

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078465.D
 Acq On : 19 Feb 2024 15:56
 Operator : RP/MD
 Sample : P1506-10
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-820-822

Quant Time: Feb 19 16:25:48 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)

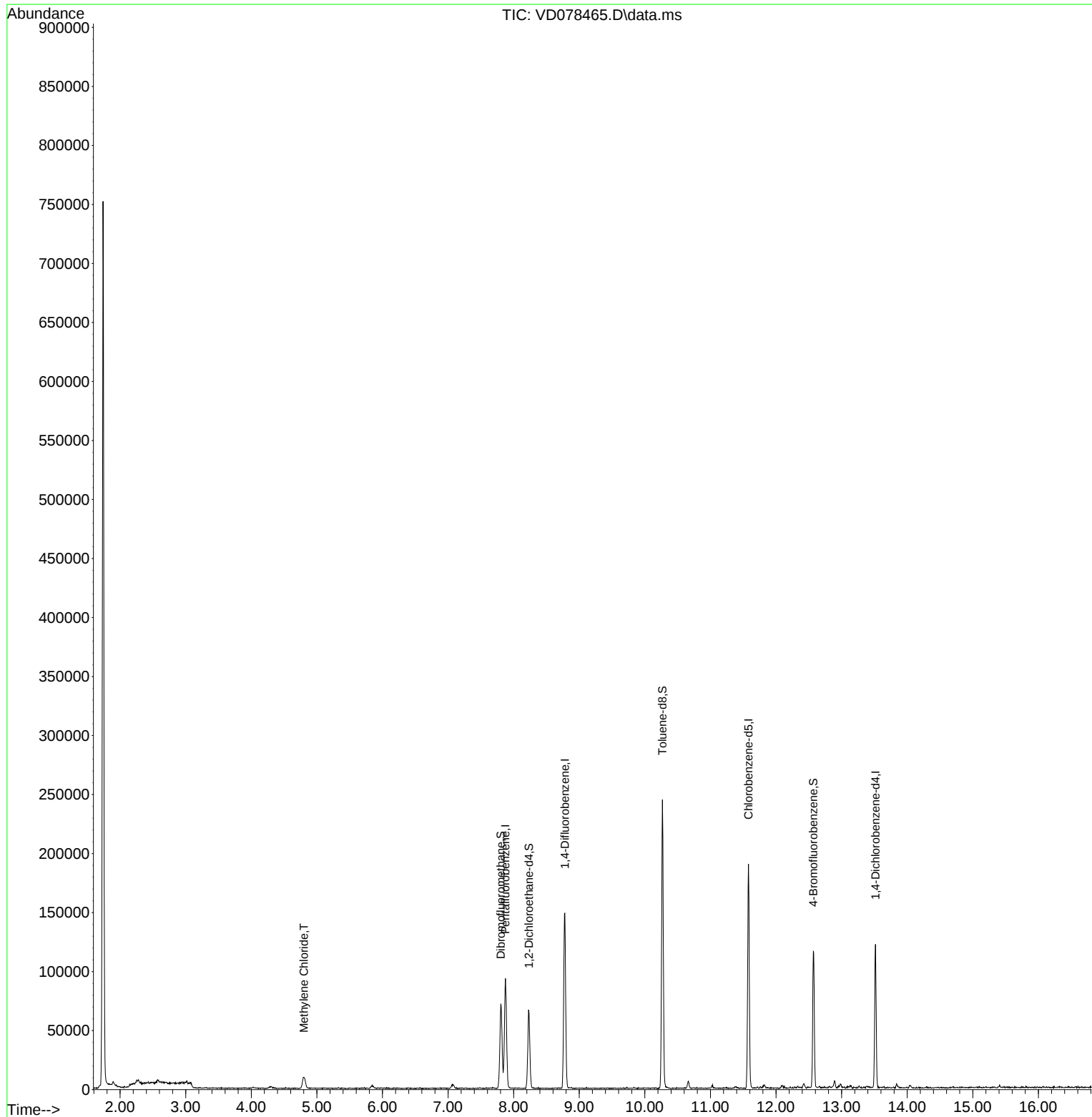
Internal Standards						
1) Pentafluorobenzene	7.875	168	70718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	139215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	111787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50002	65.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.780%
35) Dibromofluoromethane	7.804	113	52844	59.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.520%
50) Toluene-d8	10.269	98	168096	47.518	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.569	95	35595	34.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.160%
Target Compounds						
20) Methylene Chloride	4.805	84	7841	6.355	ug/l	Qvalue # 74

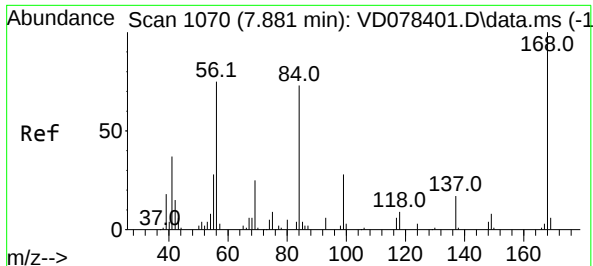
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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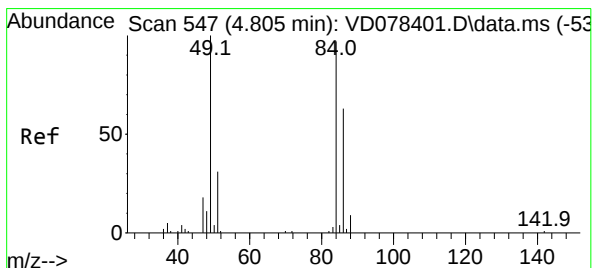
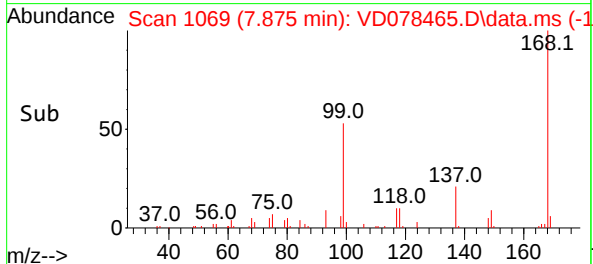
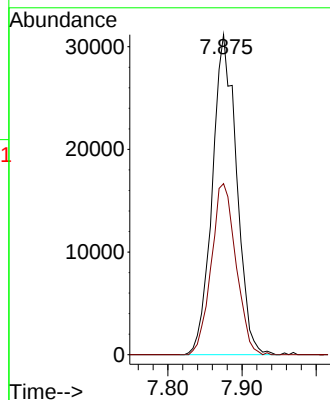
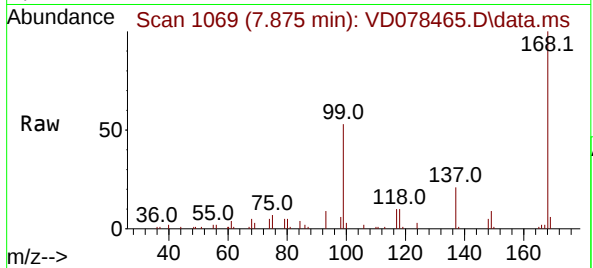




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

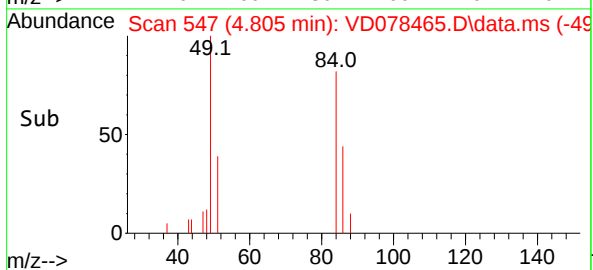
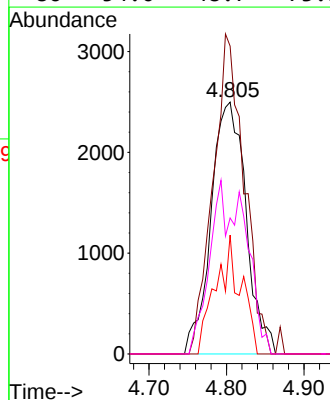
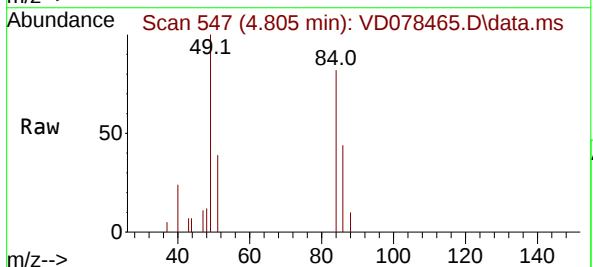
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-195-GW-820-822

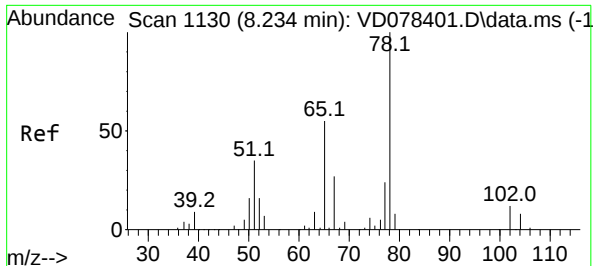
Tgt Ion:168 Resp: 70718
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#20
Methylene Chloride
Concen: 6.355 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078465.D
Acq: 19 Feb 2024 15:56

Tgt Ion: 84 Resp: 7841
Ion Ratio Lower Upper
84 100
49 122.2 71.4 107.2#
51 47.2 24.5 36.7#
86 54.0 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 65.393 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078465.D

Acq: 19 Feb 2024 15:56

Instrument :

MSVOA_D

ClientSampleId :

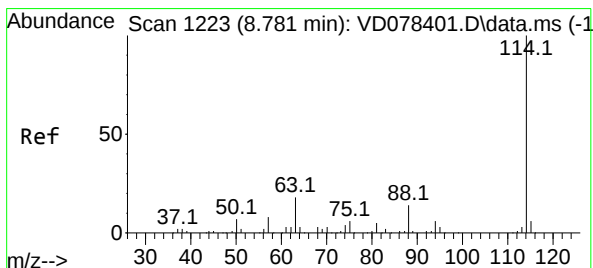
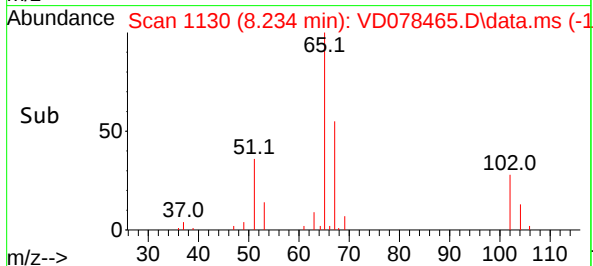
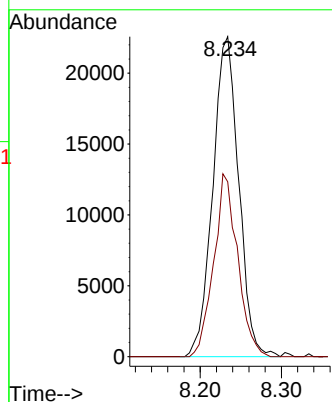
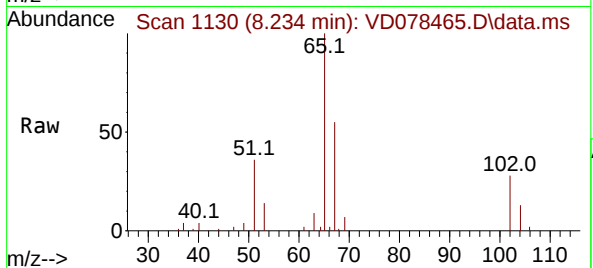
BP-VPB-195-GW-820-822

Tgt Ion: 65 Resp: 50002

Ion Ratio Lower Upper

65 100

67 52.8 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: VD078465.D

Acq: 19 Feb 2024 15:56

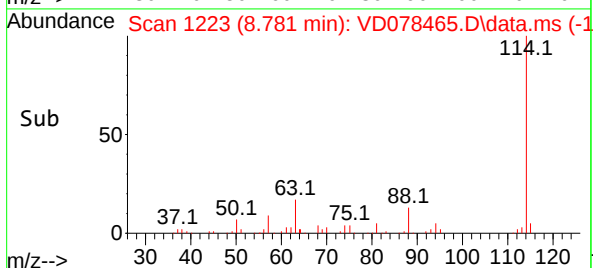
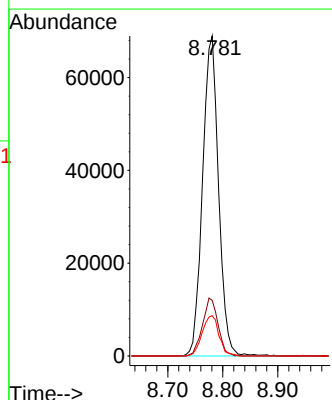
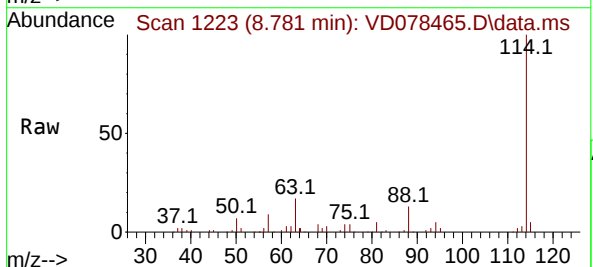
Tgt Ion: 114 Resp: 139215

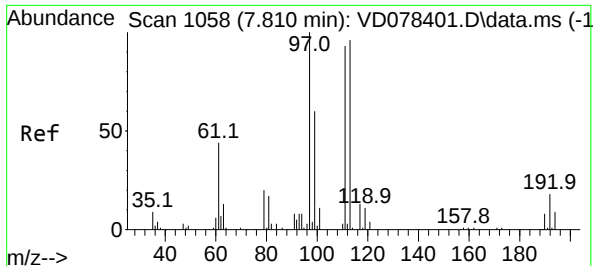
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 12.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 59.757 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078465.D

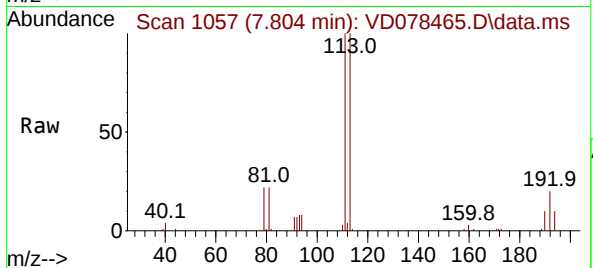
Acq: 19 Feb 2024 15:56

Instrument :

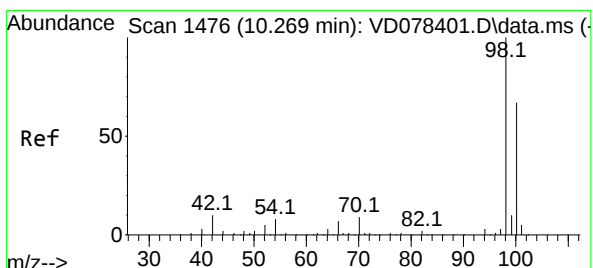
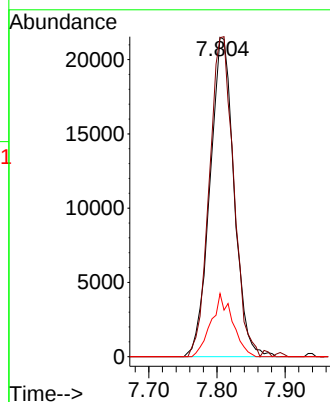
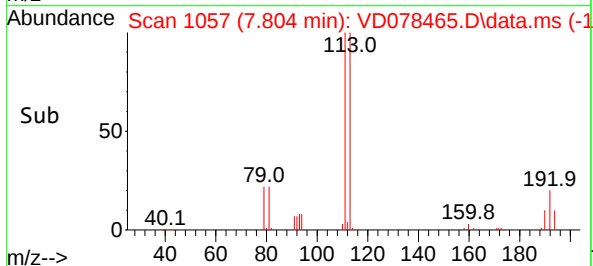
MSVOA_D

ClientSampleId :

BP-VPB-195-GW-820-822



Tgt Ion:	113	Resp:	52844
Ion Ratio	Lower	Upper	
113	100		
111	101.3	84.7	127.1
192	17.7	16.8	25.2



#50

Toluene-d8

Concen: 47.518 ug/l

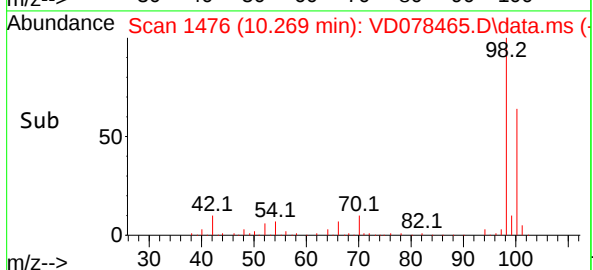
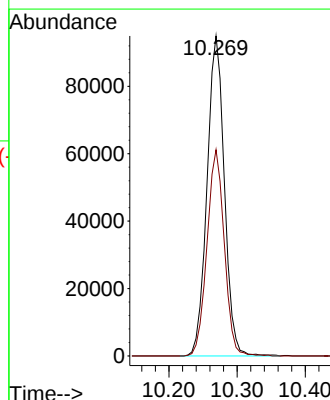
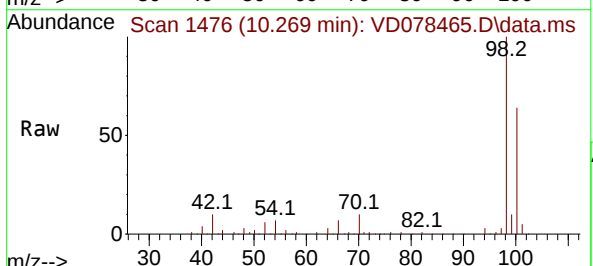
RT: 10.269 min Scan# 1476

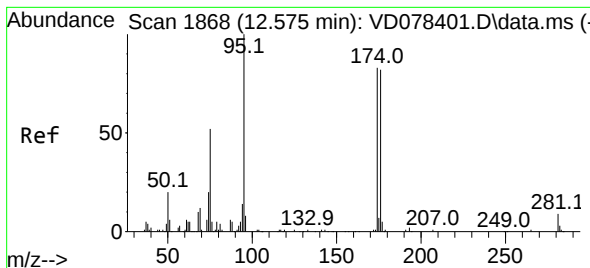
Delta R.T. -0.000 min

Lab File: VD078465.D

Acq: 19 Feb 2024 15:56

Tgt Ion:	98	Resp:	168096
Ion Ratio	Lower	Upper	
98	100		
100	64.2	50.3	75.5





#62

4-Bromofluorobenzene

Concen: 34.577 ug/l

RT: 12.569 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VD078465.D

Acq: 19 Feb 2024 15:56

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-195-GW-820-822

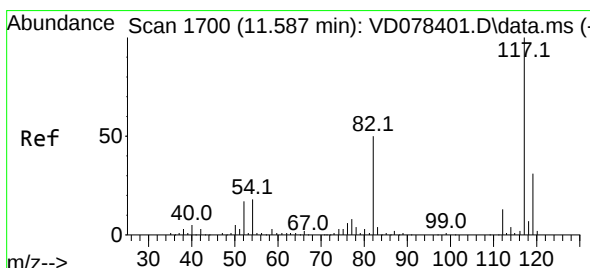
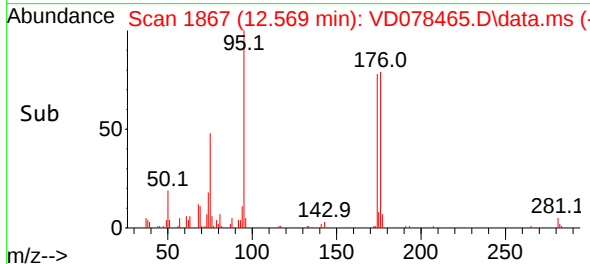
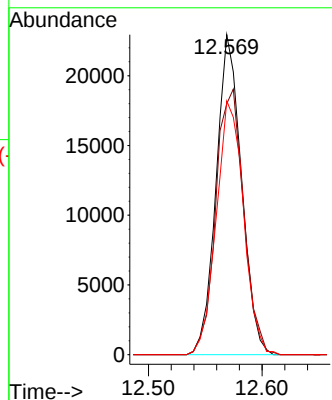
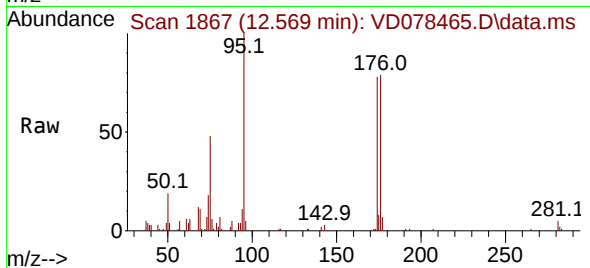
Tgt Ion: 95 Resp: 35595

Ion Ratio Lower Upper

95 100

174 91.0 0.0 201.8

176 85.4 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: VD078465.D

Acq: 19 Feb 2024 15:56

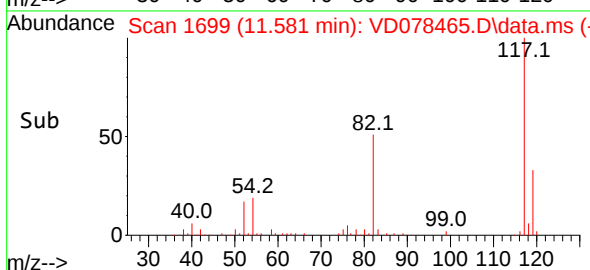
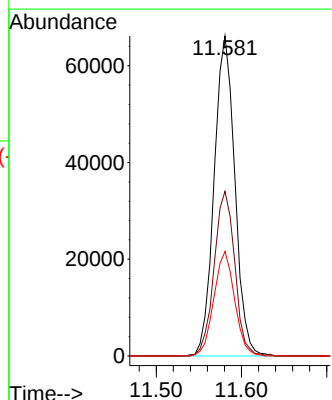
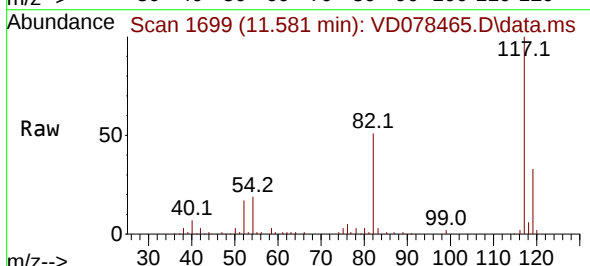
Tgt Ion: 117 Resp: 111787

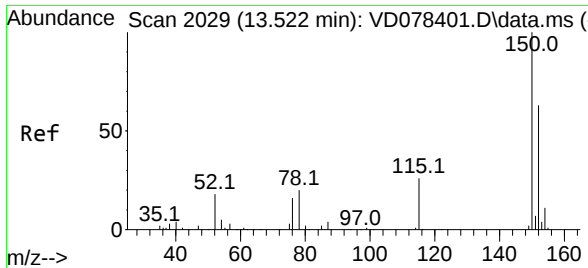
Ion Ratio Lower Upper

117 100

82 51.4 38.3 57.5

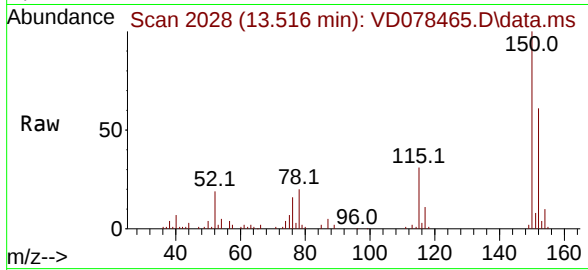
119 32.7 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078465.D
 Acq: 19 Feb 2024 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-195-GW-820-822



Tgt Ion:	152	Resp:	32511
Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.1	81.3
150	156.2	0.0	353.6

