

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078211.D
 Acq On : 23 Jan 2024 16:35
 Operator : RP/MD
 Sample : P1207-03RE
 Misc : 3.58G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EC68-WESTRE

Quant Time: Jan 24 00:23:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

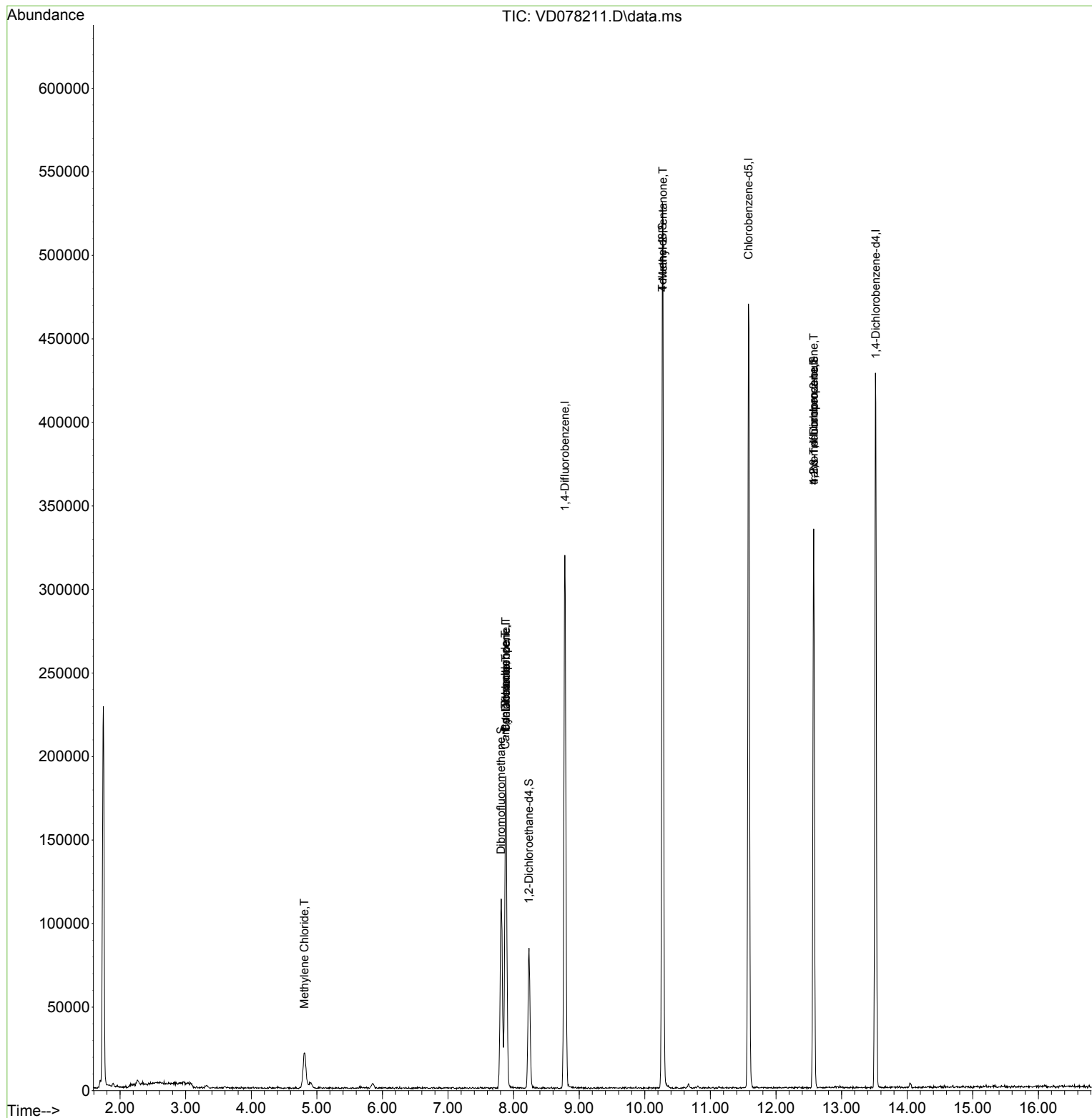
Internal Standards						
1) Pentafluorobenzene	7.881	168	138131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	290727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	112909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62263	39.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.960%
35) Dibromofluoromethane	7.810	113	83954	43.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.760%
50) Toluene-d8	10.269	98	367694	48.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.575	95	103911	47.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.158	50	155	Below Cal	#	41
16) Acetone	4.011	43	79	Below Cal	#	32
20) Methylene Chloride	4.811	84	17501	5.200	ug/l	93
31) Cyclohexane	7.881	56	3401	1.166	ug/l #	63
36) 1,1-Dichloropropene	7.881	75	12048	3.829	ug/l #	47
38) Carbon Tetrachloride	7.875	117	14649	4.714	ug/l #	16
51) 4-Methyl-2-Pentanone	10.275	43	1601	1.420	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	56025	51.734	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	56025	111.437	ug/l #	17

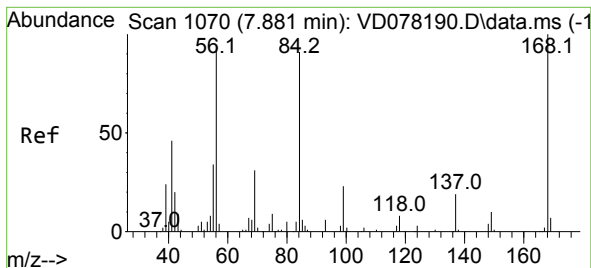
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD078211.D

Acq: 23 Jan 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

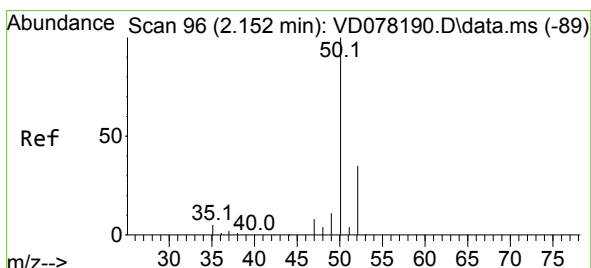
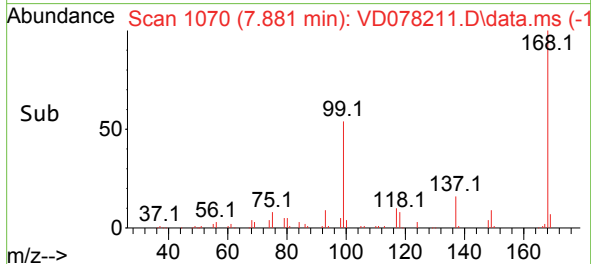
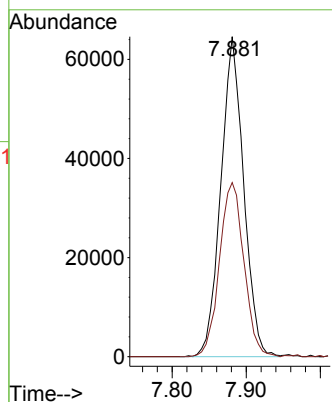
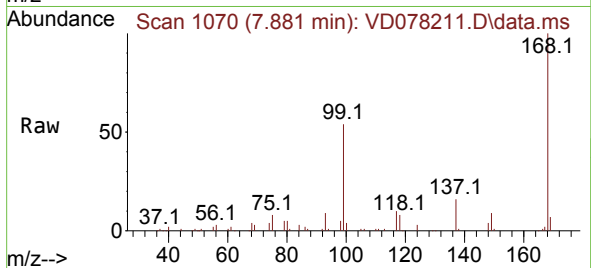
EC68-WESTRE

Tgt Ion:168 Resp: 138131

Ion Ratio Lower Upper

168 100

99 54.4 36.7 55.1



#3

Chloromethane

Concen: Below Cal

RT: 2.158 min Scan# 97

Delta R.T. 0.006 min

Lab File: VD078211.D

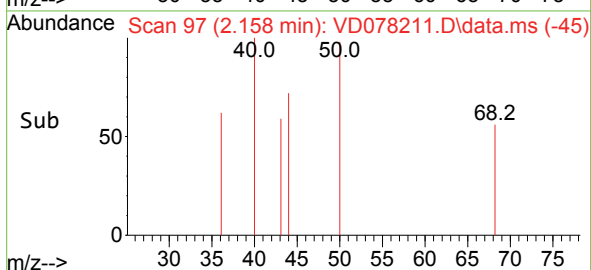
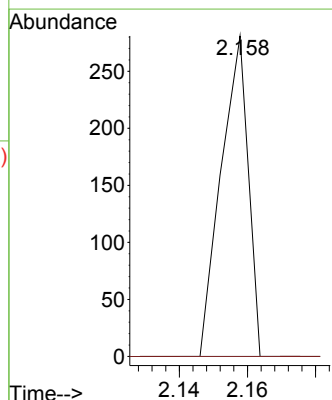
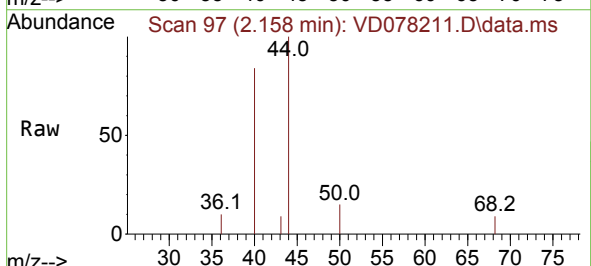
Acq: 23 Jan 2024 16:35

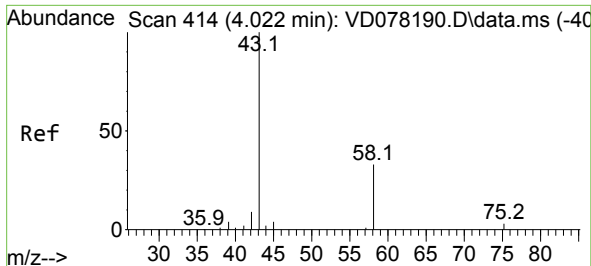
Tgt Ion: 50 Resp: 155

Ion Ratio Lower Upper

50 100

52 0.0 26.6 40.0#

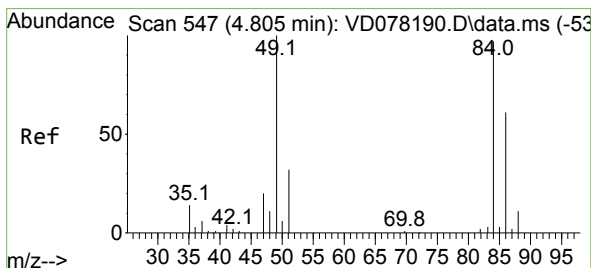
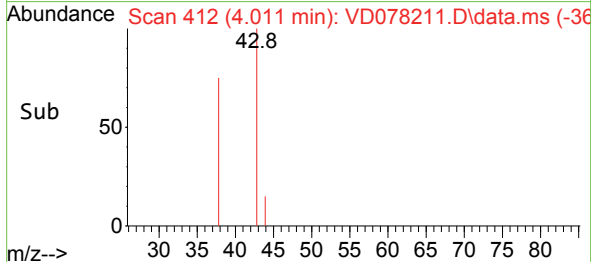
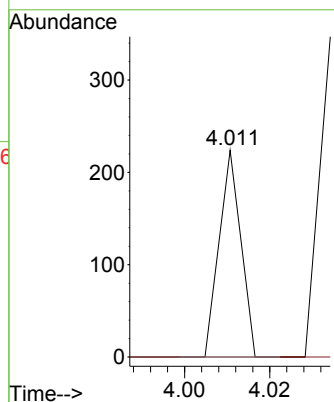
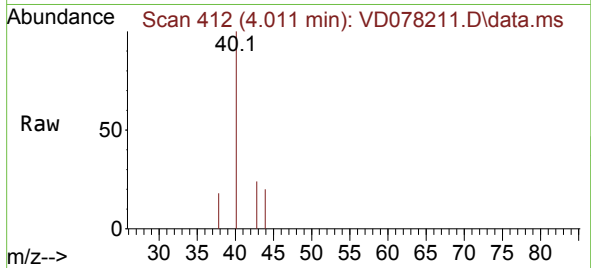




#16
Acetone
Concen: Below Cal
RT: 4.011 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

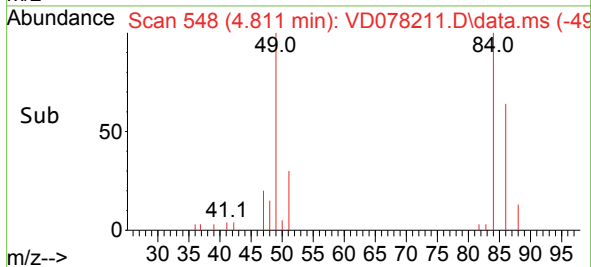
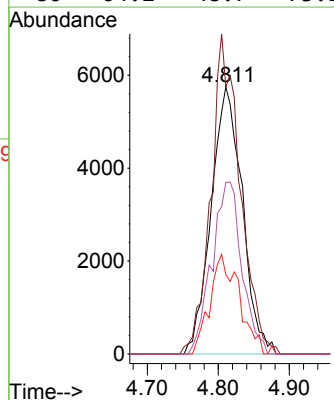
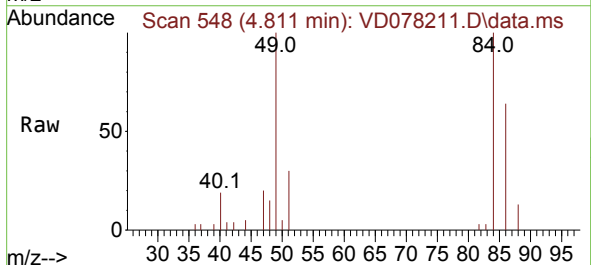
Instrument :
MSVOA_D
ClientSampleId :
EC68-WESTRE

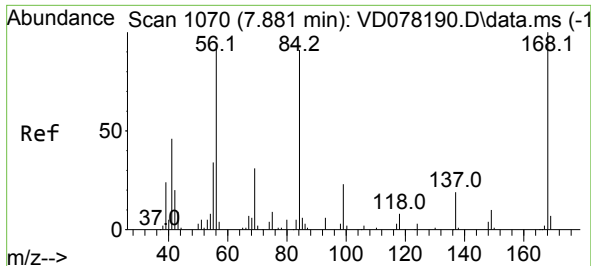
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 5.200 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

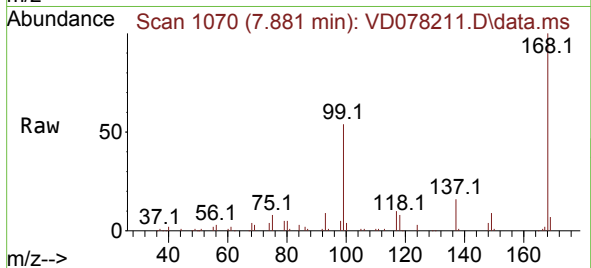
Tgt Ion: 84 Resp: 17501
Ion Ratio Lower Upper
84 100
49 100.0 71.4 107.2
51 29.8 24.5 36.7
86 64.2 48.7 73.1



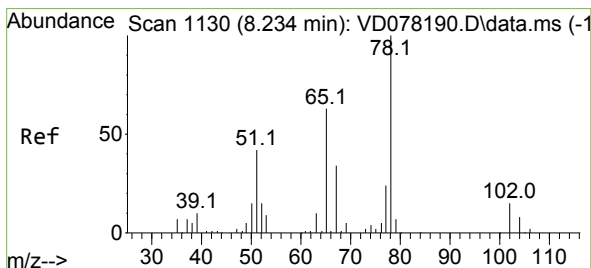
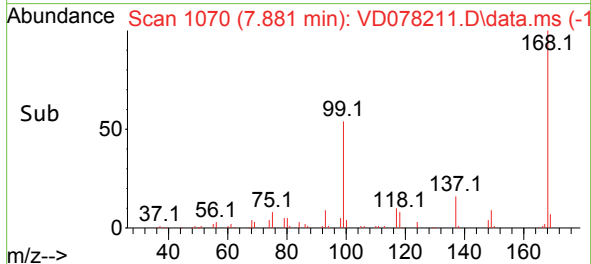
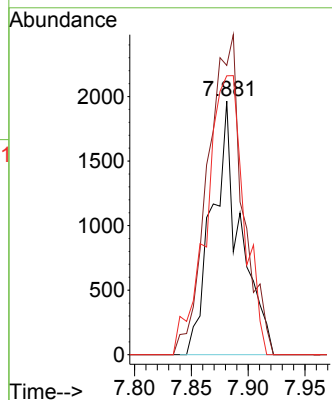


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

Instrument :
MSVOA_D
ClientSampleId :
EC68-WESTRE

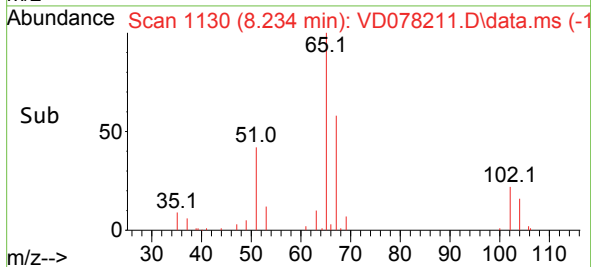
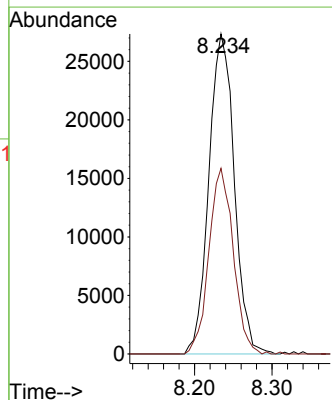
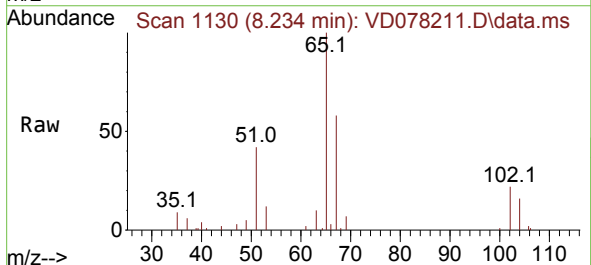


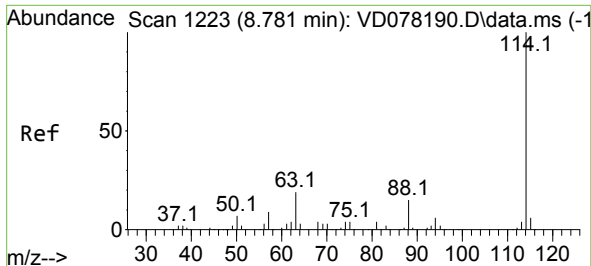
Tgt Ion: 56 Resp: 3401
Ion Ratio Lower Upper
56 100
69 114.0 28.6 43.0#
84 109.9 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 39.484 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

Tgt Ion: 65 Resp: 62263
Ion Ratio Lower Upper
65 100
67 55.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078211.D

Acq: 23 Jan 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

EC68-WESTRE

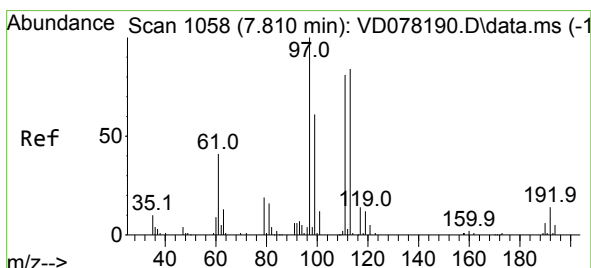
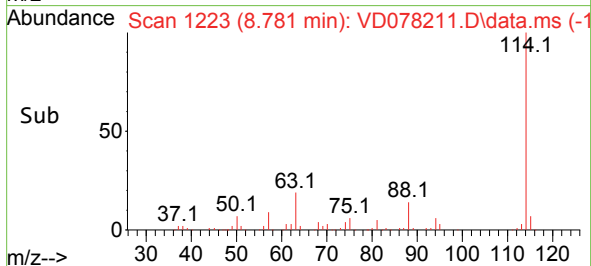
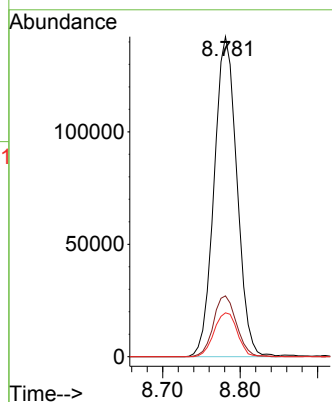
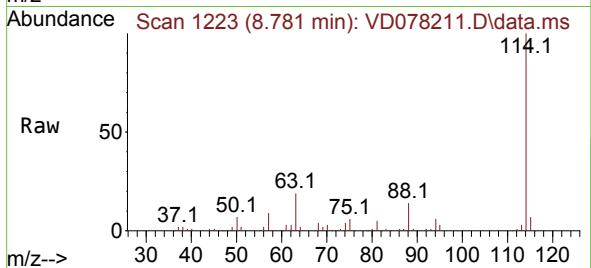
Tgt Ion:114 Resp: 290727

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.877 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078211.D

Acq: 23 Jan 2024 16:35

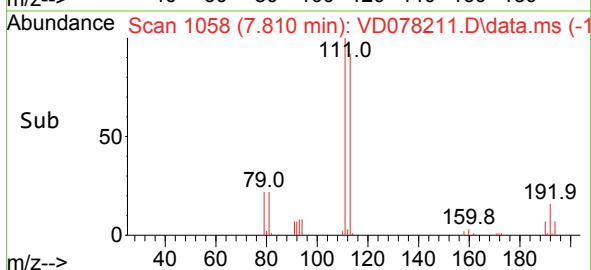
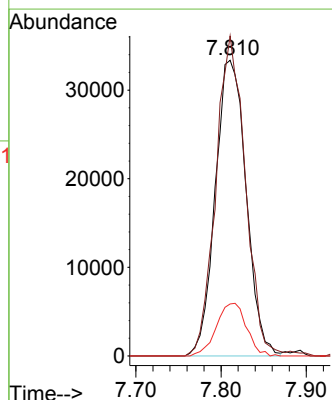
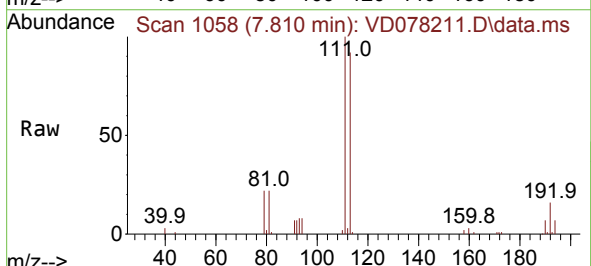
Tgt Ion:113 Resp: 83954

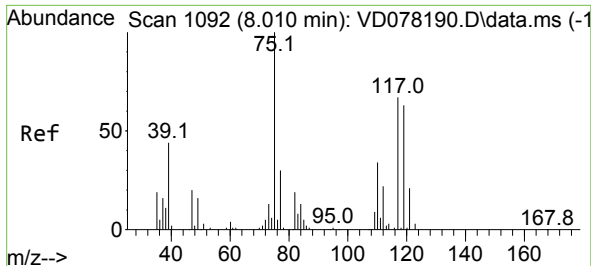
Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 17.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.829 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD078211.D

Acq: 23 Jan 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

EC68-WESTRE

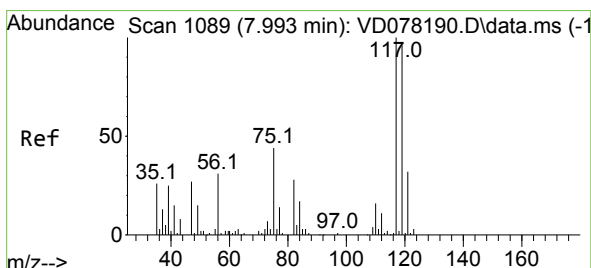
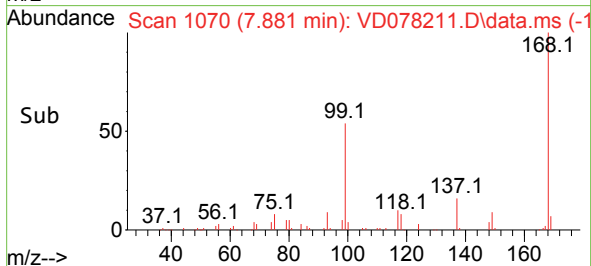
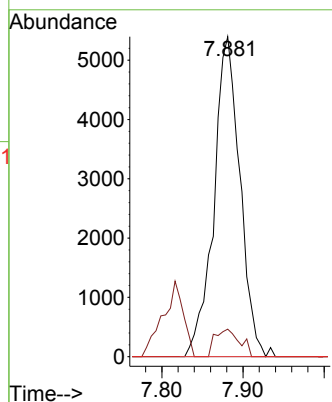
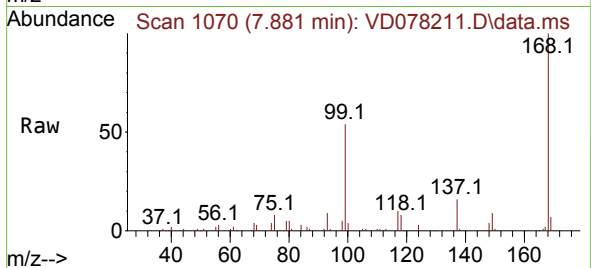
Tgt Ion: 75 Resp: 12048

Ion Ratio Lower Upper

75 100

110 8.1 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.714 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078211.D

Acq: 23 Jan 2024 16:35

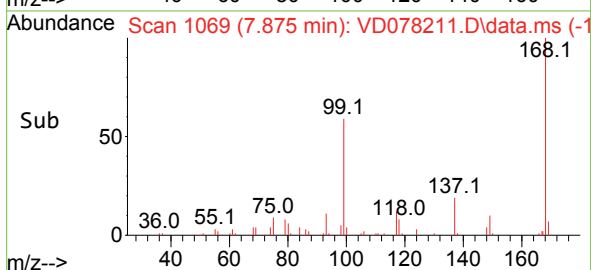
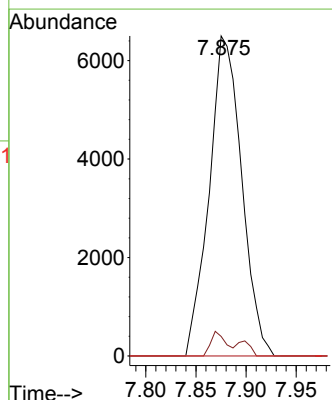
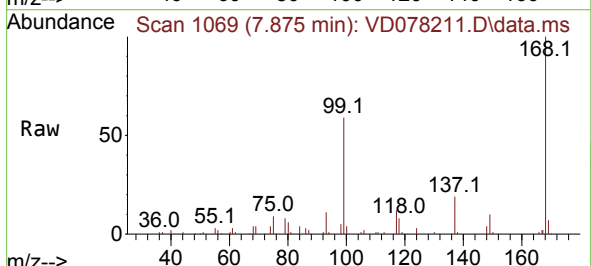
Tgt Ion: 117 Resp: 14649

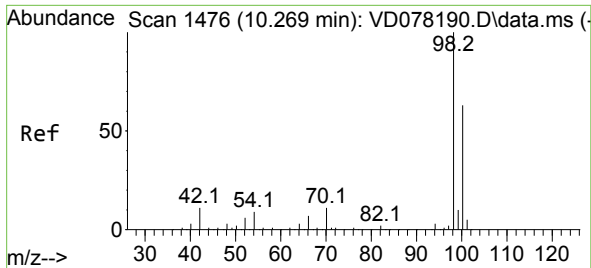
Ion Ratio Lower Upper

117 100

119 6.1 78.0 117.0#

121 0.0 24.2 36.2#

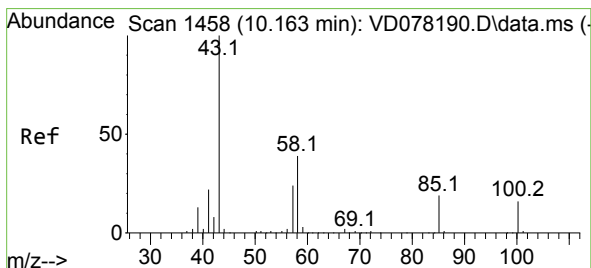
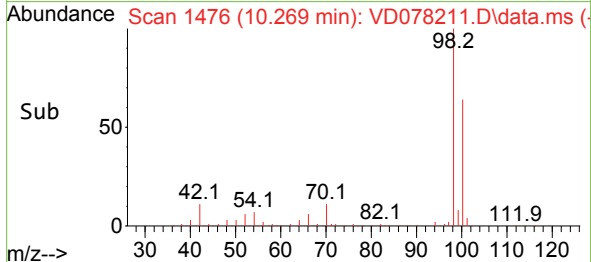
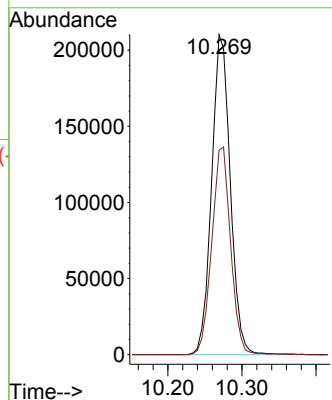
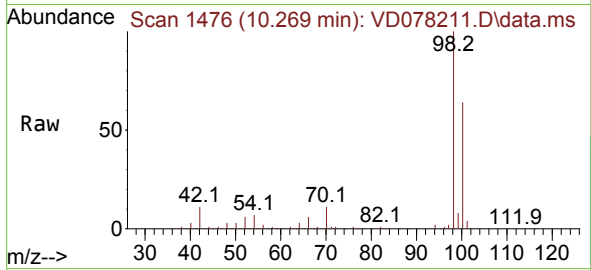




#50
Toluene-d8
Concen: 48.532 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

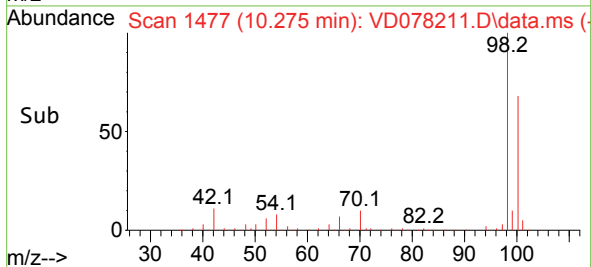
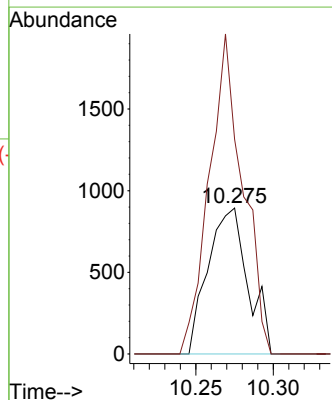
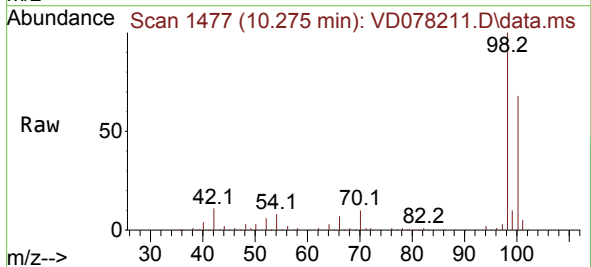
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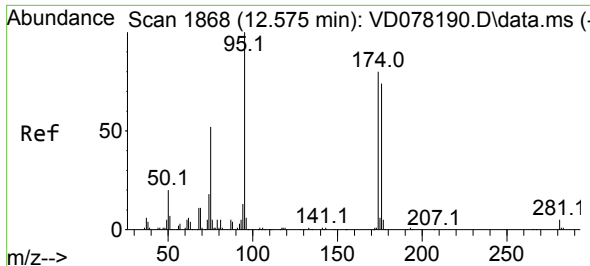
Tgt Ion: 98 Resp: 367694
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.420 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 184.0 38.9 58.3#

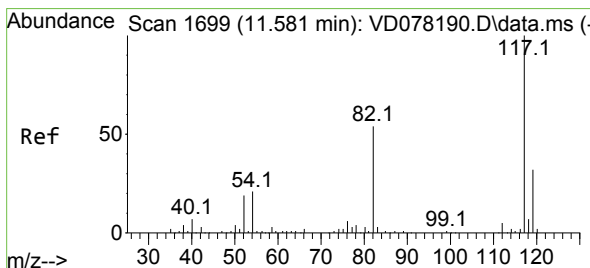
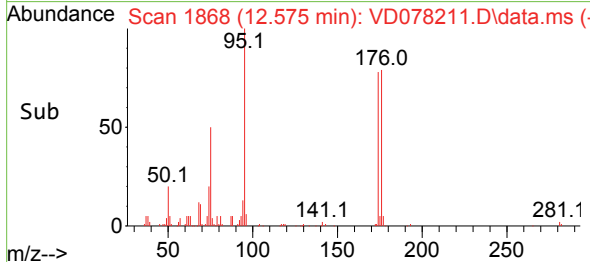
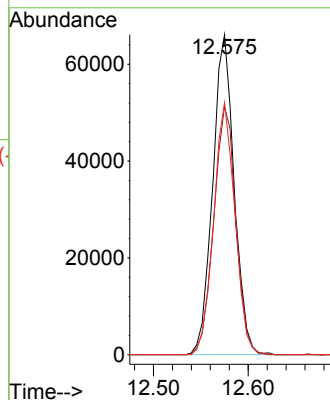
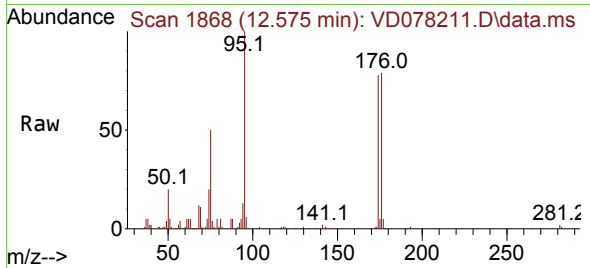




#62
4-Bromofluorobenzene
Concen: 47.294 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

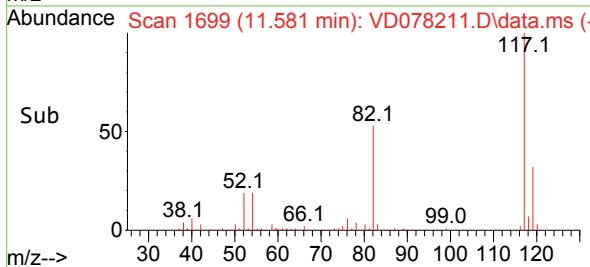
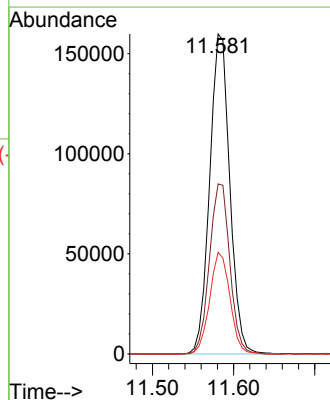
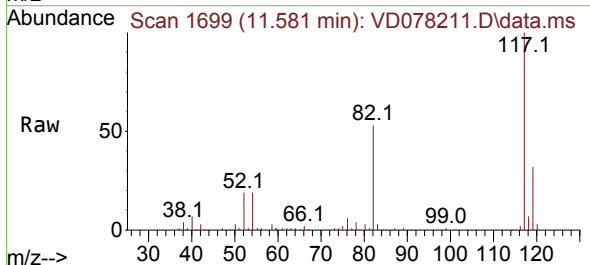
Instrument :
MSVOA_D
ClientSampleId :
EC68-WESTRE

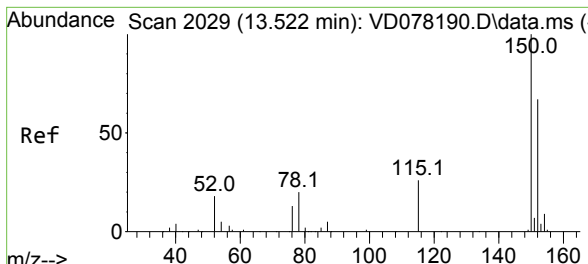
Tgt Ion: 95 Resp: 103911
Ion Ratio Lower Upper
95 100
174 79.5 0.0 201.8
176 78.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

Tgt Ion: 117 Resp: 274857
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 31.8 25.0 37.4

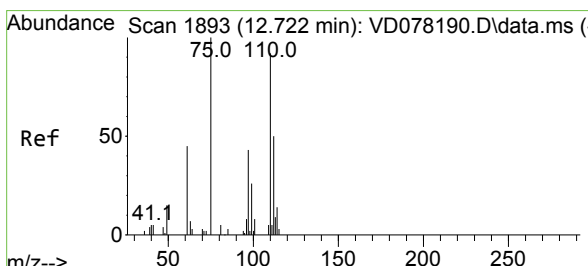
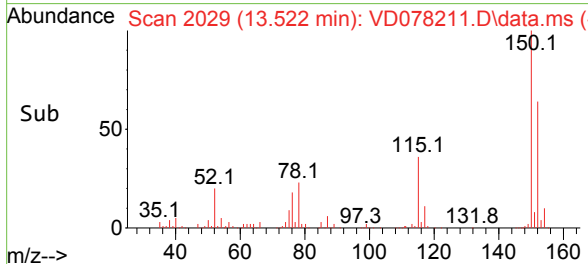
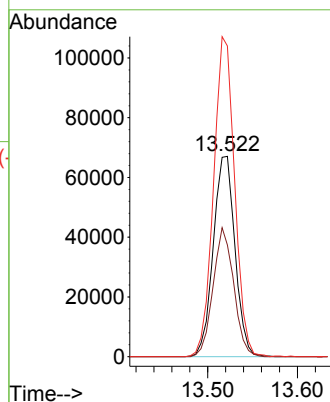
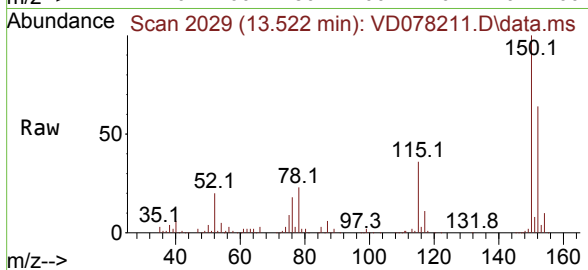




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078211.D
 Acq: 23 Jan 2024 16:35

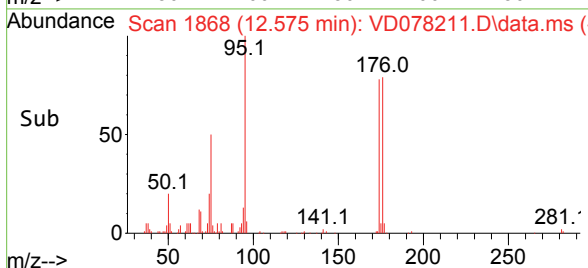
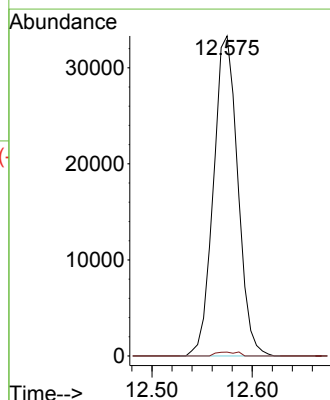
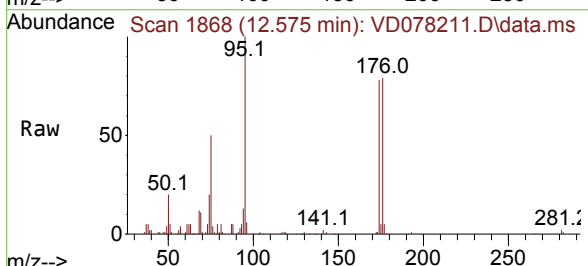
Instrument :
 MSVOA_D
 ClientSampleId :
 EC68-WESTRE

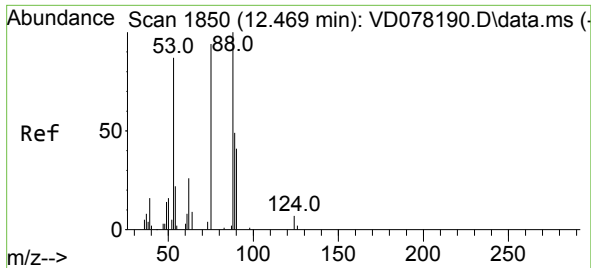
Tgt Ion:152 Resp: 112909
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.1 81.3
 150 154.7 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 51.734 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078211.D
 Acq: 23 Jan 2024 16:35

Tgt Ion: 75 Resp: 56025
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.437 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078211.D
 Acq: 23 Jan 2024 16:35

Instrument :
 MSVOA_D
 ClientSampleId :
 EC68-WESTRE

Tgt Ion:	75	Resp:	56025
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.0	37.9	56.9#

