

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078877.D
 Acq On : 07 May 2024 13:49
 Operator : RP/MD
 Sample : P2398-03
 Misc : 5.72G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-KK-VOC

Quant Time: May 08 04:21:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

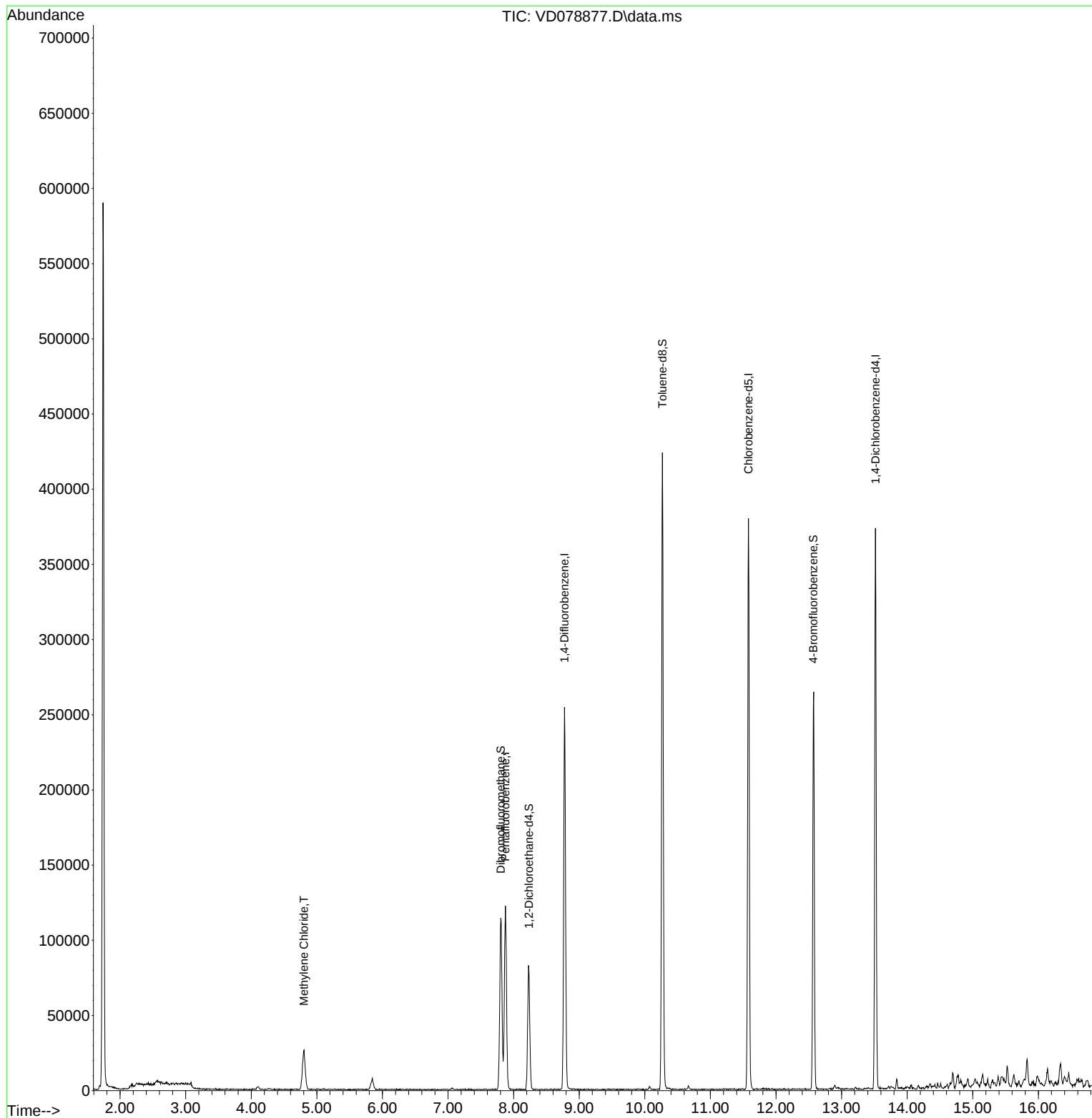
Internal Standards						
1) Pentafluorobenzene	7.875	168	97462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	233880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63796	58.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.940%
35) Dibromofluoromethane	7.805	113	83143	48.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.269	98	298867	45.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.700%
62) 4-Bromofluorobenzene	12.569	95	81763	43.351	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.700%
Target Compounds						
20) Methylene Chloride	4.805	84	22786	14.129	ug/l	Qvalue 92

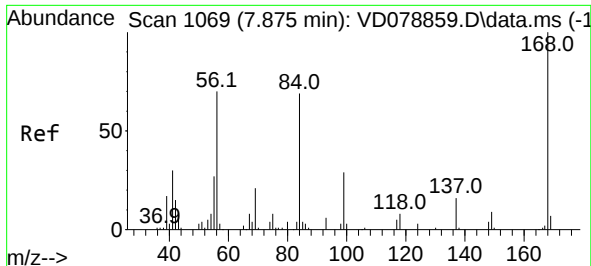
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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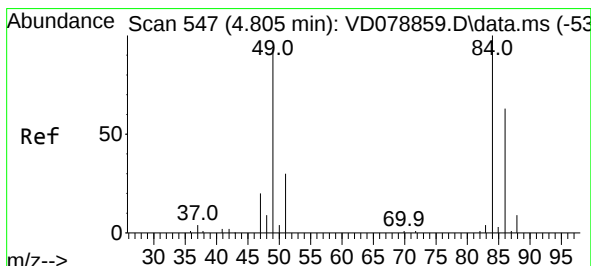
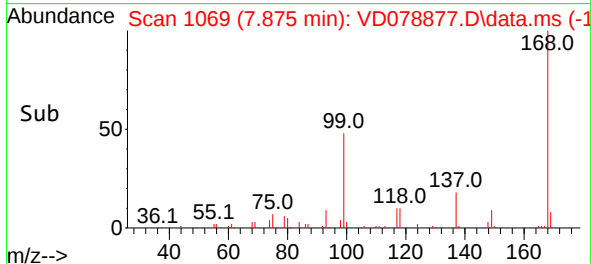
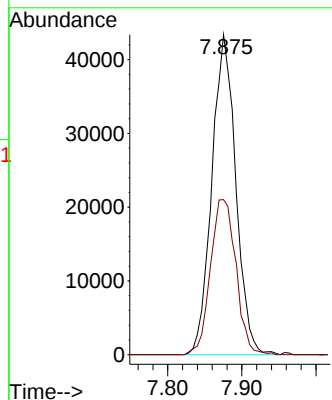
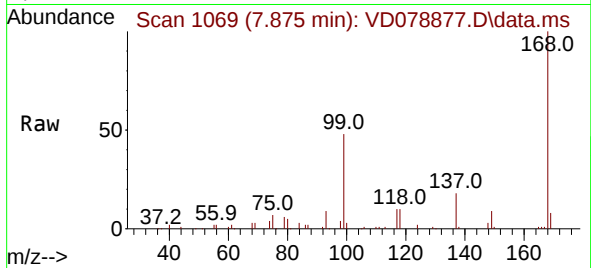




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078877.D
Acq: 07 May 2024 13:49

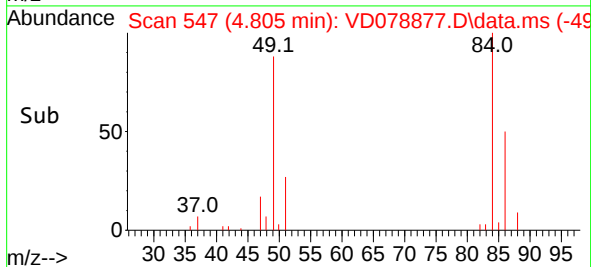
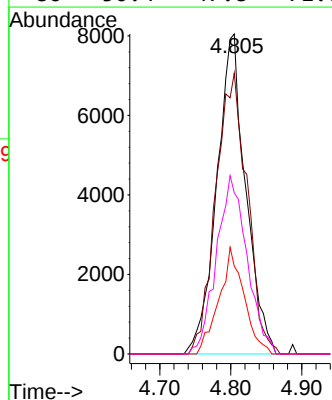
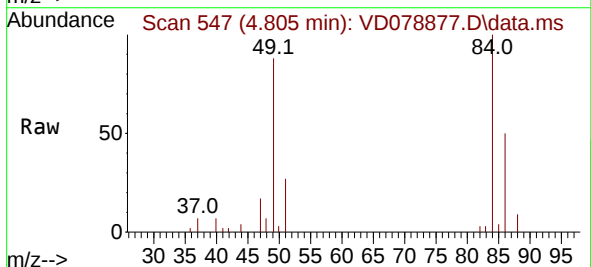
Instrument :
MSVOA_D
ClientSampleId :
WC-KK-VOC

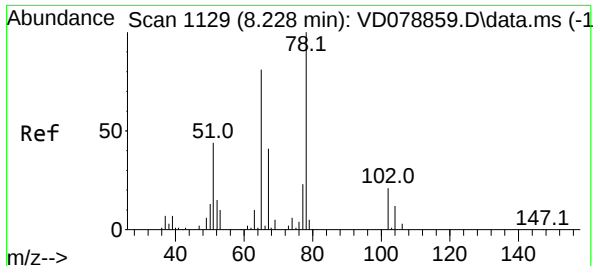
Tgt Ion:168 Resp: 97462
Ion Ratio Lower Upper
168 100
99 48.5 38.8 58.2



#20
Methylene Chloride
Concen: 14.129 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078877.D
Acq: 07 May 2024 13:49

Tgt Ion: 84 Resp: 22786
Ion Ratio Lower Upper
84 100
49 87.8 75.6 113.4
51 27.4 23.4 35.0
86 50.4 47.8 71.6





#33

1,2-Dichloroethane-d4

Concen: 58.973 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078877.D

Acq: 07 May 2024 13:49

Instrument :

MSVOA_D

ClientSampleId :

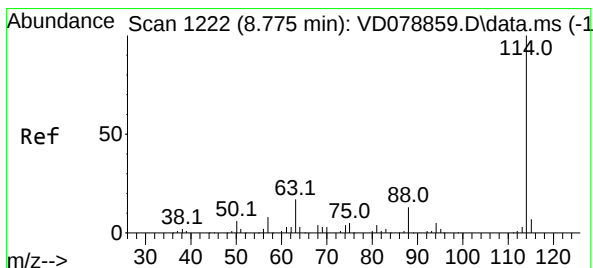
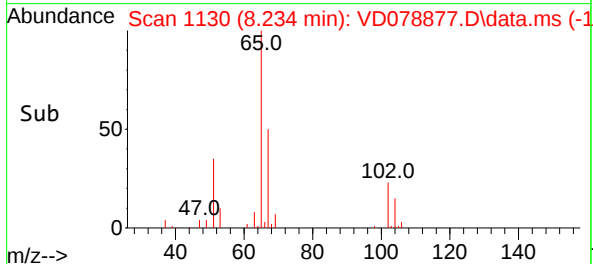
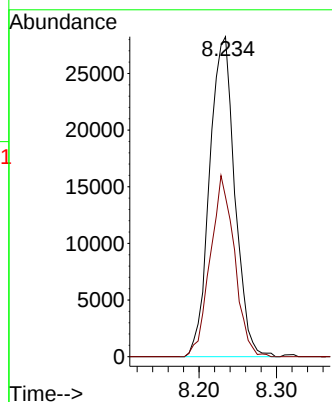
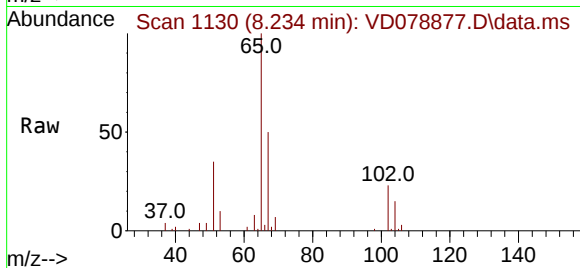
WC-KK-VOC

Tgt Ion: 65 Resp: 63796

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078877.D

Acq: 07 May 2024 13:49

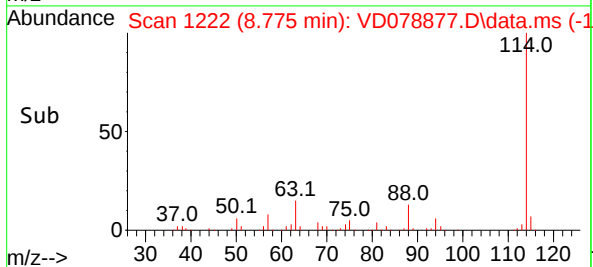
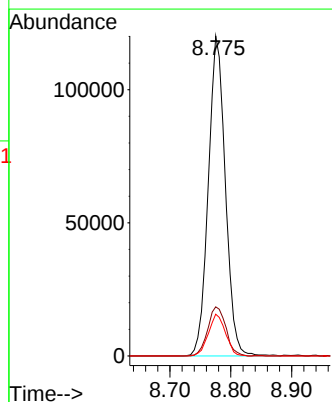
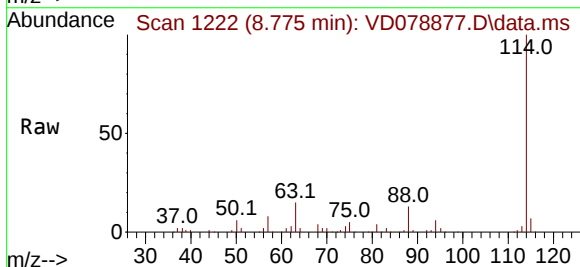
Tgt Ion: 114 Resp: 233880

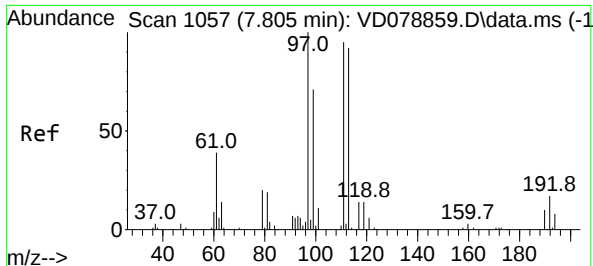
Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.4

88 13.0 0.0 24.6

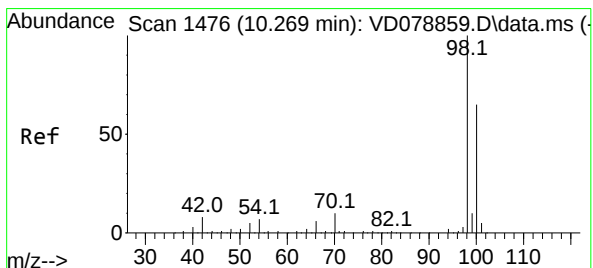
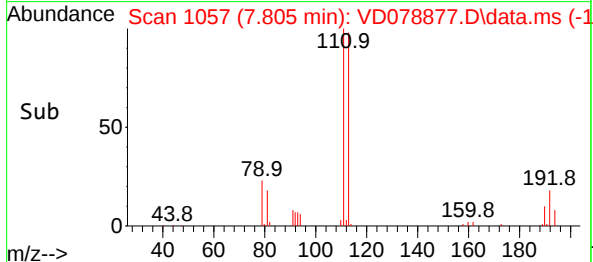
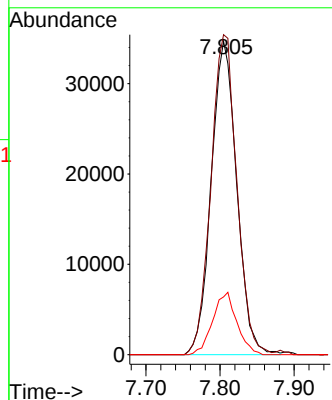
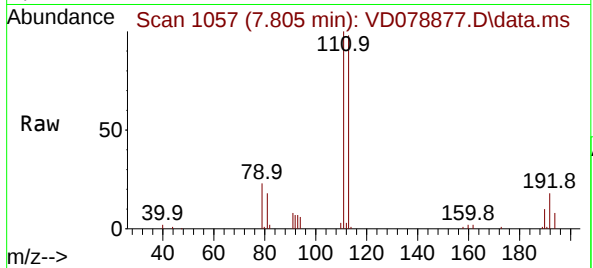




#35
Dibromofluoromethane
Concen: 48.417 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078877.D
Acq: 07 May 2024 13:49

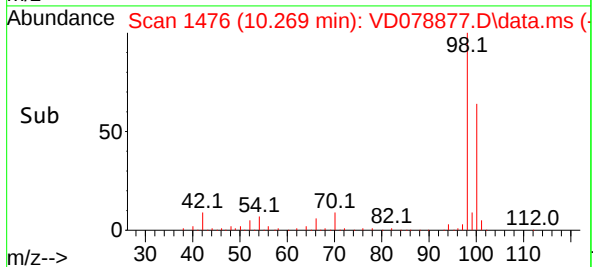
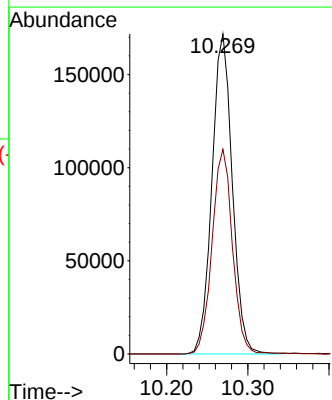
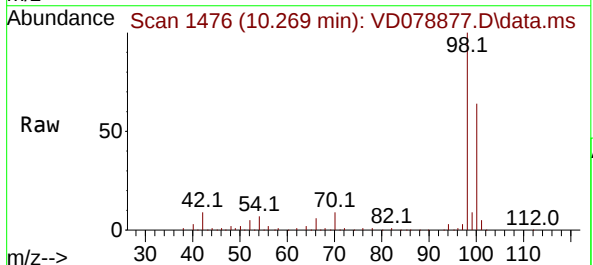
Instrument :
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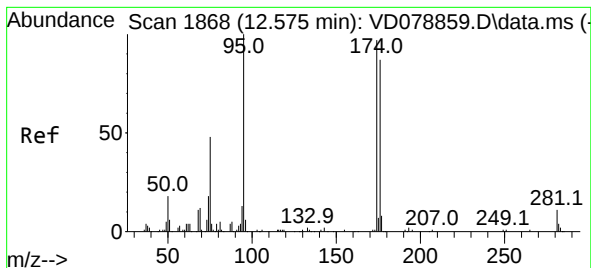
Tgt Ion:	113	Resp:	83143
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.9	122.9
192	18.8	15.4	23.0



#50
Toluene-d8
Concen: 45.351 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078877.D
Acq: 07 May 2024 13:49

Tgt Ion:	98	Resp:	298867
Ion Ratio	Lower	Upper	
98	100		
100	64.0	50.5	75.7

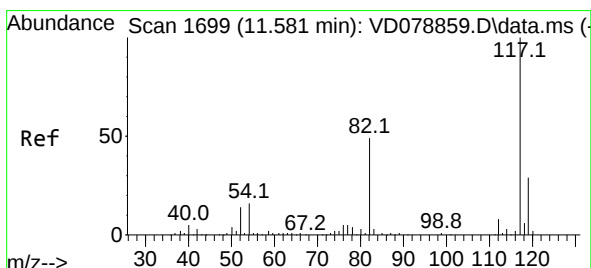
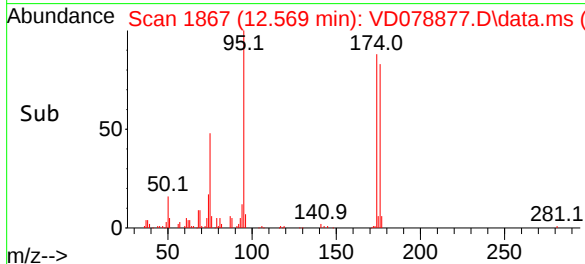
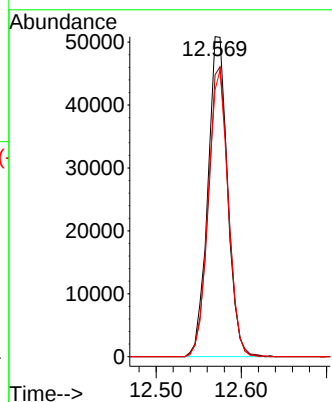
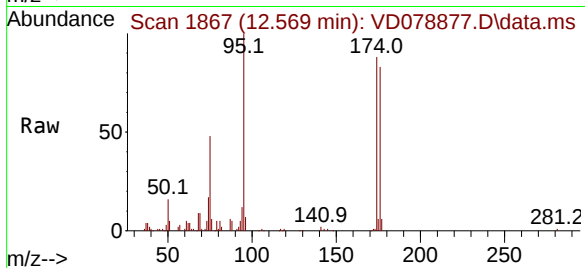




#62
4-Bromofluorobenzene
Concen: 43.351 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078877.D
Acq: 07 May 2024 13:49

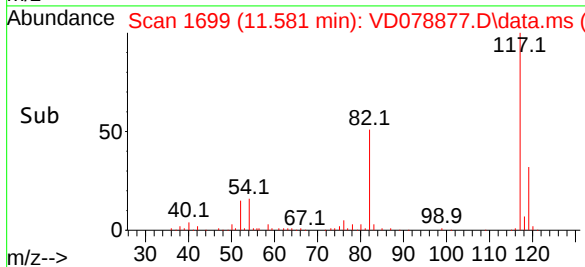
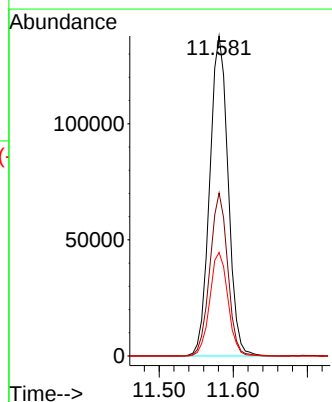
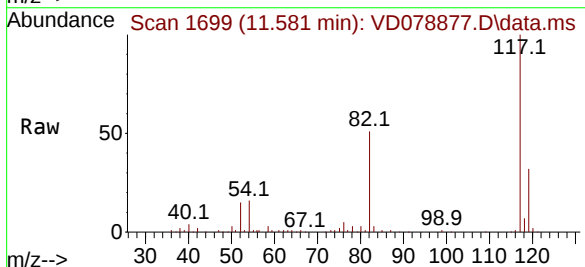
Instrument :
MSVOA_D
ClientSampleId :
WC-KK-VOC

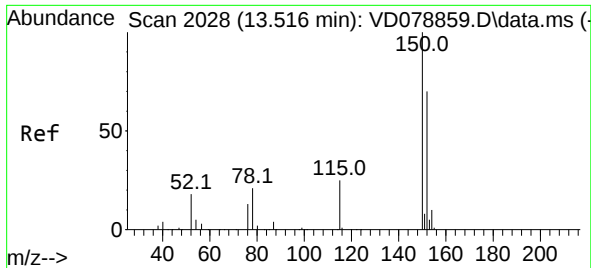
Tgt Ion: 95 Resp: 81763
Ion Ratio Lower Upper
95 100
174 92.3 0.0 195.2
176 90.7 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078877.D
Acq: 07 May 2024 13:49

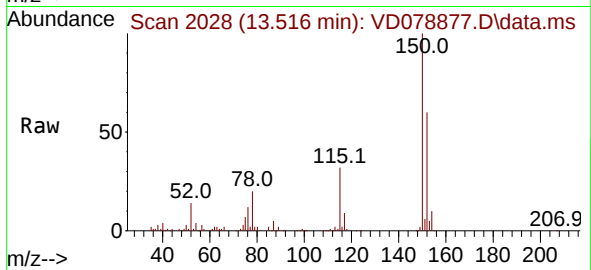
Tgt Ion: 117 Resp: 237503
Ion Ratio Lower Upper
117 100
82 51.0 41.4 62.2
119 32.3 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078877.D
 Acq: 07 May 2024 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-KK-VOC



Tgt Ion:152 Resp: 103657

Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.1	81.2
150	158.9	0.0	350.2

