

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073554.D
 Acq On : 13 Jun 2022 19:09
 Operator : VA/SY
 Sample : N3327-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW-WMR-COMP-2

Quant Time: Jun 14 01:29:34 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)

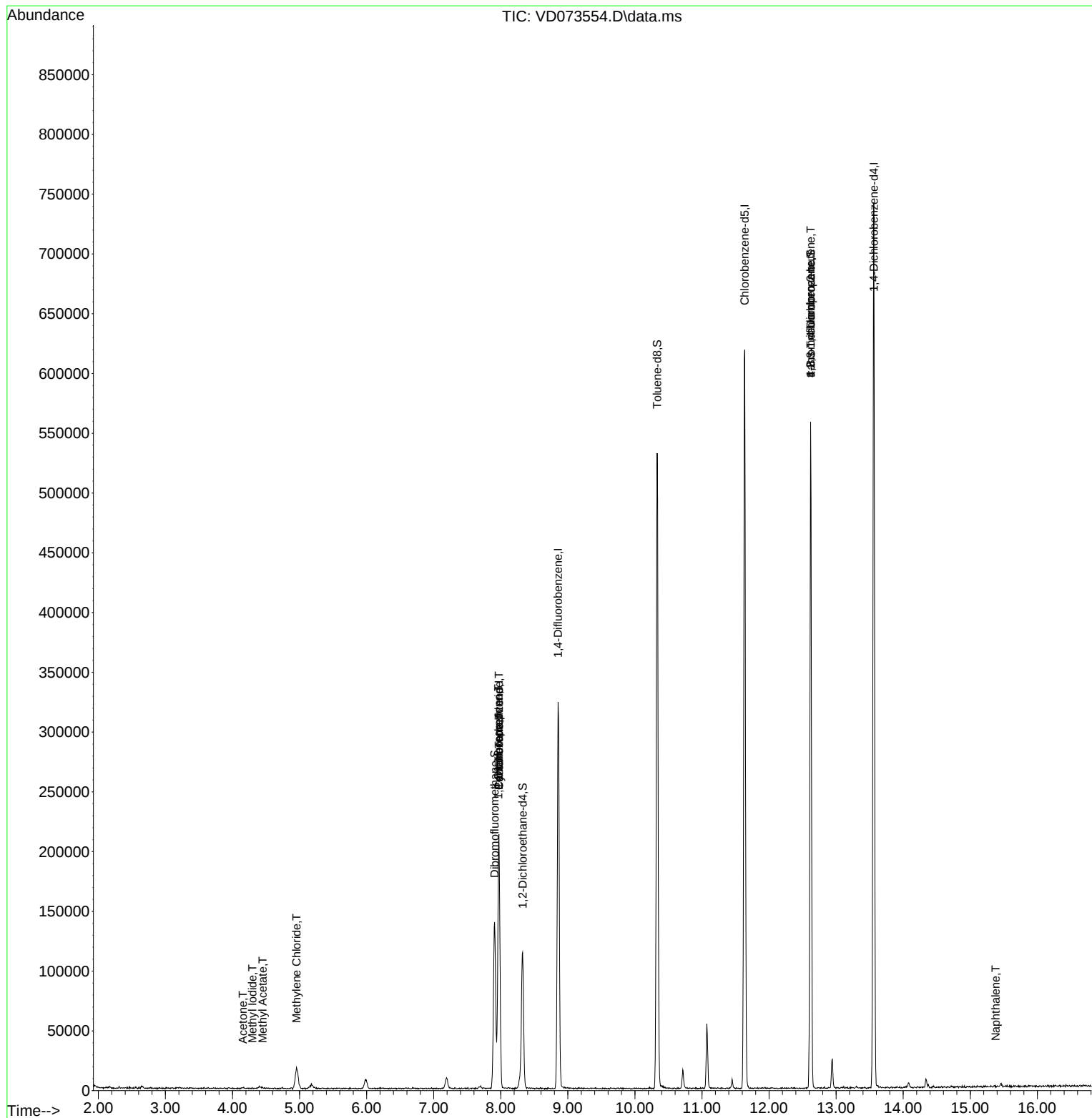
Internal Standards						
1) Pentafluorobenzene	7.973	168	154548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	281015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	368903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	199435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	94153	56.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.540%	
35) Dibromofluoromethane	7.908	113	101852	56.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.720%	
50) Toluene-d8	10.332	98	366106	53.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	12.620	95	174468	70.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 140.680%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	192	4.265	ug/l #	38
11) Tert butyl alcohol	5.179	59	3613	Below Cal	#	74
16) Acetone	4.156	43	1031	3.531	ug/l #	47
18) Methyl Acetate	4.450	43	136	1.530	ug/l #	55
20) Methylene Chloride	4.956	84	13640	4.480	ug/l #	74
31) Cyclohexane	7.973	56	3054	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	11754	4.331	ug/l #	49
38) Carbon Tetrachloride	7.973	117	16445	5.792	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	85427	44.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	85427	103.493	ug/l #	7
95) Naphthalene	15.379	128	119	4.219	ug/l #	70

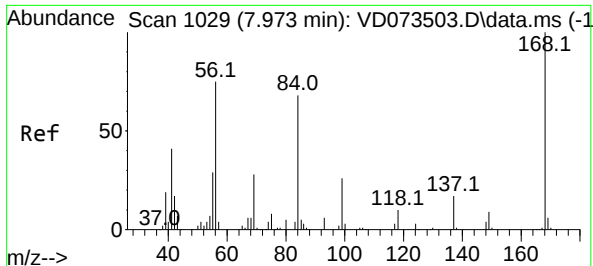
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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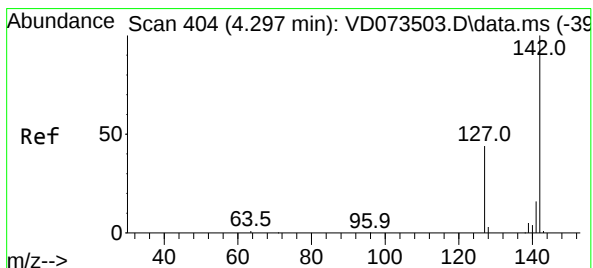
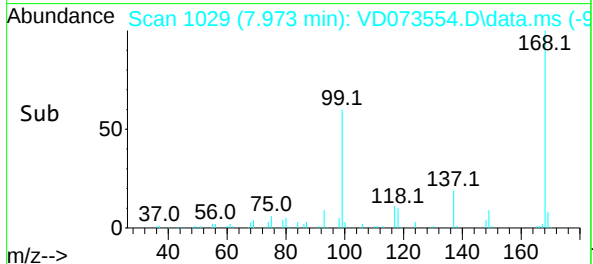
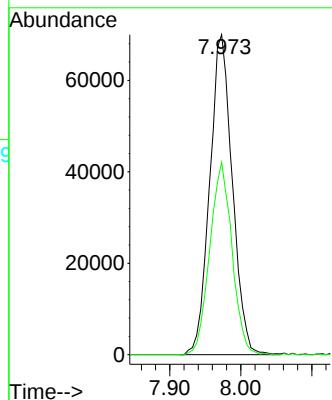
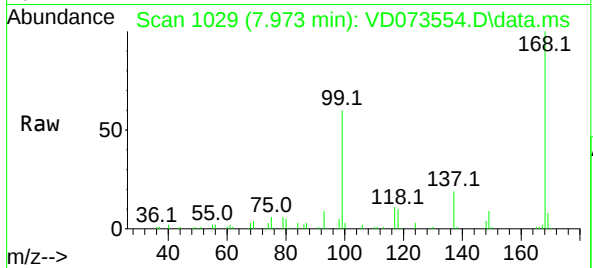




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

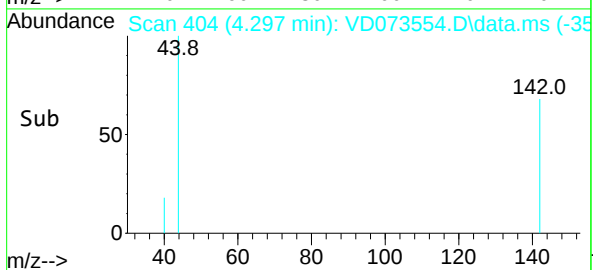
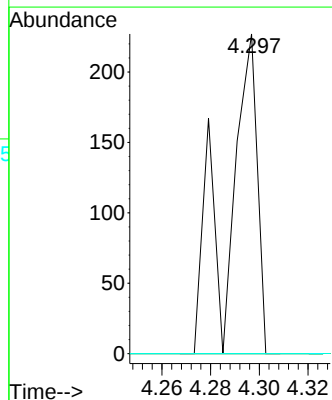
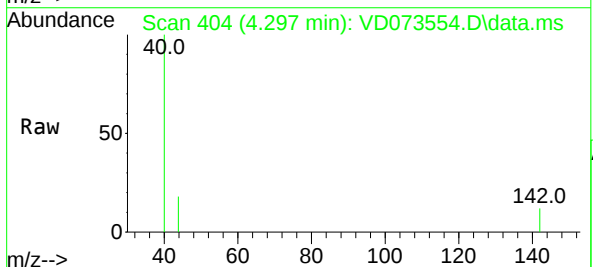
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-2

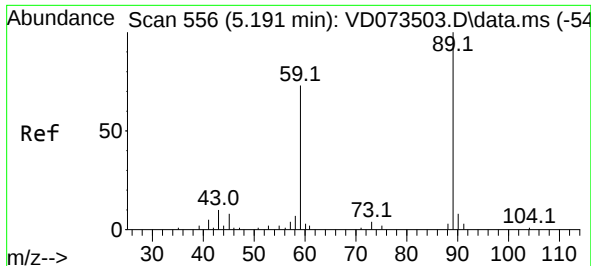
Tgt Ion:168 Resp: 154548
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#10
Methyl Iodide
Concen: 4.265 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

Tgt Ion:142 Resp: 192
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

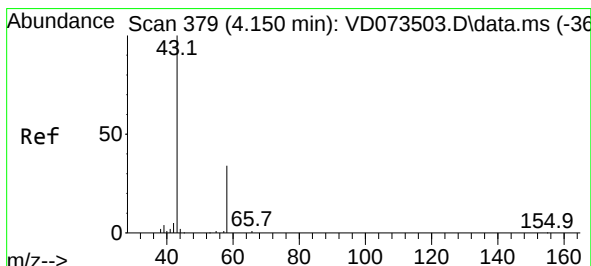
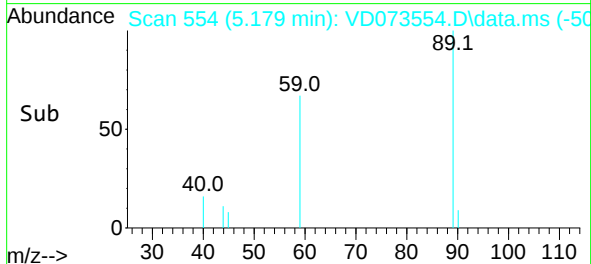
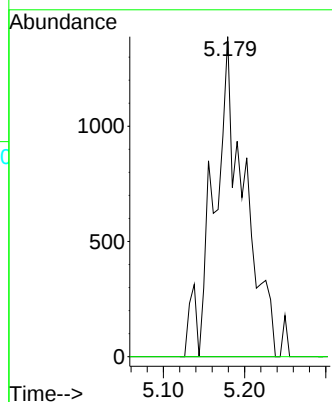
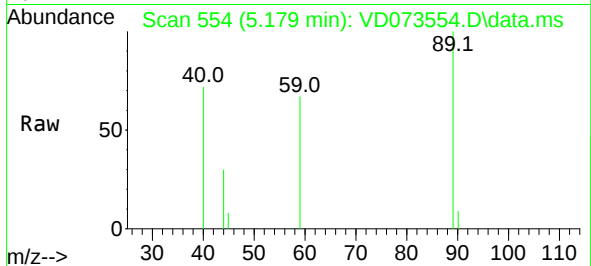




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

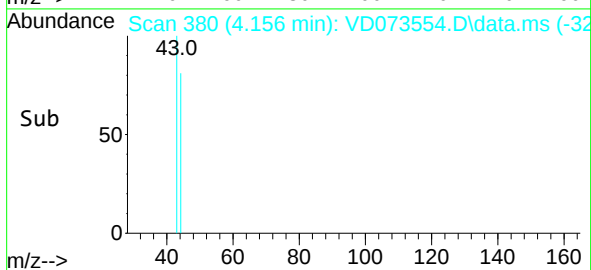
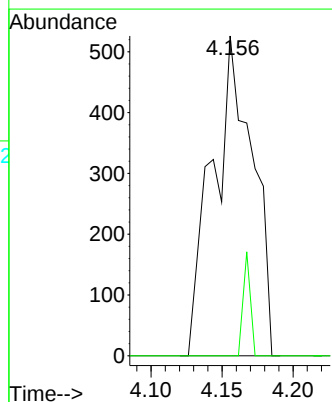
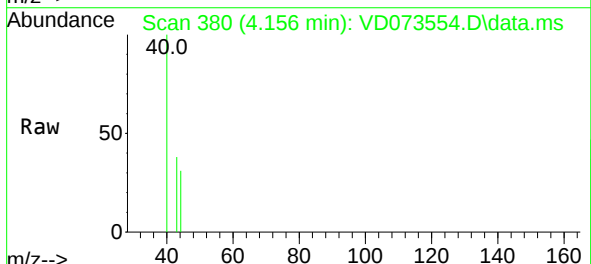
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-2

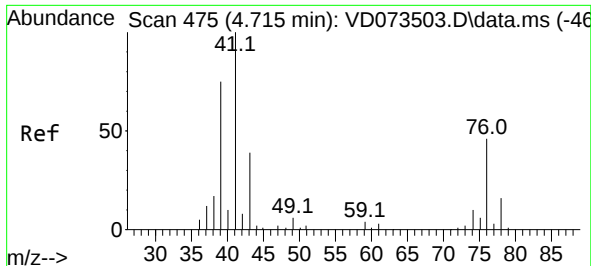
Tgt Ion: 59 Resp: 3613
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.531 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

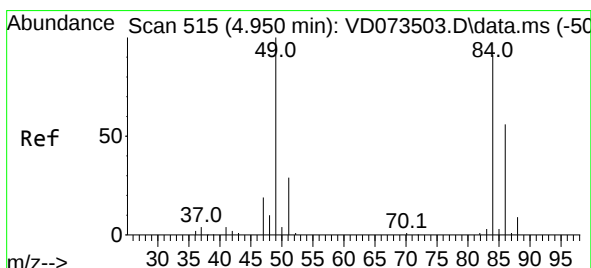
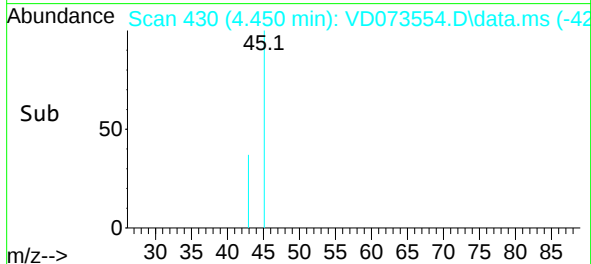
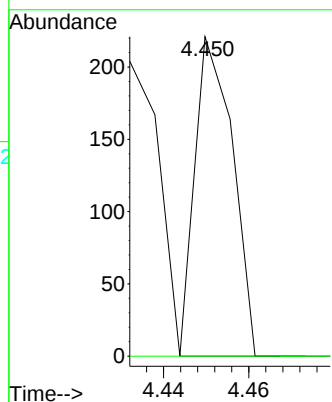
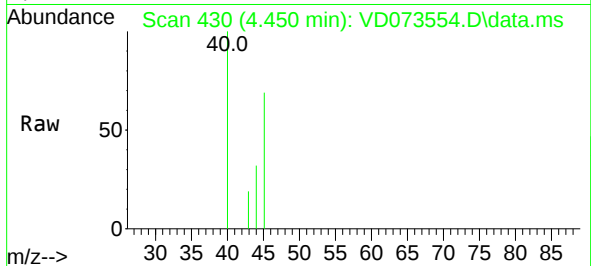




#18
Methyl Acetate
Concen: 1.530 ug/l
RT: 4.450 min Scan# 41
Delta R.T. -0.265 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

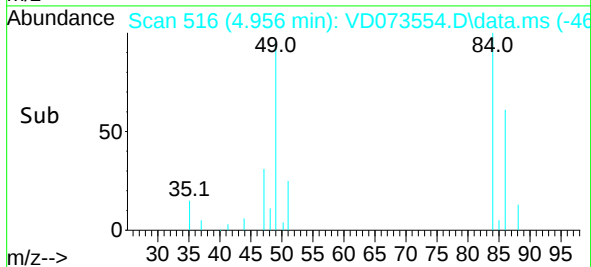
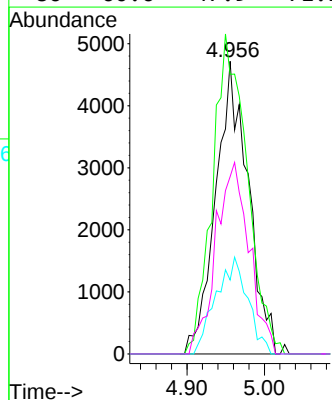
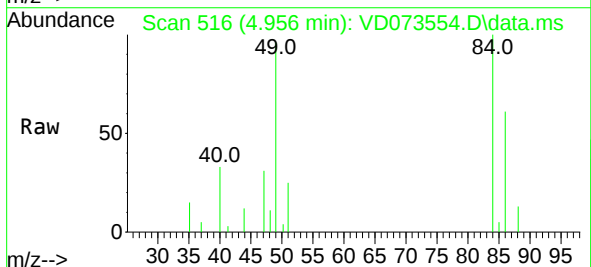
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-2

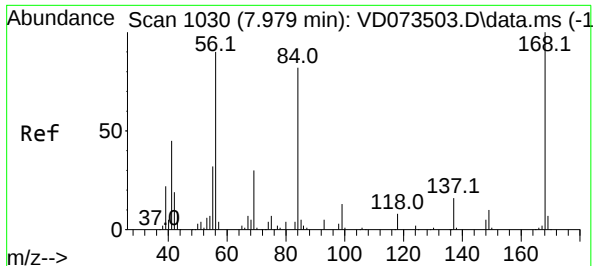
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 4.480 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

Tgt Ion: 84 Resp: 13640
Ion Ratio Lower Upper
84 100
49 95.6 112.8 169.2#
51 25.3 32.6 48.8#
86 60.6 47.9 71.9





#31

Cyclohexane

Concen: 1.093 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073554.D

Acq: 13 Jun 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-2

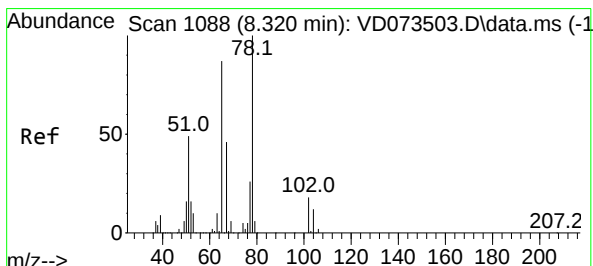
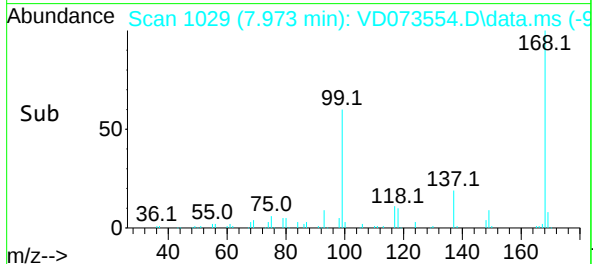
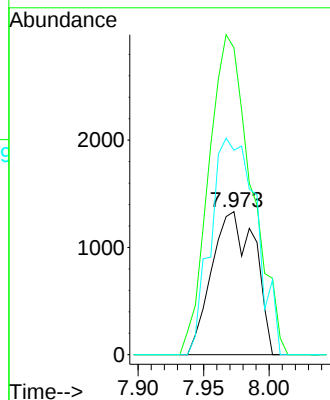
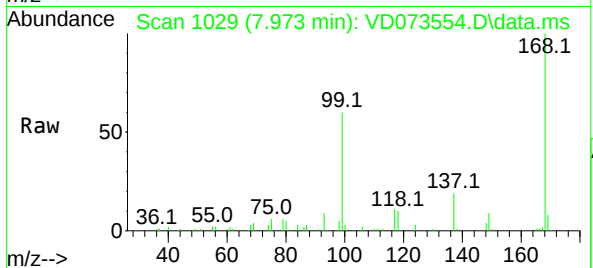
Tgt Ion: 56 Resp: 3054

Ion Ratio Lower Upper

56 100

69 214.5 25.4 38.2#

84 142.9 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 56.770 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073554.D

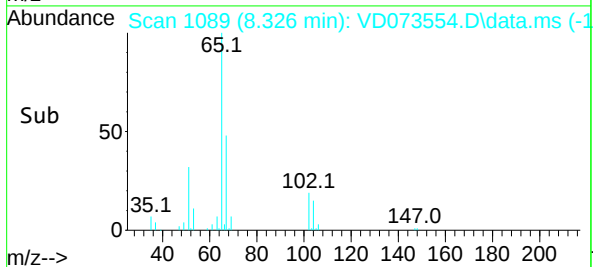
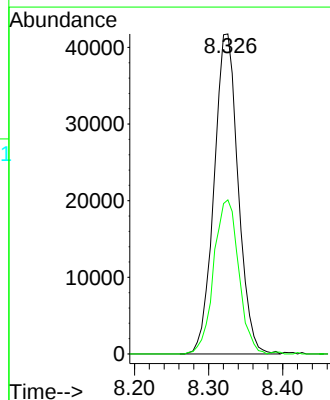
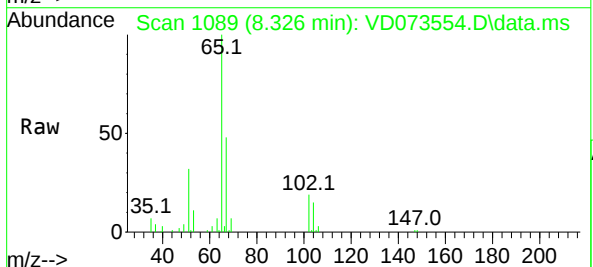
Acq: 13 Jun 2022 19:09

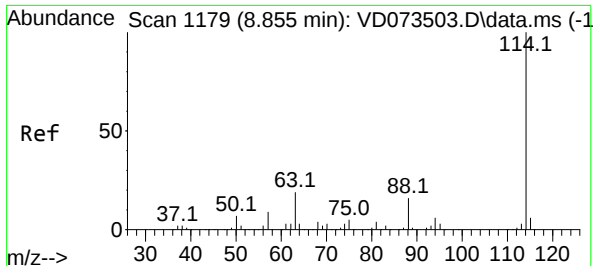
Tgt Ion: 65 Resp: 94153

Ion Ratio Lower Upper

65 100

67 49.9 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: VD073554.D

Acq: 13 Jun 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-2

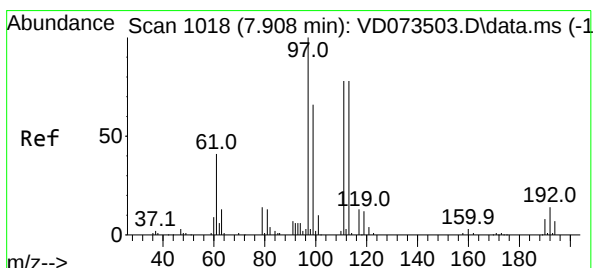
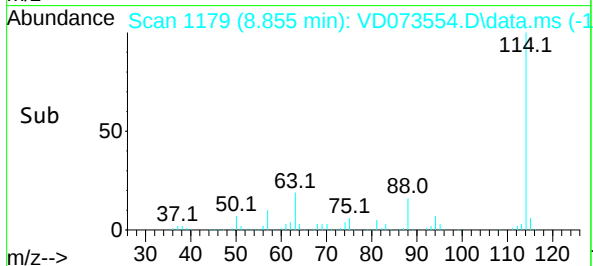
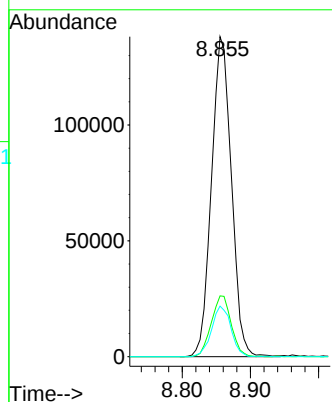
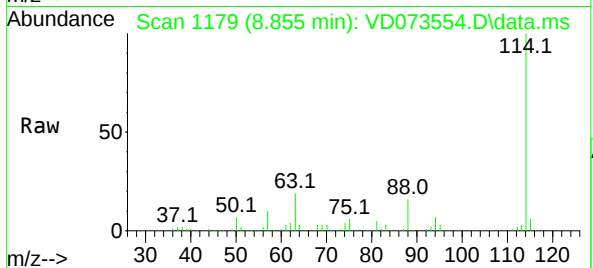
Tgt Ion:114 Resp: 281015

Ion Ratio Lower Upper

114 100

63 19.0 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.364 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073554.D

Acq: 13 Jun 2022 19:09

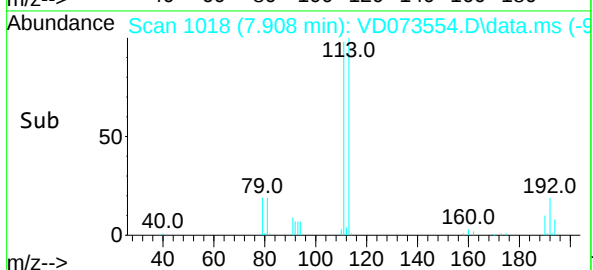
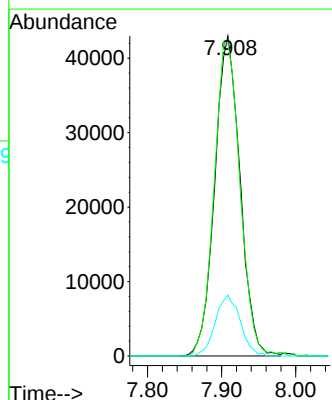
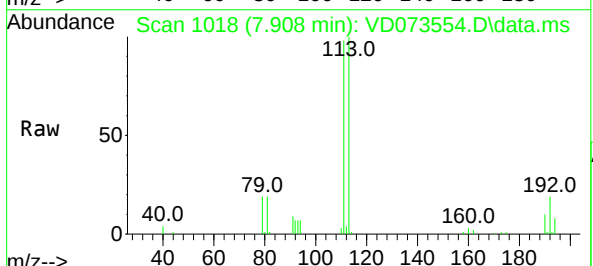
Tgt Ion:113 Resp: 101852

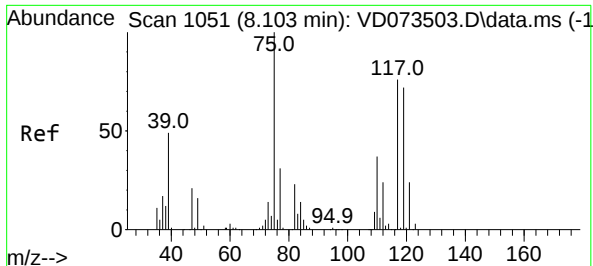
Ion Ratio Lower Upper

113 100

111 100.7 83.8 125.6

192 18.7 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.331 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073554.D

Acq: 13 Jun 2022 19:09

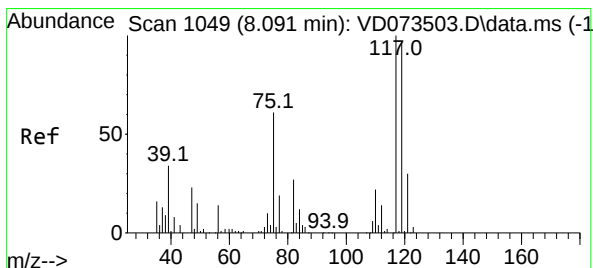
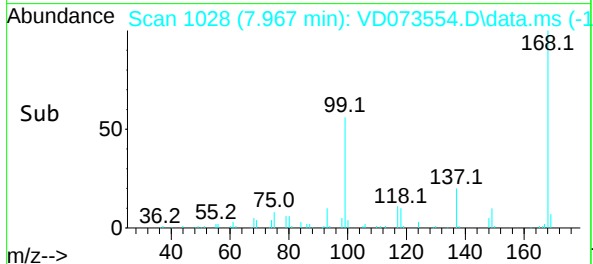
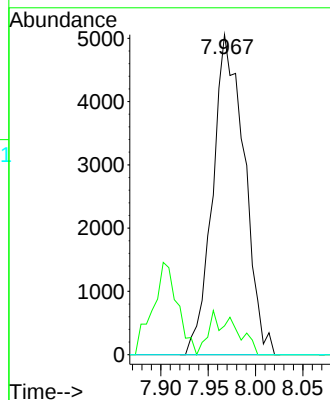
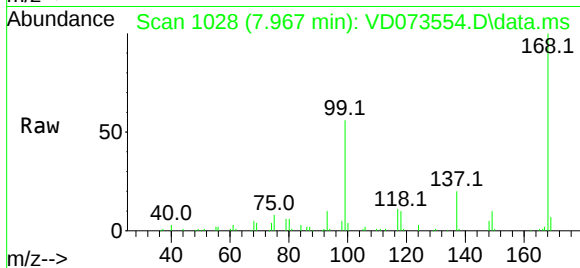
Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-2

Tgt Ion:	75	Resp:	11754
Ion	Ratio	Lower	Upper
75	100		
110	6.0	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.792 ug/l

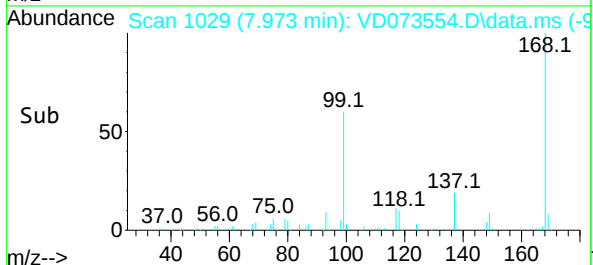
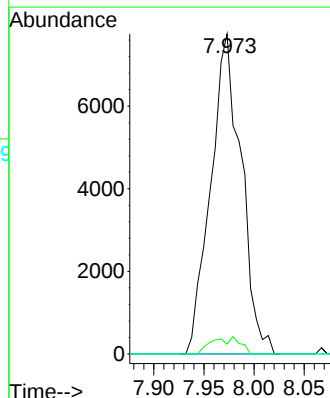
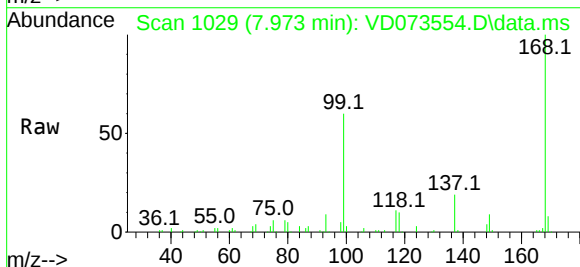
RT: 7.973 min Scan# 1029

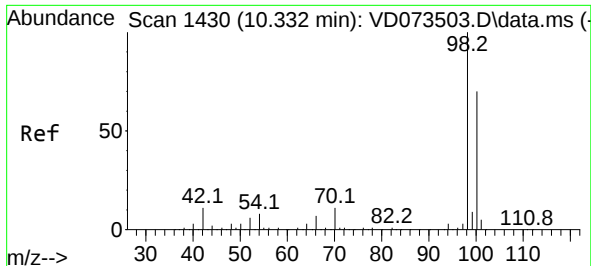
Delta R.T. -0.118 min

Lab File: VD073554.D

Acq: 13 Jun 2022 19:09

Tgt Ion:	117	Resp:	16445
Ion	Ratio	Lower	Upper
117	100		
119	3.1	75.8	113.6#
121	0.0	24.5	36.7#

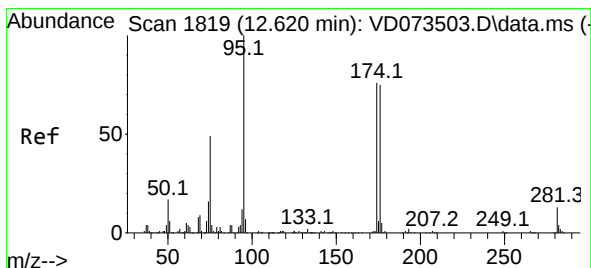
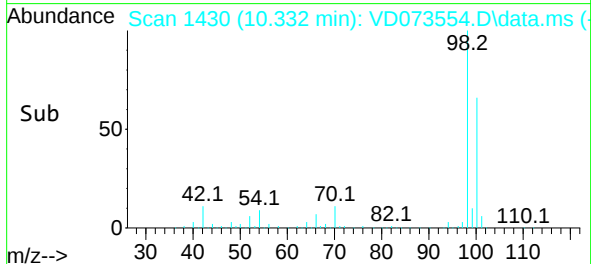
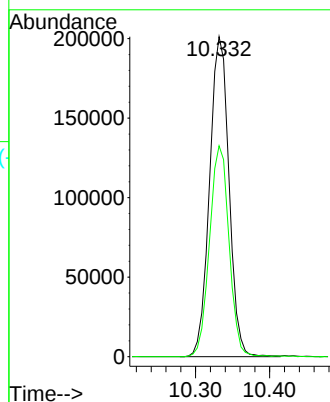
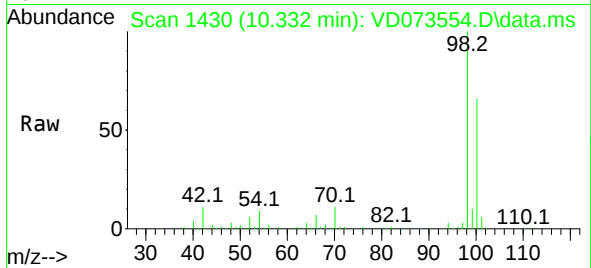




#50
Toluene-d8
Concen: 53.585 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

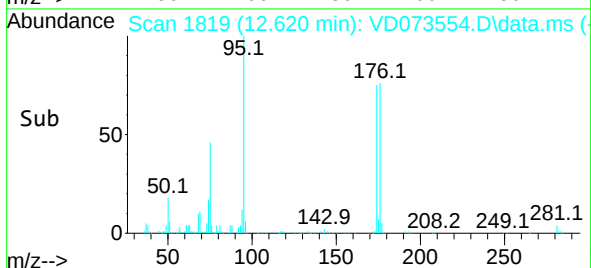
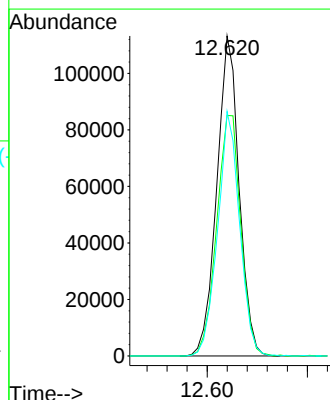
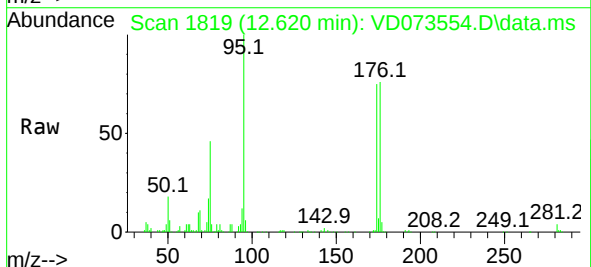
Instrument :
MSVOA_D
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EW-WMR-COMP-2

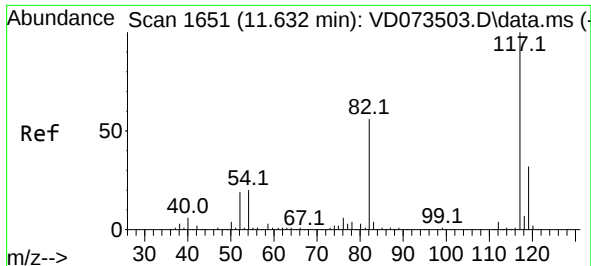
Tgt Ion: 98 Resp: 366106
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 70.342 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

Tgt Ion: 95 Resp: 174468
Ion Ratio Lower Upper
95 100
174 81.3 0.0 152.8
176 75.2 0.0 145.4

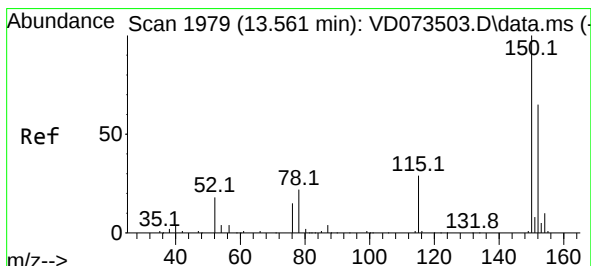
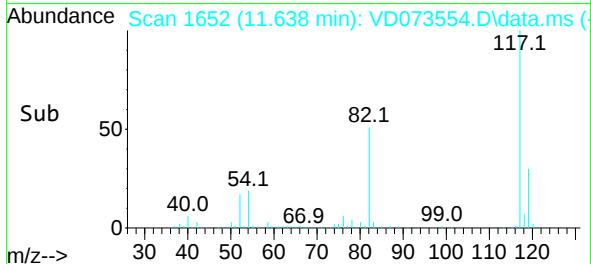
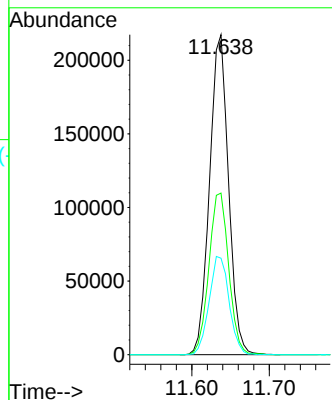
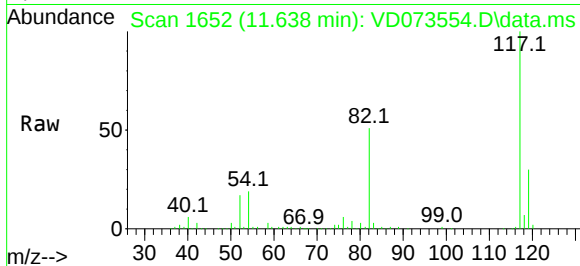




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

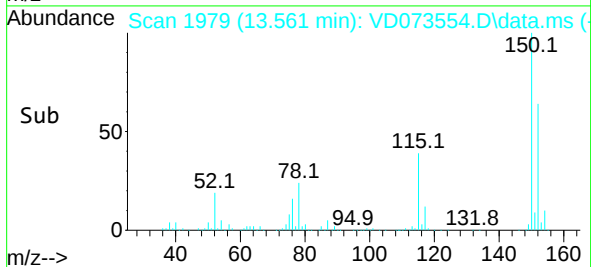
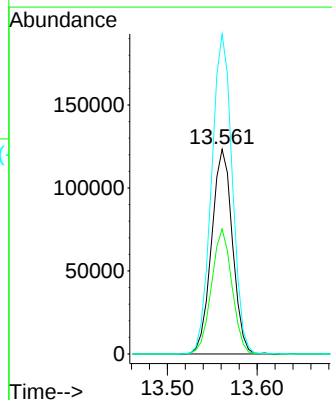
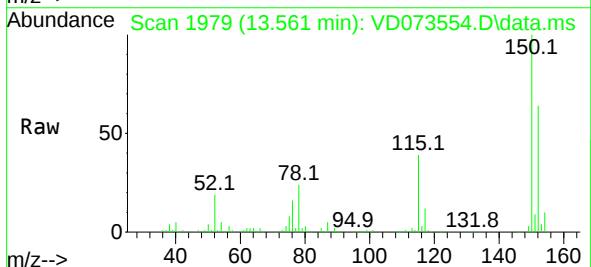
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-2

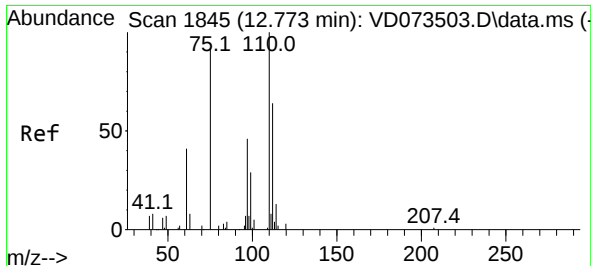
Tgt Ion:117 Resp: 368903
Ion Ratio Lower Upper
117 100
82 50.5 45.3 67.9
119 30.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

Tgt Ion:152 Resp: 199435
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 155.1 0.0 348.6

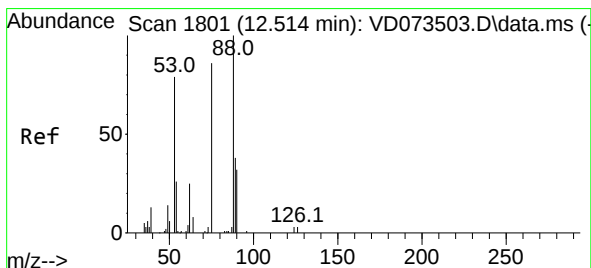
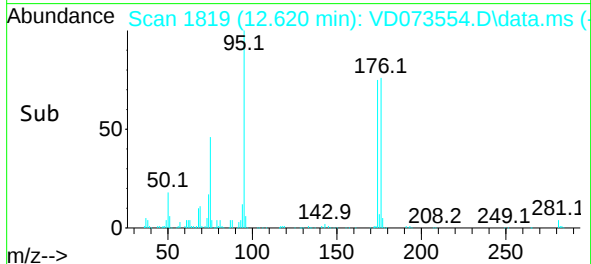
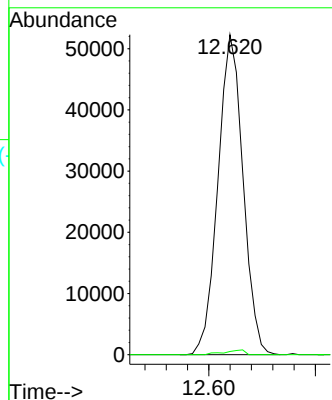
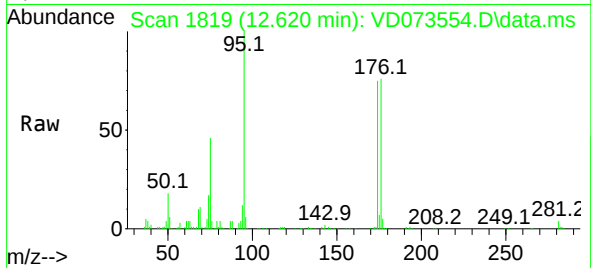




#76
1,2,3-Trichloropropane
Concen: 44.093 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

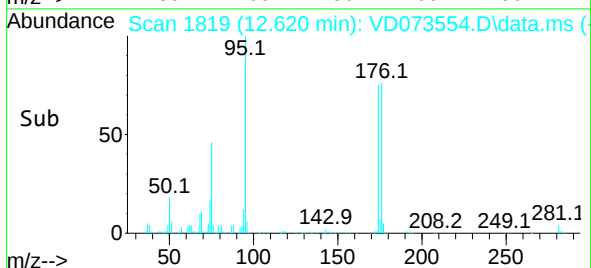
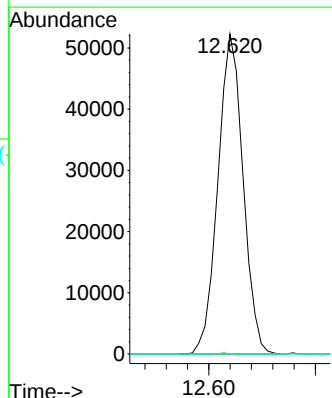
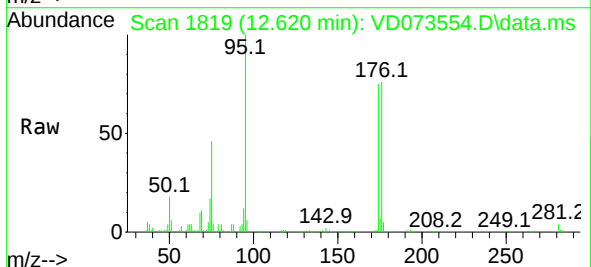
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-2

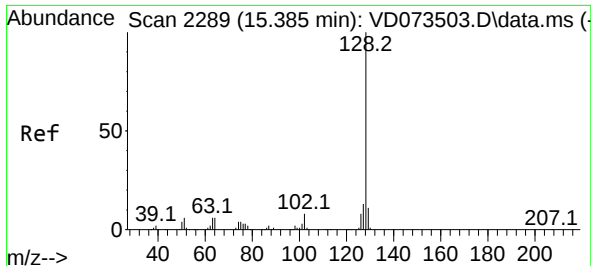
Tgt Ion: 75 Resp: 85427
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.493 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073554.D
Acq: 13 Jun 2022 19:09

Tgt Ion: 75 Resp: 85427
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 4.219 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073554.D

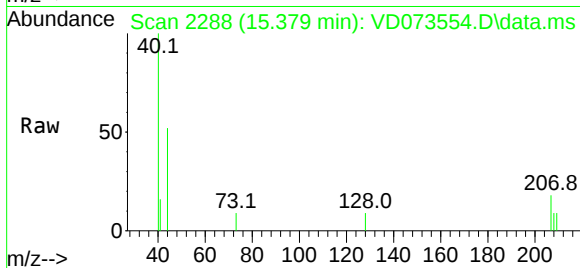
Acq: 13 Jun 2022 19:09

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-2



Tgt Ion:	128	Resp:	119
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

