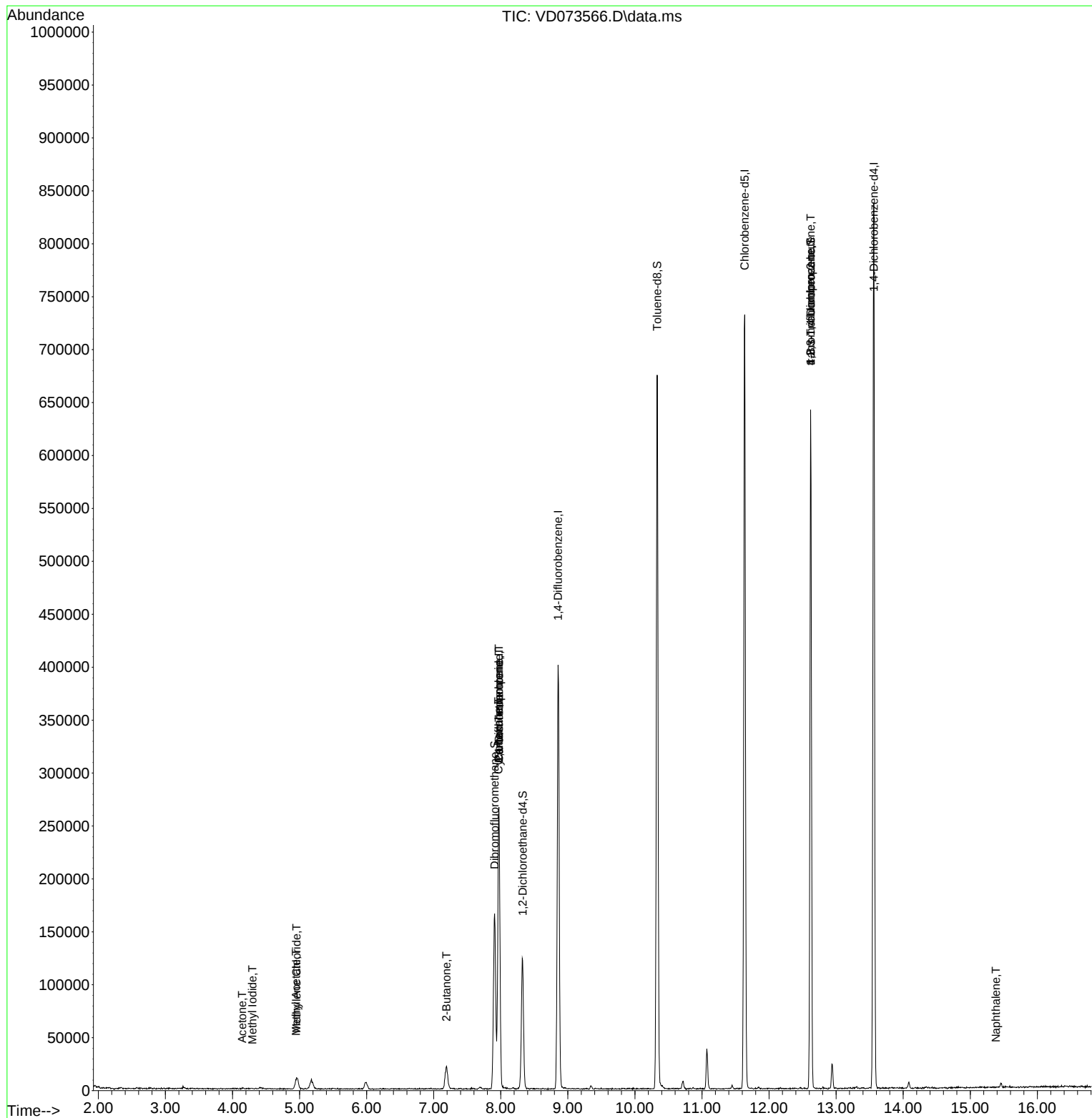
Internal Standards						
1) Pentafluorobenzene	7.973	168	187375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	346298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	430103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	226570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	100895	50.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.360%	
35) Dibromofluoromethane	7.908	113	119284	53.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.140%	
50) Toluene-d8	10.332	98	453230	53.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.620	95	204214	66.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 133.620%	
Target Compounds						Qvalue
10) Methyl Iodide	4.297	142	403	4.333	ug/l #	38
11) Tert butyl alcohol	5.179	59	7453	Below Cal	#	74
16) Acetone	4.144	43	1099	3.104	ug/l #	73
18) Methyl Acetate	4.950	43	62	1.430	ug/l #	55
20) Methylene Chloride	4.956	84	9488	1.080	ug/l #	63
25) 2-Butanone	7.191	43	1109	2.129	ug/l #	52
31) Cyclohexane	7.967	56	4929	1.455	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	14969	4.476	ug/l #	51
38) Carbon Tetrachloride	7.973	117	21601	6.174	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	105037	47.722	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	105037	112.010	ug/l #	7
95) Naphthalene	15.384	128	274	4.234	ug/l #	70

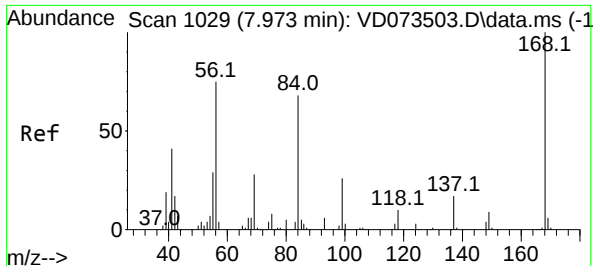
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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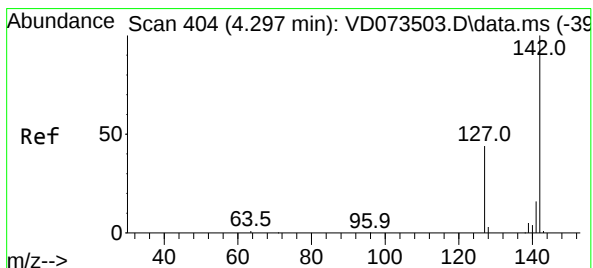
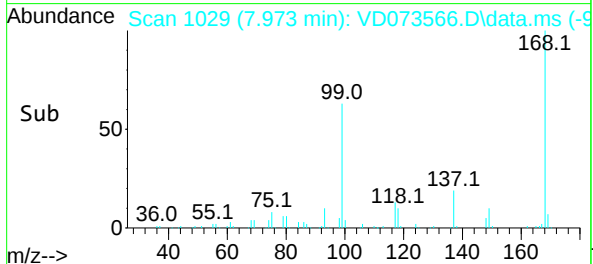
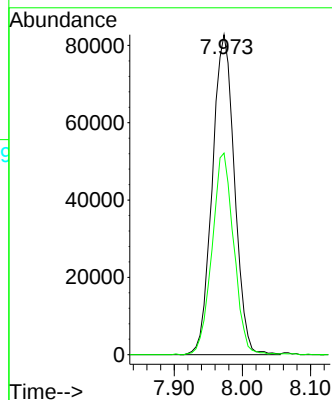
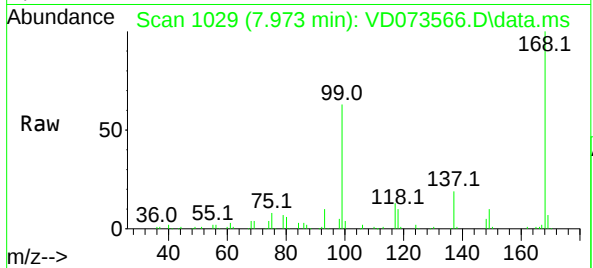




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

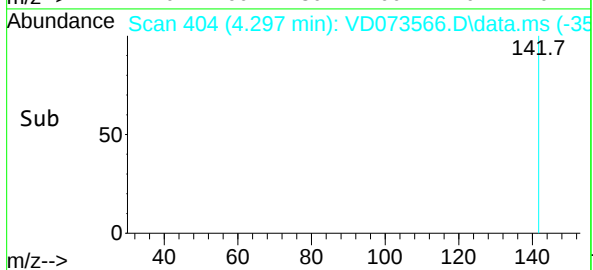
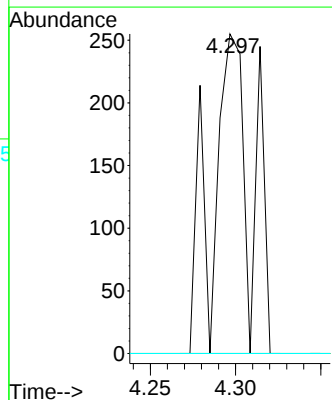
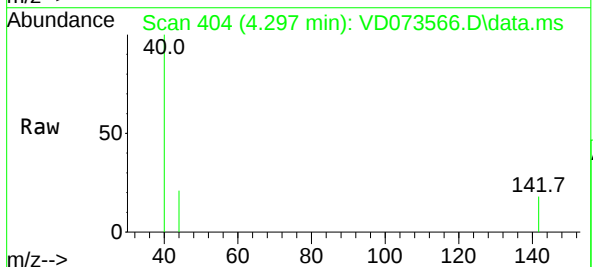
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

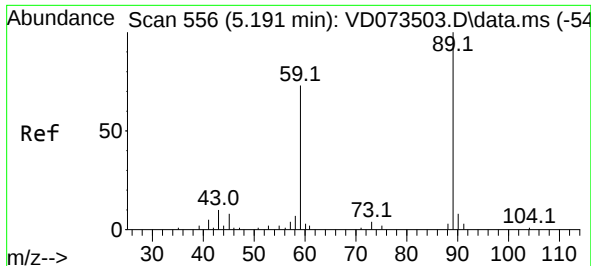
Tgt Ion:168 Resp: 187375
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#10
Methyl Iodide
Concen: 4.333 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Tgt Ion:142 Resp: 403
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

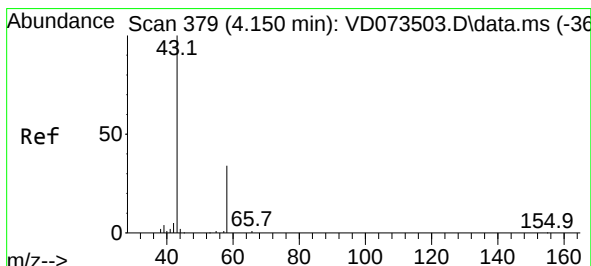
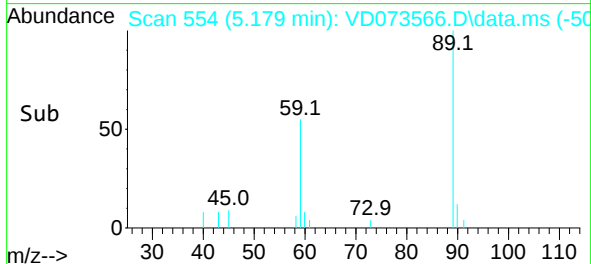
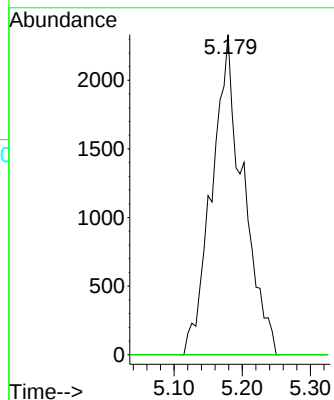
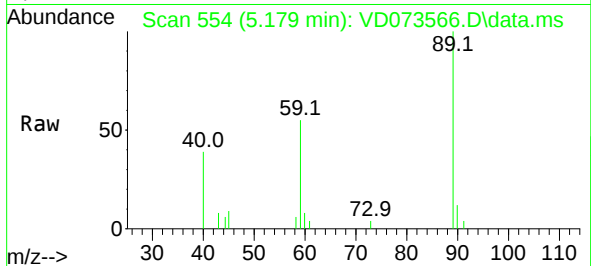




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

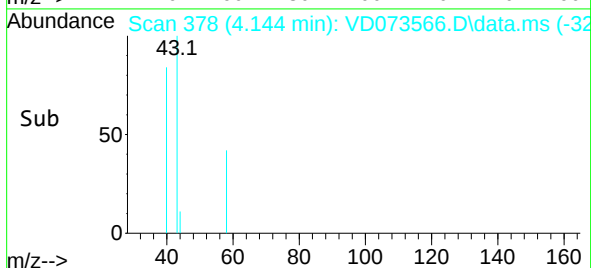
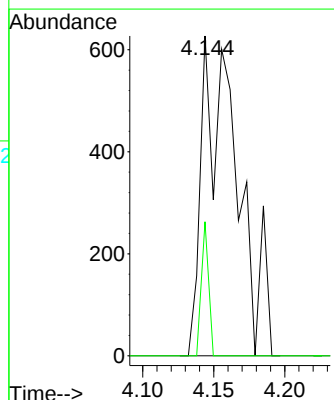
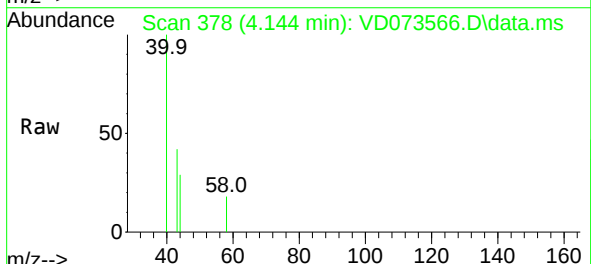
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

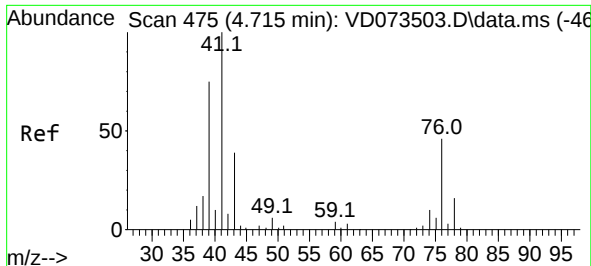
Tgt Ion: 59 Resp: 7453
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.104 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.006 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 41.9 22.1 33.1#

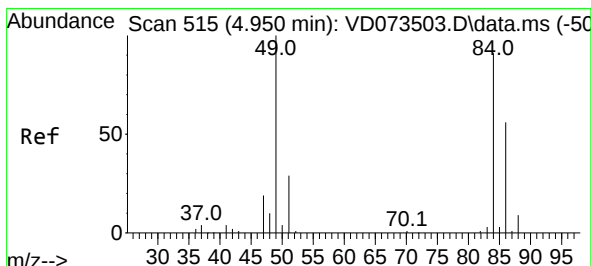
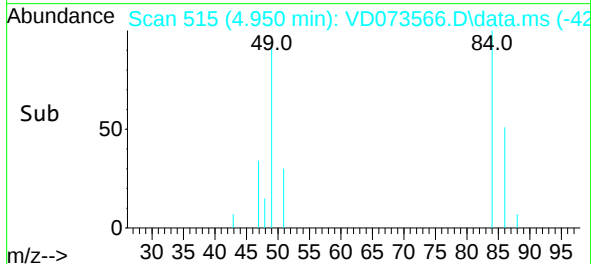
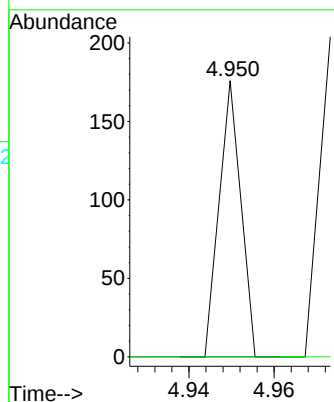
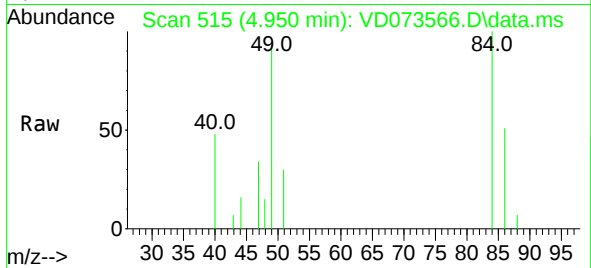




#18
Methyl Acetate
Concen: 1.430 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.235 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

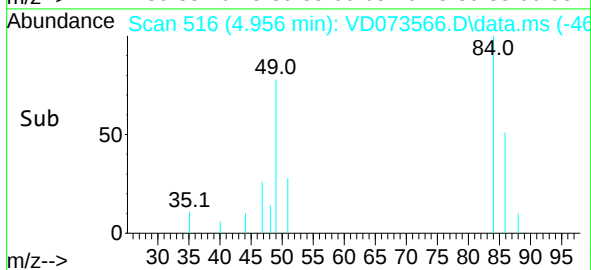
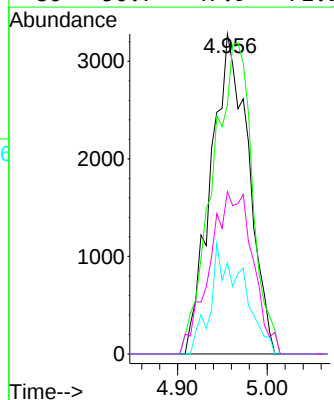
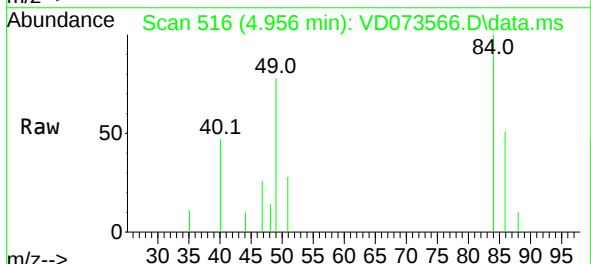
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

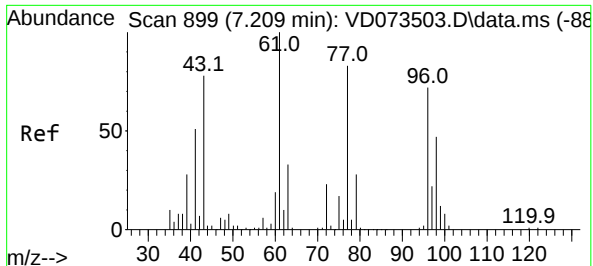
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.080 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Tgt Ion: 84 Resp: 9488
Ion Ratio Lower Upper
84 100
49 77.7 112.8 169.2#
51 28.5 32.6 48.8#
86 50.7 47.9 71.9





#25

2-Butanone

Concen: 2.129 ug/l

RT: 7.191 min Scan# 899

Delta R.T. -0.018 min

Lab File: VD073566.D

Acq: 14 Jun 2022 13:36

Instrument :

MSVOA_D

ClientSampleId :

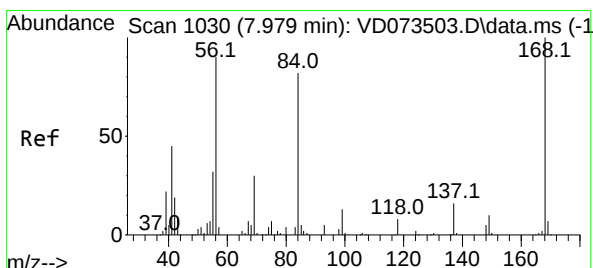
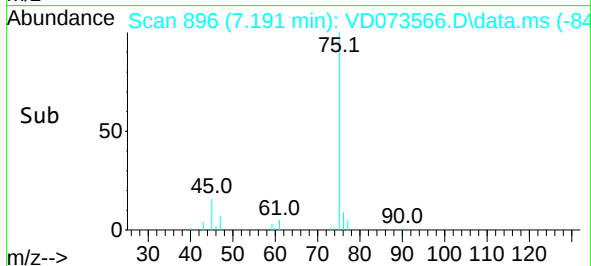
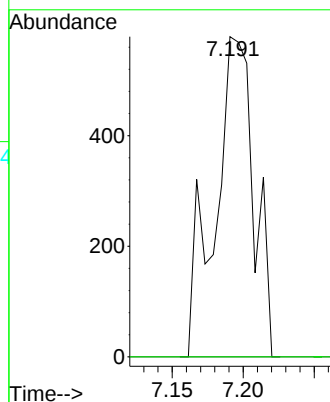
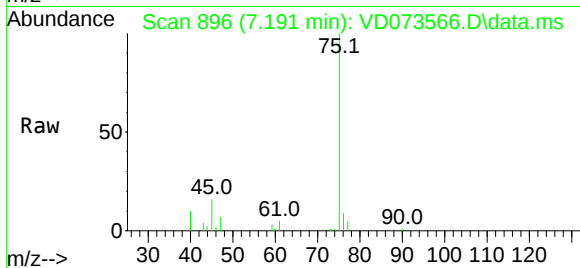
EW-WMR-COMP-3

Tgt Ion: 43 Resp: 1109

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.455 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073566.D

Acq: 14 Jun 2022 13:36

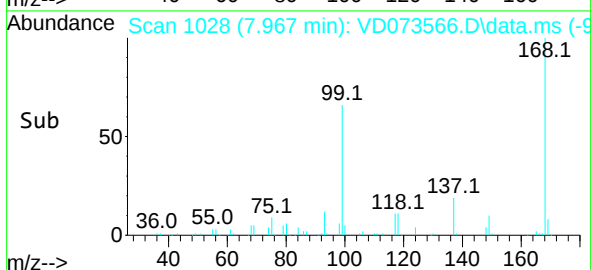
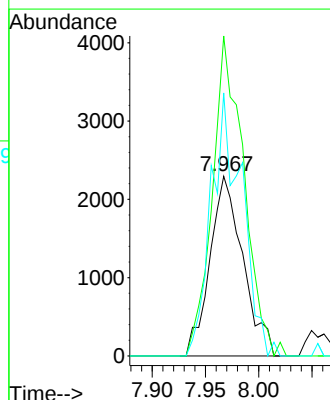
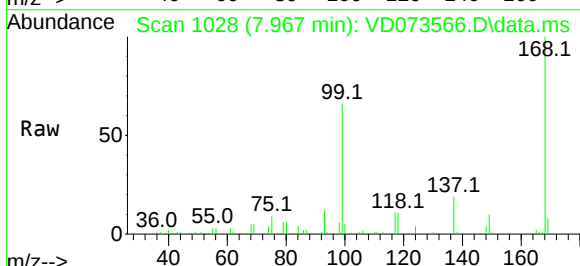
Tgt Ion: 56 Resp: 4929

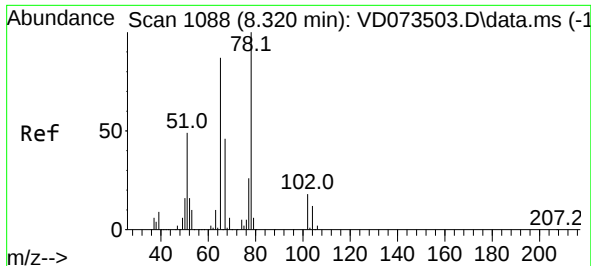
Ion Ratio Lower Upper

56 100

69 178.2 25.4 38.2#

84 146.5 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.177 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073566.D

Acq: 14 Jun 2022 13:36

Instrument :

MSVOA_D

ClientSampleId :

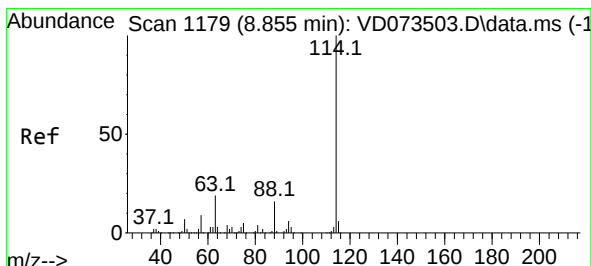
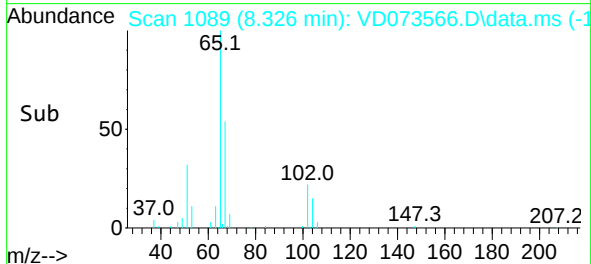
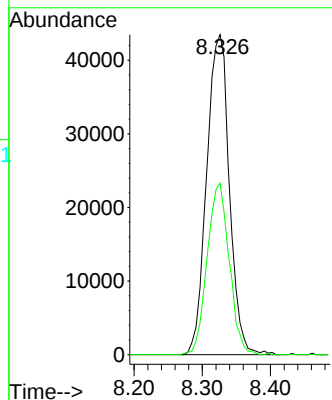
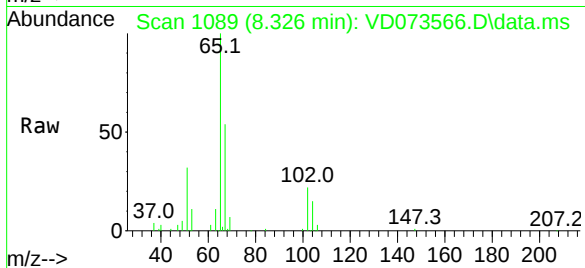
EW-WMR-COMP-3

Tgt Ion: 65 Resp: 100895

Ion Ratio Lower Upper

65 100

67 51.9 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: VD073566.D

Acq: 14 Jun 2022 13:36

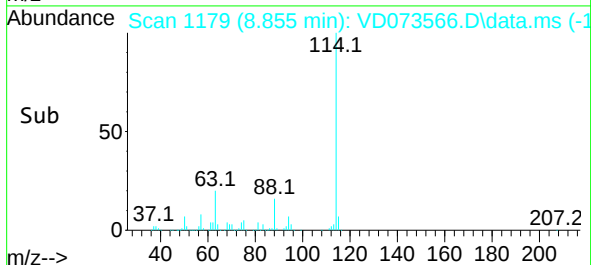
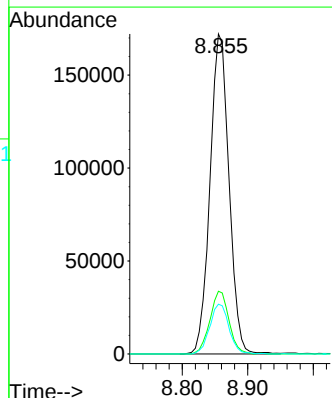
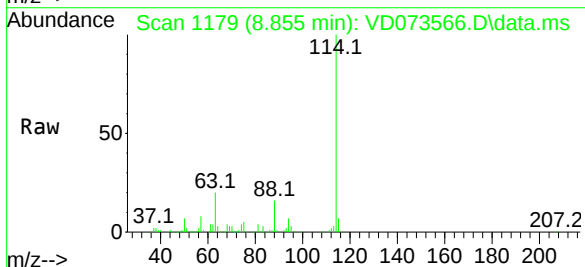
Tgt Ion: 114 Resp: 346298

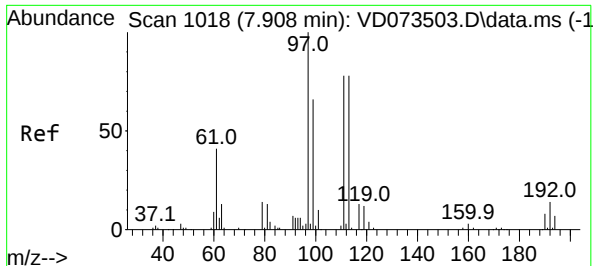
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.567 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073566.D

Acq: 14 Jun 2022 13:36

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-3

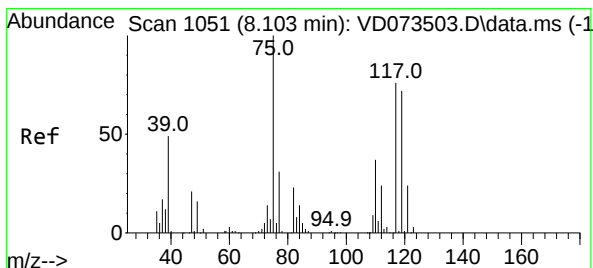
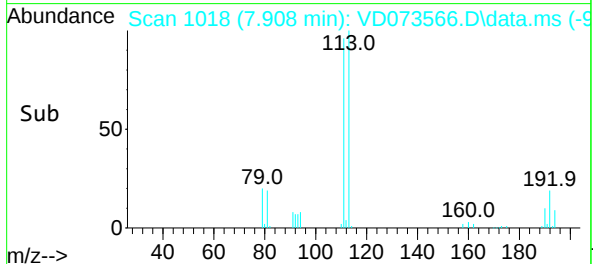
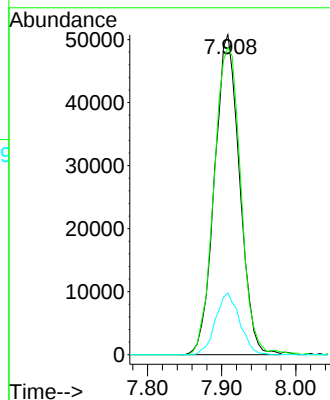
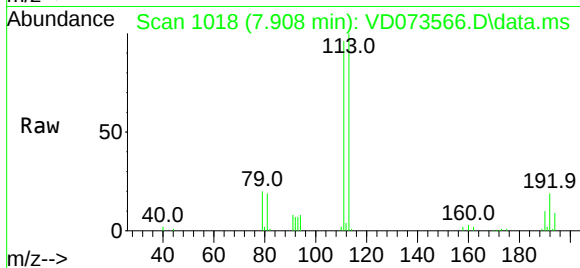
Tgt Ion:113 Resp: 119284

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.476 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073566.D

Acq: 14 Jun 2022 13:36

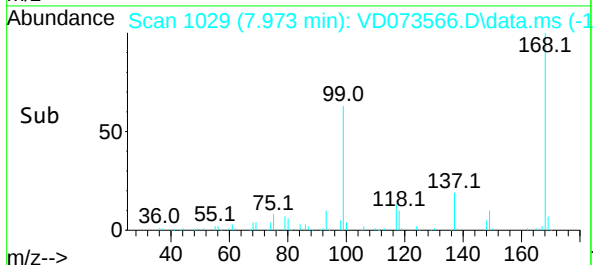
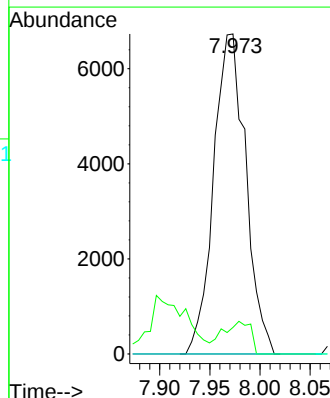
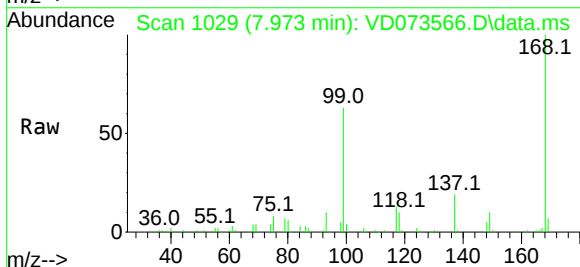
Tgt Ion: 75 Resp: 14969

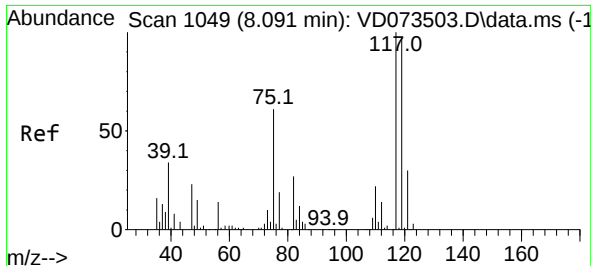
Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

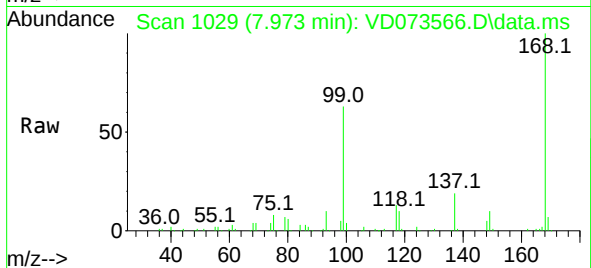
77 0.0 24.2 36.2#



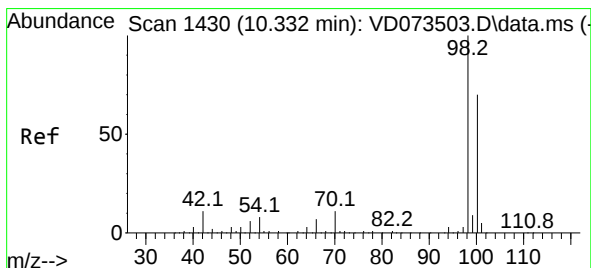
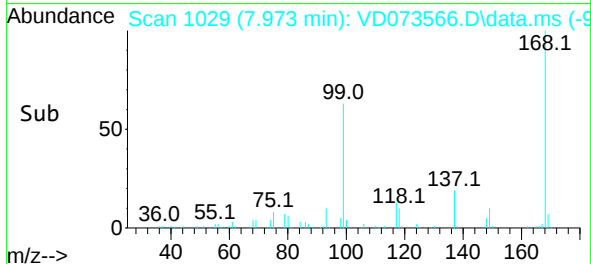
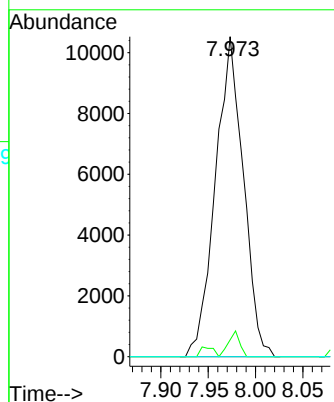


#38
Carbon Tetrachloride
Concen: 6.174 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

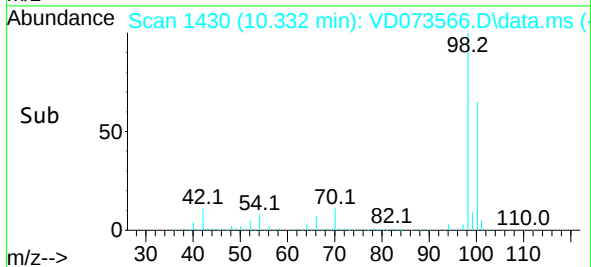
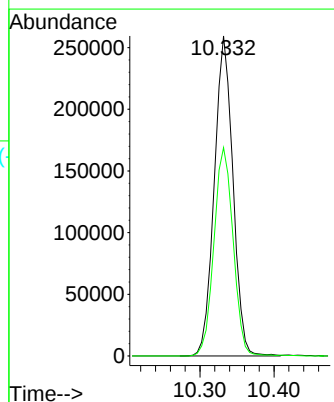
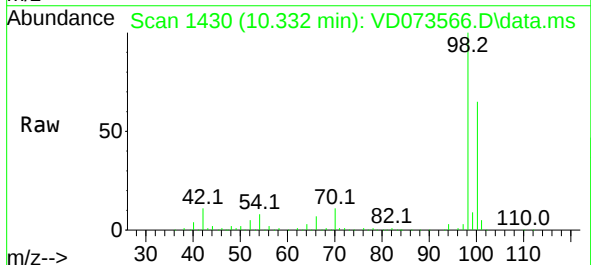


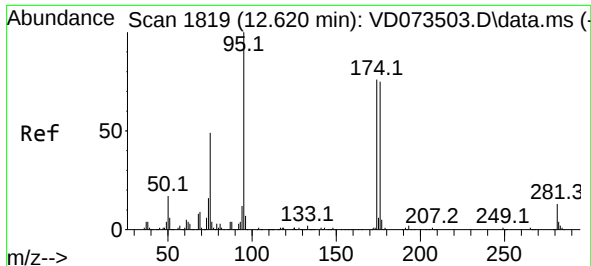
Tgt Ion:117 Resp: 21601
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.832 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Tgt Ion: 98 Resp: 453230
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

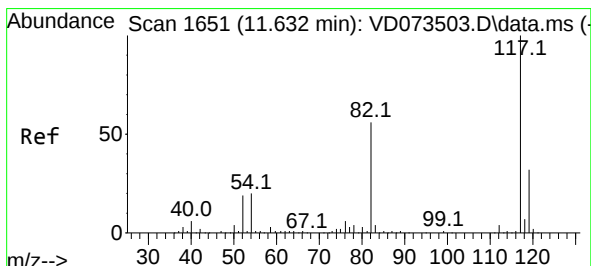
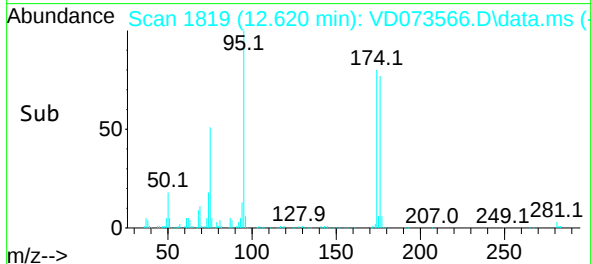
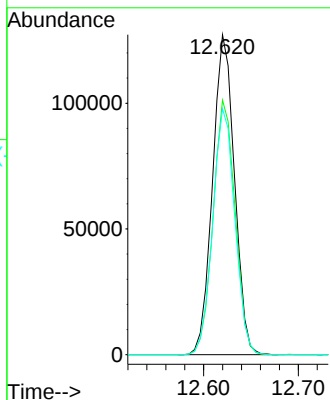
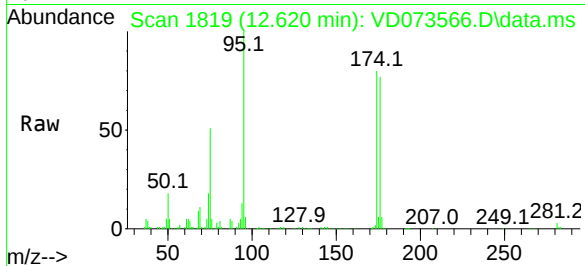




#62
4-Bromofluorobenzene
Concen: 66.814 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

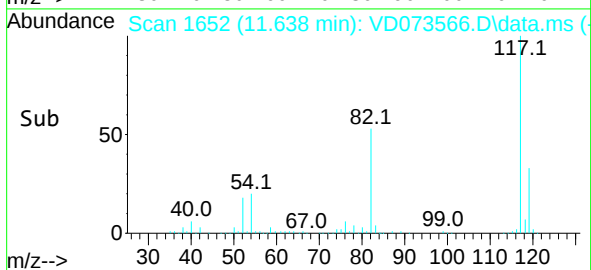
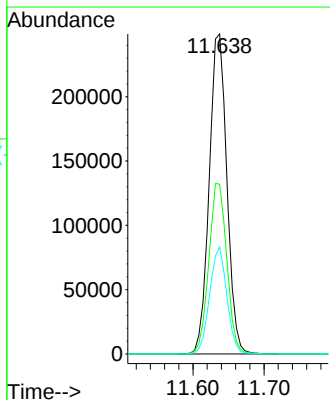
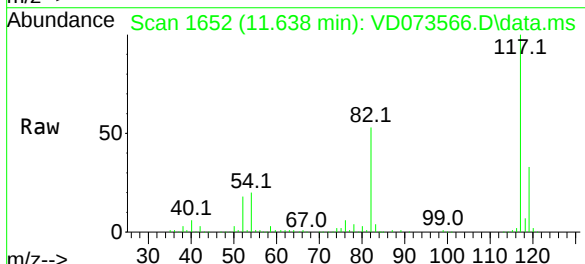
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

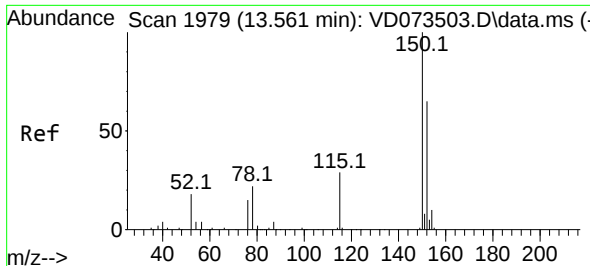
Tgt Ion: 95 Resp: 204214
Ion Ratio Lower Upper
95 100
174 80.0 0.0 152.8
176 77.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Tgt Ion: 117 Resp: 430103
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 33.5 26.6 40.0

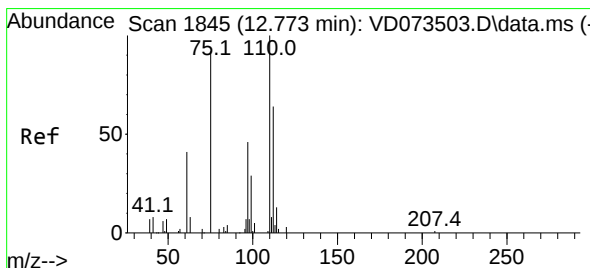
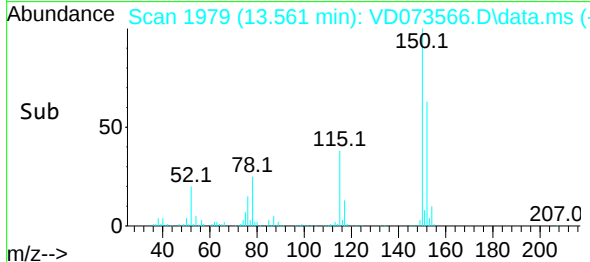
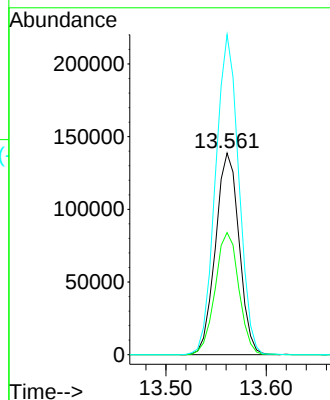
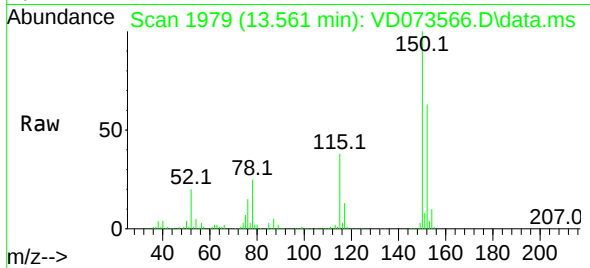




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

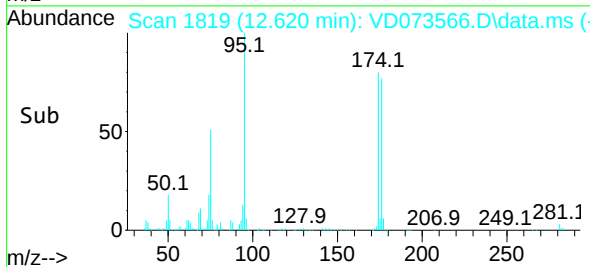
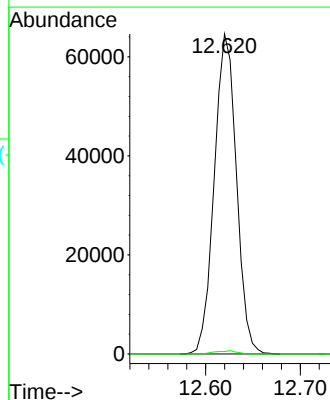
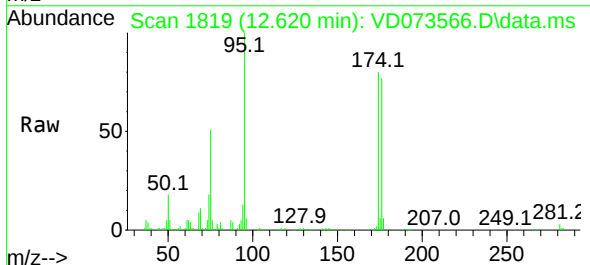
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

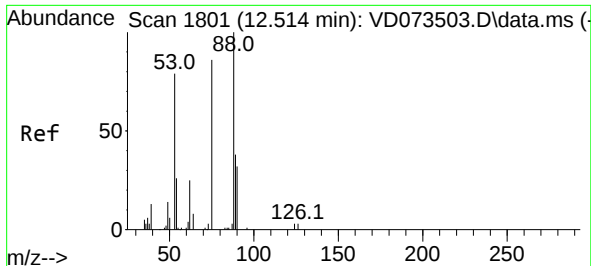
Tgt Ion:152 Resp: 226570
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 156.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.722 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Tgt Ion: 75 Resp: 105037
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

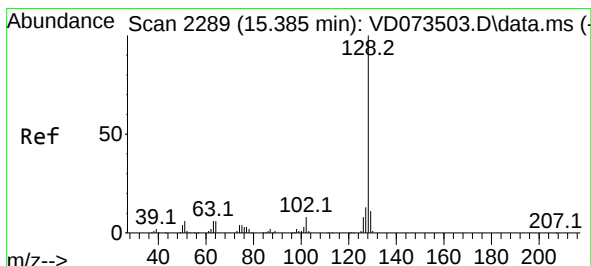
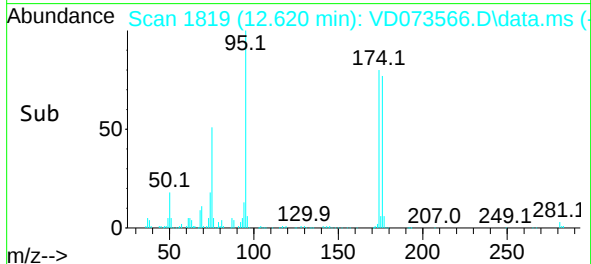
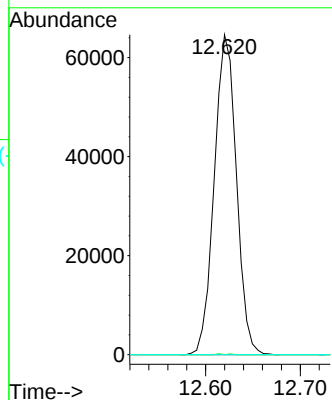
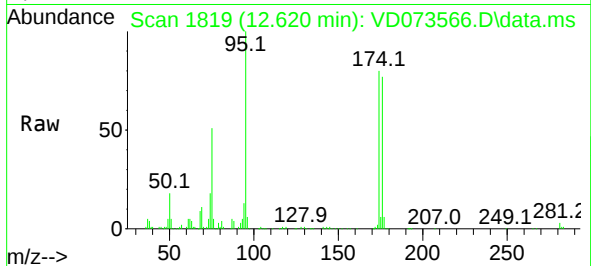




#81
trans-1,4-Dichloro-2-butene
Concen: 112.010 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

Tgt Ion: 75 Resp: 105037
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.234 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073566.D
Acq: 14 Jun 2022 13:36

Tgt Ion: 128 Resp: 274
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

