

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073555.D
 Acq On : 13 Jun 2022 19:39
 Operator : VA/SY
 Sample : N3327-05
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 14 01:29:43 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)

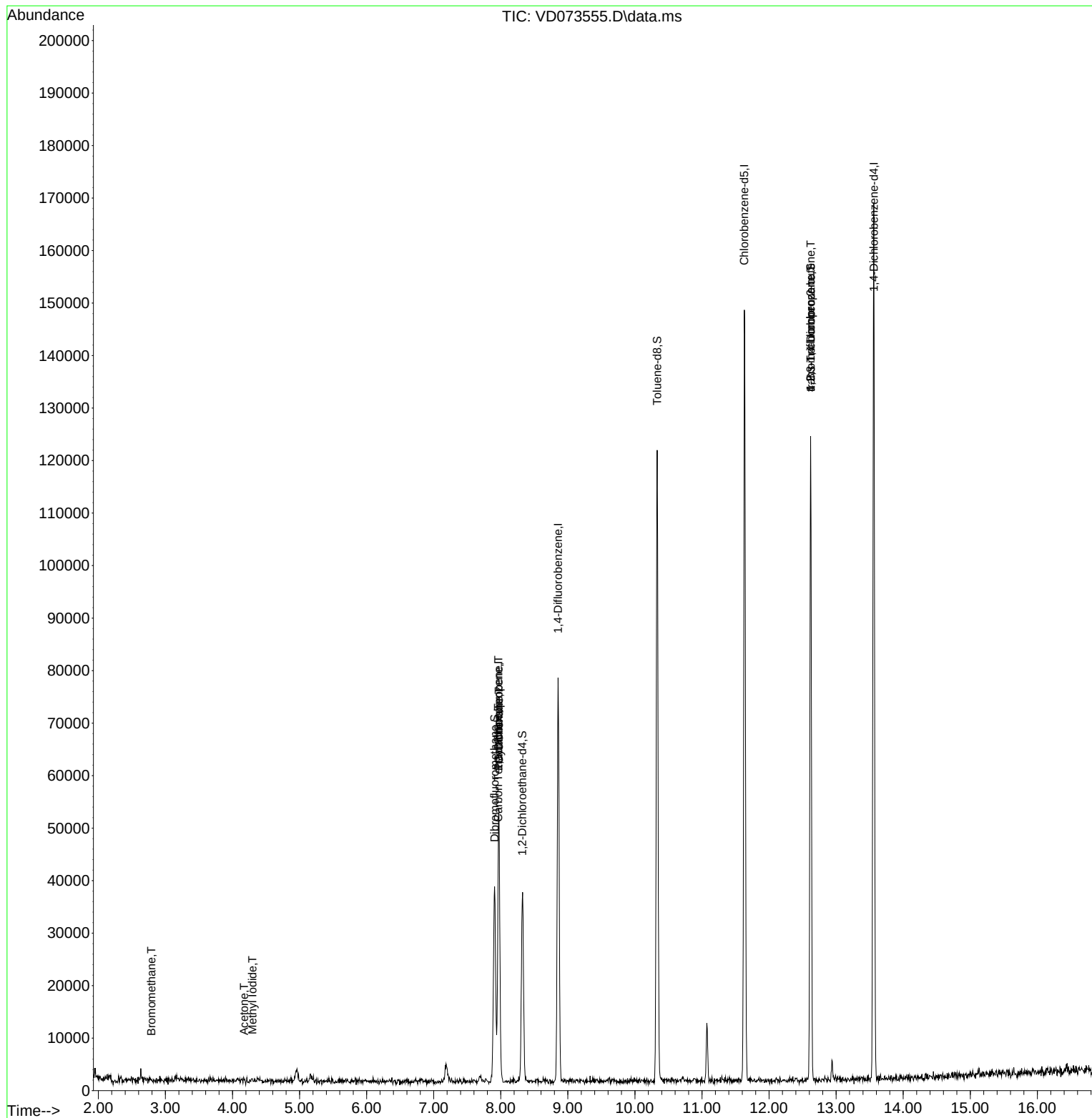
Internal Standards						
1) Pentafluorobenzene	7.967	168	37531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	64089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	87793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	45573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	29626	73.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.120%	
35) Dibromofluoromethane	7.908	113	27343	66.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.700%	
50) Toluene-d8	10.332	98	85064	54.592	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.180%	
62) 4-Bromofluorobenzene	12.620	95	39868	70.481	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 140.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.791	94	351	1.423	ug/l #	1
10) Methyl Iodide	4.297	142	54	4.280	ug/l #	38
11) Tert butyl alcohol	5.185	59	270	Below Cal	#	74
16) Acetone	4.173	43	330	4.653	ug/l #	47
20) Methylene Chloride	4.956	84	1101	Below Cal	#	86
31) Cyclohexane	7.973	56	902	1.329	ug/l #	37
36) 1,1-Dichloropropene	7.967	75	2959	4.781	ug/l #	49
38) Carbon Tetrachloride	7.961	117	2061	3.183	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	20854	47.104	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	20854	110.560	ug/l #	7

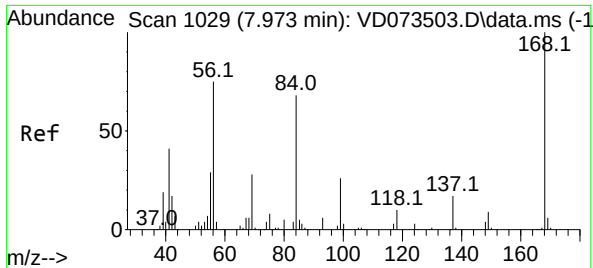
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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EW-WMR-COMP-3

Quant Time: Jun 14 01:29:43 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

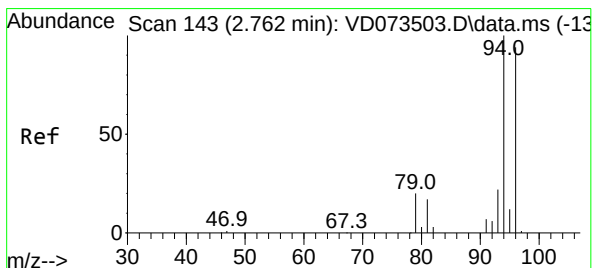
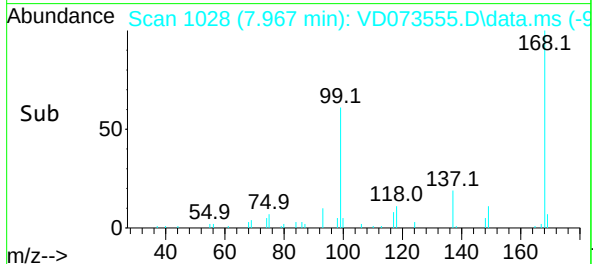
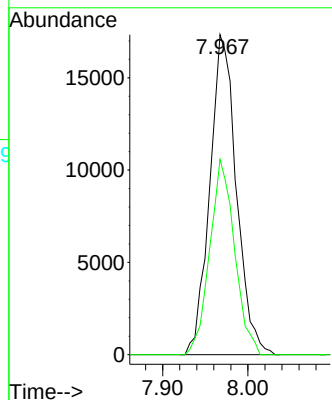
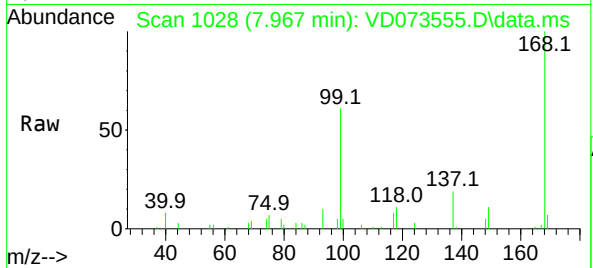




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

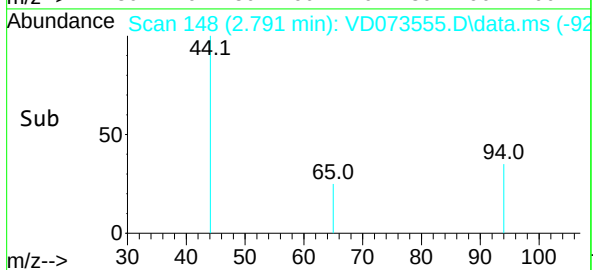
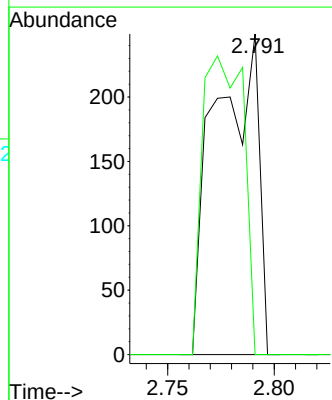
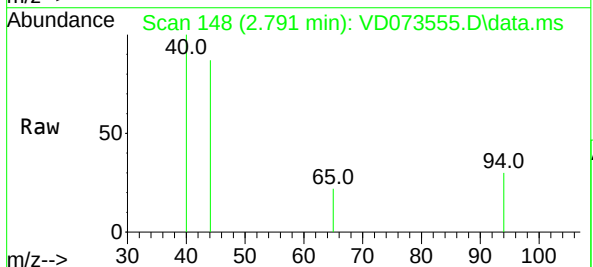
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

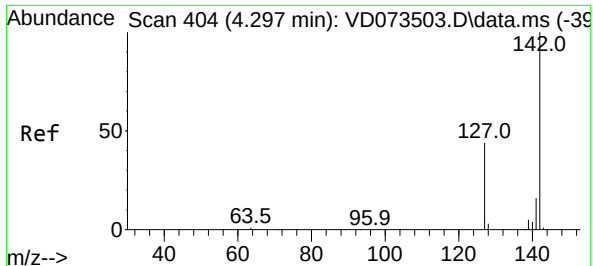
Tgt Ion:168 Resp: 37531
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#5
Bromomethane
Concen: 1.423 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.029 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

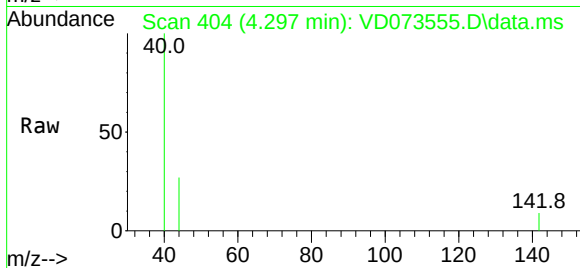
Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#



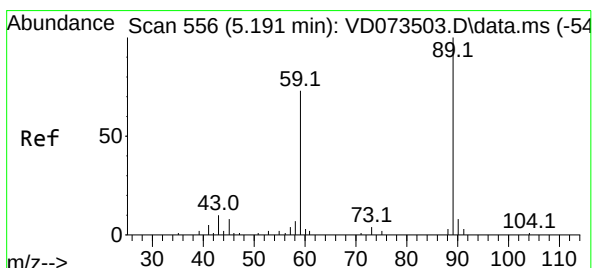
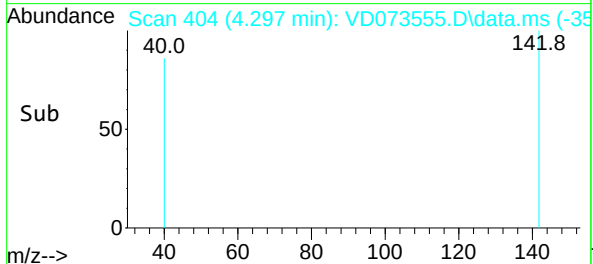
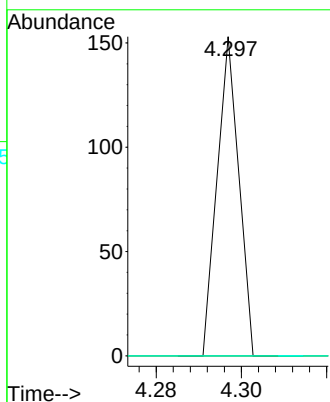


#10
Methyl Iodide
Concen: 4.280 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

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

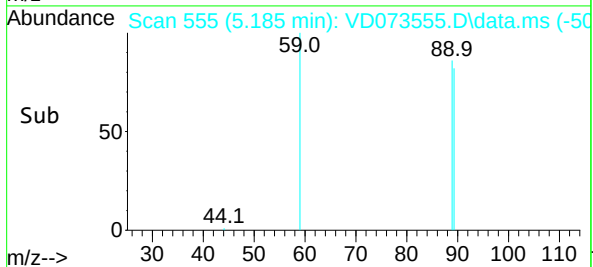
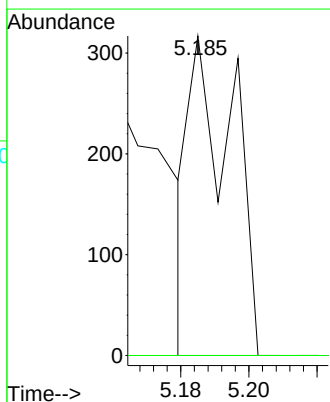
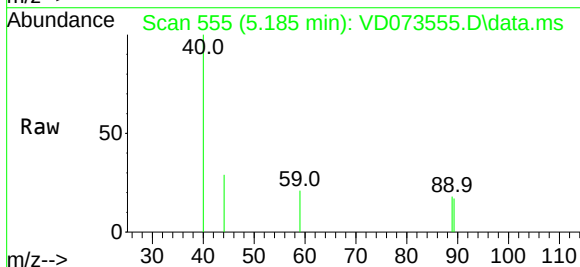


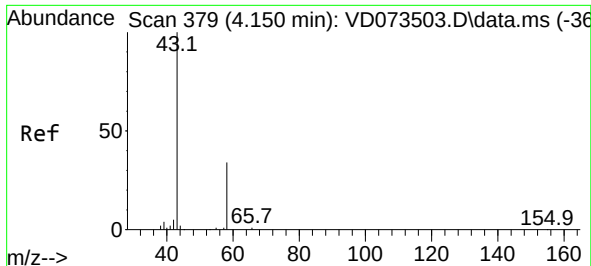
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.006 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

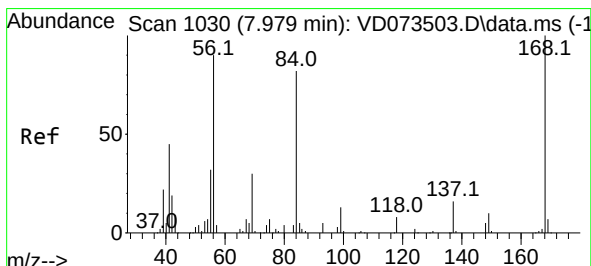
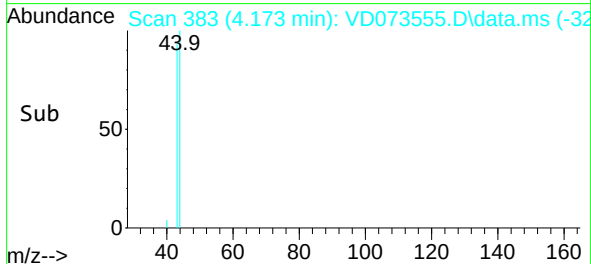
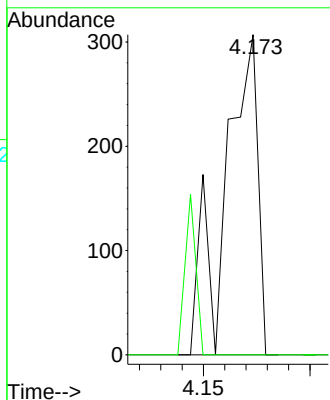
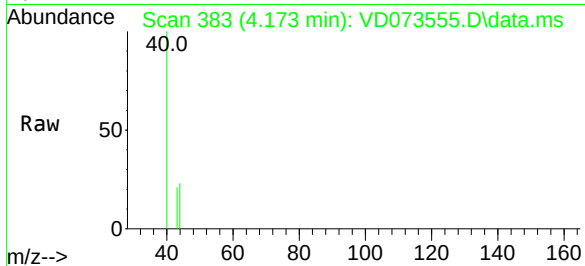




#16
Acetone
Concen: 4.653 ug/l
RT: 4.173 min Scan# 31
Delta R.T. 0.023 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

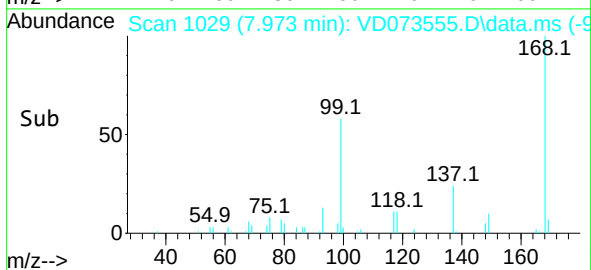
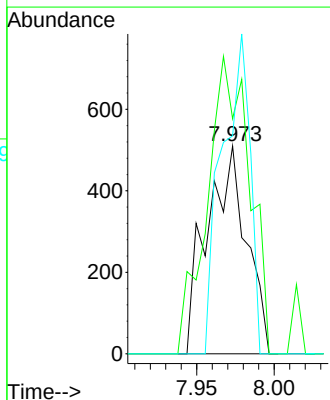
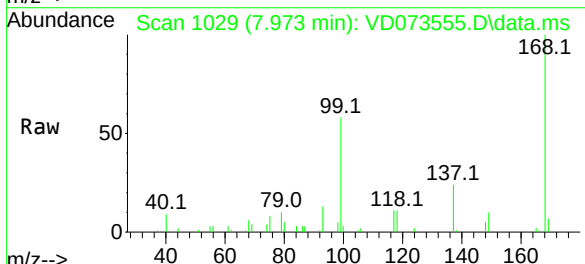
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

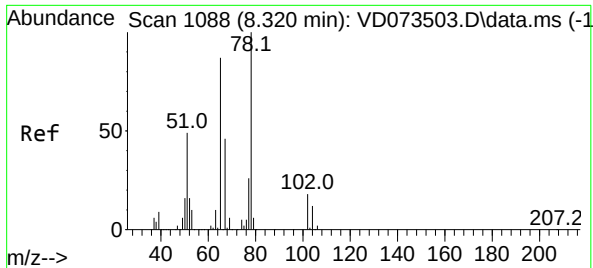
Tgt Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

Tgt Ion: 56 Resp: 902
Ion Ratio Lower Upper
56 100
69 113.1 25.4 38.2#
84 104.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 73.558 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073555.D

Acq: 13 Jun 2022 19:39

Instrument :

MSVOA_D

ClientSampleId :

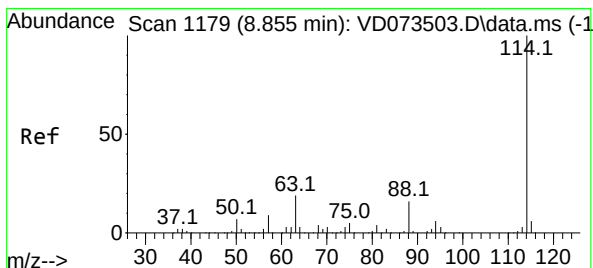
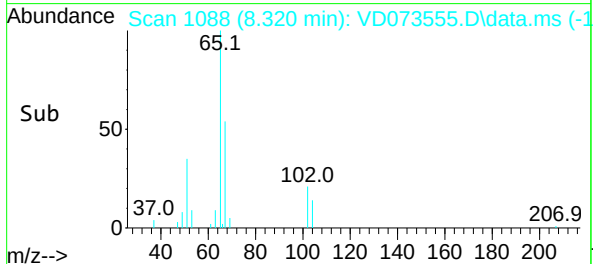
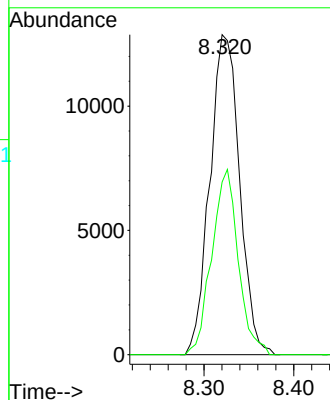
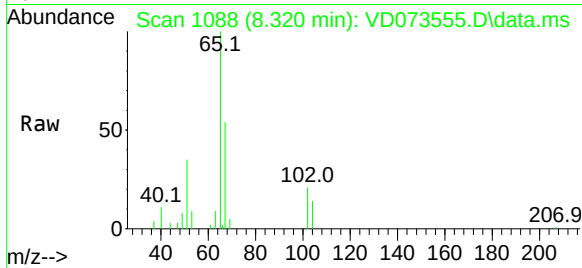
EW-WMR-COMP-3

Tgt Ion: 65 Resp: 29626

Ion Ratio Lower Upper

65 100

67 51.7 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: VD073555.D

Acq: 13 Jun 2022 19:39

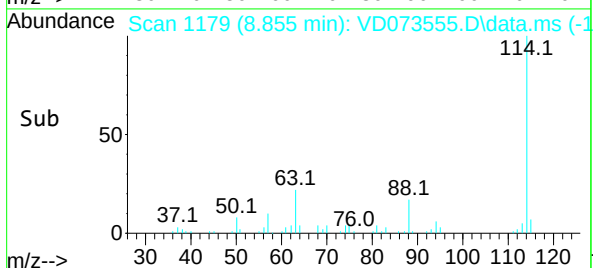
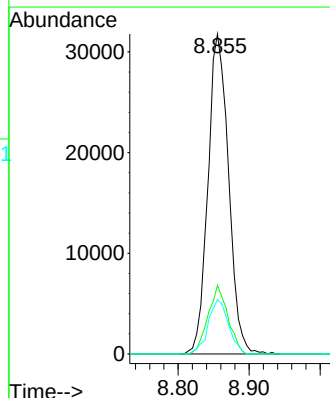
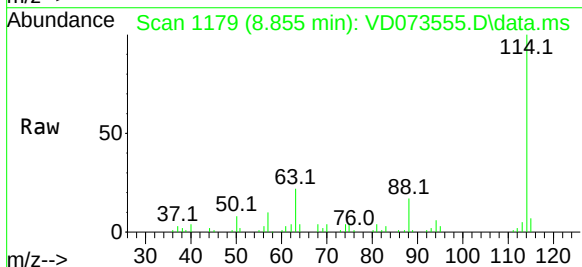
Tgt Ion: 114 Resp: 64089

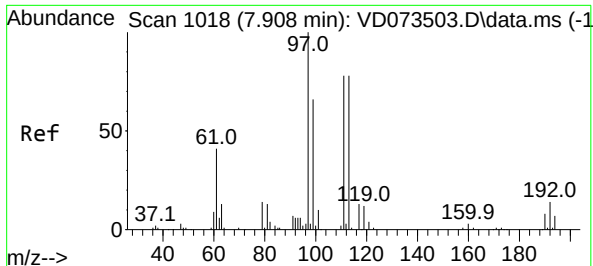
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 66.348 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073555.D

Acq: 13 Jun 2022 19:39

Instrument :

MSVOA_D

ClientSampleId :

EW-WMR-COMP-3

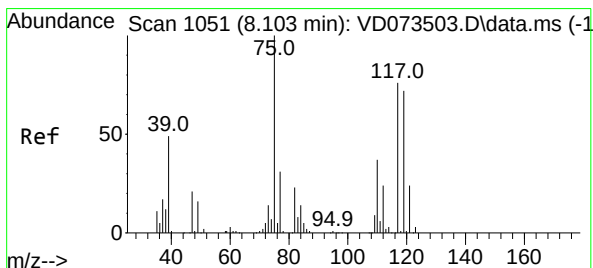
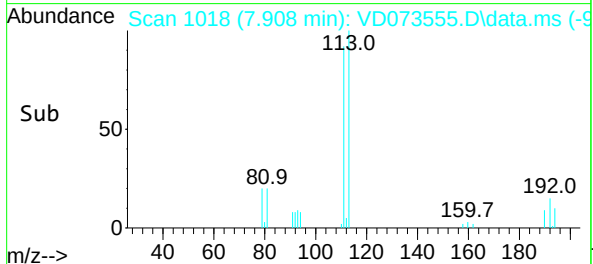
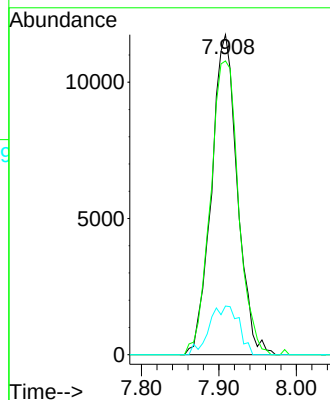
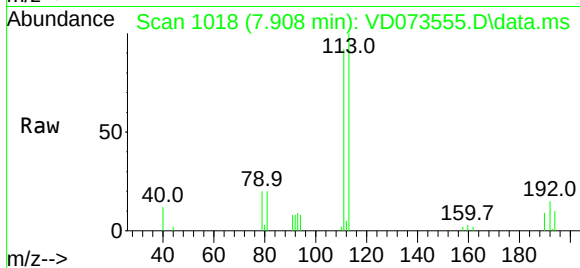
Tgt Ion:113 Resp: 27343

Ion Ratio Lower Upper

113 100

111 99.4 83.8 125.6

192 17.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073555.D

Acq: 13 Jun 2022 19:39

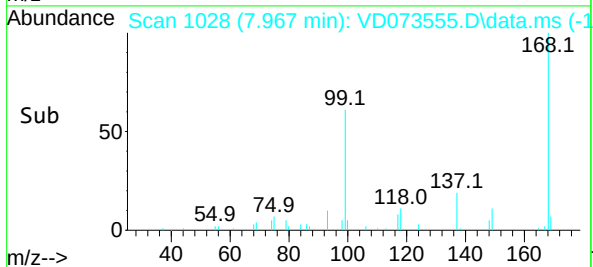
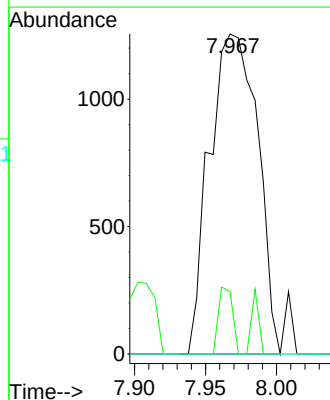
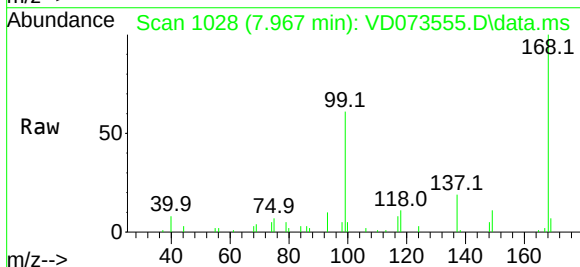
Tgt Ion: 75 Resp: 2959

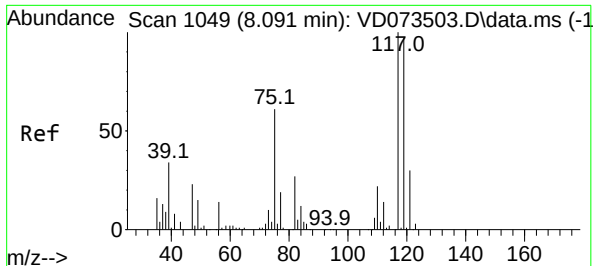
Ion Ratio Lower Upper

75 100

110 6.0 16.4 49.1#

77 0.0 24.2 36.2#

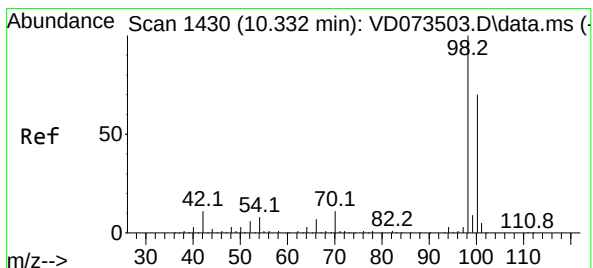
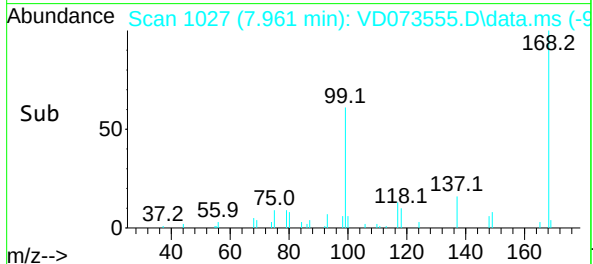
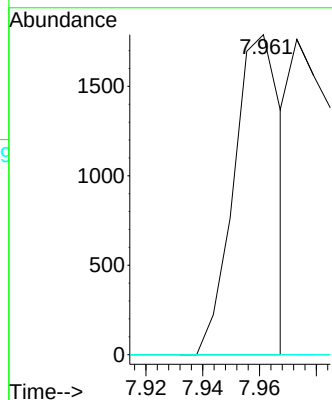
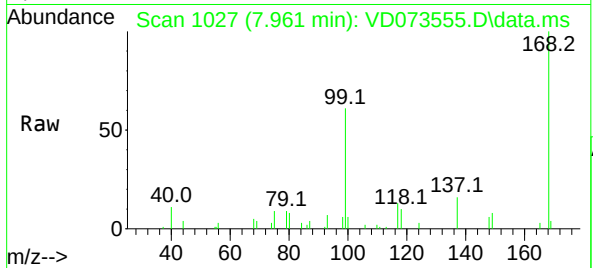




#38
Carbon Tetrachloride
Concen: 3.183 ug/l
RT: 7.961 min Scan# 1049
Delta R.T. -0.130 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

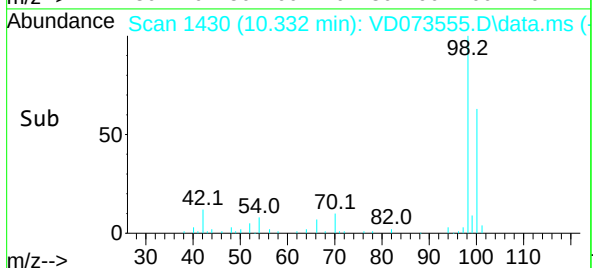
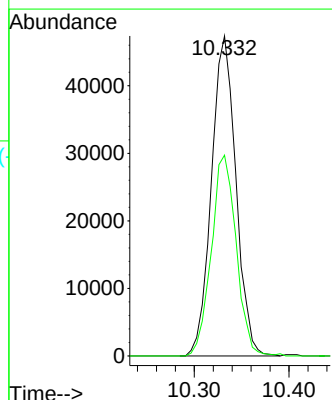
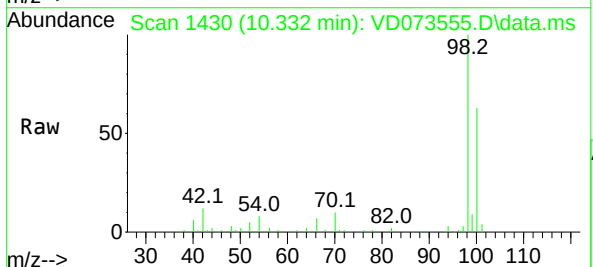
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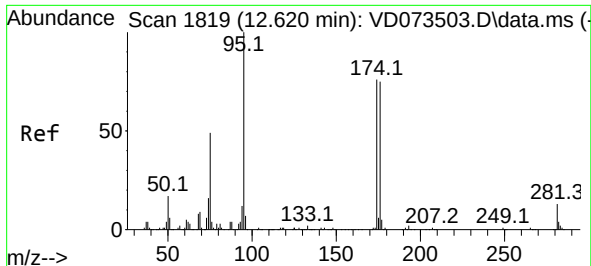
Tgt Ion:117 Resp: 2061
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 54.592 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

Tgt Ion: 98 Resp: 85064
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6

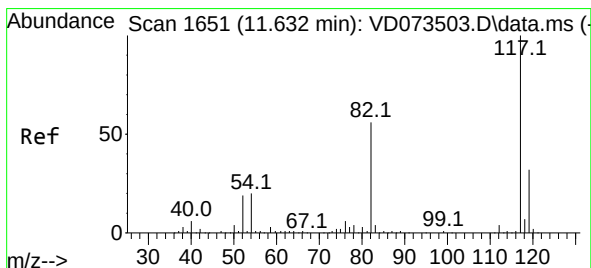
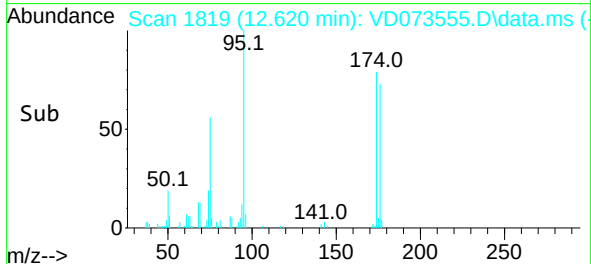
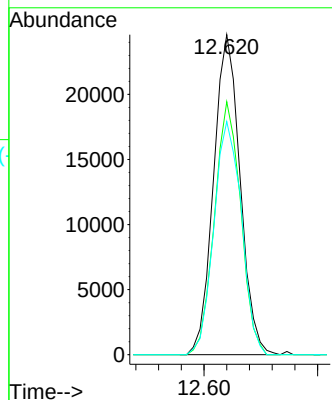
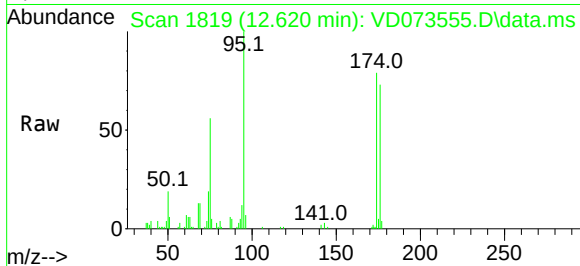




#62
4-Bromofluorobenzene
Concen: 70.481 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

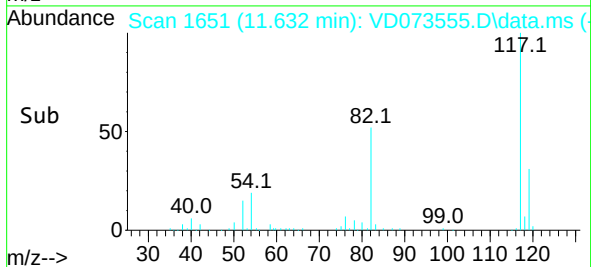
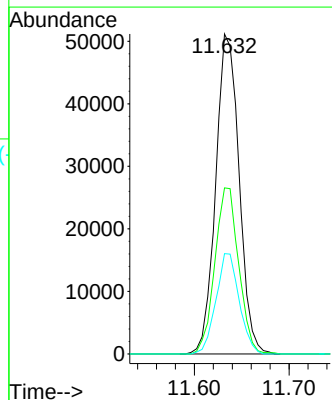
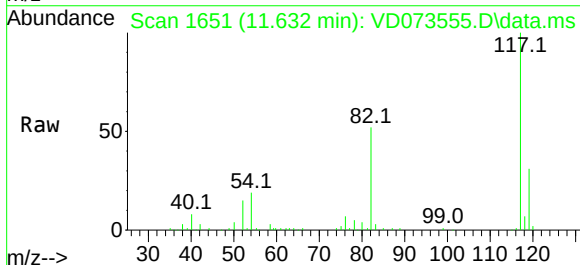
Instrument :
MSVOA_D
ClientSampleId :
EW-WMR-COMP-3

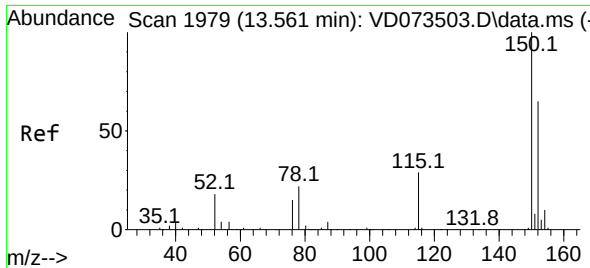
Tgt Ion:	95	Resp:	39868
Ion Ratio	Lower	Upper	
95	100		
174	78.2	0.0	152.8
176	75.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073555.D
Acq: 13 Jun 2022 19:39

Tgt Ion:	117	Resp:	87793
Ion Ratio	Lower	Upper	
117	100		
82	51.9	45.3	67.9
119	31.4	26.6	40.0

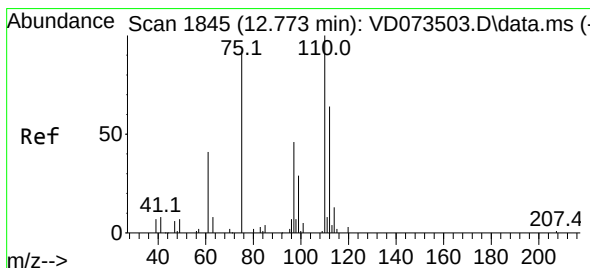
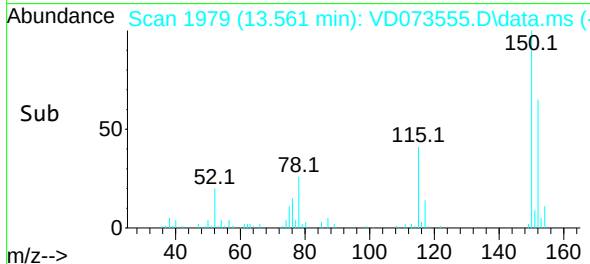
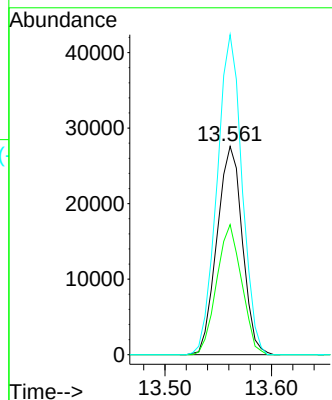
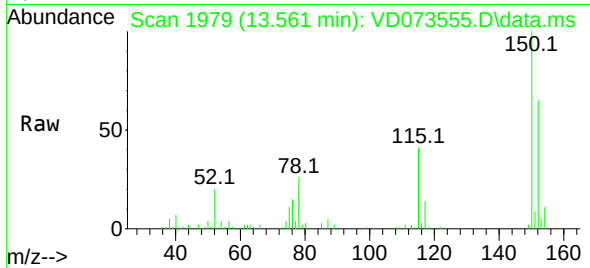




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073555.D
 Acq: 13 Jun 2022 19:39

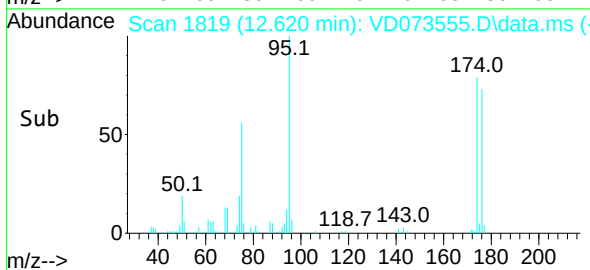
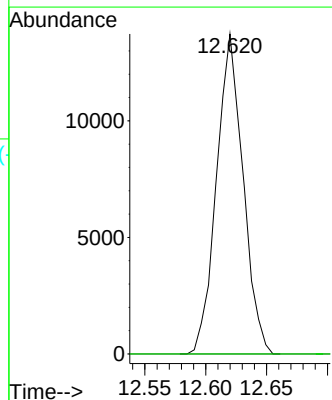
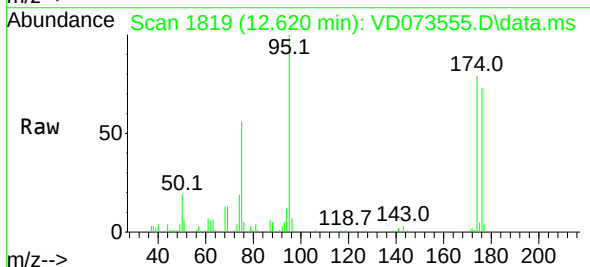
Instrument :
 MSVOA_D
 ClientSampleId :
 EW-WMR-COMP-3

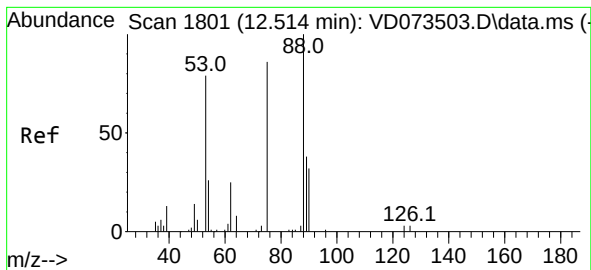
Tgt Ion:152 Resp: 45573
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.3 93.8
 150 151.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.104 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073555.D
 Acq: 13 Jun 2022 19:39

Tgt Ion: 75 Resp: 20854
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.560 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073555.D
 Acq: 13 Jun 2022 19:39

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

Tgt Ion: 75 Resp: 20854
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

