

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074595.D
 Acq On : 20 Oct 2022 14:06
 Operator : VA/SY
 Sample : N5142-04RE
 Misc : 6.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-11

Quant Time: Oct 20 14:57:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

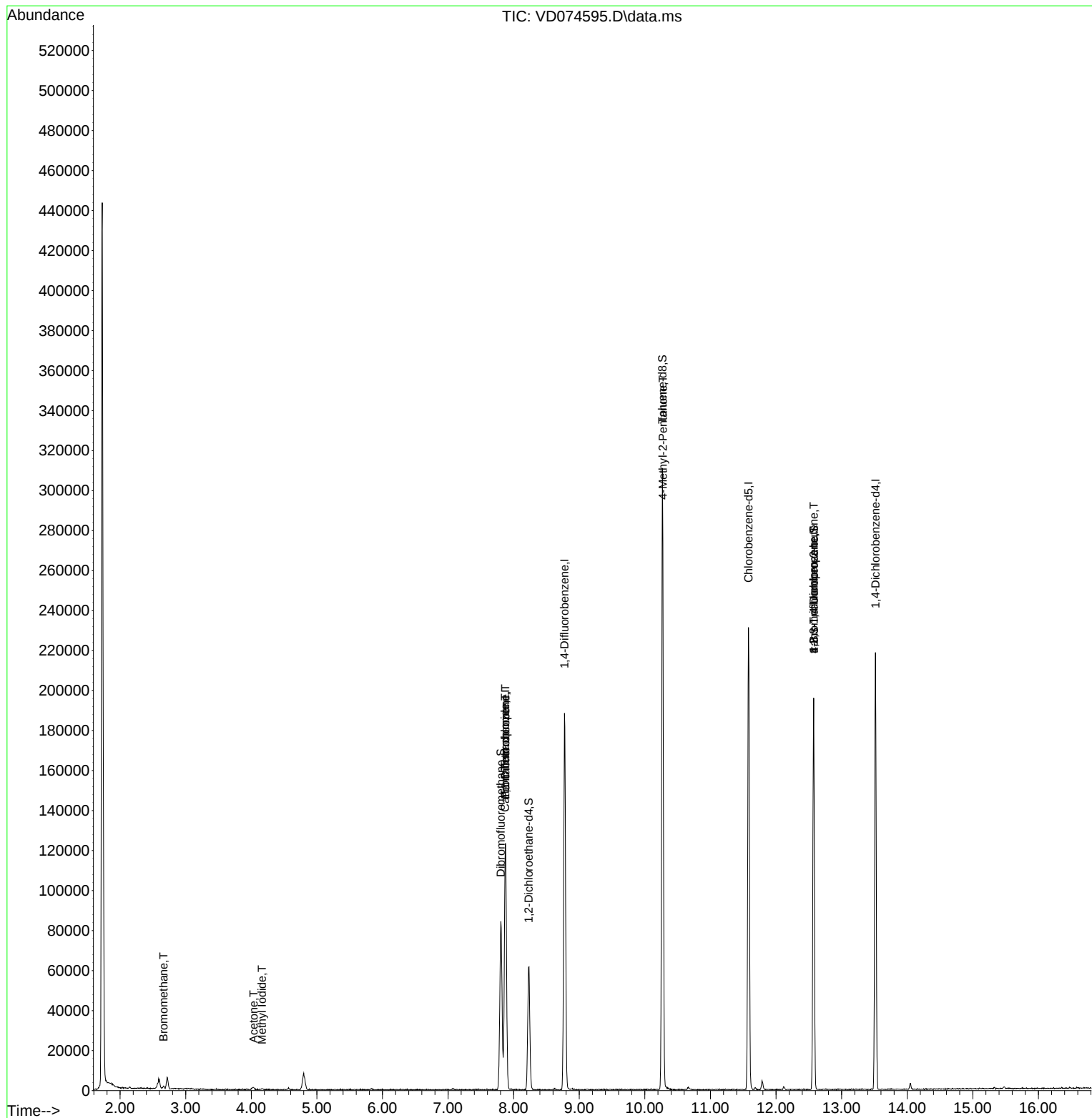
Internal Standards						
1) Pentafluorobenzene	7.875	168	104038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	147023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49139	61.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.720%	
35) Dibromofluoromethane	7.804	113	60818	61.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.340%	
50) Toluene-d8	10.269	98	223620	62.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.020%	
62) 4-Bromofluorobenzene	12.575	95	57060	55.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.400%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.664	94	989	1.080	ug/l #	74
10) Methyl Iodide	4.163	142	1001	4.580	ug/l #	68
16) Acetone	4.034	43	1866	10.758	ug/l	95
18) Methyl Acetate	4.569	43	1081	Below Cal	#	44
20) Methylene Chloride	4.799	84	7027	Below Cal	#	83
36) 1,1-Dichloropropene	7.875	75	6726	4.156	ug/l #	47
38) Carbon Tetrachloride	7.869	117	9581	6.045	ug/l #	21
51) 4-Methyl-2-Pentanone	10.275	43	497	1.053	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	28856	53.664	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	28856	137.138	ug/l #	17

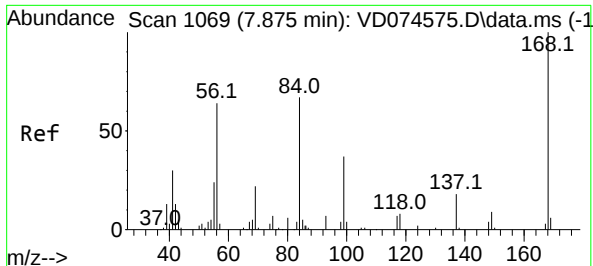
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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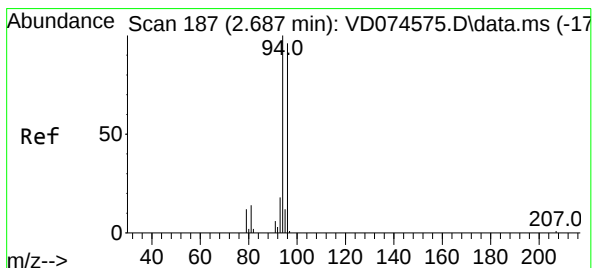
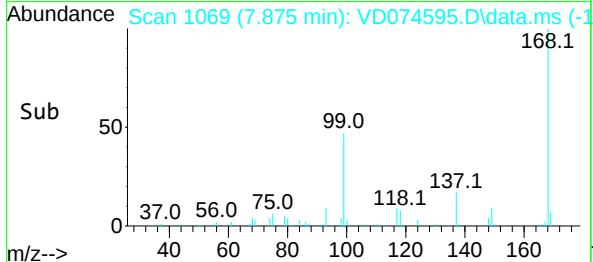
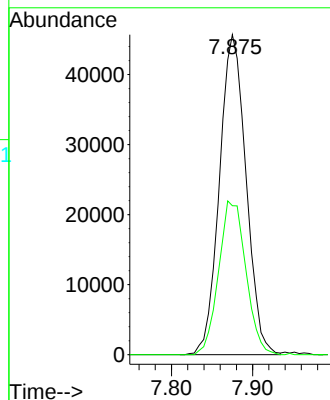
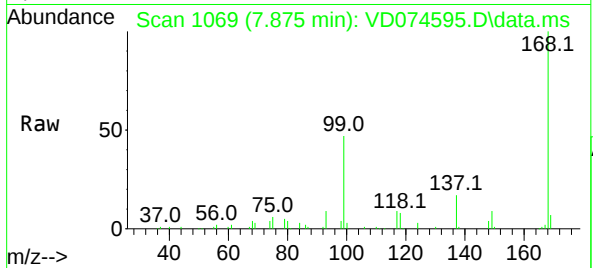




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

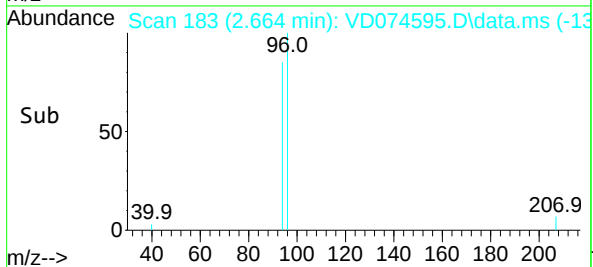
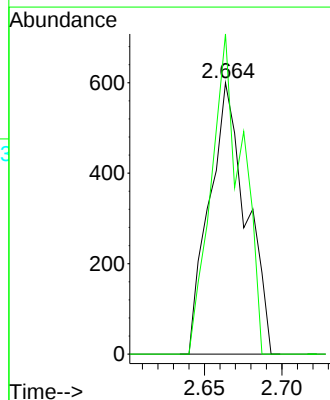
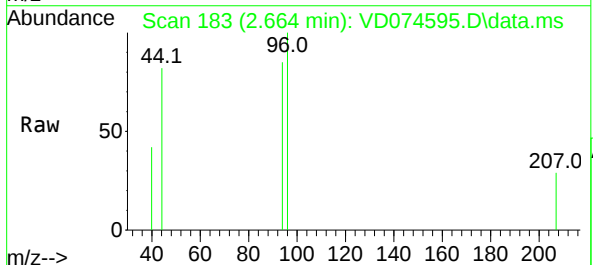
Instrument :
MSVOA_D
ClientSampleId :
WC-11

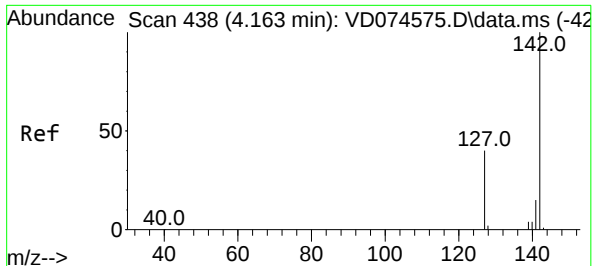
Tgt Ion:168 Resp: 104038
Ion Ratio Lower Upper
168 100
99 46.6 40.9 61.3



#5
Bromomethane
Concen: 1.080 ug/l
RT: 2.664 min Scan# 183
Delta R.T. -0.017 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

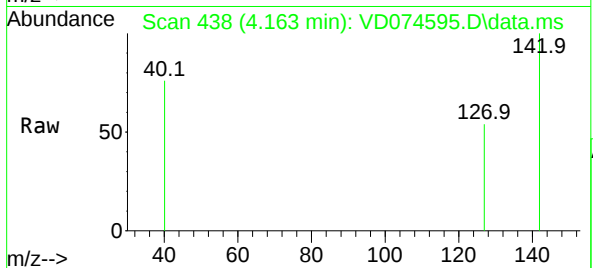
Tgt Ion: 94 Resp: 989
Ion Ratio Lower Upper
94 100
96 118.0 74.6 112.0#



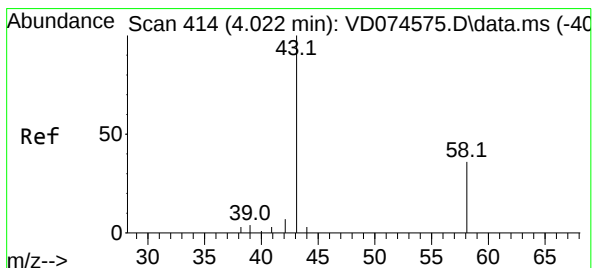
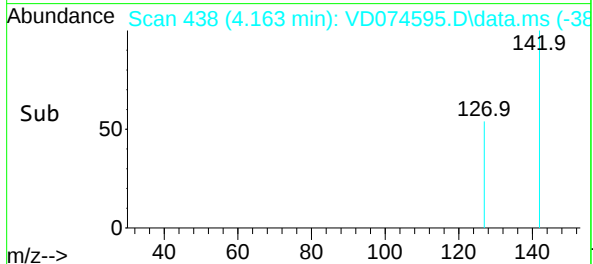
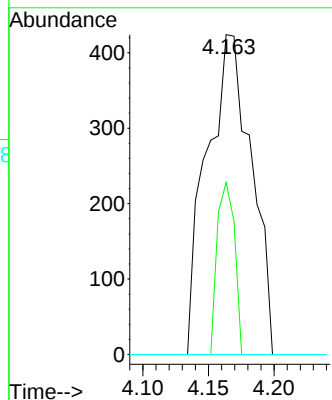


#10
Methyl Iodide
Concen: 4.580 ug/l
RT: 4.163 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

Instrument :
MSVOA_D
ClientSampleId :
WC-11

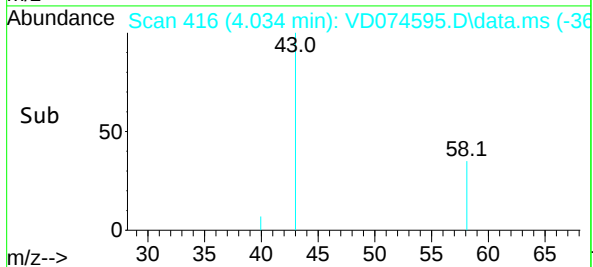
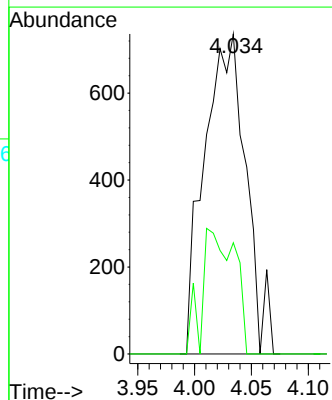
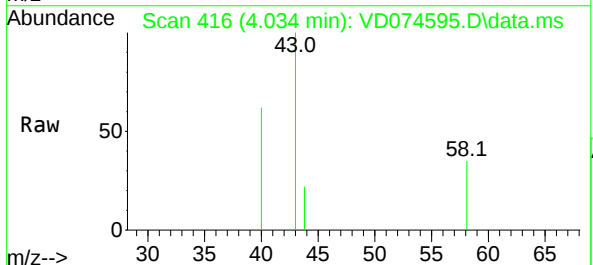


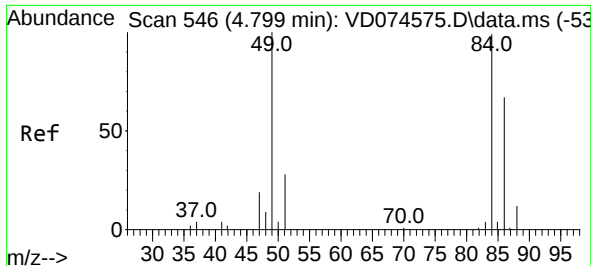
Tgt Ion:142 Resp: 1001
Ion Ratio Lower Upper
142 100
127 21.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 10.758 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
58 34.8 30.2 45.2





#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 54

Delta R.T. -0.000 min

Lab File: VD074595.D

Acq: 20 Oct 2022 14:06

Instrument :

MSVOA_D

ClientSampleId :

WC-11

Tgt Ion: 84 Resp: 7027

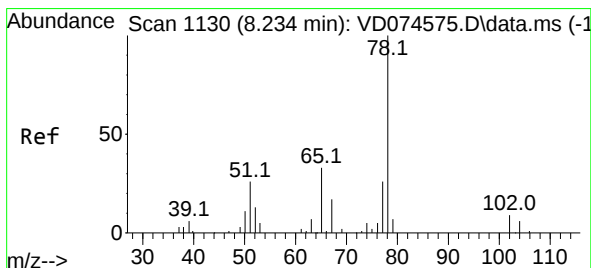
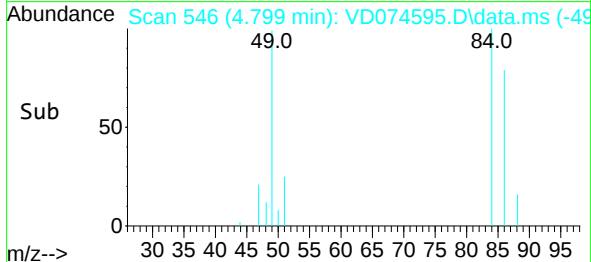
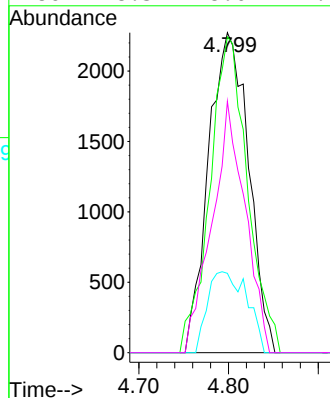
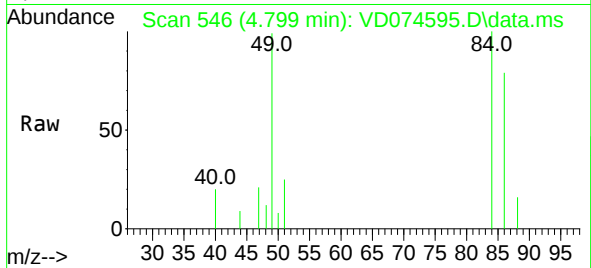
Ion Ratio Lower Upper

84 100

49 98.7 68.0 102.0

51 24.8 23.2 34.8

86 78.5 48.0 72.0#



#33

1,2-Dichloroethane-d4

Concen: 61.864 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074595.D

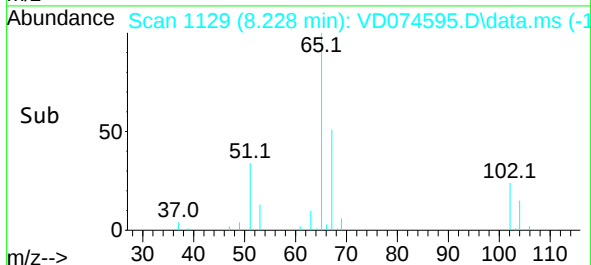
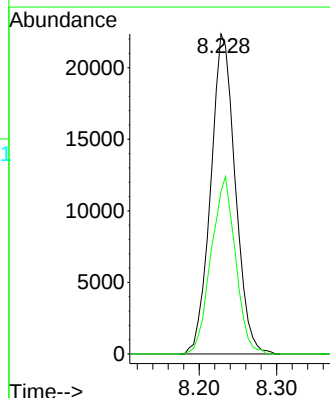
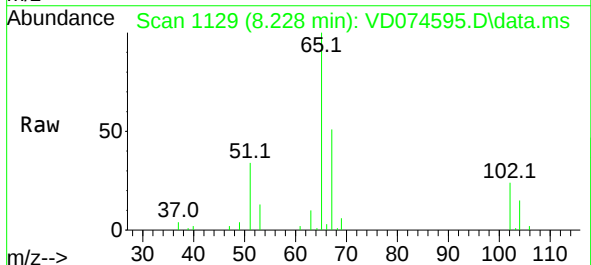
Acq: 20 Oct 2022 14:06

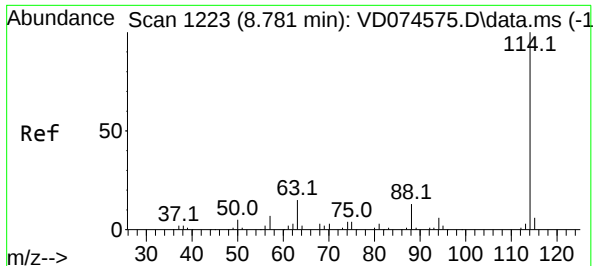
Tgt Ion: 65 Resp: 49139

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074595.D

Acq: 20 Oct 2022 14:06

Instrument :

MSVOA_D

ClientSampleId :

WC-11

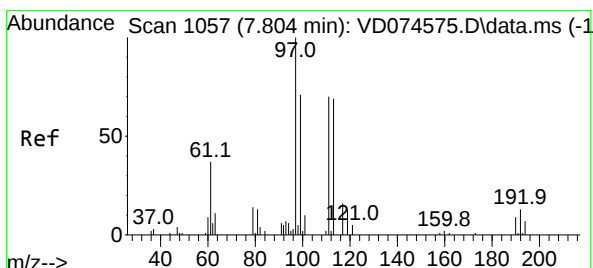
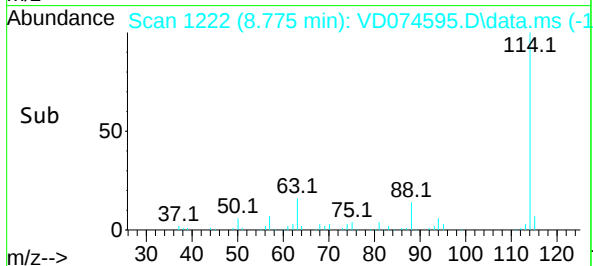
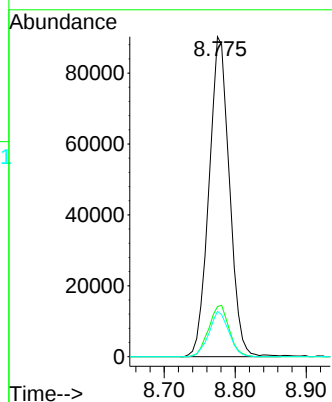
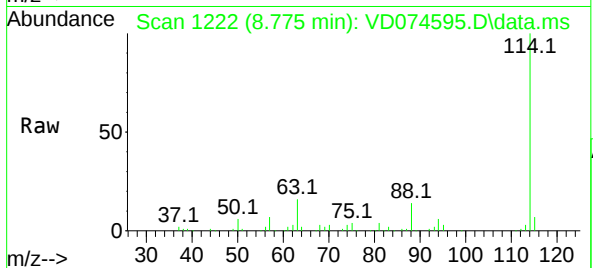
Tgt Ion:114 Resp: 180173

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 61.172 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074595.D

Acq: 20 Oct 2022 14:06

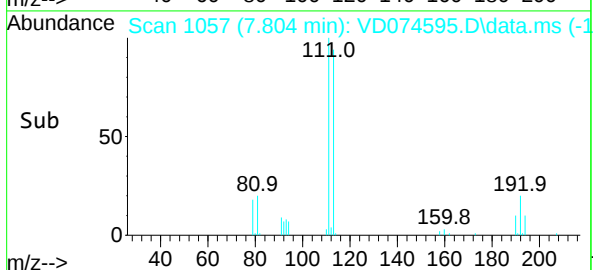
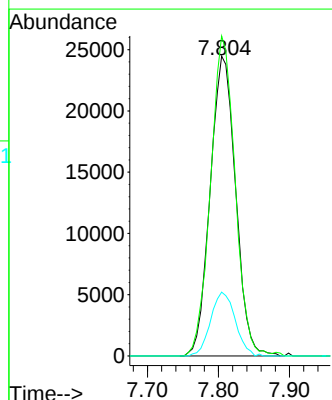
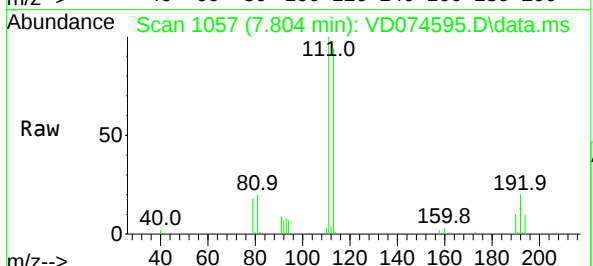
Tgt Ion:113 Resp: 60818

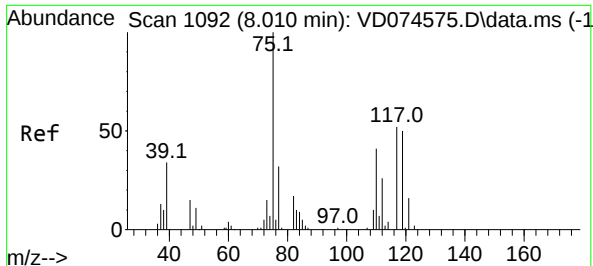
Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 20.6 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.156 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074595.D

Acq: 20 Oct 2022 14:06

Instrument :

MSVOA_D

ClientSampleId :

WC-11

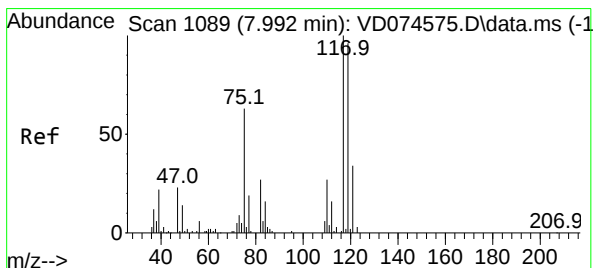
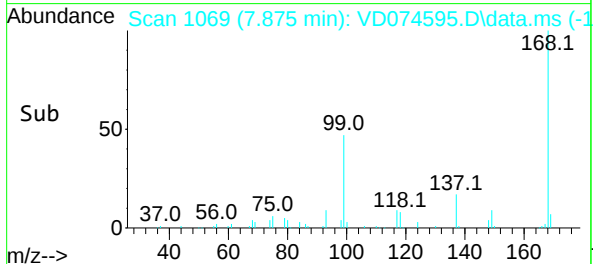
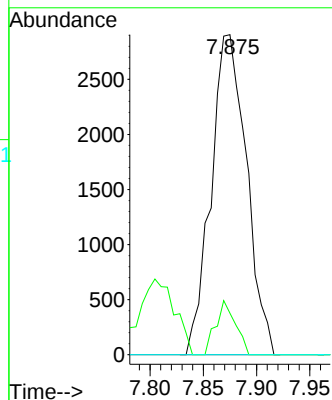
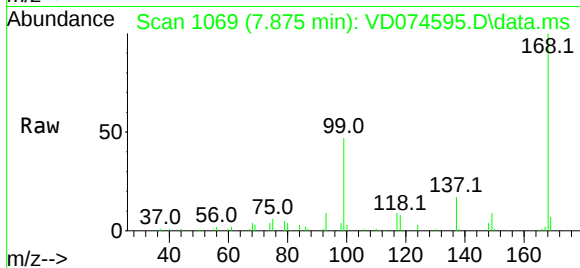
Tgt Ion: 75 Resp: 6726

Ion Ratio Lower Upper

75 100

110 9.4 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.045 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD074595.D

Acq: 20 Oct 2022 14:06

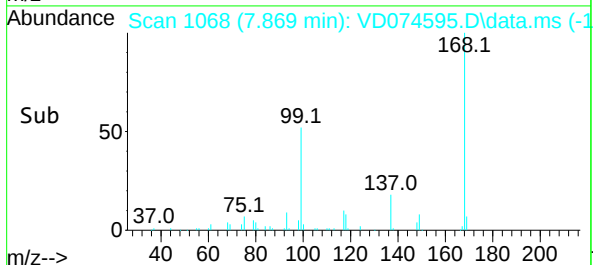
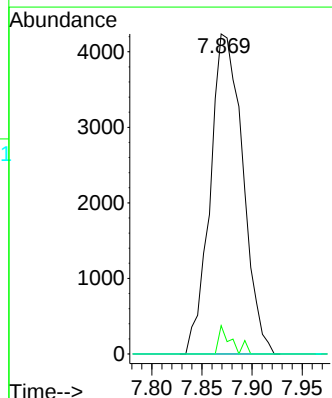
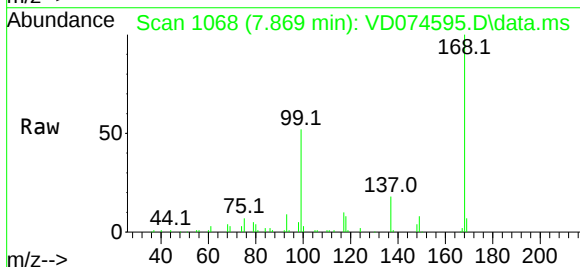
Tgt Ion: 117 Resp: 9581

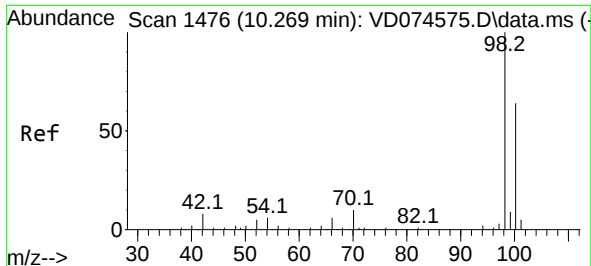
Ion Ratio Lower Upper

117 100

119 8.8 73.1 109.7#

121 0.0 25.0 37.6#

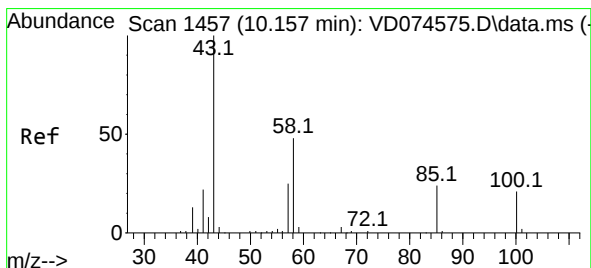
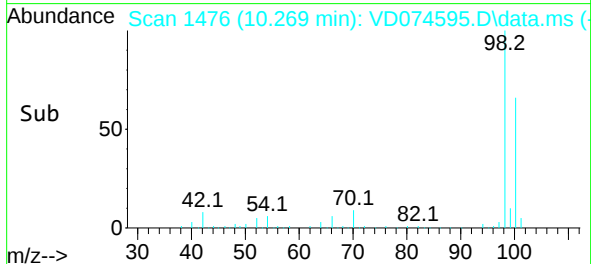
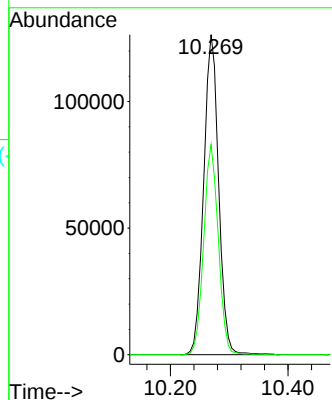
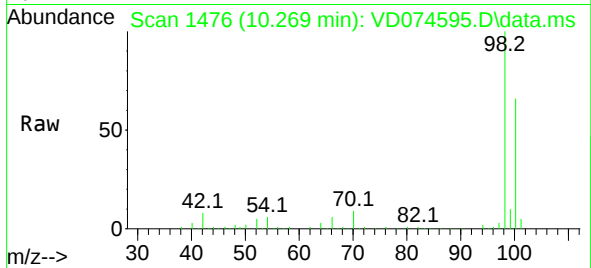




#50
Toluene-d8
Concen: 62.010 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

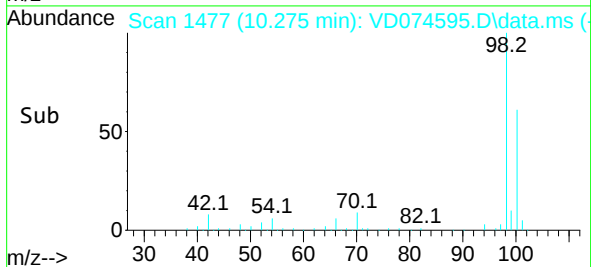
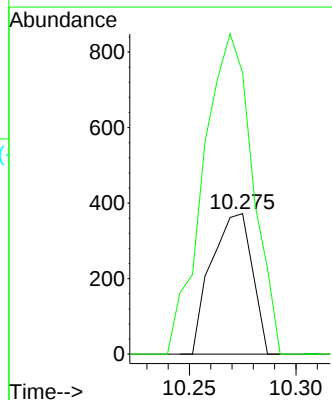
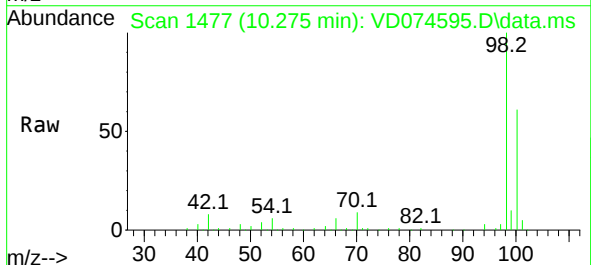
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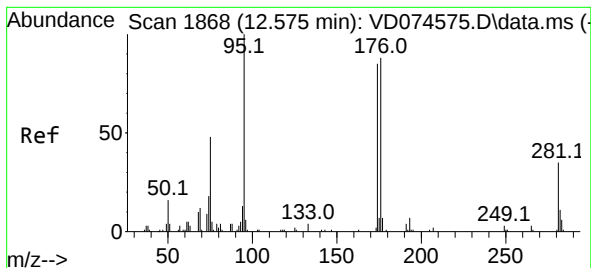
Tgt Ion: 98 Resp: 223620
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.053 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 275.5 37.8 56.6#

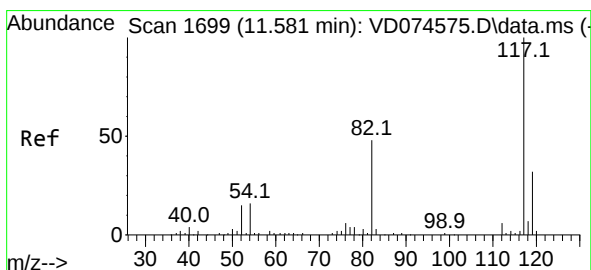
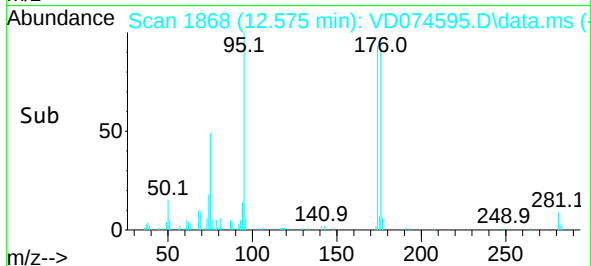
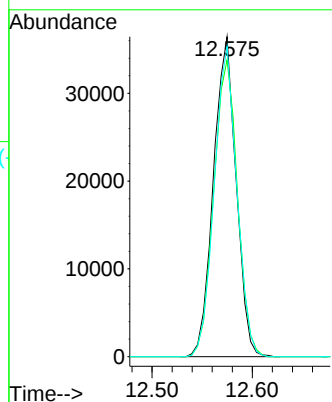
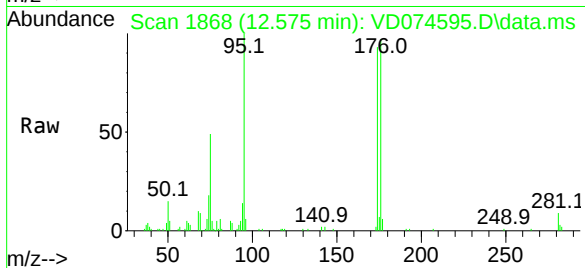




#62
4-Bromofluorobenzene
Concen: 55.202 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

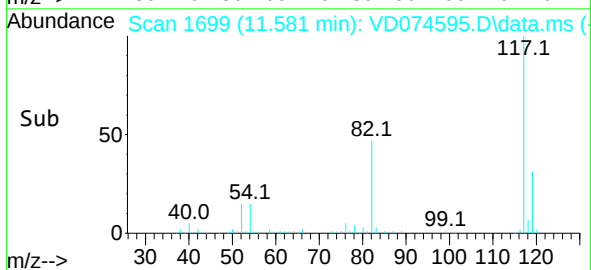
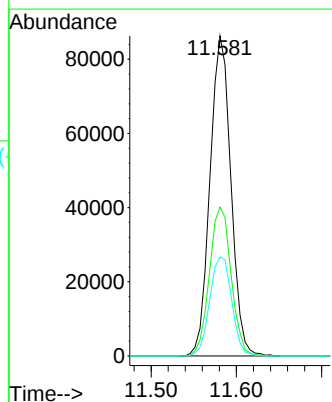
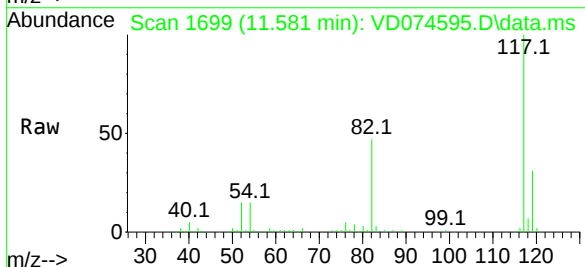
Instrument :
MSVOA_D
ClientSampleId :
WC-11

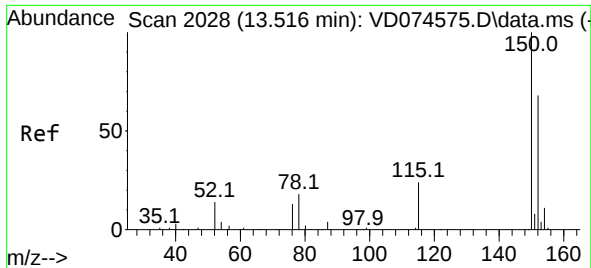
Tgt Ion: 95 Resp: 57060
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.0
176 96.6 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074595.D
Acq: 20 Oct 2022 14:06

Tgt Ion: 117 Resp: 147023
Ion Ratio Lower Upper
117 100
82 46.6 41.6 62.4
119 31.0 25.2 37.8

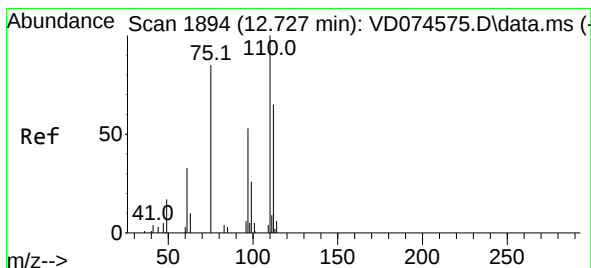
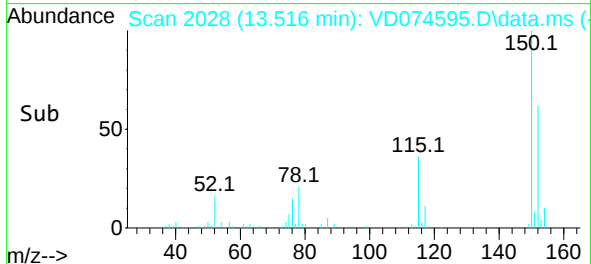
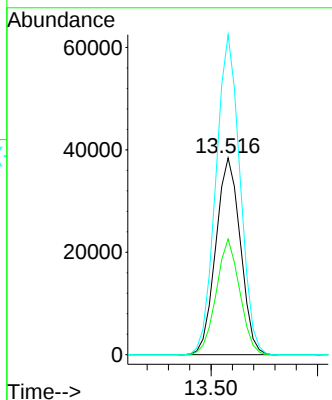
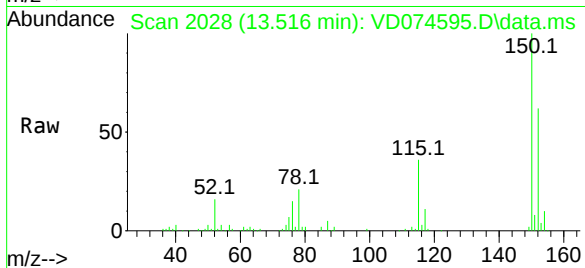




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD074595.D
 Acq: 20 Oct 2022 14:06

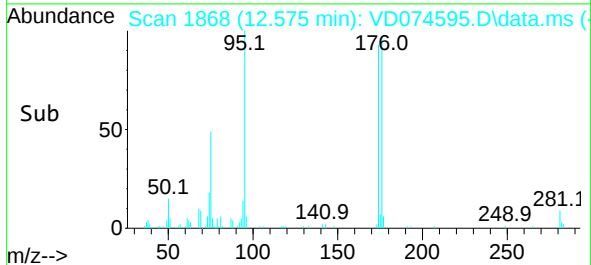
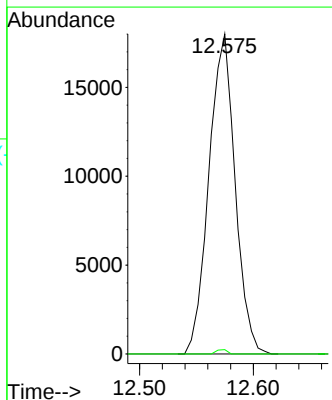
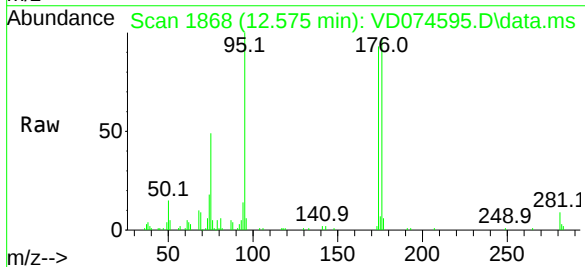
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-11

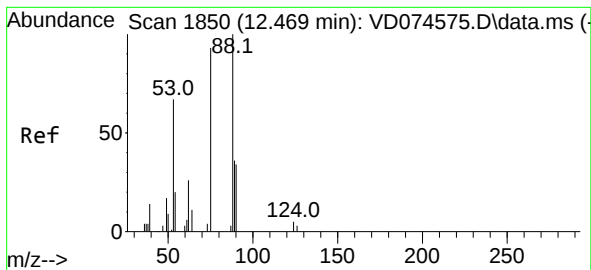
Tgt Ion:152 Resp: 61582
 Ion Ratio Lower Upper
 152 100
 115 56.0 26.8 80.4
 150 159.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 53.664 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.141 min
 Lab File: VD074595.D
 Acq: 20 Oct 2022 14:06

Tgt Ion: 75 Resp: 28856
 Ion Ratio Lower Upper
 75 100
 77 0.6 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.138 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.112 min
 Lab File: VD074595.D
 Acq: 20 Oct 2022 14:06

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-11

Tgt Ion: 75 Resp: 28856
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

