

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078945.D
 Acq On : 16 May 2024 14:07
 Operator : RP/MD
 Sample : P2476-03
 Misc : 5.67G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-GRAB

Quant Time: May 17 06:10:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

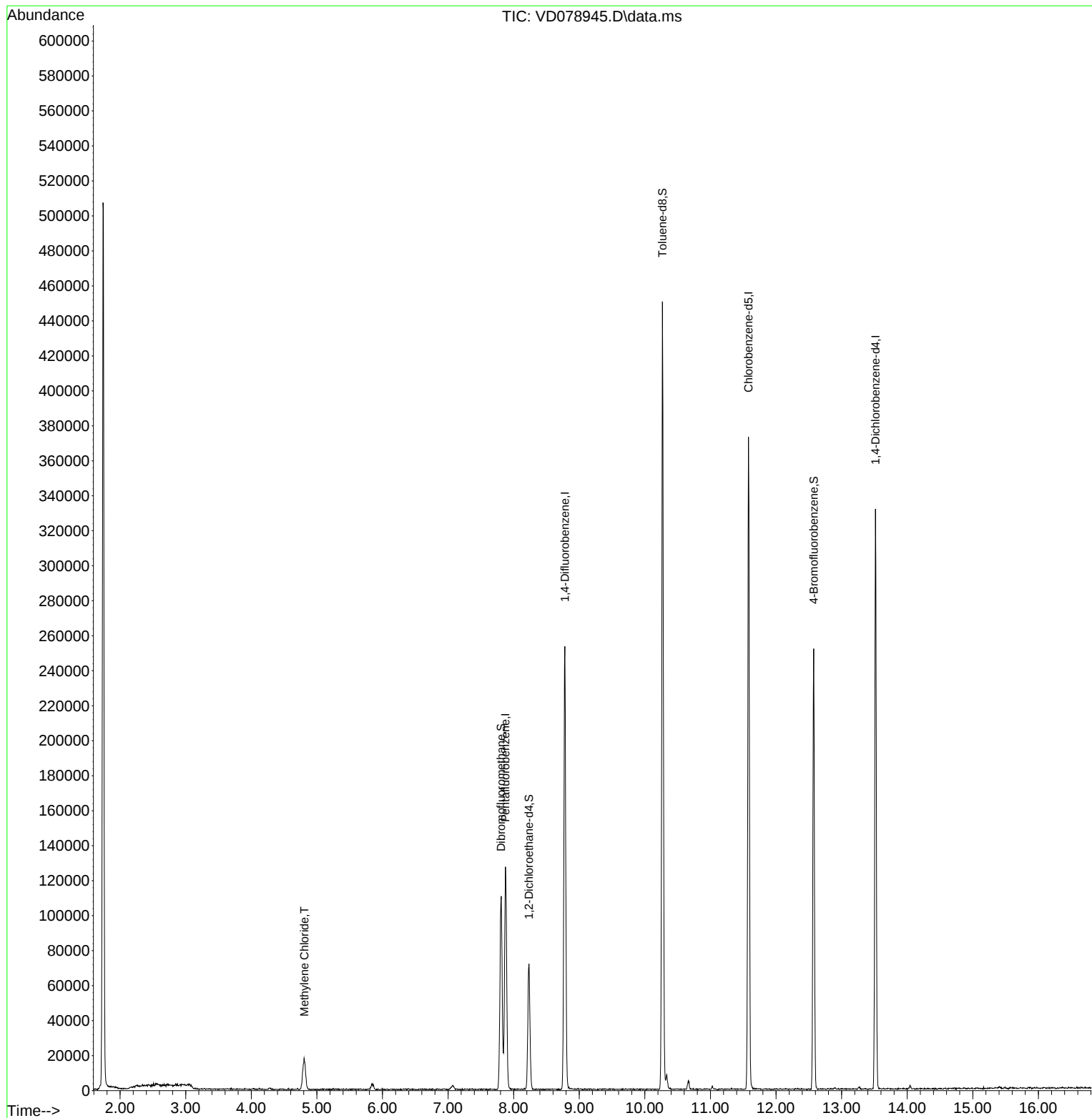
Internal Standards						
1) Pentafluorobenzene	7.875	168	102775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	240044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57637	59.788	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	119.580%	
35) Dibromofluoromethane	7.810	113	81585	51.058	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.120%	
50) Toluene-d8	10.269	98	307681	51.364	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	102.720%	
62) 4-Bromofluorobenzene	12.575	95	73334	43.578	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	87.160%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	15341	7.590	ug/l	97

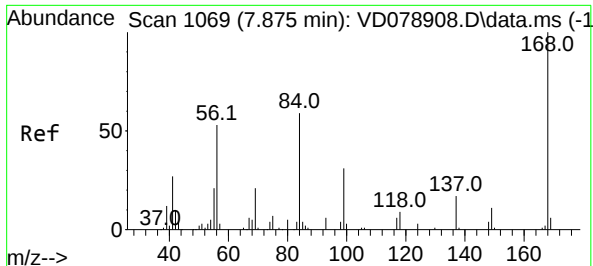
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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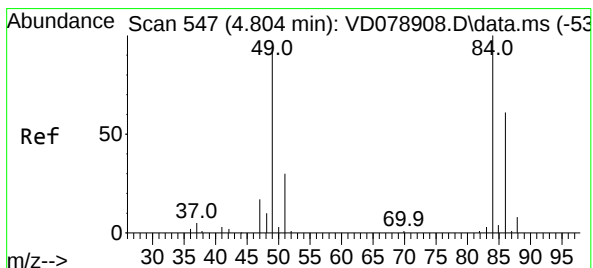
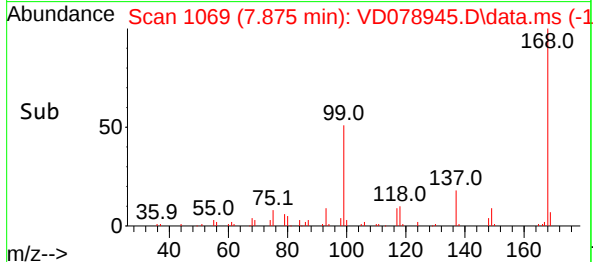
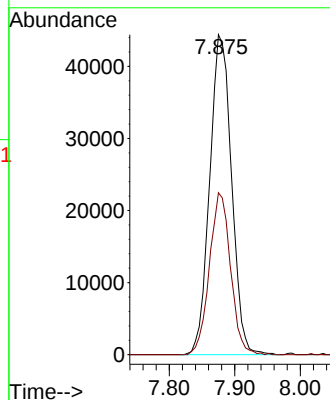
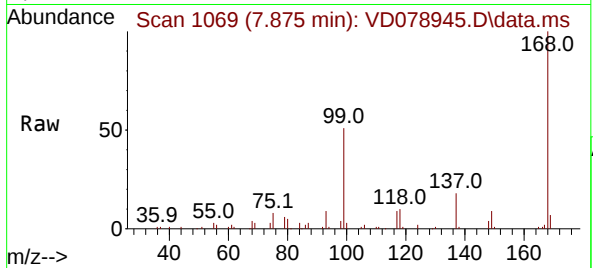




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

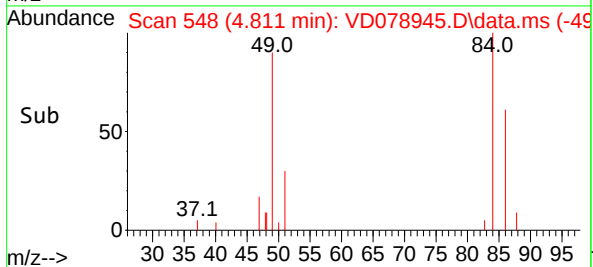
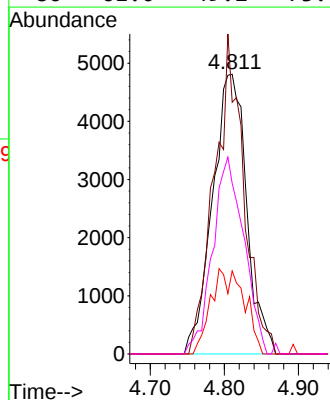
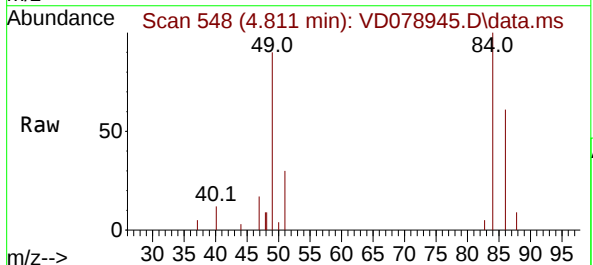
Instrument :
MSVOA_D
ClientSampleId :
WC-1-GRAB

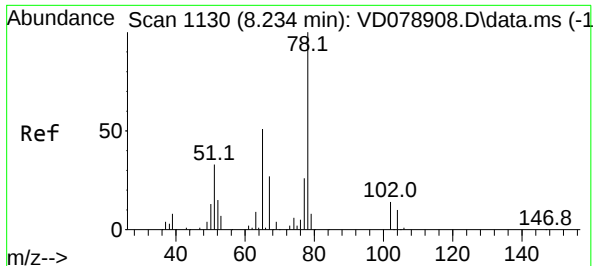
Tgt Ion:168 Resp: 102775
Ion Ratio Lower Upper
168 100
99 50.6 41.1 61.7



#20
Methylene Chloride
Concen: 7.590 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.007 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

Tgt Ion: 84 Resp: 15341
Ion Ratio Lower Upper
84 100
49 90.0 75.6 113.4
51 29.7 24.2 36.2
86 61.0 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 59.788 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078945.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_D

ClientSampleId :

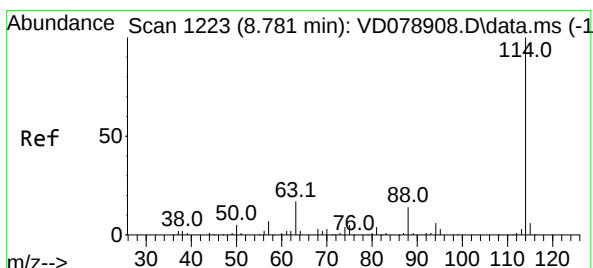
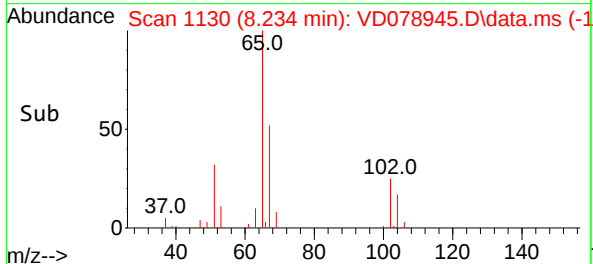
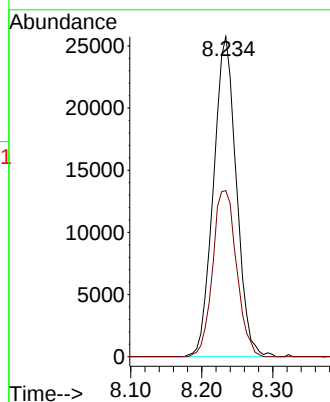
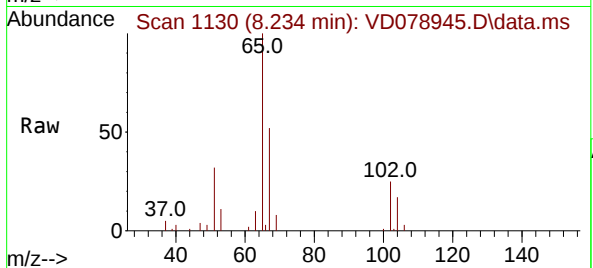
WC-1-GRAB

Tgt Ion: 65 Resp: 57637

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078945.D

Acq: 16 May 2024 14:07

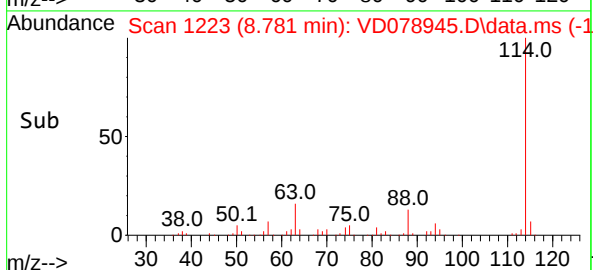
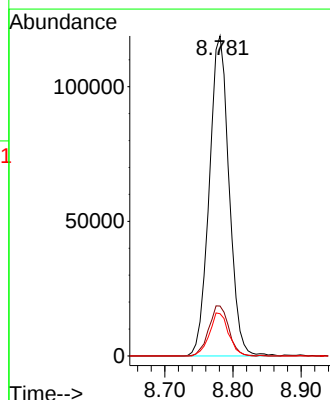
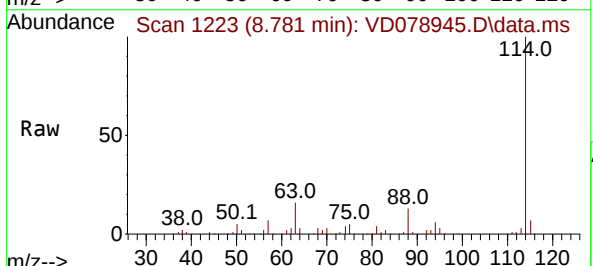
Tgt Ion: 114 Resp: 240044

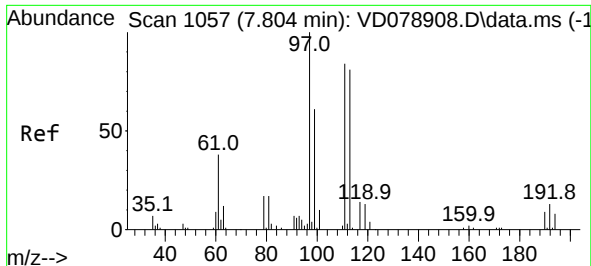
Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 13.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.058 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078945.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_D

ClientSampleId :

WC-1-GRAB

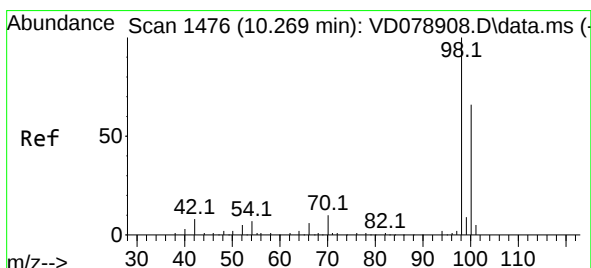
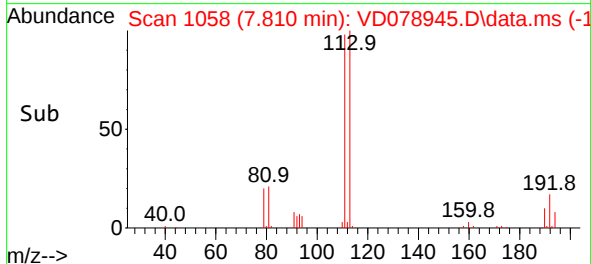
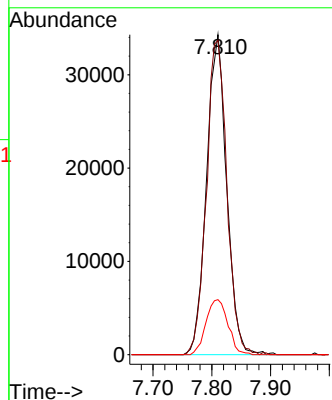
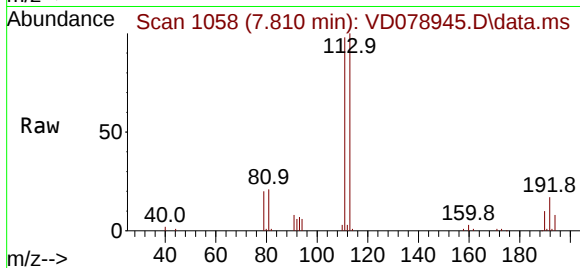
Tgt Ion:113 Resp: 81585

Ion Ratio Lower Upper

113 100

111 99.9 84.0 126.0

192 18.7 15.4 23.0



#50

Toluene-d8

Concen: 51.364 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078945.D

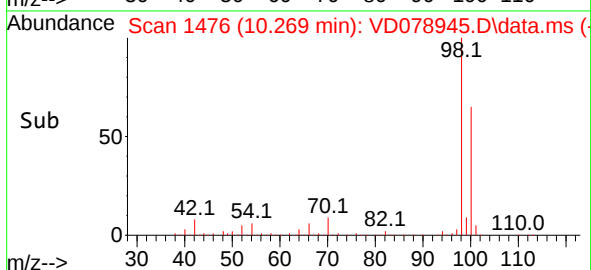
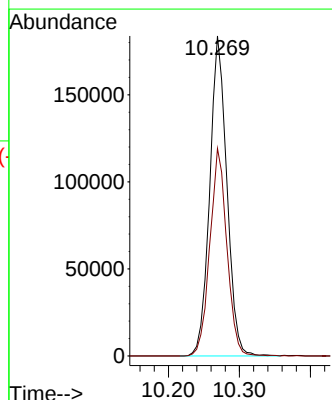
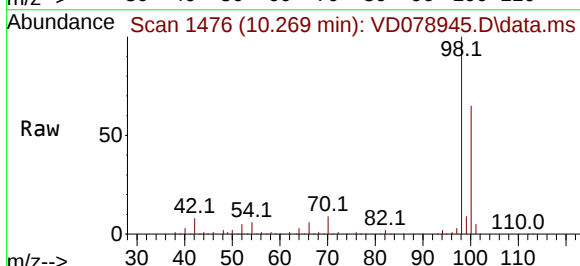
Acq: 16 May 2024 14:07

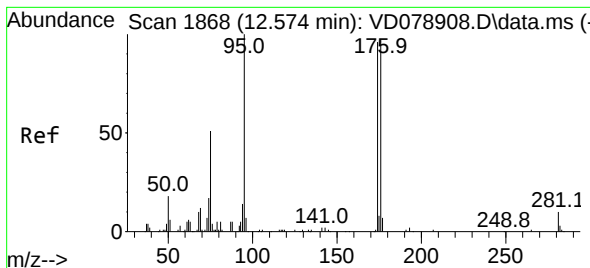
Tgt Ion: 98 Resp: 307681

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

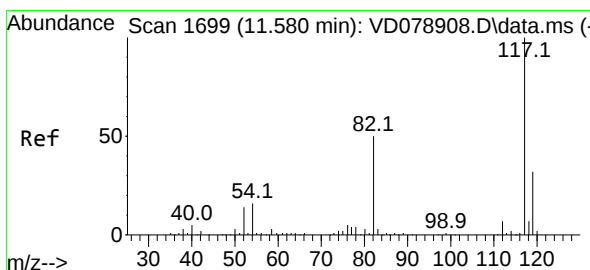
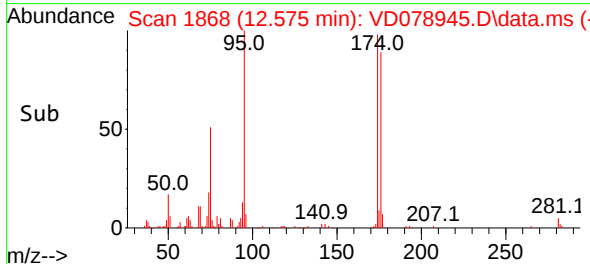
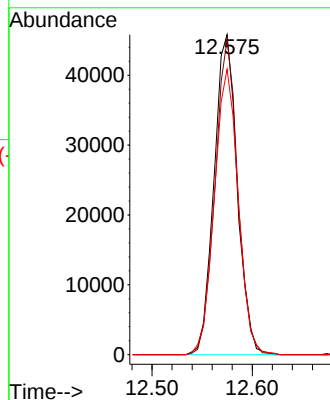
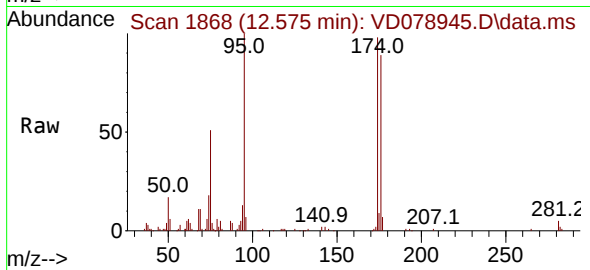




#62
4-Bromofluorobenzene
Concen: 43.578 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

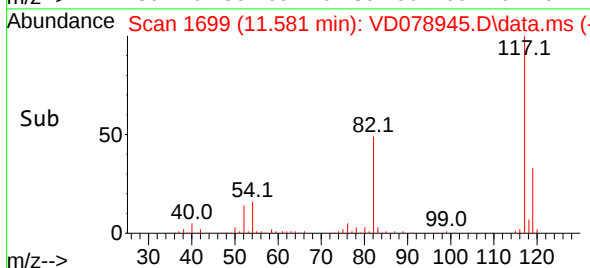
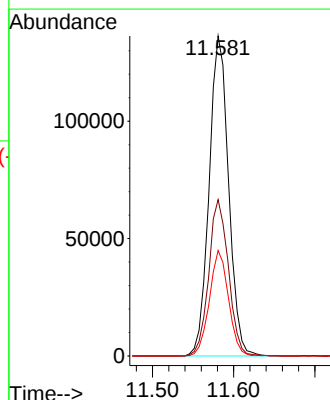
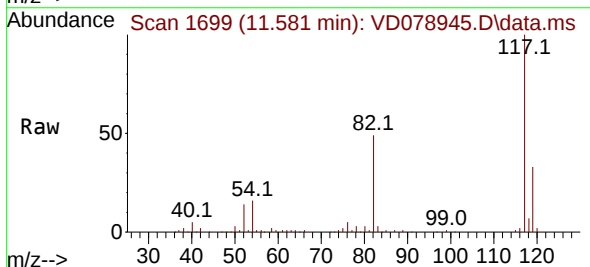
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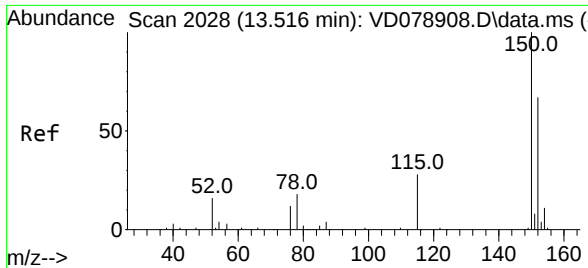
Tgt Ion:	95	Resp:	73334
Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	195.4
176	91.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

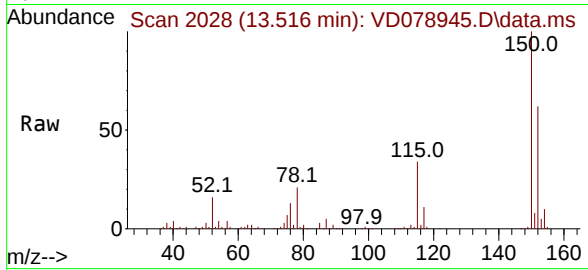
Tgt Ion:	117	Resp:	226716
Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.8	59.6
119	32.9	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078945.D
 Acq: 16 May 2024 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-GRAB



Tgt Ion:	152	Resp:	92020
Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.5	79.5
150	158.2	0.0	341.6

