

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078467.D
 Acq On : 19 Feb 2024 16:51
 Operator : RP/MD
 Sample : P1506-11RE
 Misc : 5.03G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-860-862RE

Quant Time: Feb 19 17:52:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

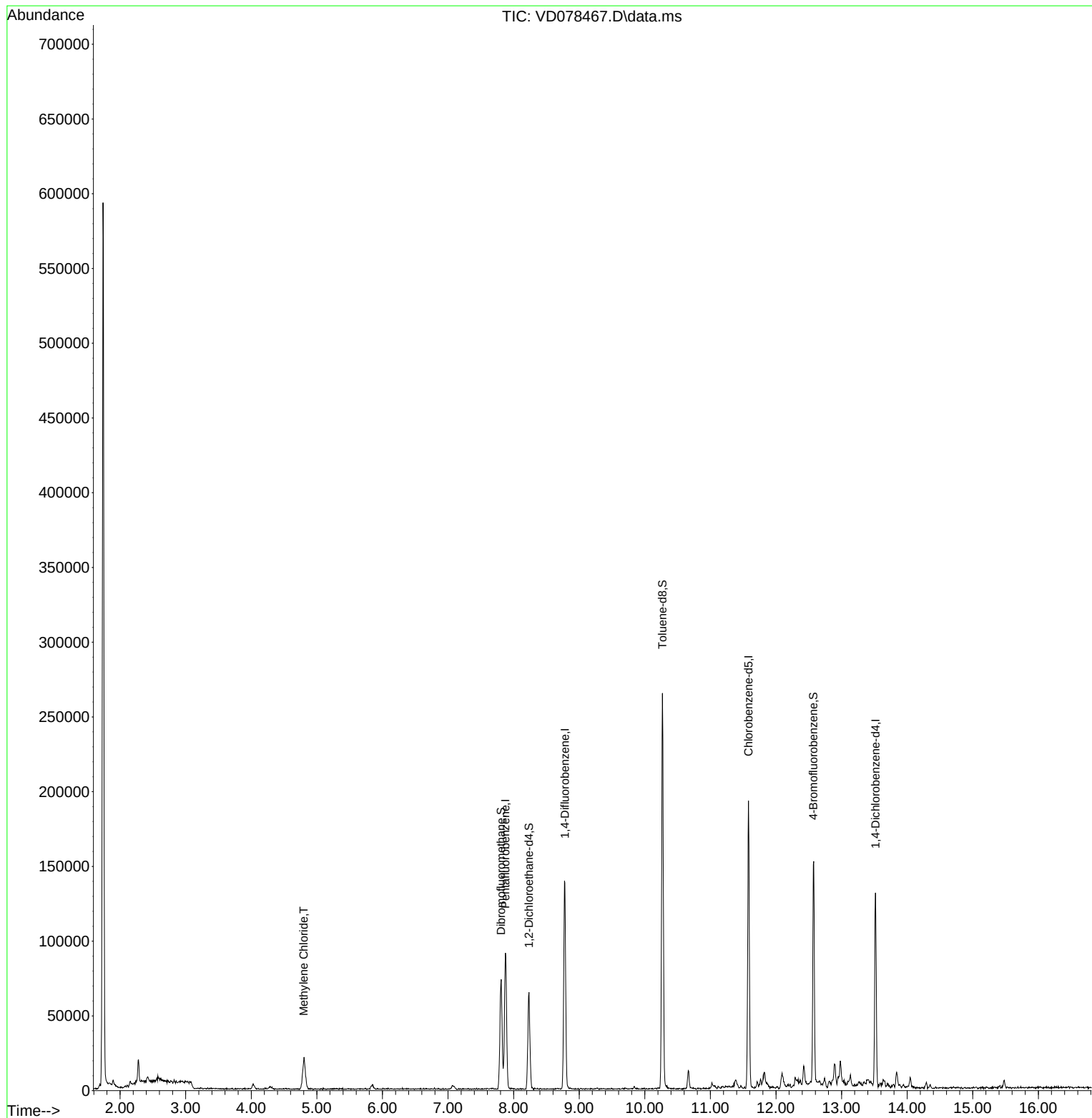
Internal Standards						
1) Pentafluorobenzene	7.875	168	69316	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	129297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	112228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47681	63.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.240%
35) Dibromofluoromethane	7.810	113	53659	65.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.660%
50) Toluene-d8	10.269	98	183795	55.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.880%
62) 4-Bromofluorobenzene	12.569	95	44118	46.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.280%
Target Compounds						
20) Methylene Chloride	4.799	84	16482	17.399	ug/l	Qvalue 93

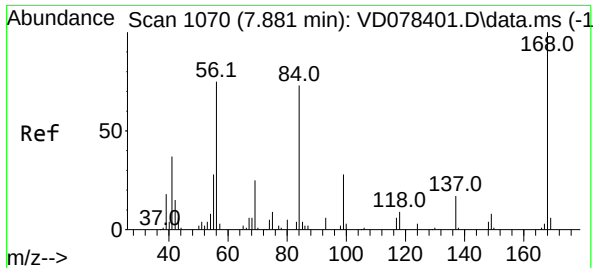
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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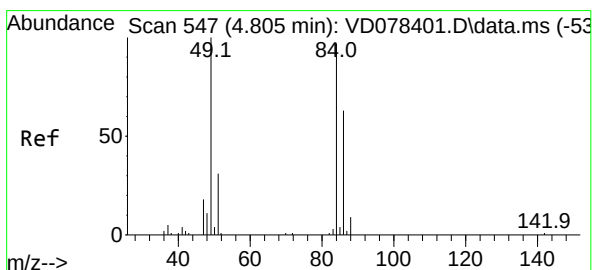
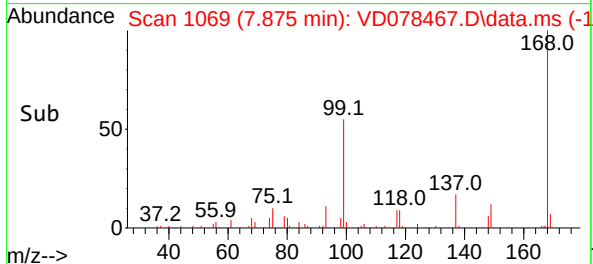
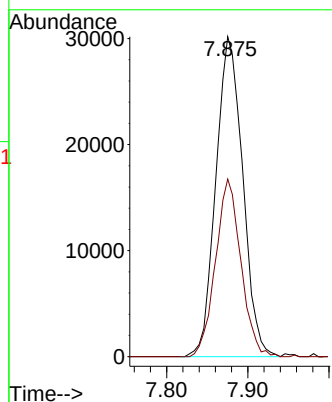
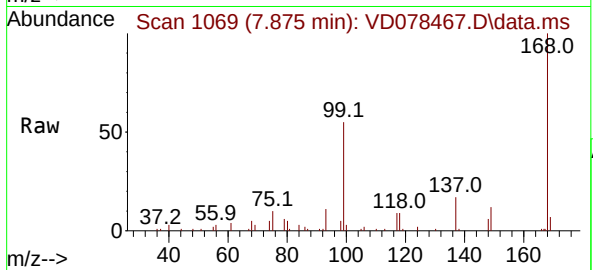




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

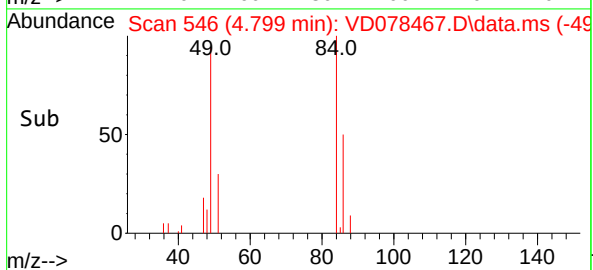
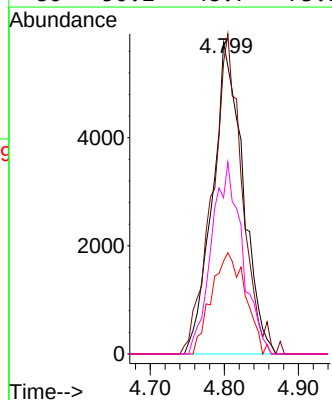
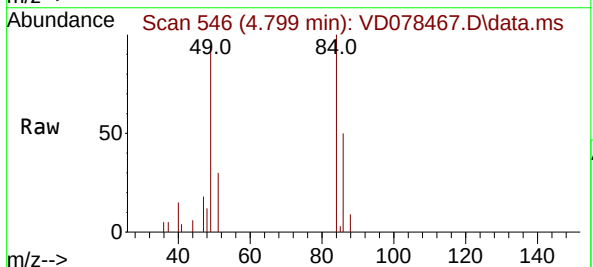
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-860-862RE

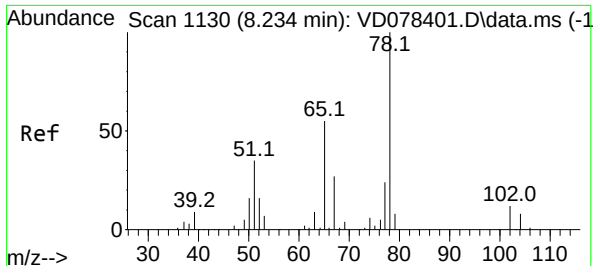
Tgt Ion:168 Resp: 69316
Ion Ratio Lower Upper
168 100
99 55.5 36.7 55.1#



#20
Methylene Chloride
Concen: 17.399 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

Tgt Ion: 84 Resp: 16482
Ion Ratio Lower Upper
84 100
49 93.5 71.4 107.2
51 29.8 24.5 36.7
86 50.2 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 63.619 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078467.D

Acq: 19 Feb 2024 16:51

Instrument :

MSVOA_D

ClientSampleId :

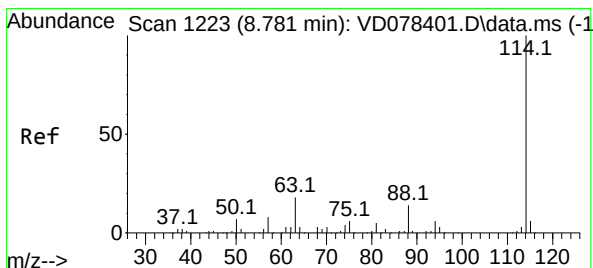
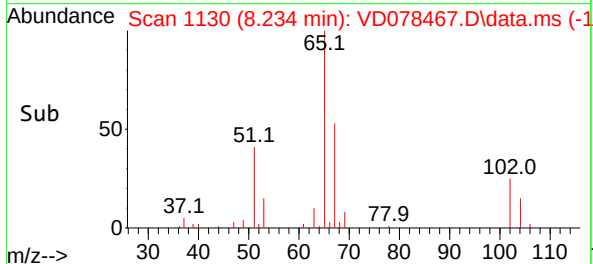
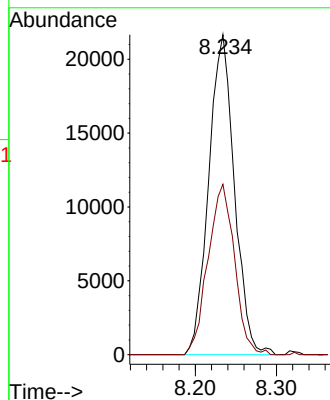
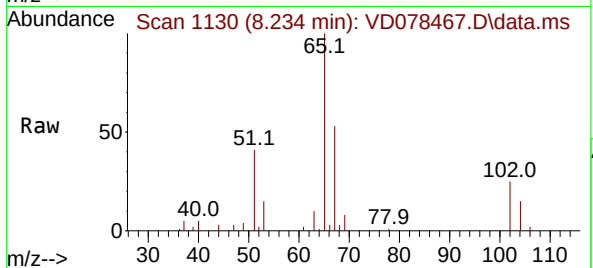
BP-VPB-195-GW-860-862RE

Tgt Ion: 65 Resp: 47681

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078467.D

Acq: 19 Feb 2024 16:51

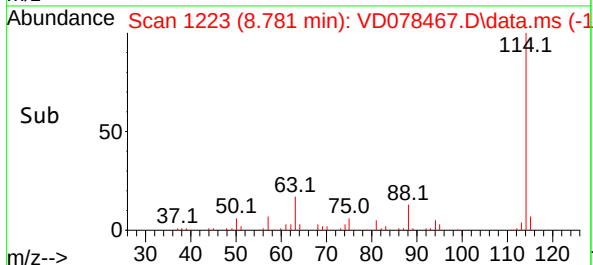
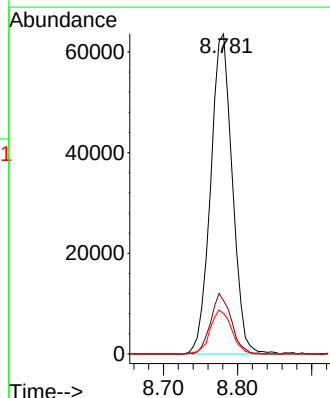
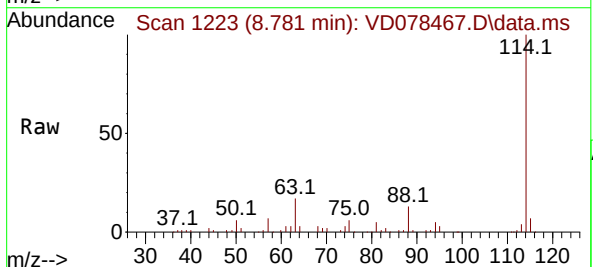
Tgt Ion: 114 Resp: 129297

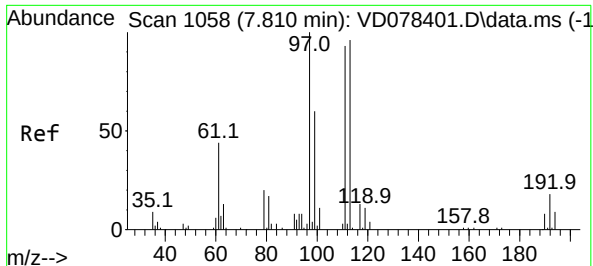
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 12.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 65.333 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078467.D

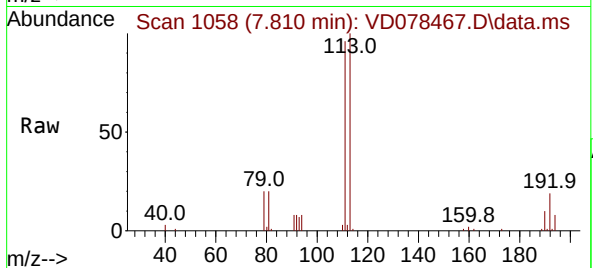
Acq: 19 Feb 2024 16:51

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-195-GW-860-862RE



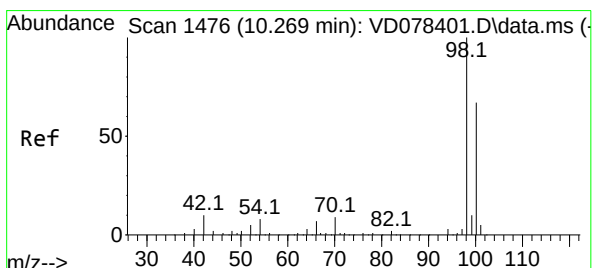
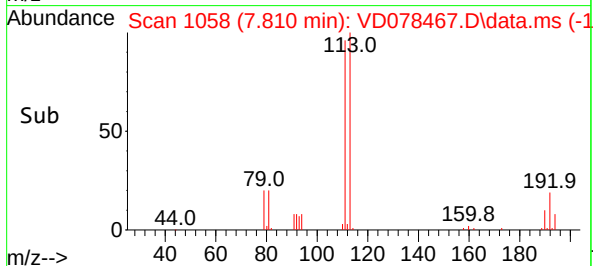
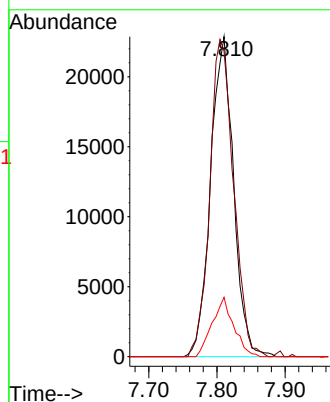
Tgt Ion:113 Resp: 53659

Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 17.4 16.8 25.2



#50

Toluene-d8

Concen: 55.942 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078467.D

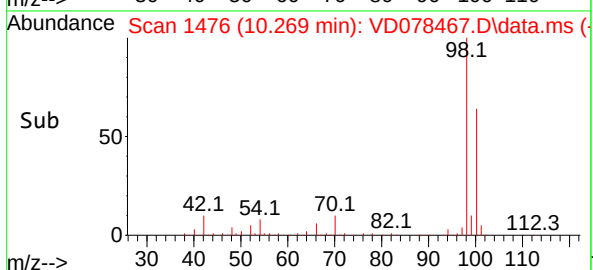
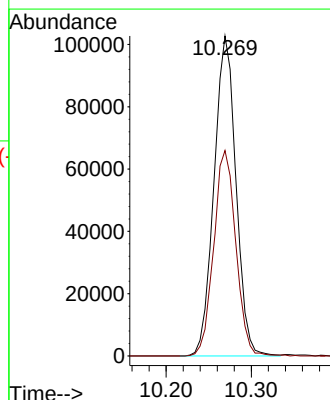
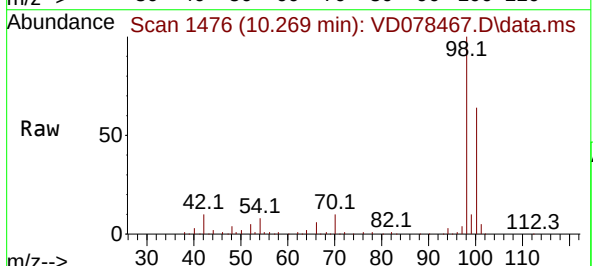
Acq: 19 Feb 2024 16:51

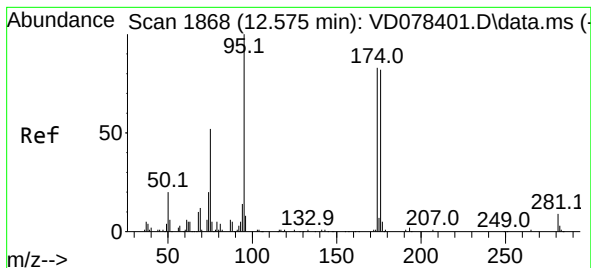
Tgt Ion: 98 Resp: 183795

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

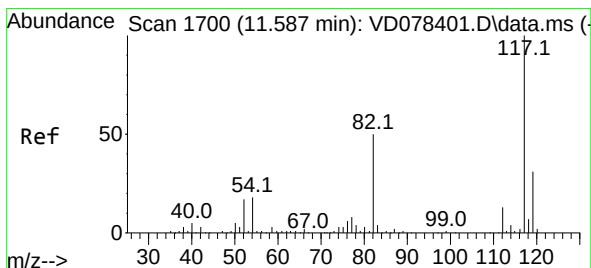
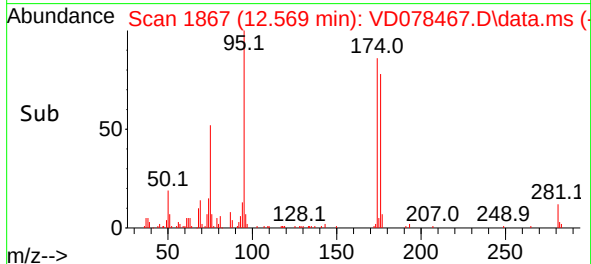
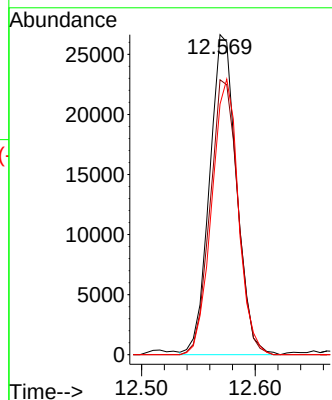
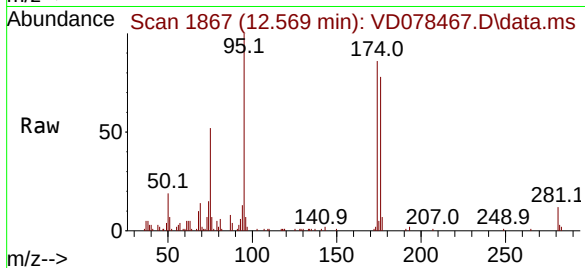




#62
4-Bromofluorobenzene
Concen: 46.144 ug/l
RT: 12.569 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

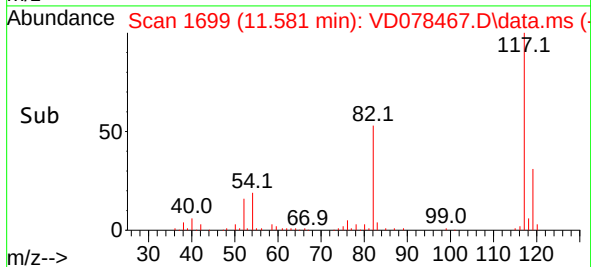
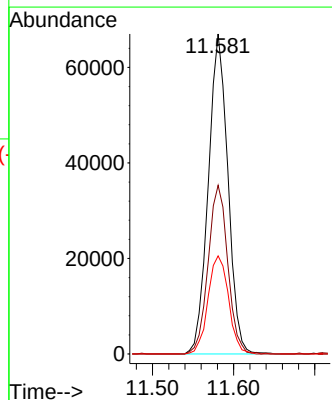
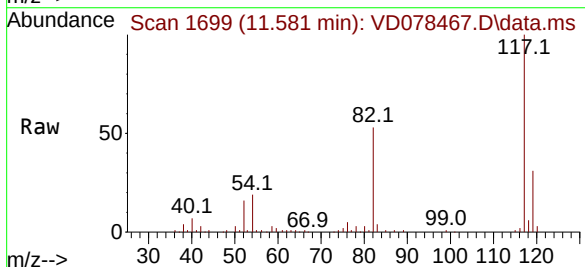
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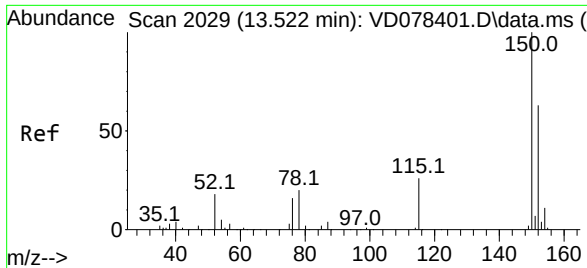
Tgt Ion:	95	Resp:	44118
Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	201.8
176	84.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078467.D
Acq: 19 Feb 2024 16:51

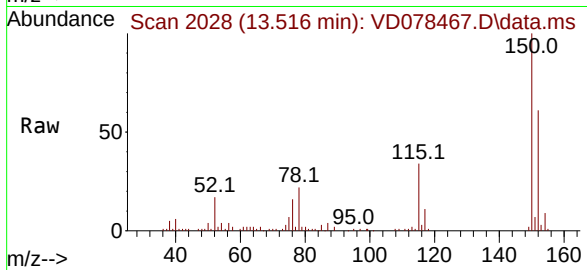
Tgt Ion:	117	Resp:	112228
Ion	Ratio	Lower	Upper
117	100		
82	52.7	38.3	57.5
119	30.7	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078467.D
 Acq: 19 Feb 2024 16:51

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.1	81.3
150	152.2	0.0	353.6

