

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073458.D
 Acq On : 01 Jun 2022 20:10
 Operator : VA/SY
 Sample : N3104-04
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-7

Quant Time: Jun 02 08:53:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

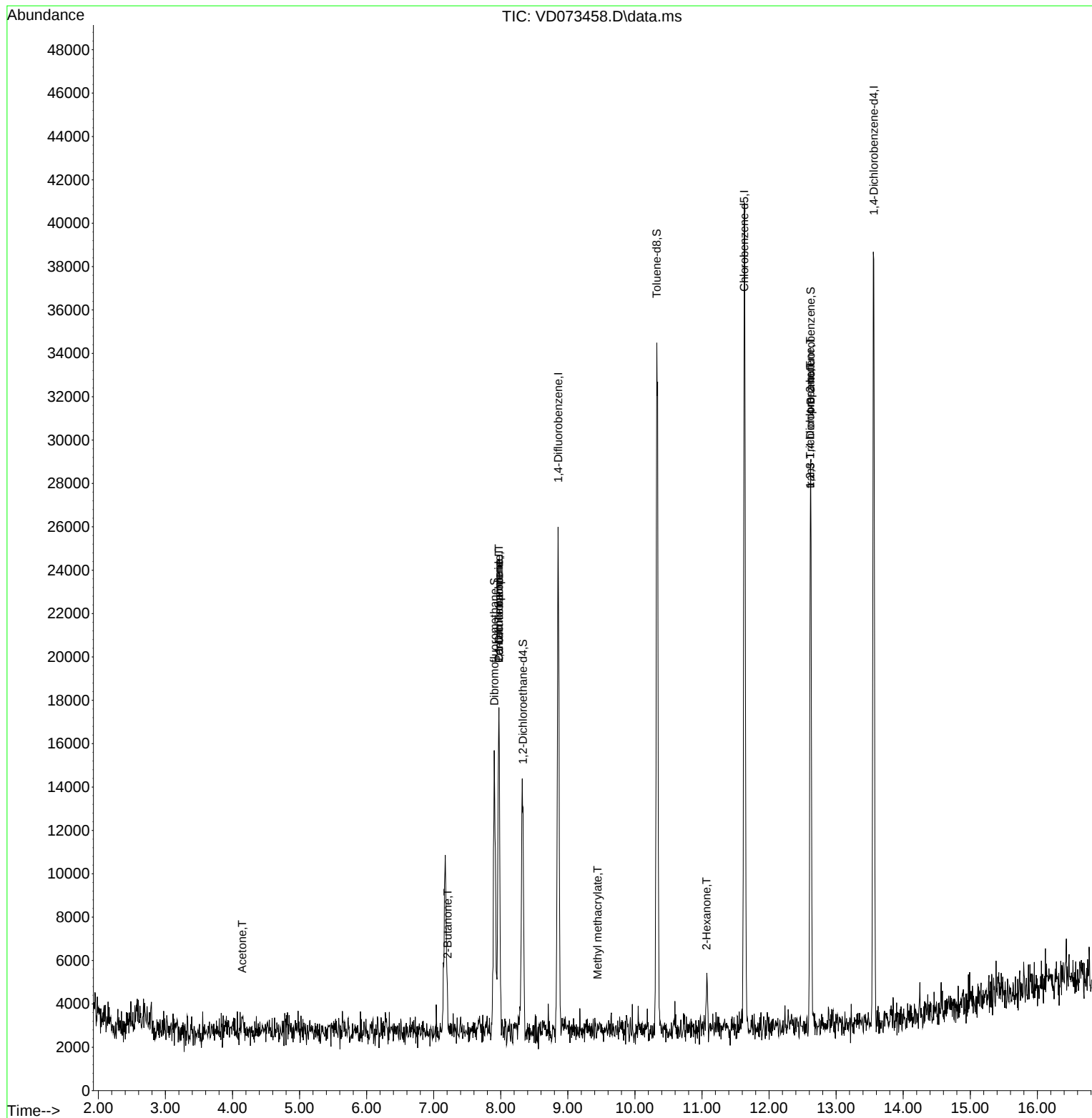
Internal Standards						
1) Pentafluorobenzene	7.973	168	11271	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	18814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	22855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	10289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	9542	76.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.220%	
35) Dibromofluoromethane	7.903	113	8581	69.120	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.240%	
50) Toluene-d8	10.326	98	23389	51.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.620	95	9268	57.707	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.420%	
Target Compounds						
					Qvalue	
16) Acetone	4.144	43	882	40.880	ug/l	# 47
20) Methylene Chloride	4.979	84	74	Below Cal	#	43
25) 2-Butanone	7.208	43	60	1.901	ug/l	# 52
36) 1,1-Dichloropropene	7.973	75	867	4.643	ug/l	# 43
38) Carbon Tetrachloride	7.973	117	1167	6.166	ug/l	# 13
48) Methyl methacrylate	9.444	41	75	1.094	ug/l	# 19
59) 2-Hexanone	11.067	43	59	1.264	ug/l	# 27
76) 1,2,3-Trichloropropane	12.614	75	4433	43.912	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.614	75	4433	105.418	ug/l	# 7

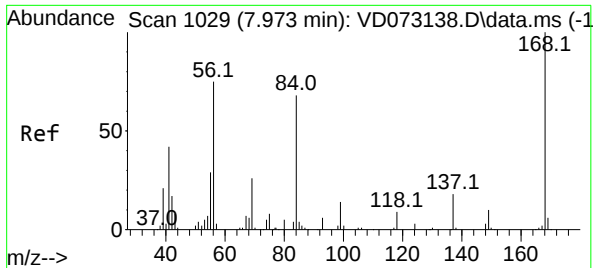
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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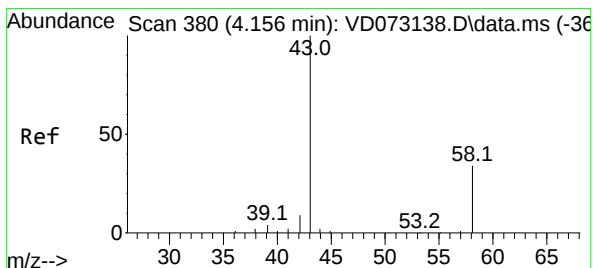
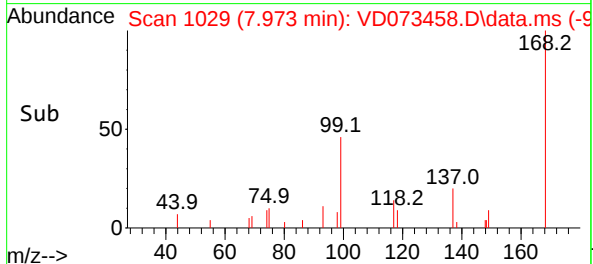
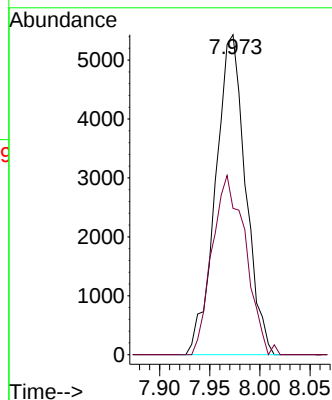
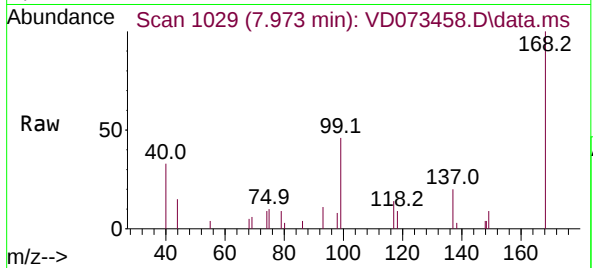




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

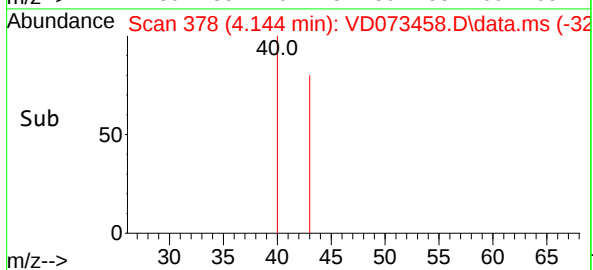
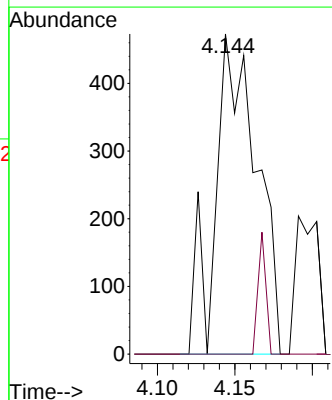
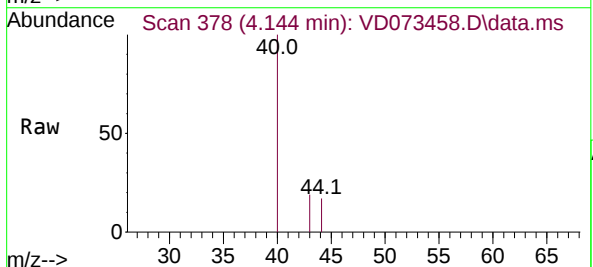
Instrument :
MSVOA_D
ClientSampleId :
WC-7

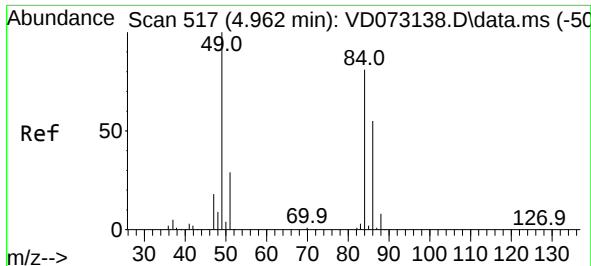
Tgt Ion:168 Resp: 11271
Ion Ratio Lower Upper
168 100
99 45.7 49.8 74.6#



#16
Acetone
Concen: 40.880 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.979 min Scan# 517

Delta R.T. 0.017 min

Lab File: VD073458.D

Acq: 01 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

WC-7

Tgt Ion: 84 Resp: 74

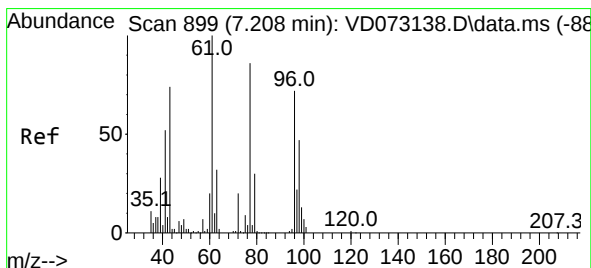
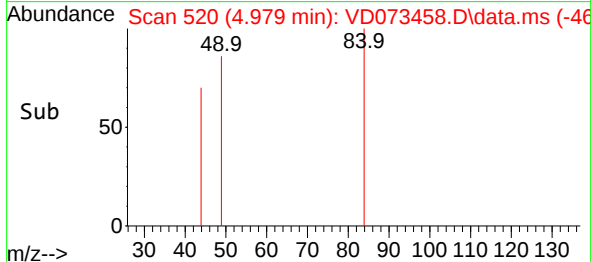
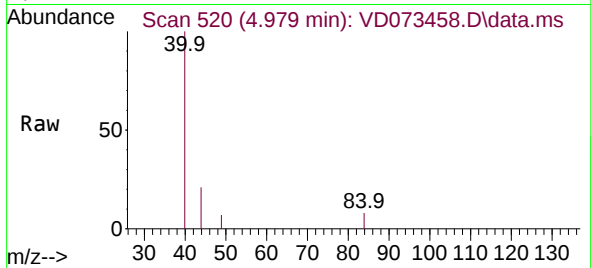
Ion Ratio Lower Upper

84 100

49 85.8 112.8 169.2#

51 0.0 32.6 48.8#

86 0.0 47.9 71.9#



#25

2-Butanone

Concen: 1.901 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD073458.D

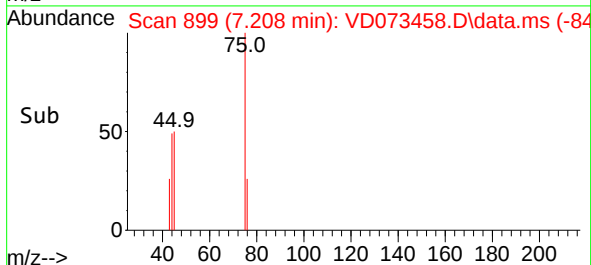
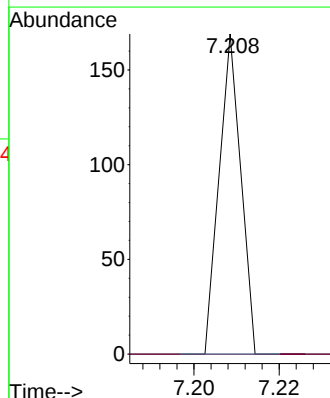
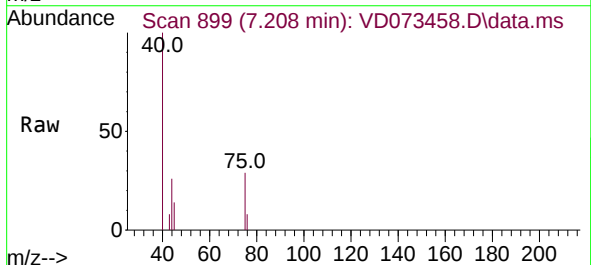
Acq: 01 Jun 2022 20:10

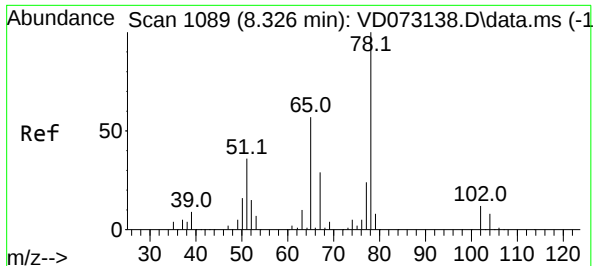
Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 76.605 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD073458.D

Acq: 01 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

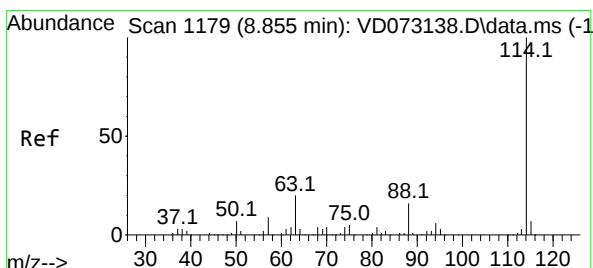
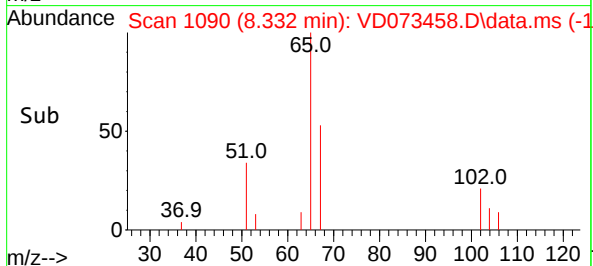
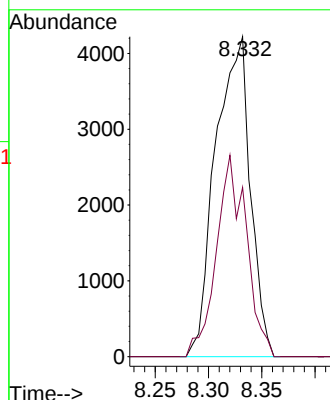
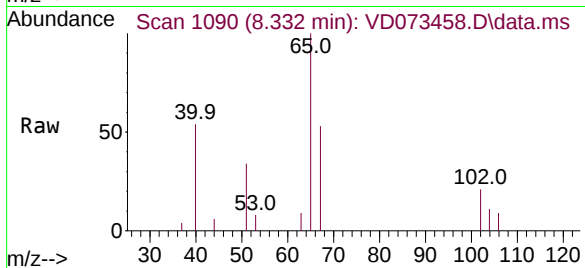
WC-7

Tgt Ion: 65 Resp: 9542

Ion Ratio Lower Upper

65 100

67 54.5 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: VD073458.D

Acq: 01 Jun 2022 20:10

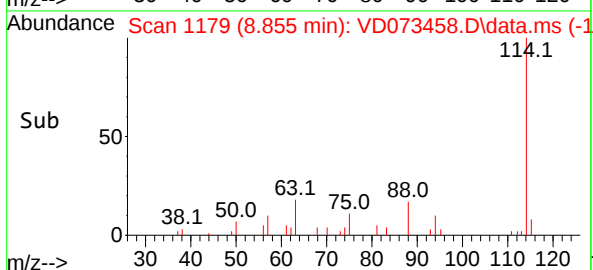
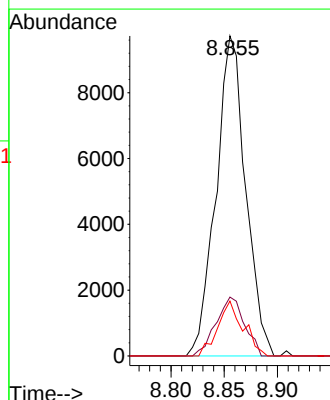
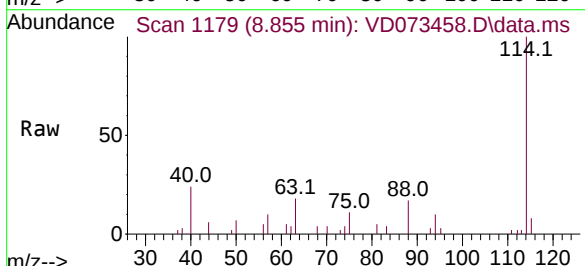
Tgt Ion: 114 Resp: 18814

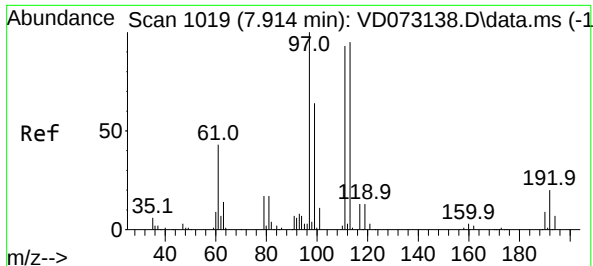
Ion Ratio Lower Upper

114 100

63 18.4 0.0 46.6

88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 69.120 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073458.D

Acq: 01 Jun 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

WC-7

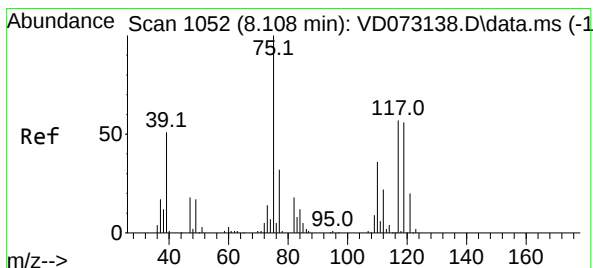
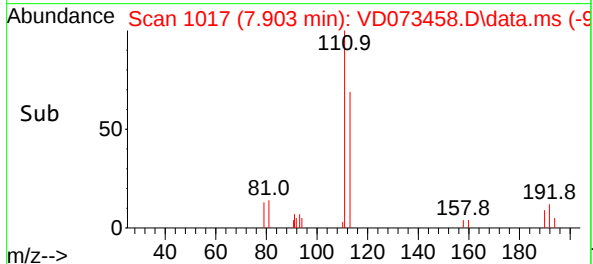
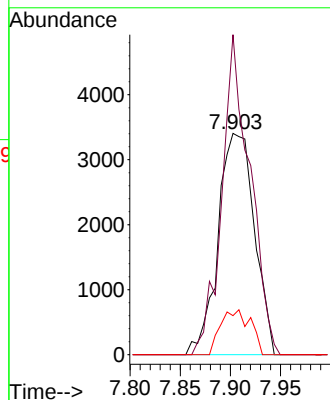
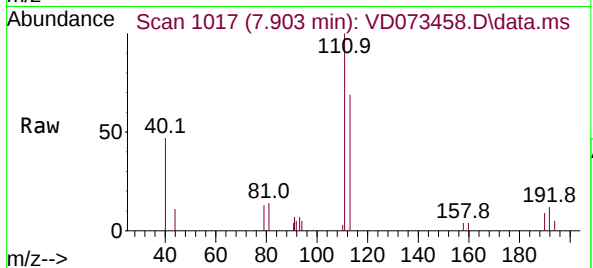
Tgt Ion:113 Resp: 8581

Ion Ratio Lower Upper

113 100

111 112.4 83.8 125.6

192 16.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.643 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073458.D

Acq: 01 Jun 2022 20:10

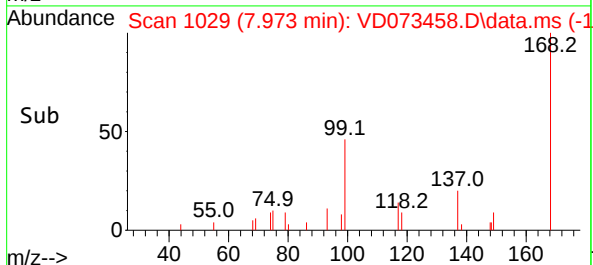
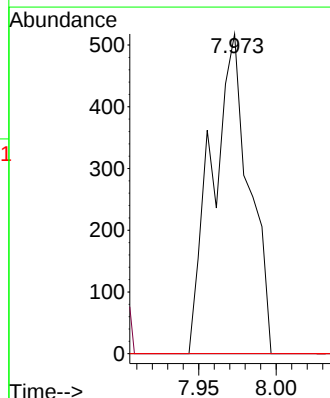
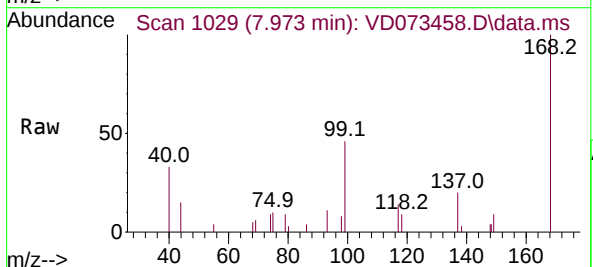
Tgt Ion: 75 Resp: 867

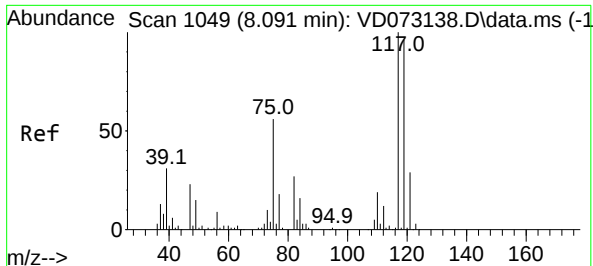
Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#

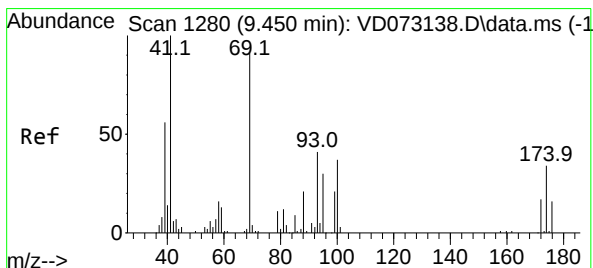
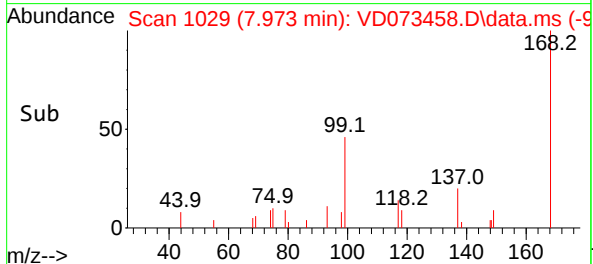
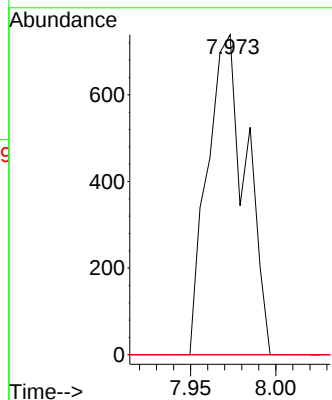
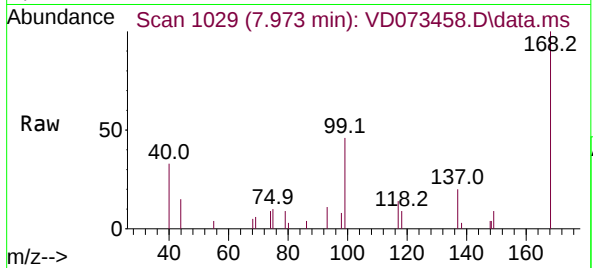




#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

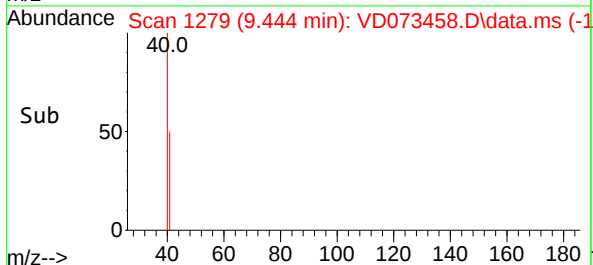
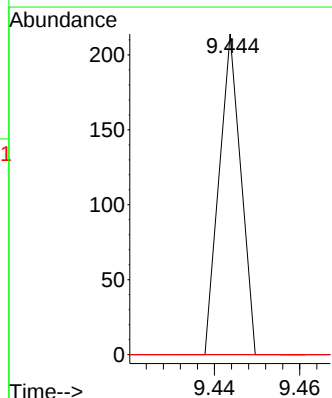
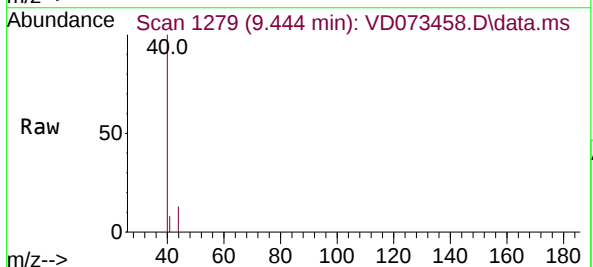
Instrument :
MSVOA_D
ClientSampleId :
WC-7

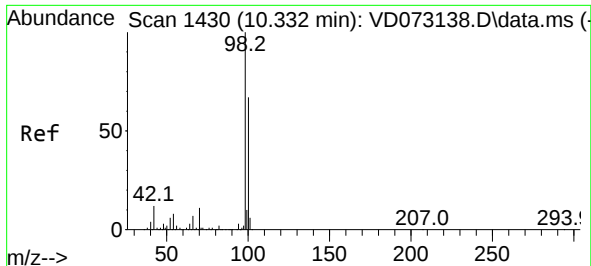
Tgt Ion:117 Resp: 1167
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.094 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

Tgt Ion: 41 Resp: 75
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

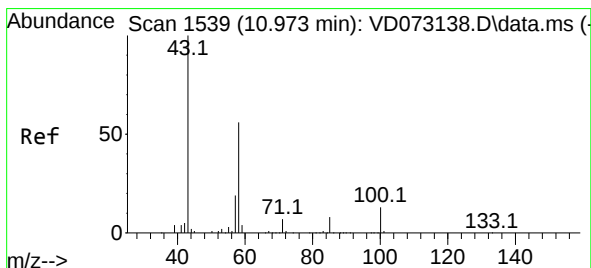
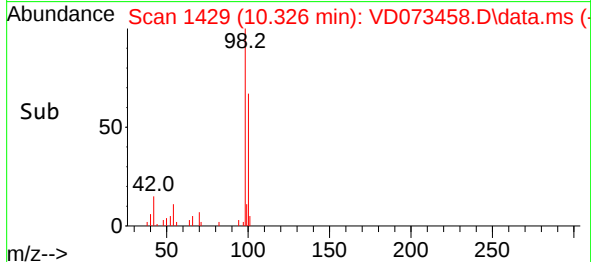
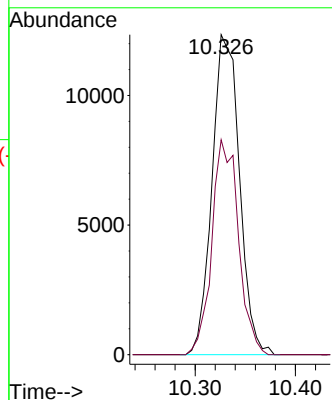
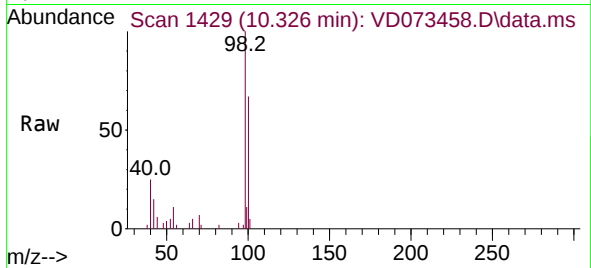




#50
Toluene-d8
Concen: 51.108 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

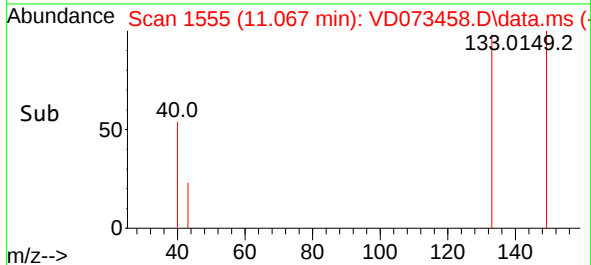
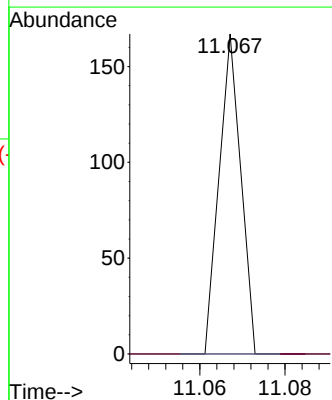
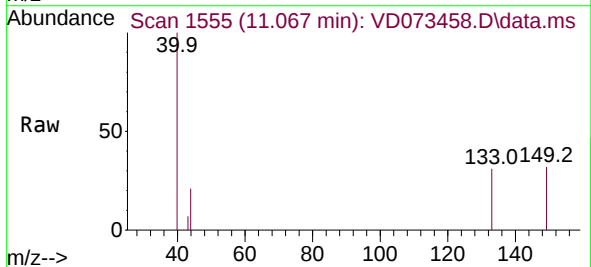
Instrument :
MSVOA_D
ClientSampleId :
WC-7

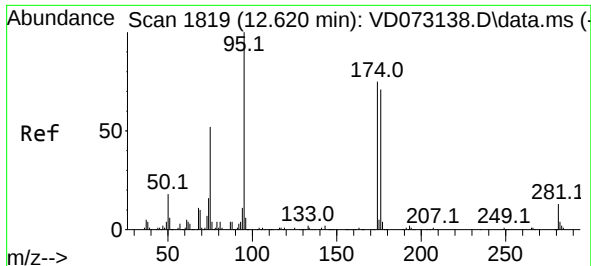
Tgt Ion: 98 Resp: 23389
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#59
2-Hexanone
Concen: 1.264 ug/l
RT: 11.067 min Scan# 1555
Delta R.T. 0.094 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

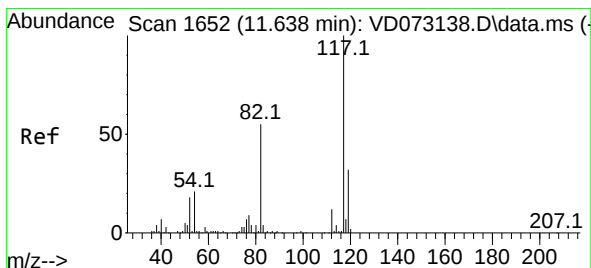
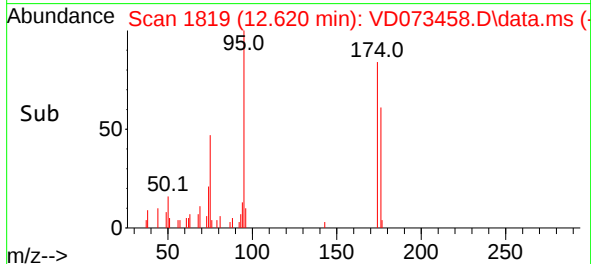
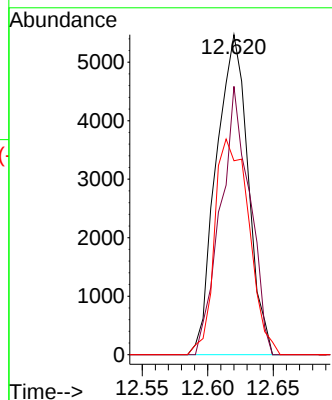
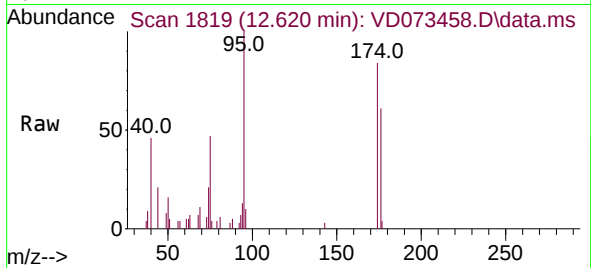




#62
4-Bromofluorobenzene
Concen: 57.707 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

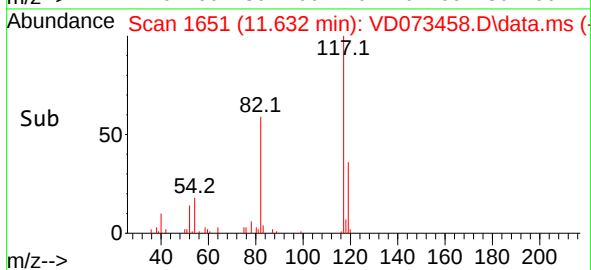
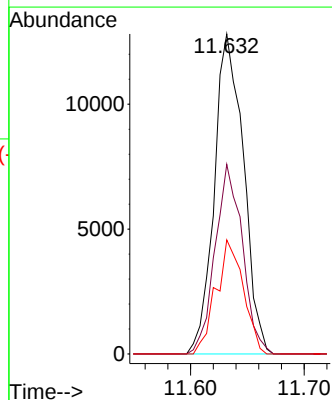
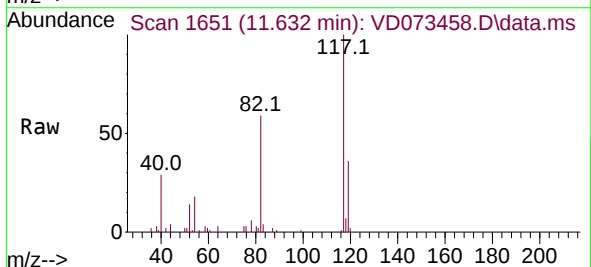
Instrument :
MSVOA_D
ClientSampleId :
WC-7

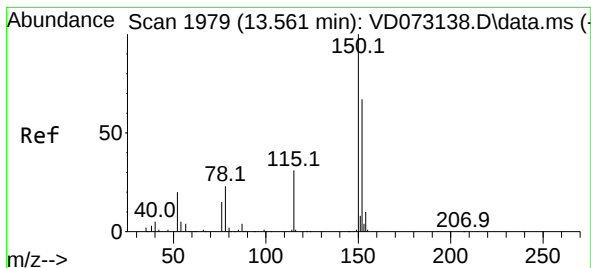
Tgt Ion:	95	Resp:	9268
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	152.8
176	72.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073458.D
Acq: 01 Jun 2022 20:10

Tgt Ion:	117	Resp:	22855
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.3	67.9
119	35.7	26.6	40.0

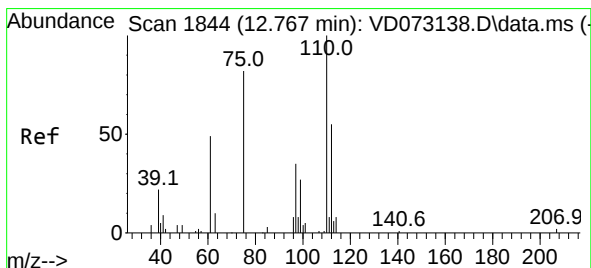
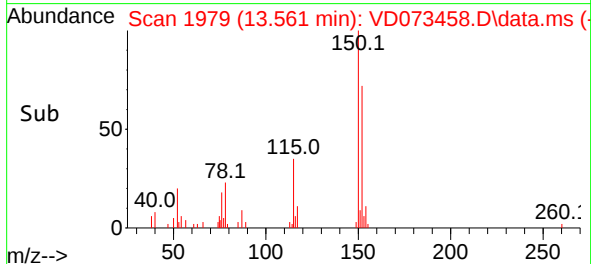
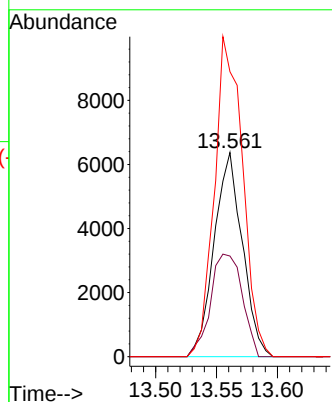
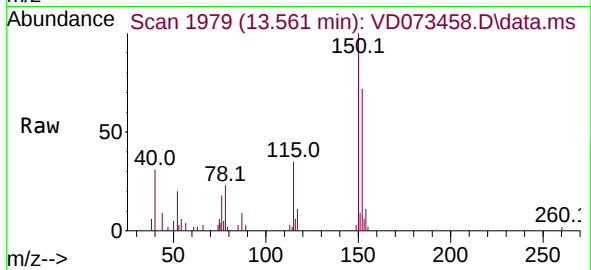




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073458.D
 Acq: 01 Jun 2022 20:10

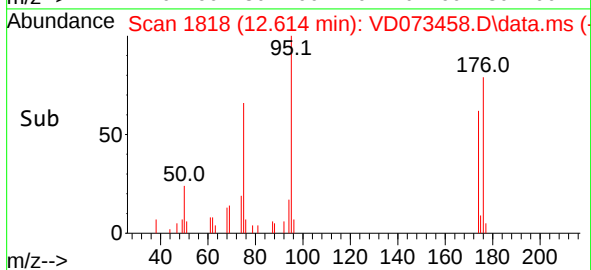
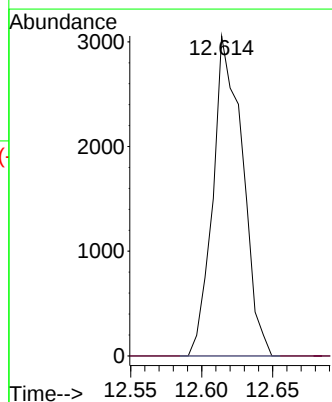
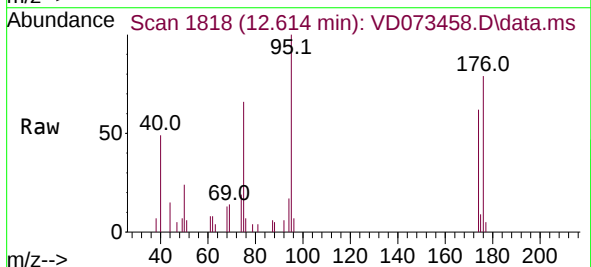
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-7

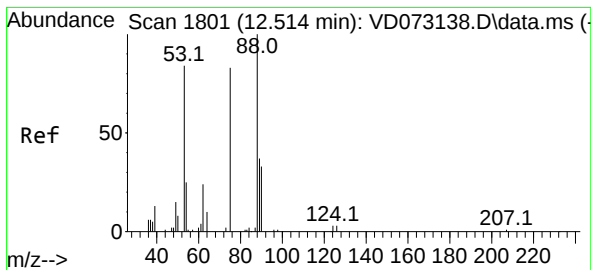
Tgt Ion:152 Resp: 10289
 Ion Ratio Lower Upper
 152 100
 115 56.4 31.3 93.8
 150 156.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 43.912 ug/l
 RT: 12.614 min Scan# 1818
 Delta R.T. -0.153 min
 Lab File: VD073458.D
 Acq: 01 Jun 2022 20:10

Tgt Ion: 75 Resp: 4433
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.418 ug/l
 RT: 12.614 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD073458.D
 Acq: 01 Jun 2022 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-7

Tgt Ion: 75 Resp: 4433
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

