

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079589.D
 Acq On : 05 Aug 2024 19:06
 Operator : RP/MD
 Sample : P3448-05
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3

Quant Time: Aug 06 02:49:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	52687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87437	82.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.660%#
35) Dibromofluoromethane	7.805	113	88137	59.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.540%
50) Toluene-d8	10.269	98	18205	3.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	6.300%#
62) 4-Bromofluorobenzene	12.569	95	46434	27.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.580%

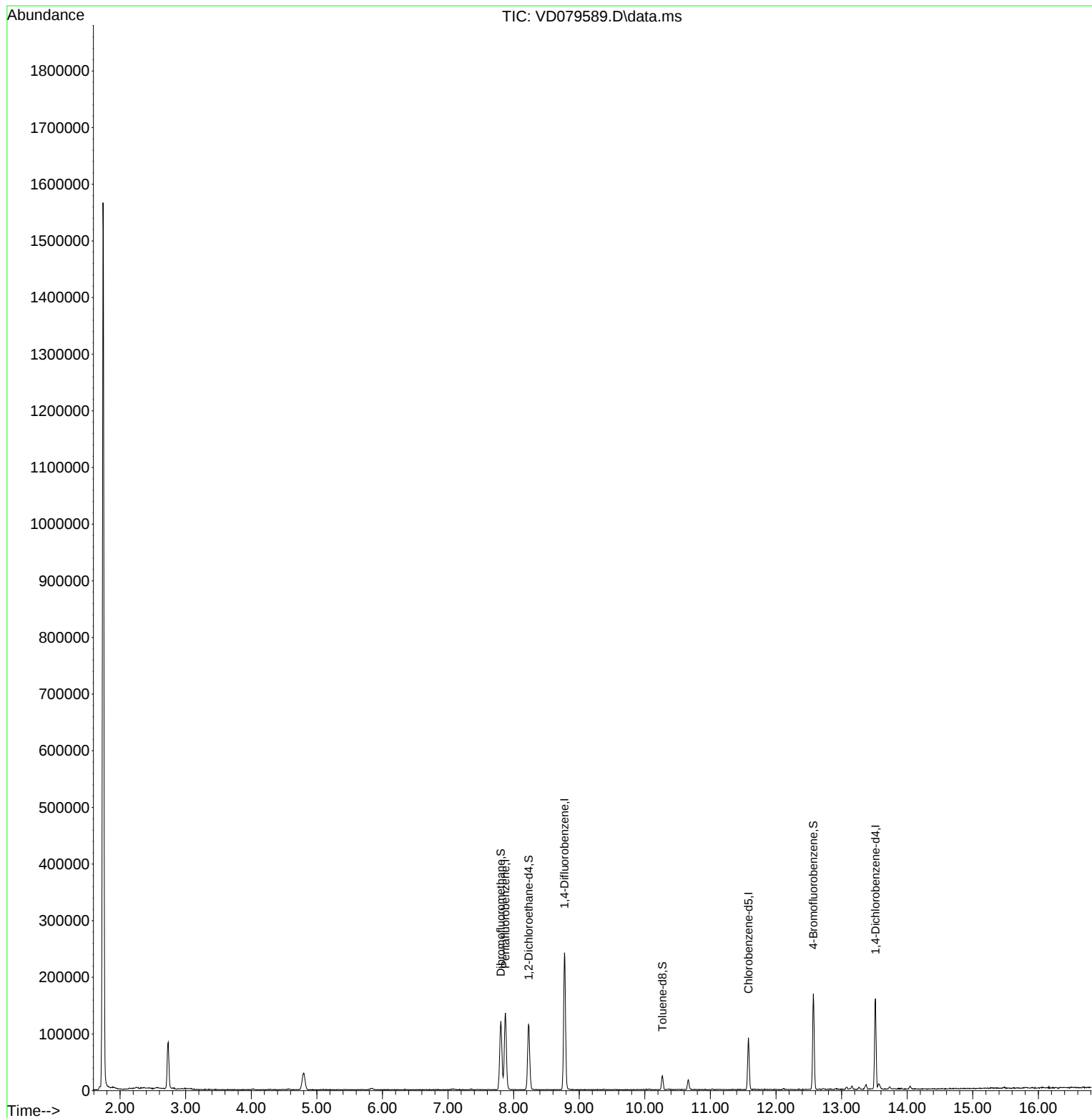
Target Compounds	Qvalue

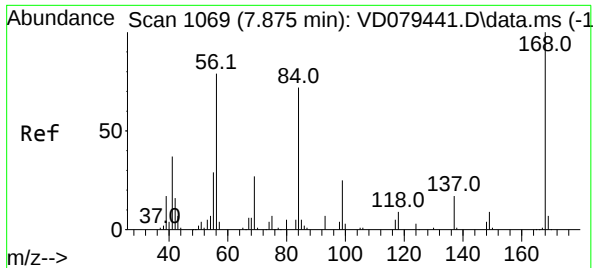
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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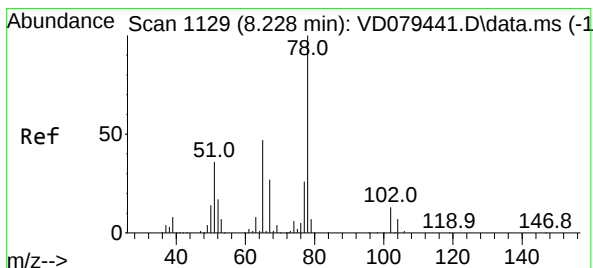
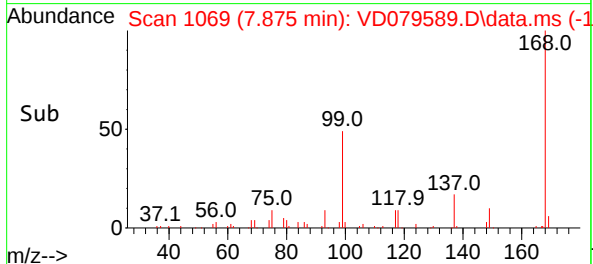
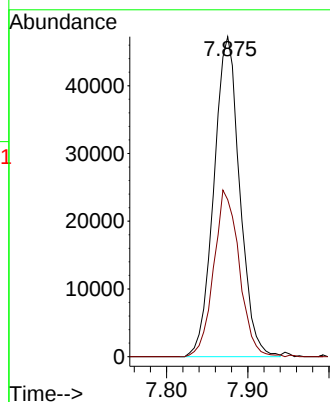
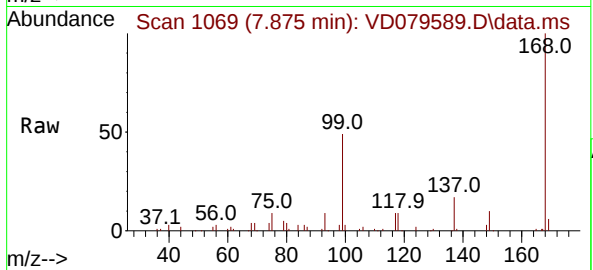




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079589.D
Acq: 05 Aug 2024 19:06

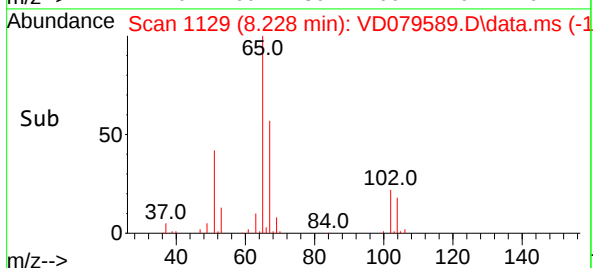
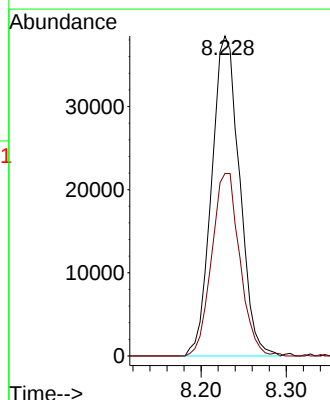
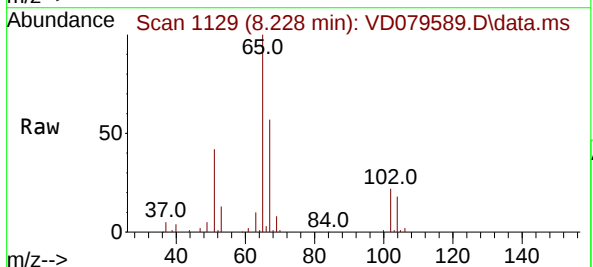
Instrument :
MSVOA_D
ClientSampleId :
TP3

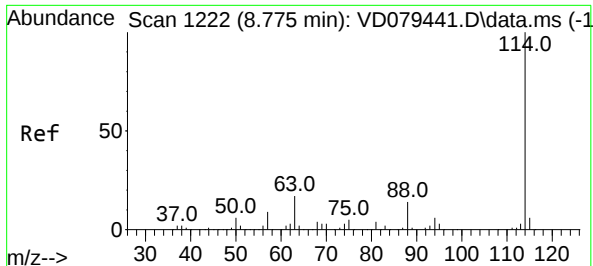
Tgt Ion:168 Resp: 104535
Ion Ratio Lower Upper
168 100
99 49.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 82.334 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079589.D
Acq: 05 Aug 2024 19:06

Tgt Ion: 65 Resp: 87437
Ion Ratio Lower Upper
65 100
67 57.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079589.D

Acq: 05 Aug 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

TP3

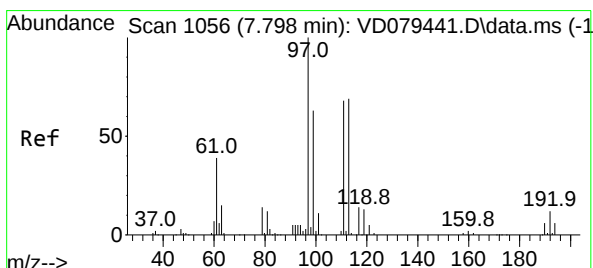
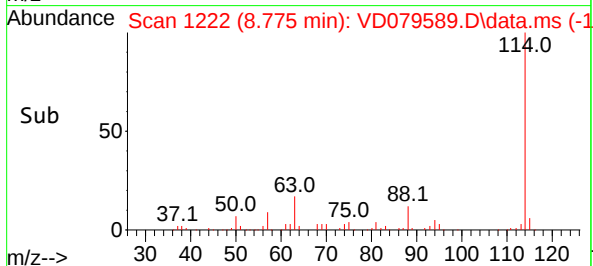
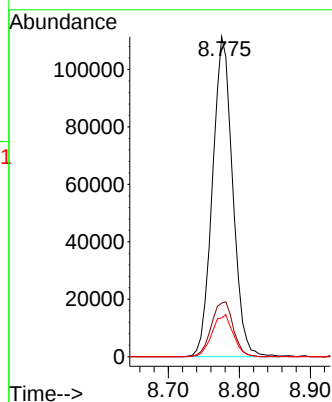
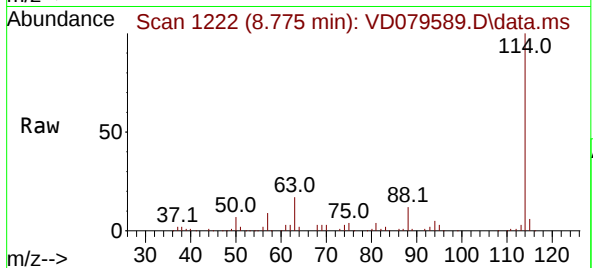
Tgt Ion:114 Resp: 219705

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.0

88 12.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 59.269 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079589.D

Acq: 05 Aug 2024 19:06

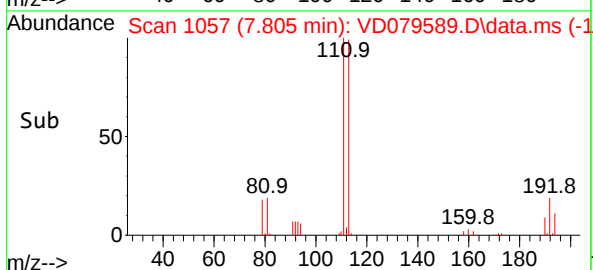
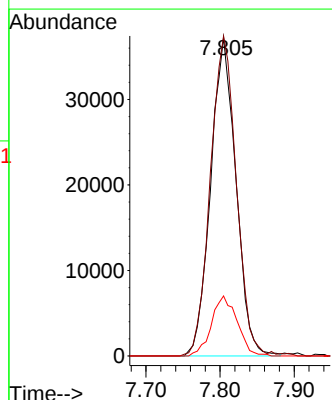
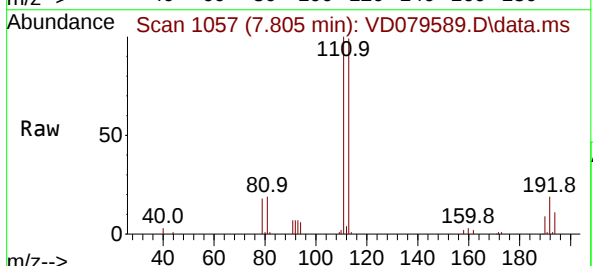
Tgt Ion:113 Resp: 88137

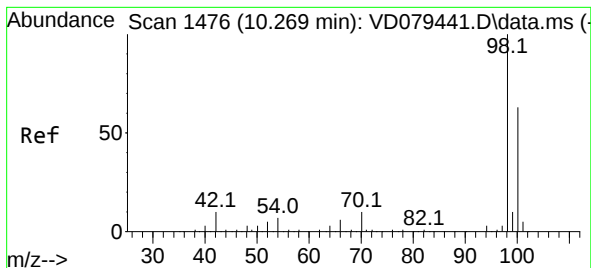
Ion Ratio Lower Upper

113 100

111 103.2 84.0 126.0

192 19.2 15.4 23.0





#50

Toluene-d8

Concen: 3.152 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079589.D

Acq: 05 Aug 2024 19:06

Instrument :

MSVOA_D

ClientSampleId :

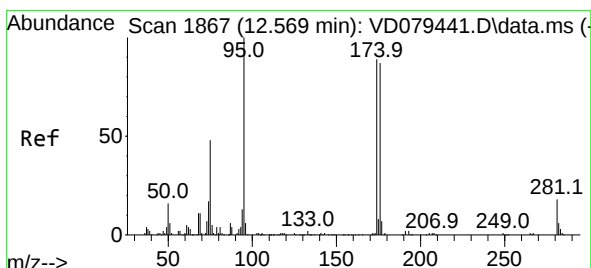
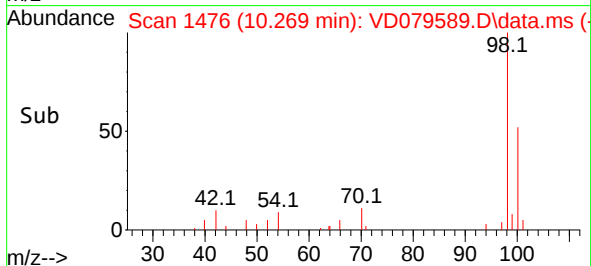
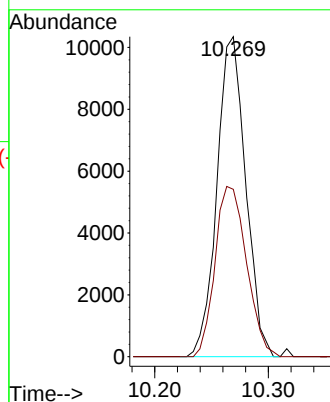
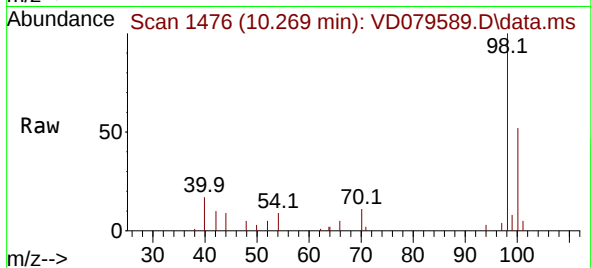
TP3

Tgt Ion: 98 Resp: 18205

Ion Ratio Lower Upper

98 100

100 58.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.786 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD079589.D

Acq: 05 Aug 2024 19:06

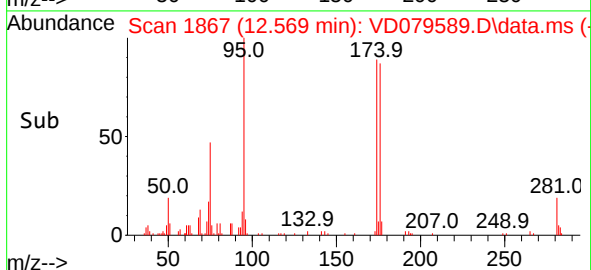
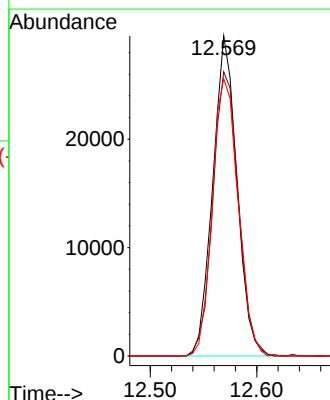
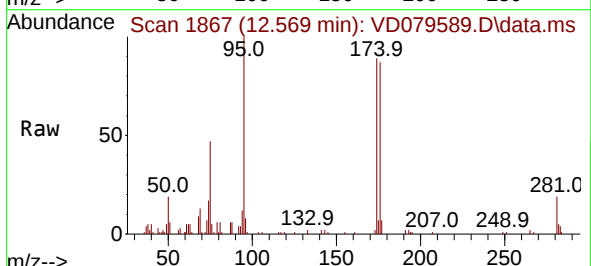
Tgt Ion: 95 Resp: 46434

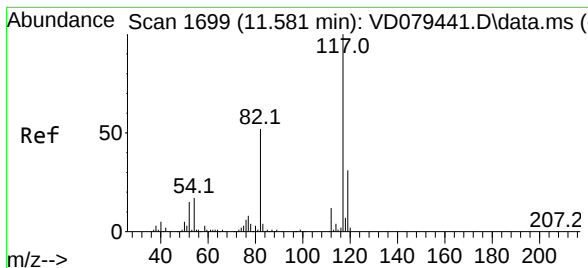
Ion Ratio Lower Upper

95 100

174 94.3 0.0 195.4

176 92.7 0.0 192.6

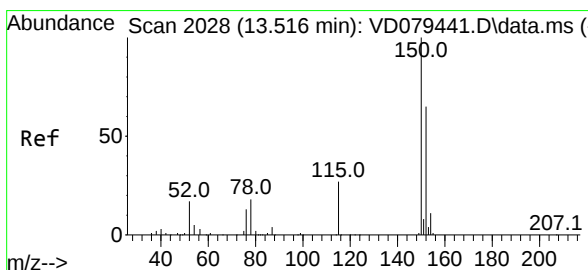
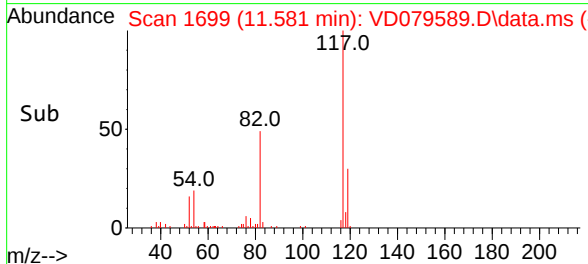
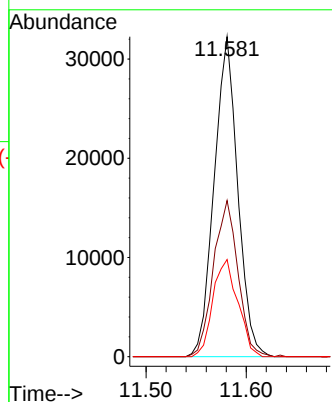
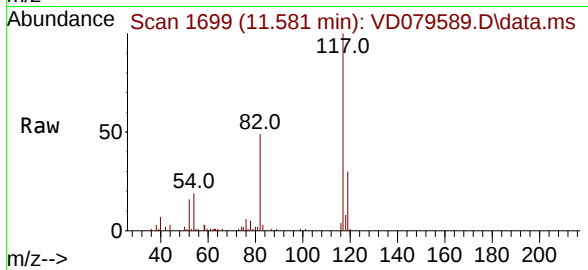




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079589.D
Acq: 05 Aug 2024 19:06

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion:117	Resp:	52687
Ion Ratio	Lower	Upper
117	100	
82	48.8	39.8 59.6
119	30.3	25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079589.D
Acq: 05 Aug 2024 19:06

Tgt Ion:152	Resp:	44681
Ion Ratio	Lower	Upper
152	100	
115	55.3	26.5 79.5
150	156.4	0.0 341.6

