

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076512.D
 Acq On : 21 Jun 2023 14:51
 Operator : KP/SY
 Sample : 03336-10
 Misc : 5.38G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: Jun 22 01:59:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

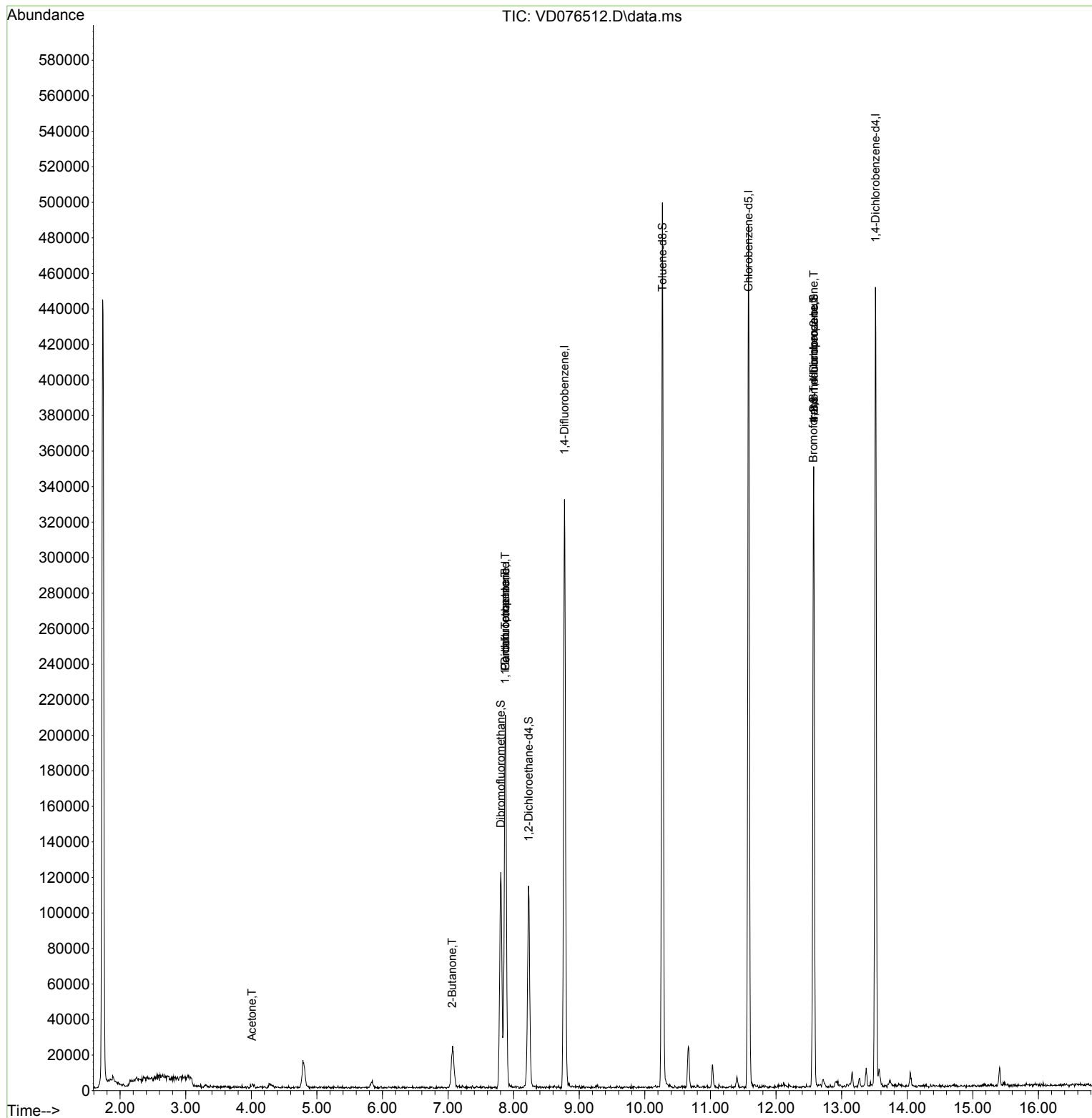
Internal Standards						
1) Pentafluorobenzene	7.875	168	167235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	288171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	262607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83102	49.597	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.200%		
35) Dibromofluoromethane	7.804	113	85842	50.143	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.280%		
50) Toluene-d8	10.269	98	327707	50.475	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.960%		
62) 4-Bromofluorobenzene	12.574	95	97872	46.449	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.900%		
Target Compounds						
					Qvalue	
16) Acetone	4.010	43	1083	2.716	ug/l #	70
20) Methylene Chloride	4.793	84	10498	Below Cal	#	79
25) 2-Butanone	7.063	43	701	1.137	ug/l #	37
28) Bromochloromethane	7.281	49	94	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	13556	5.655	ug/l #	48
38) Carbon Tetrachloride	7.875	117	16298	7.606	ug/l #	15
71) Bromoform	12.569	173	1218	1.137	ug/l #	28
76) 1,2,3-Trichloropropane	12.574	75	53087	45.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	53087	98.705	ug/l #	17

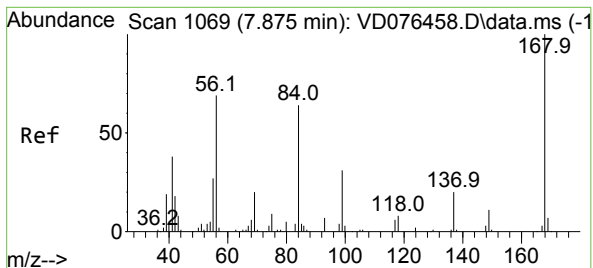
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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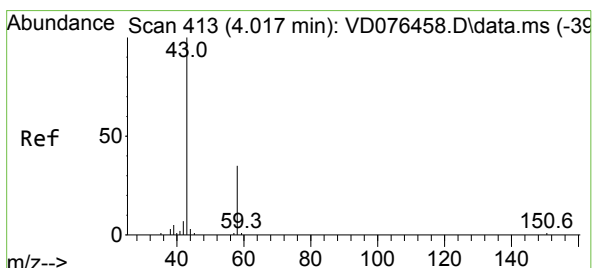
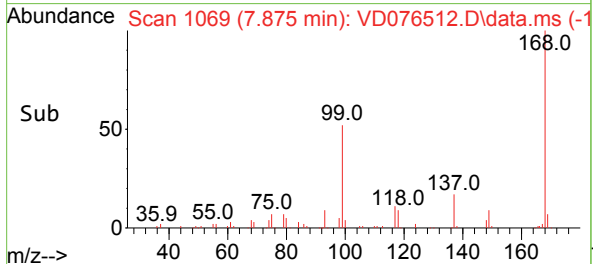
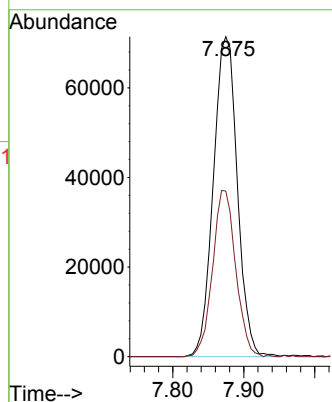
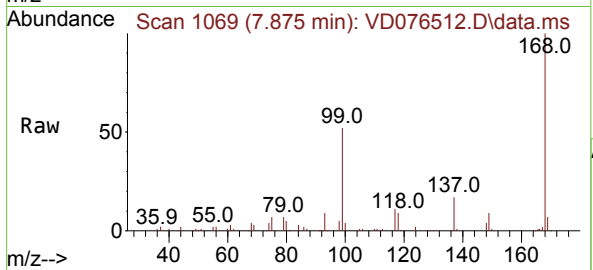




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

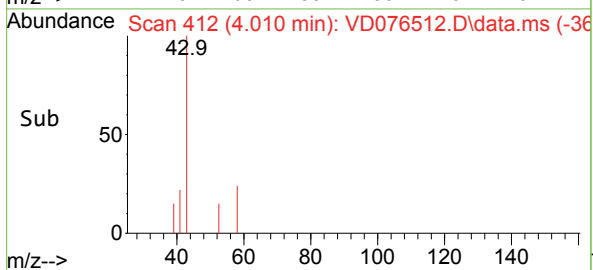
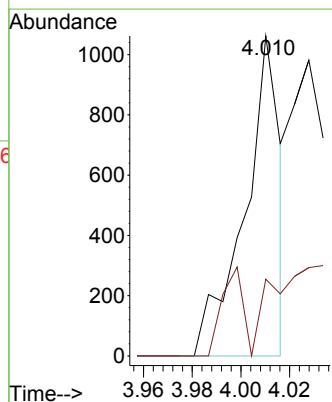
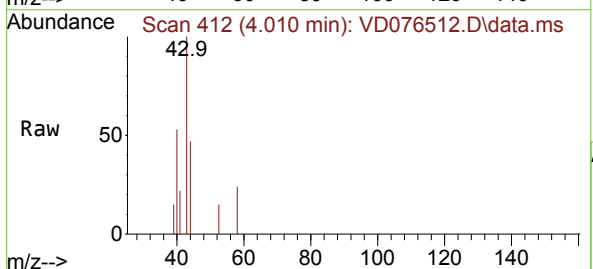
Instrument :
MSVOA_D
ClientSampleId :
WC-3

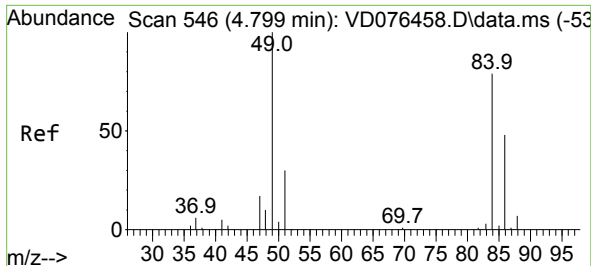
Tgt Ion:168 Resp: 167235
Ion Ratio Lower Upper
168 100
99 51.7 36.7 55.1



#16
Acetone
Concen: 2.716 ug/l
RT: 4.010 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 24.0 34.7 52.1#

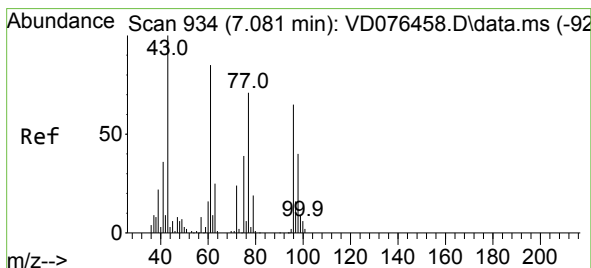
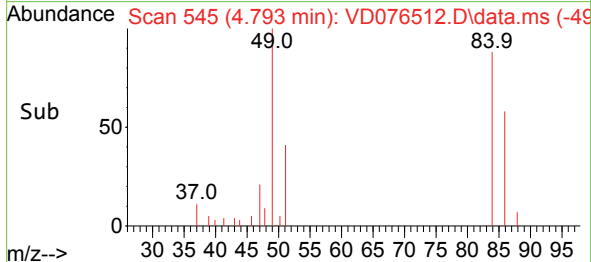
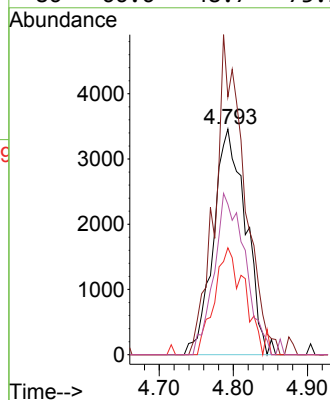
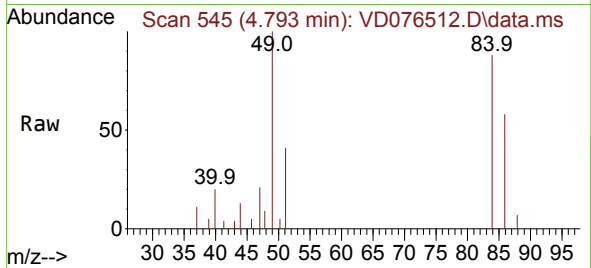




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

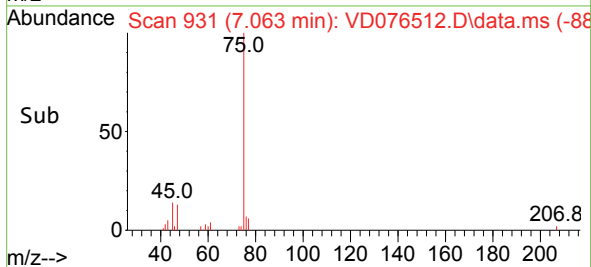
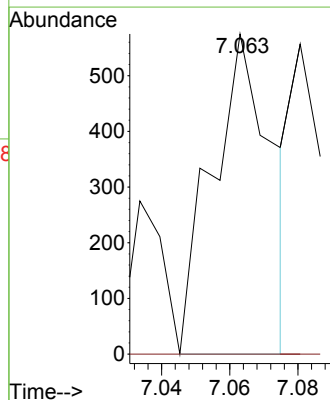
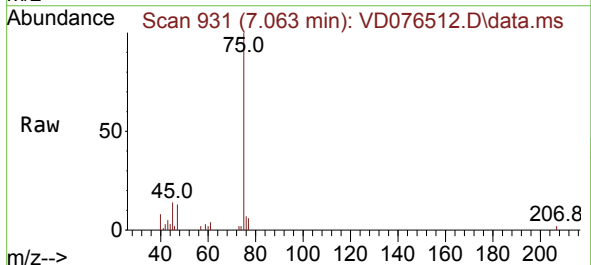
Instrument :
MSVOA_D
ClientSampleId :
WC-3

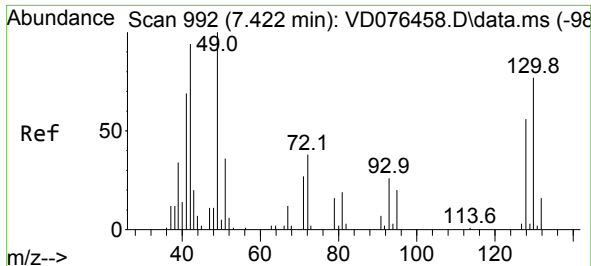
Tgt Ion: 84 Resp: 10498
Ion Ratio Lower Upper
84 100
49 114.2 71.4 107.2#
51 47.4 24.5 36.7#
86 66.6 48.7 73.1



#25
2-Butanone
Concen: 1.137 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

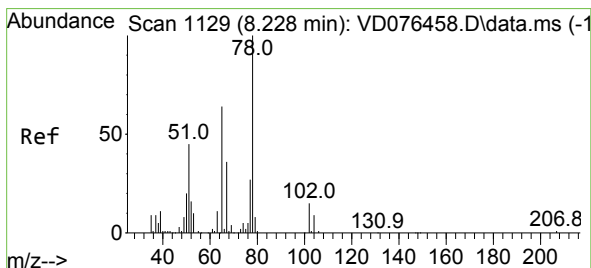
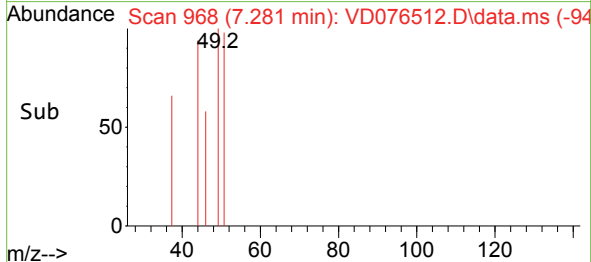
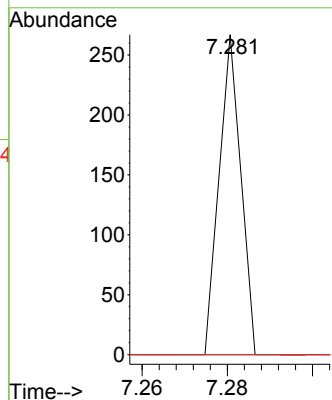
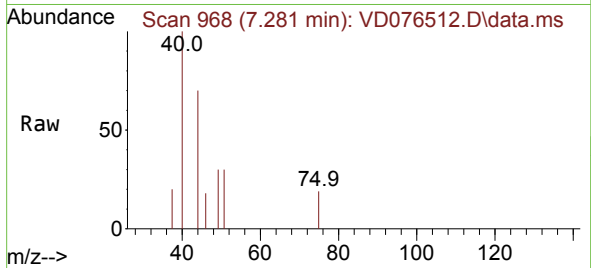




#28
Bromochloromethane
Concen: Below Cal
RT: 7.281 min Scan# 91
Delta R.T. -0.141 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

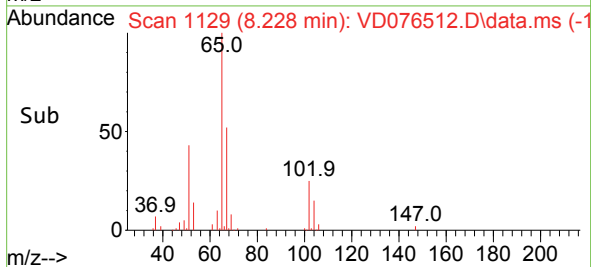
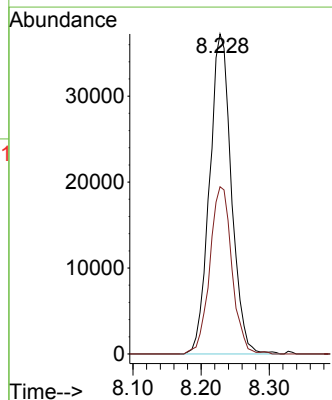
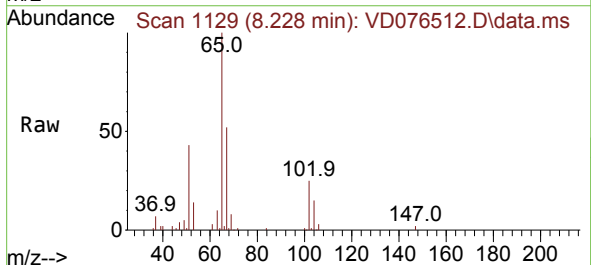
Instrument :
MSVOA_D
ClientSampleId :
WC-3

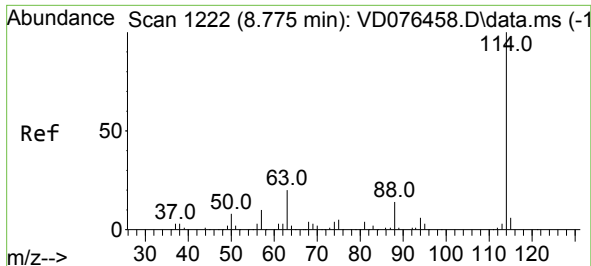
Tgt Ion: 49 Resp: 94
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 49.597 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion: 65 Resp: 83102
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076512.D

Acq: 21 Jun 2023 14:51

Instrument :

MSVOA_D

ClientSampleId :

WC-3

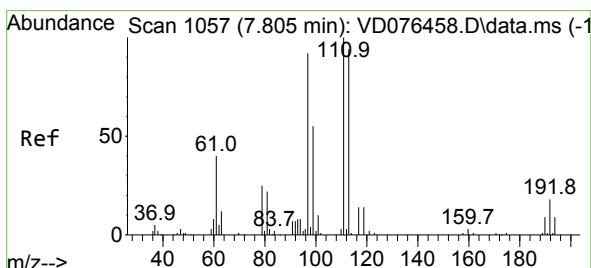
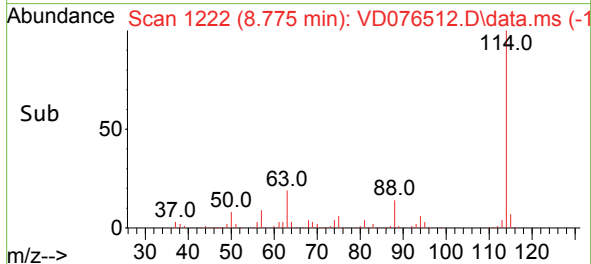
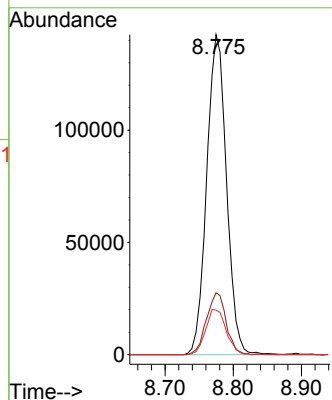
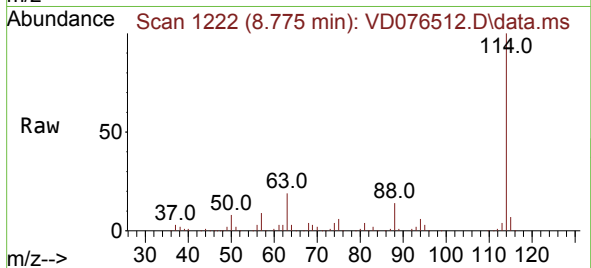
Tgt Ion:114 Resp: 288171

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.143 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076512.D

Acq: 21 Jun 2023 14:51

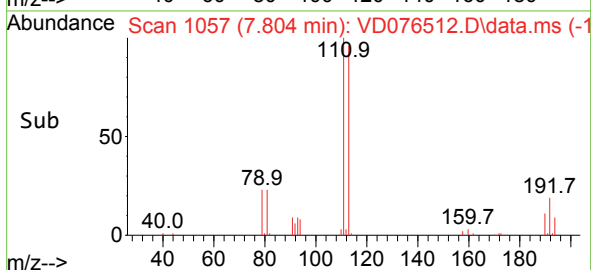
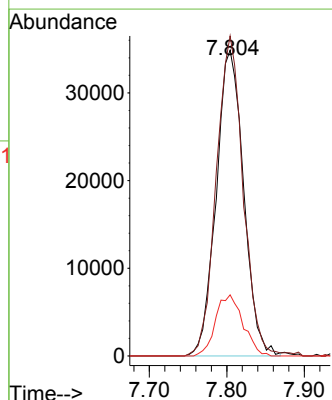
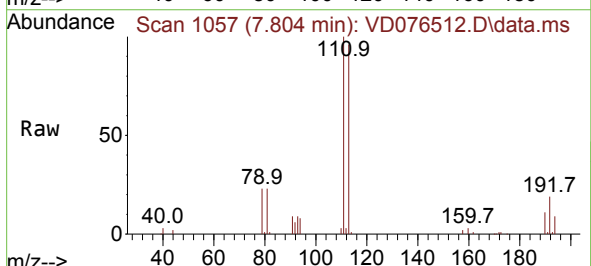
Tgt Ion:113 Resp: 85842

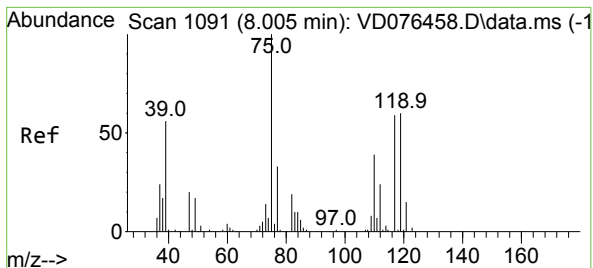
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 20.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.655 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD076512.D

Acq: 21 Jun 2023 14:51

Instrument :

MSVOA_D

ClientSampleId :

WC-3

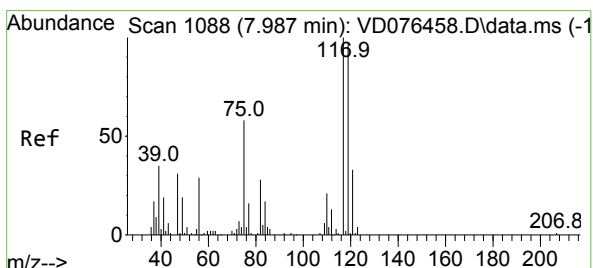
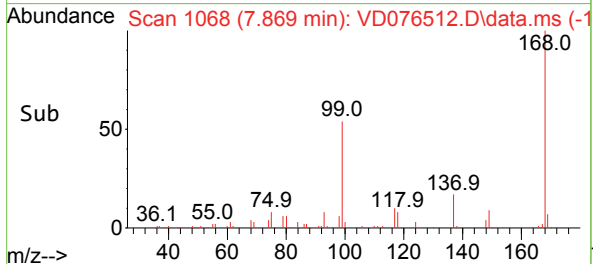
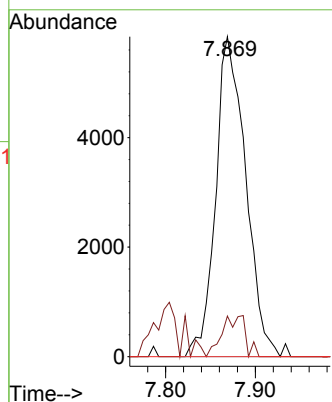
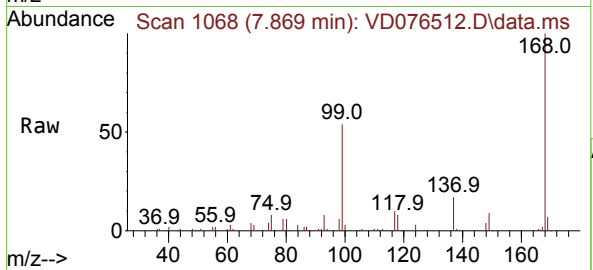
Tgt Ion: 75 Resp: 13556

Ion Ratio Lower Upper

75 100

110 10.0 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.606 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076512.D

Acq: 21 Jun 2023 14:51

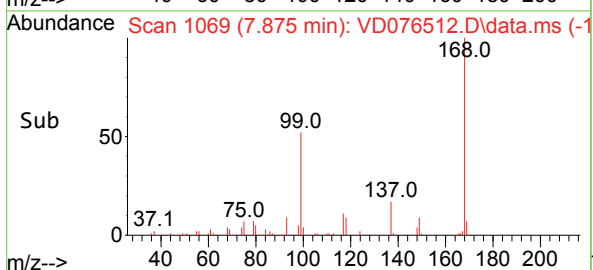
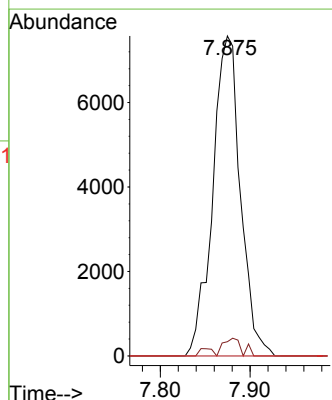
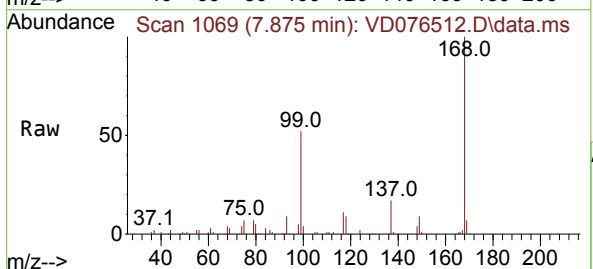
Tgt Ion: 117 Resp: 16298

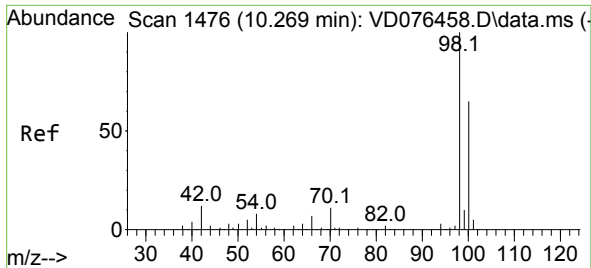
Ion Ratio Lower Upper

117 100

119 4.4 78.0 117.0#

121 0.0 24.2 36.2#

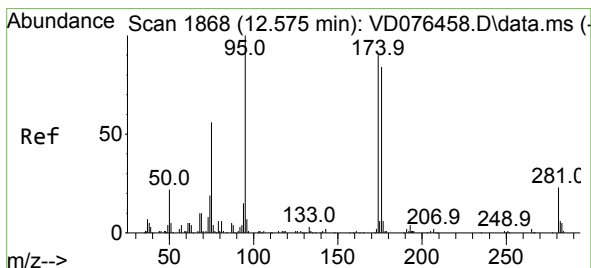
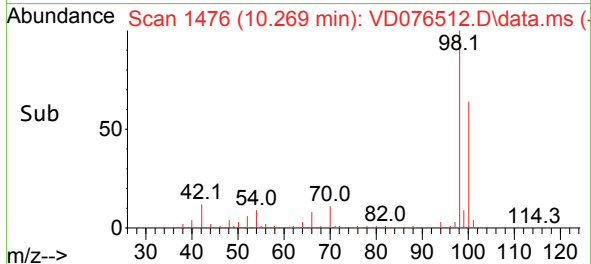
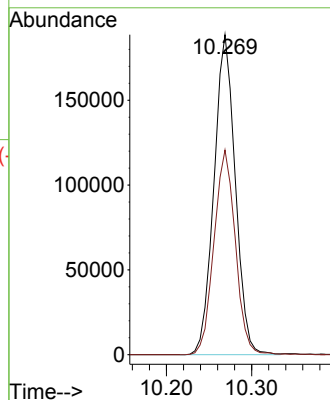
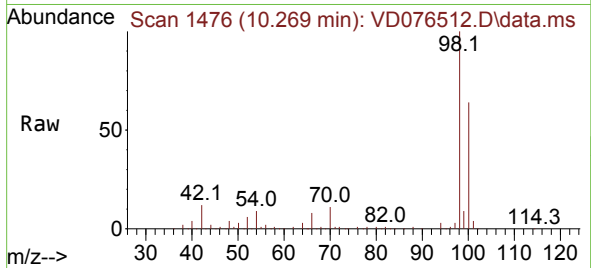




#50
Toluene-d8
Concen: 50.475 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

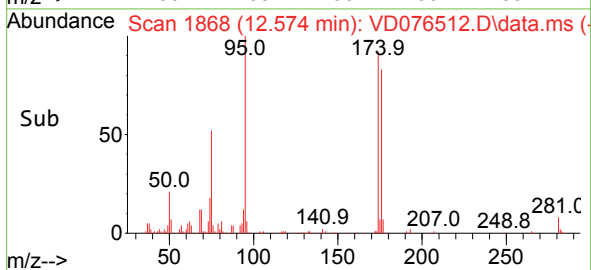
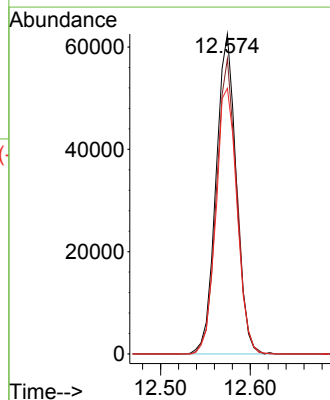
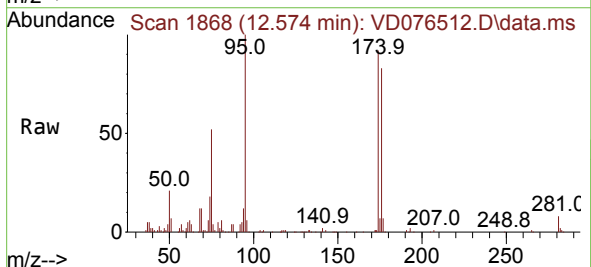
Instrument :
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ClientSampleId :
WC-3

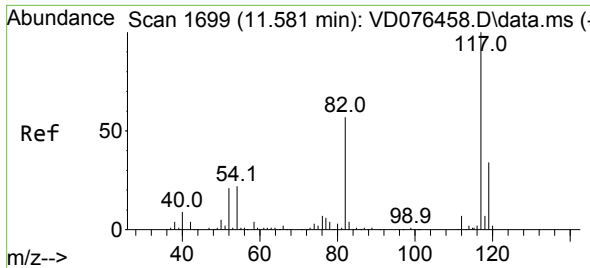
Tgt Ion: 98 Resp: 327707
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.449 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion: 95 Resp: 97872
Ion Ratio Lower Upper
95 100
174 92.8 0.0 201.8
176 86.9 0.0 191.8

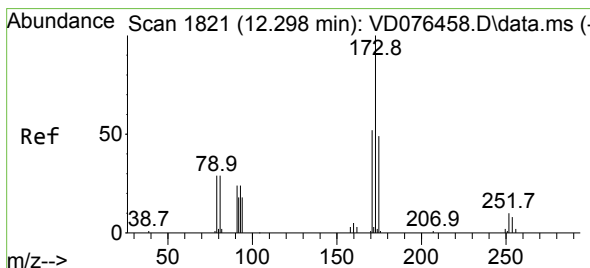
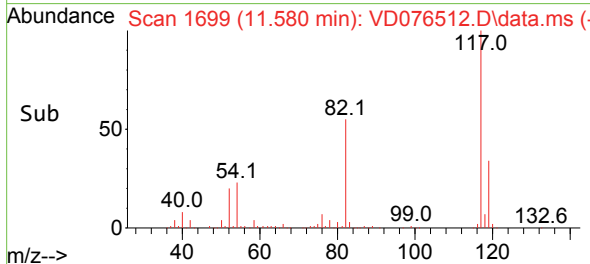
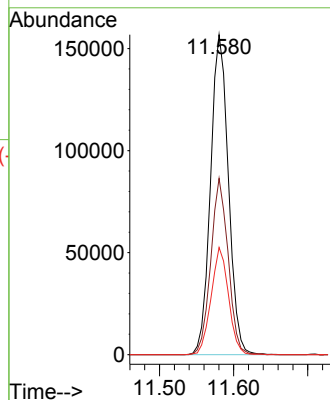
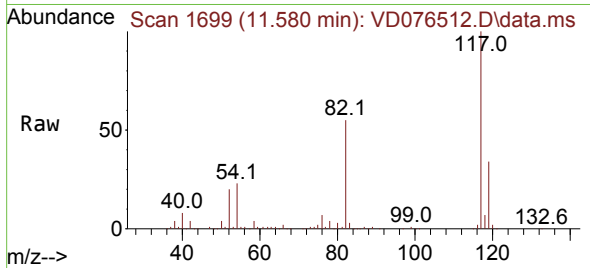




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

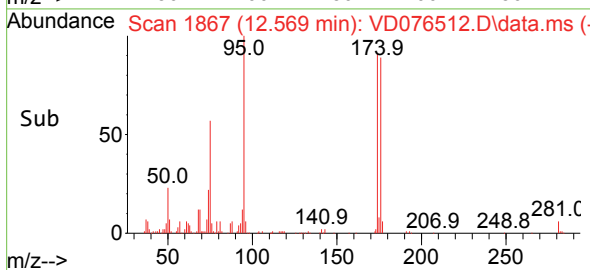
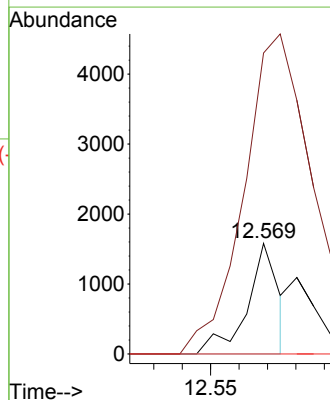
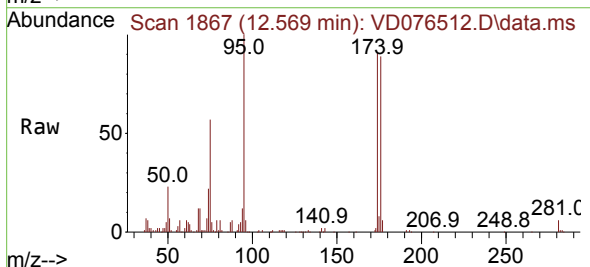
Instrument :
MSVOA_D
ClientSampleId :
WC-3

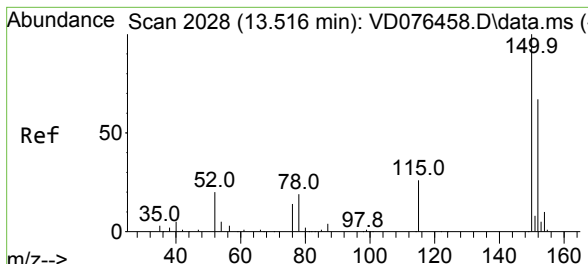
Tgt Ion:117 Resp: 262607
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 33.5 25.0 37.4



#71
Bromoform
Concen: 1.137 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD076512.D
Acq: 21 Jun 2023 14:51

Tgt Ion:173 Resp: 1218
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0

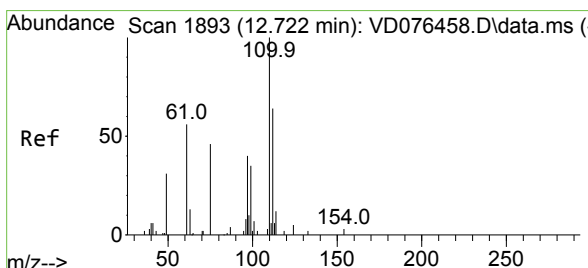
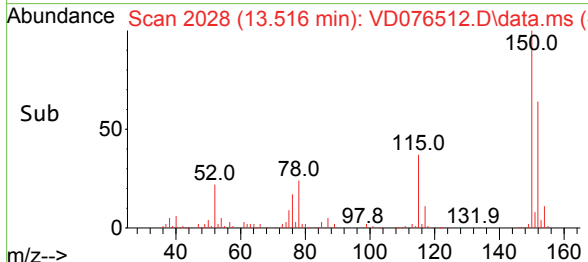
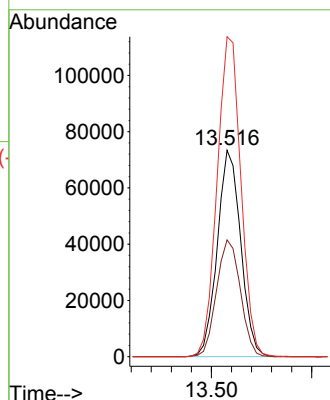
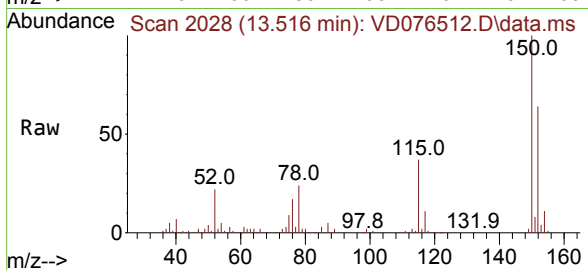




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076512.D
 Acq: 21 Jun 2023 14:51

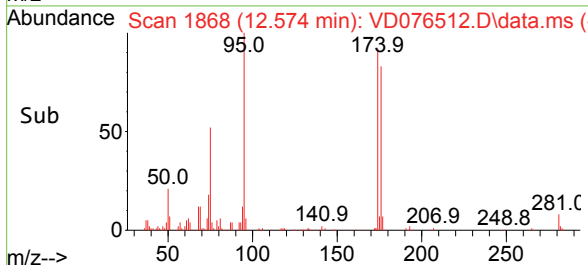
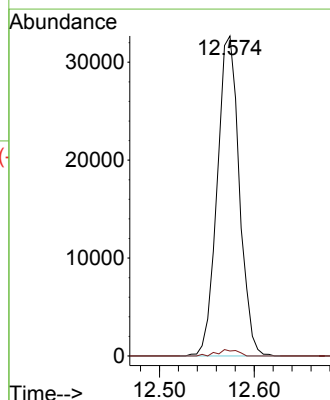
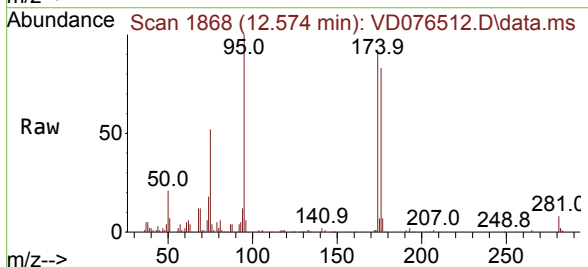
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

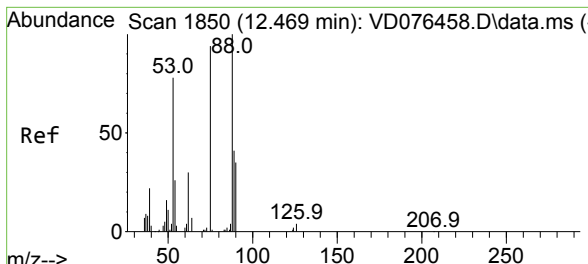
Tgt Ion:152 Resp: 118745
 Ion Ratio Lower Upper
 152 100
 115 57.7 27.1 81.3
 150 157.6 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 45.046 ug/l
 RT: 12.574 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076512.D
 Acq: 21 Jun 2023 14:51

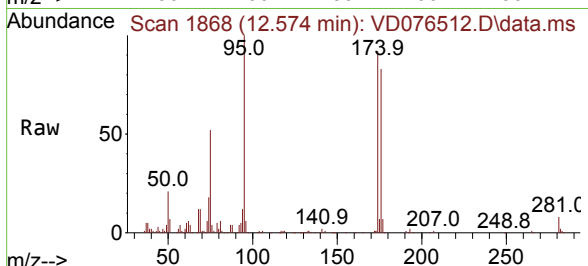
Tgt Ion: 75 Resp: 53087
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.705 ug/l
 RT: 12.574 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VD076512.D
 Acq: 21 Jun 2023 14:51

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3



Tgt Ion:	75	Resp:	53087
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.2	37.9	56.9#

