

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079622.D
 Acq On : 06 Aug 2024 14:52
 Operator : RP/MD
 Sample : P3441-02RE
 Misc : 6.11G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-08012024RE

Quant Time: Aug 06 15:32:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 05 15:22:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	14712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	30069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	10841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	13045	86.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.760%#
35) Dibromofluoromethane	7.805	113	12579	60.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.480%
50) Toluene-d8	10.269	98	30872	36.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.760%
62) 4-Bromofluorobenzene	12.575	95	9179	37.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.760%

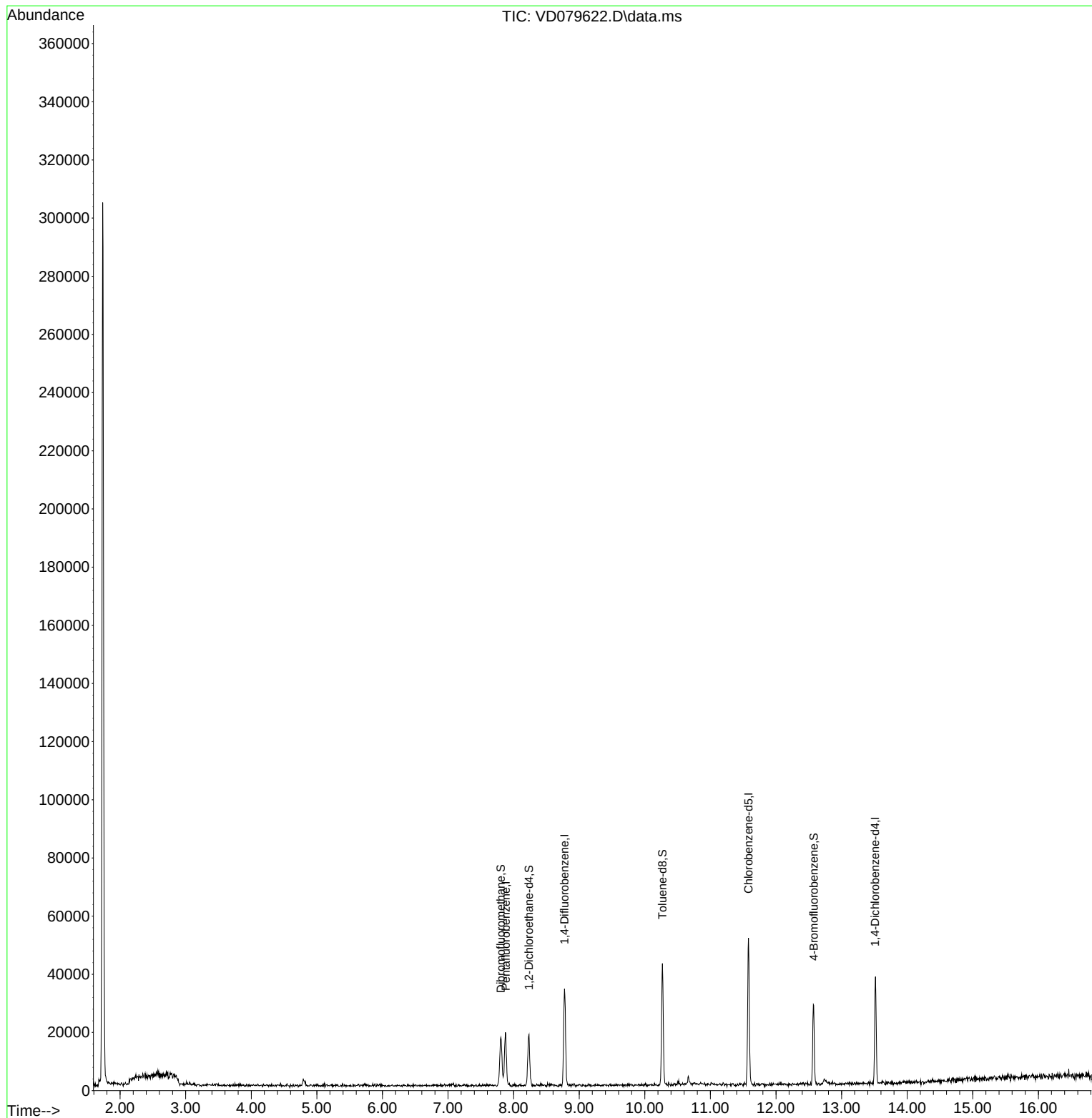
Target Compounds	Qvalue

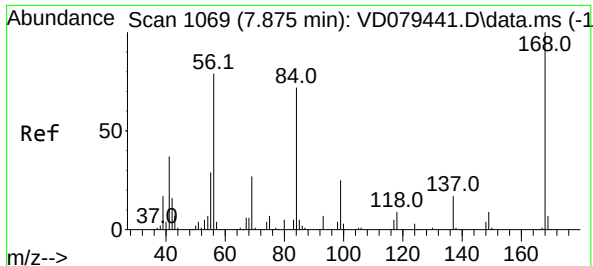
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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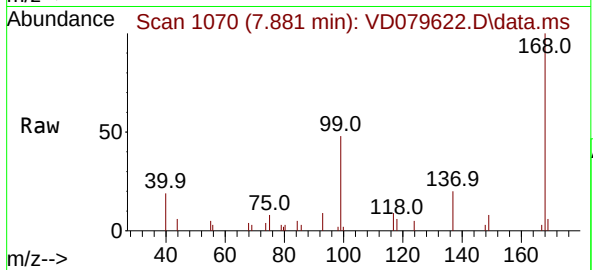
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Quant Title : SW846 8260
QLast Update : Mon Aug 05 15:22:51 2024
Response via : Initial Calibration



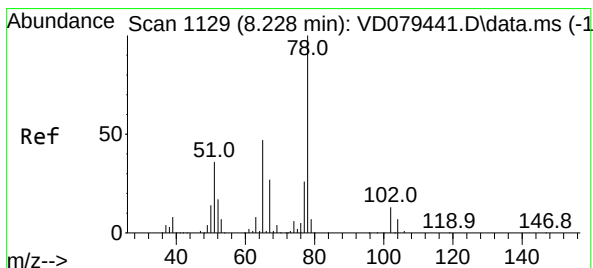
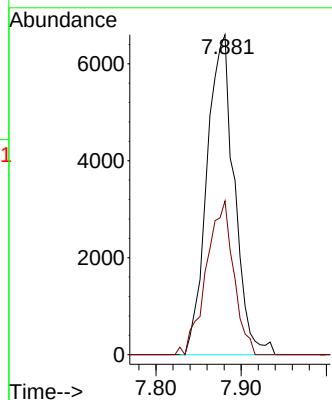
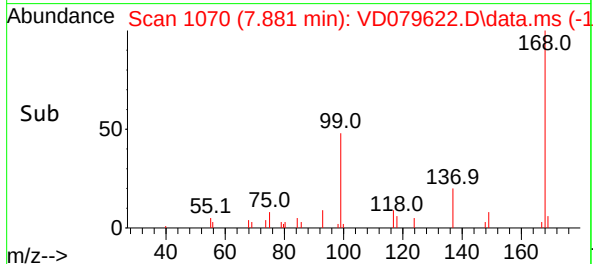


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079622.D
Acq: 06 Aug 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :
BU-02-08012024RE

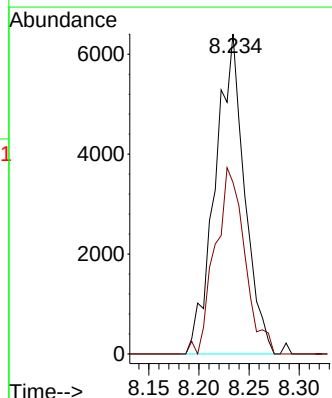
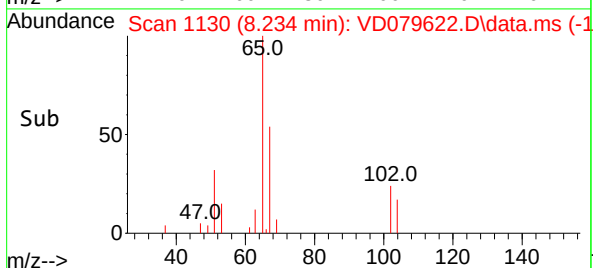
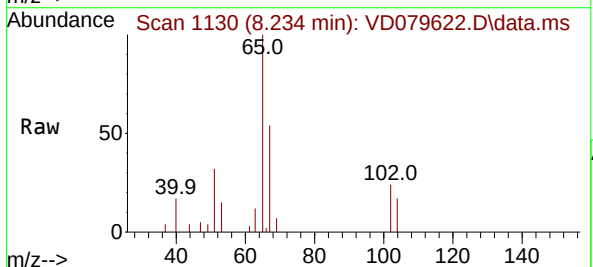


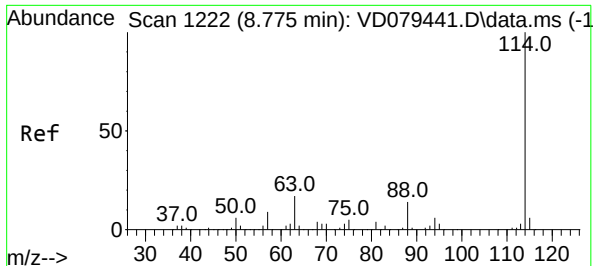
Tgt Ion:168 Resp: 14712
Ion Ratio Lower Upper
168 100
99 48.0 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 86.883 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079622.D
Acq: 06 Aug 2024 14:52

Tgt Ion: 65 Resp: 13045
Ion Ratio Lower Upper
65 100
67 58.7 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: VD079622.D

Acq: 06 Aug 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

BU-02-08012024RE

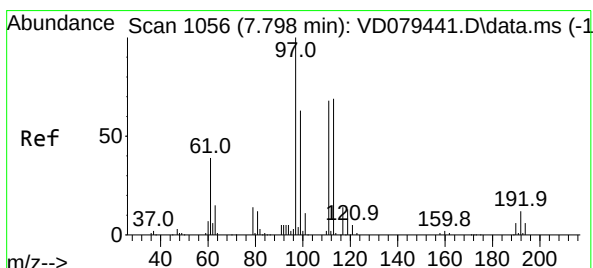
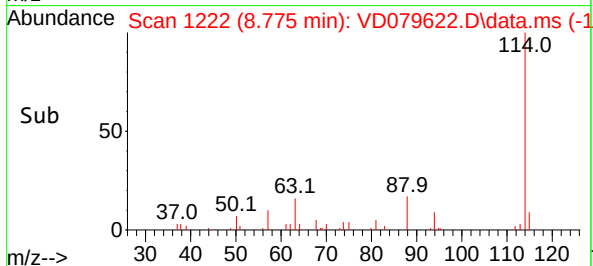
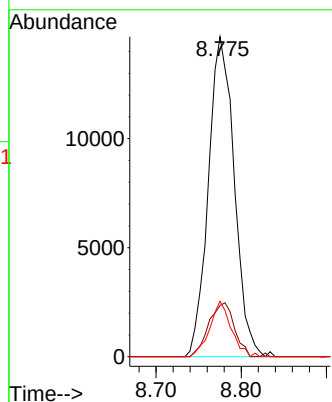
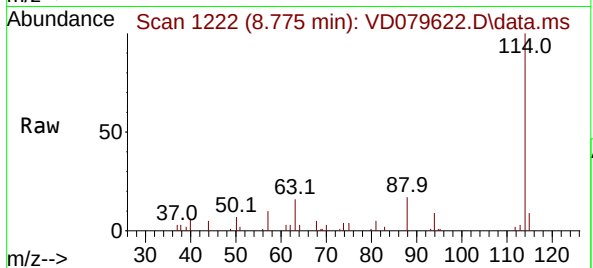
Tgt Ion:114 Resp: 31011

Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.0

88 17.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.245 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079622.D

Acq: 06 Aug 2024 14:52

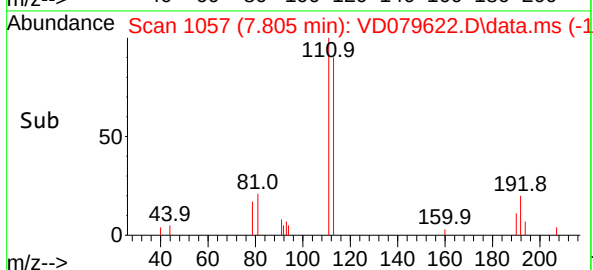
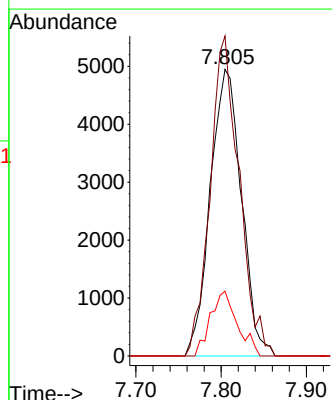
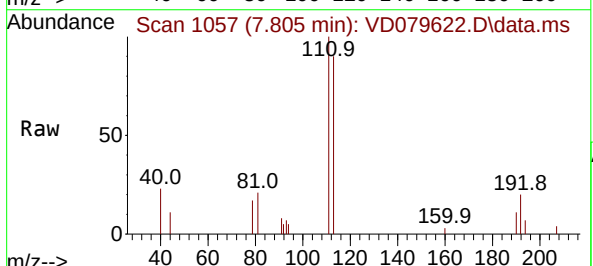
Tgt Ion:113 Resp: 12579

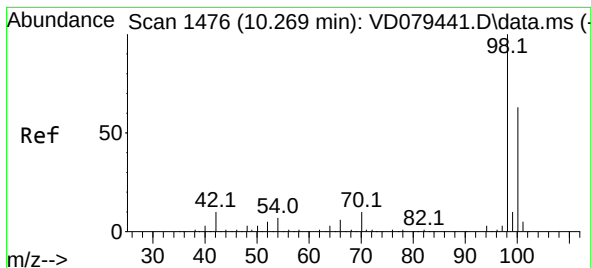
Ion Ratio Lower Upper

113 100

111 103.8 84.0 126.0

192 19.5 15.4 23.0

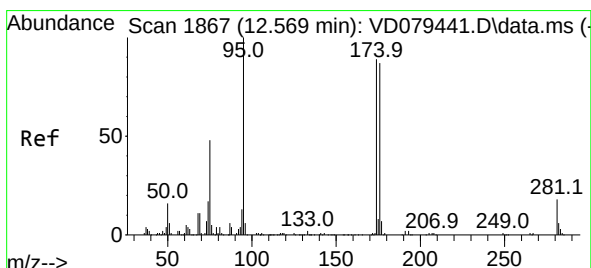
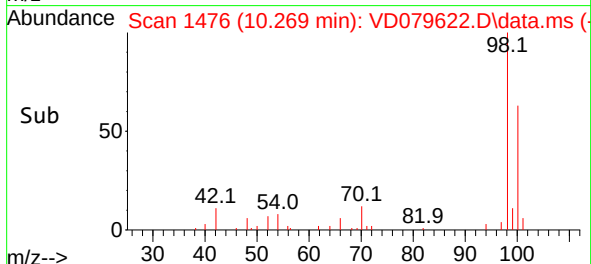
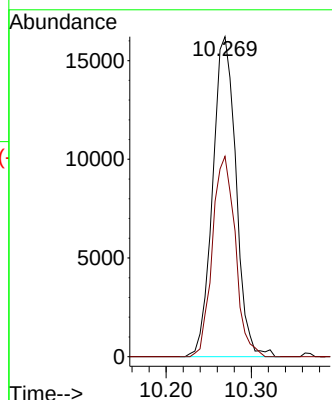
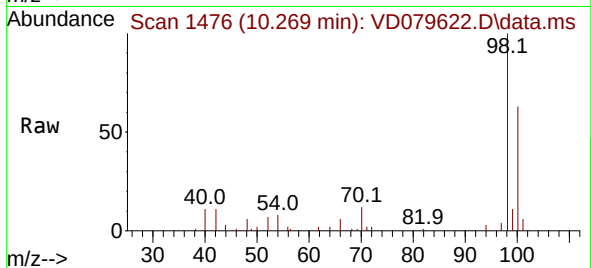




#50
Toluene-d8
Concen: 36.876 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079622.D
Acq: 06 Aug 2024 14:52

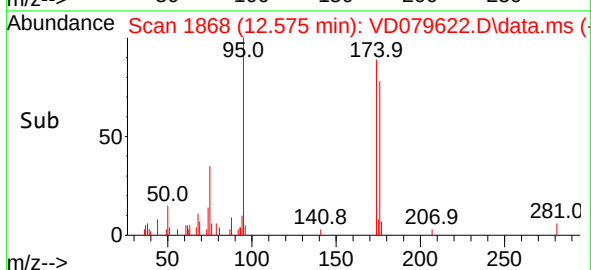
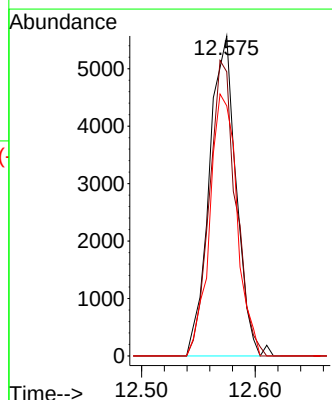
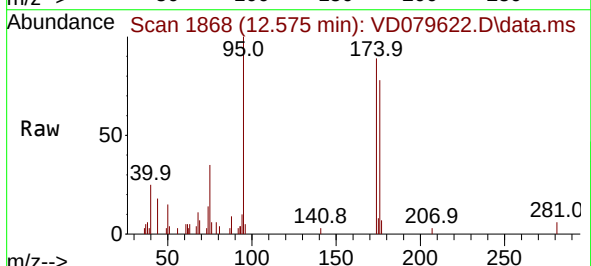
Instrument :
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BU-02-08012024RE

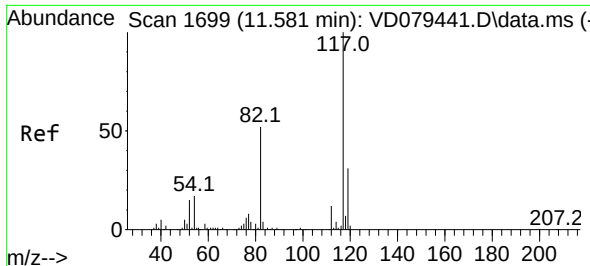
Tgt Ion: 98 Resp: 30872
Ion Ratio Lower Upper
98 100
100 61.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.878 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079622.D
Acq: 06 Aug 2024 14:52

Tgt Ion: 95 Resp: 9179
Ion Ratio Lower Upper
95 100
174 91.0 0.0 195.4
176 83.0 0.0 192.6

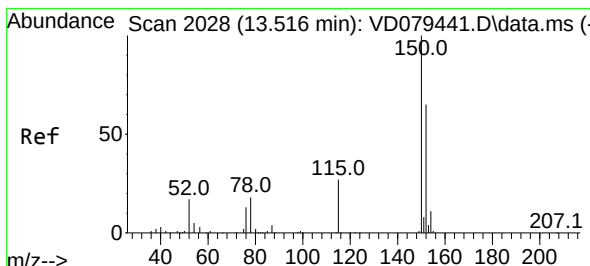
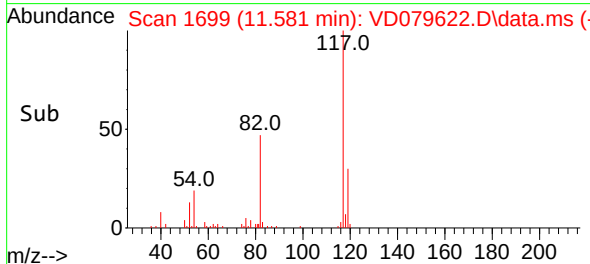
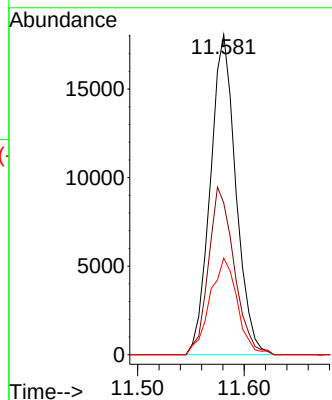
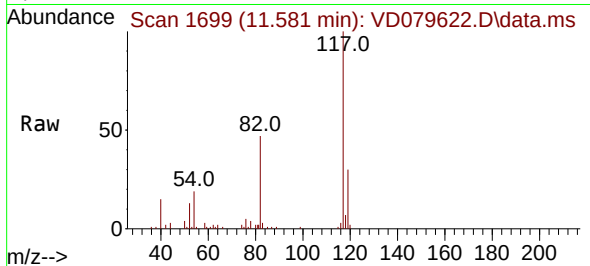




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079622.D
Acq: 06 Aug 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :
BU-02-08012024RE

Tgt Ion:	117	Resp:	30069
Ion	Ratio	Lower	Upper
117	100		
82	47.5	39.8	59.6
119	30.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD079622.D
Acq: 06 Aug 2024 14:52

Tgt Ion:	152	Resp:	10841
Ion	Ratio	Lower	Upper
152	100		
115	57.7	26.5	79.5
150	156.5	0.0	341.6

