

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079619.D
 Acq On : 06 Aug 2024 13:30
 Operator : RP/MD
 Sample : P3442-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-080124RE

Quant Time: Aug 06 15:08:30 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	187526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98648	51.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.560%
35) Dibromofluoromethane	7.805	113	103936	43.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.240%
50) Toluene-d8	10.269	98	371712	40.168	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.340%
62) 4-Bromofluorobenzene	12.569	95	100306	37.457	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.920%

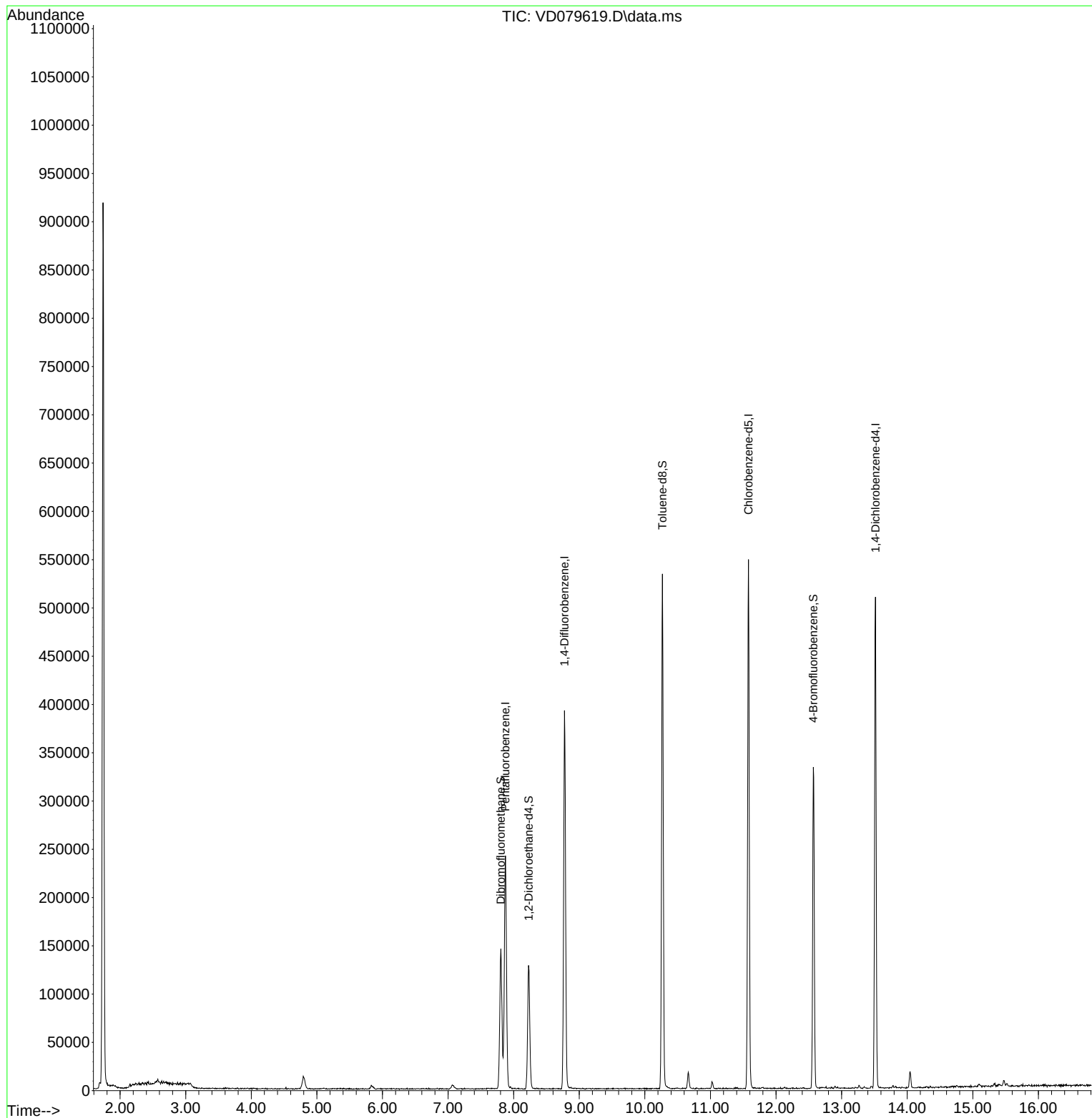
Target Compounds	Qvalue

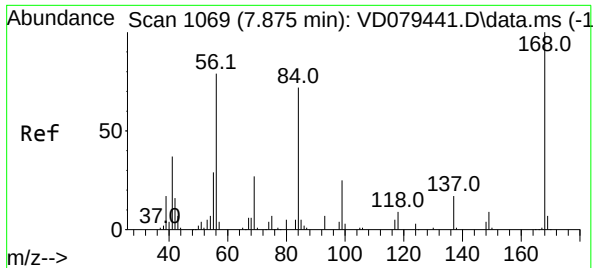
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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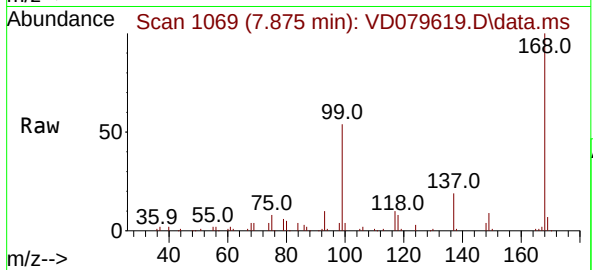
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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QLast Update : Tue Jul 30 03:50:47 2024
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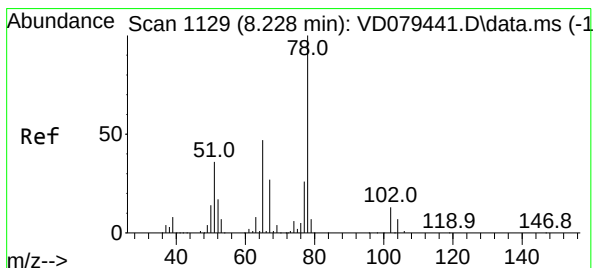
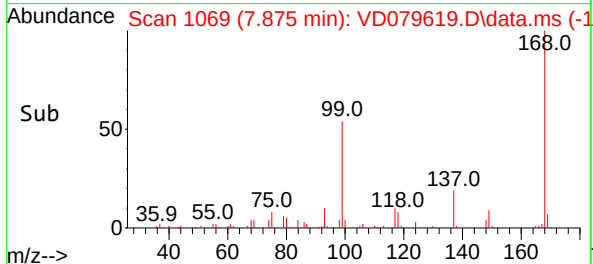
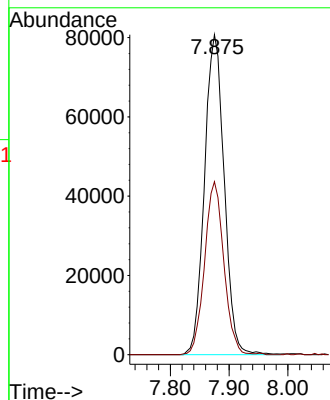


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079619.D
Acq: 06 Aug 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
CL-02-080124RE

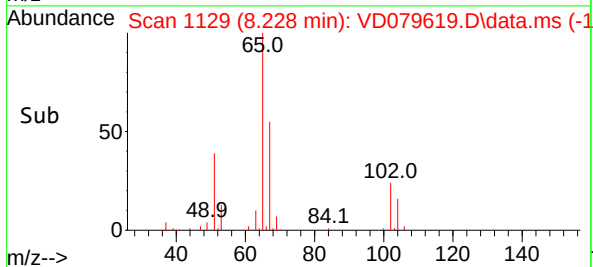
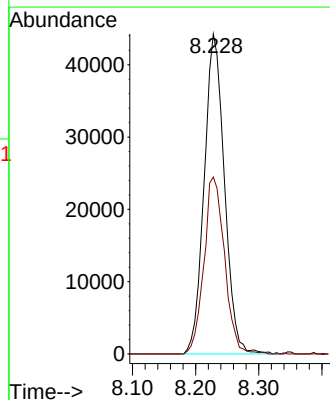
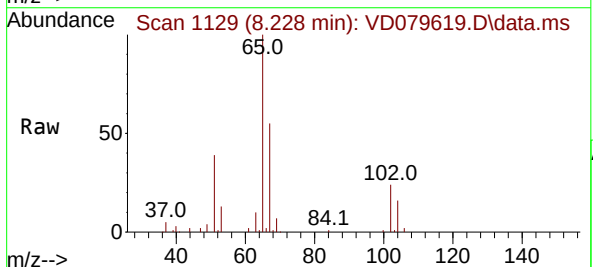


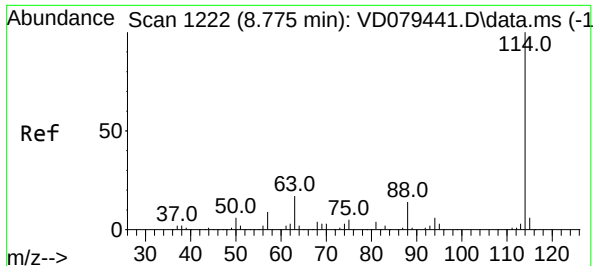
Tgt Ion:168 Resp: 187526
Ion Ratio Lower Upper
168 100
99 54.1 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 51.781 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079619.D
Acq: 06 Aug 2024 13:30

Tgt Ion: 65 Resp: 98648
Ion Ratio Lower Upper
65 100
67 56.2 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: VD079619.D

Acq: 06 Aug 2024 13:30

Instrument :

MSVOA_D

ClientSampleId :

CL-02-080124RE

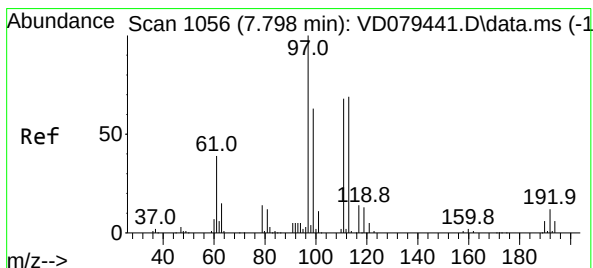
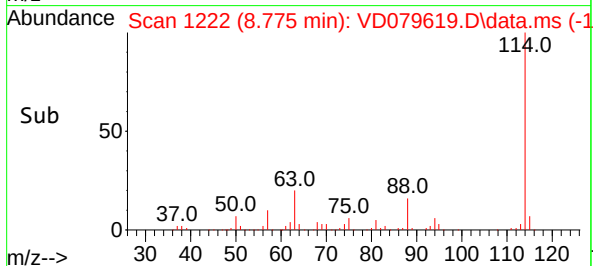
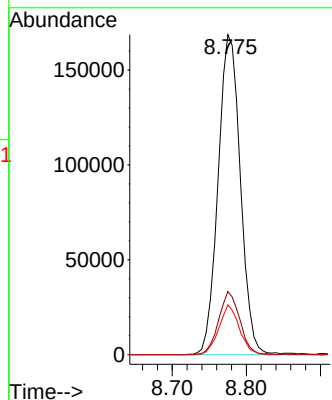
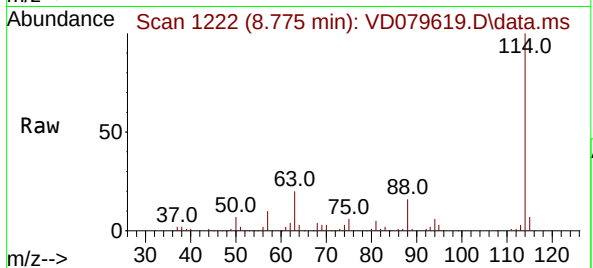
Tgt Ion:114 Resp: 352069

Ion Ratio Lower Upper

114 100

63 19.8 0.0 34.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.616 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079619.D

Acq: 06 Aug 2024 13:30

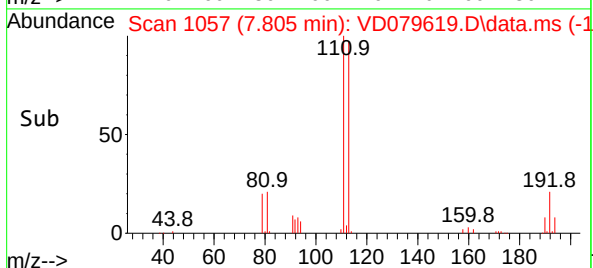
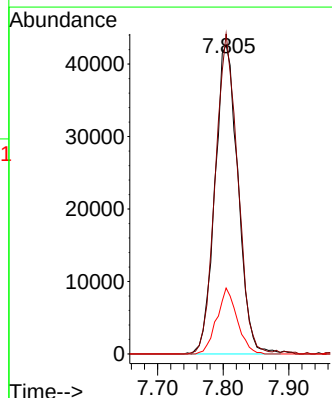
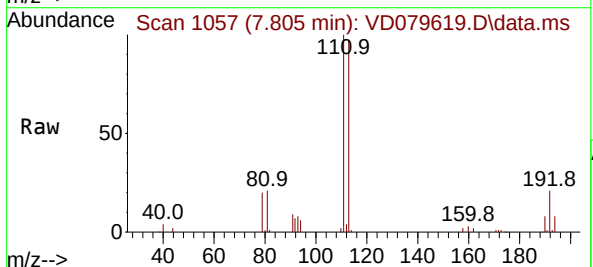
Tgt Ion:113 Resp: 103936

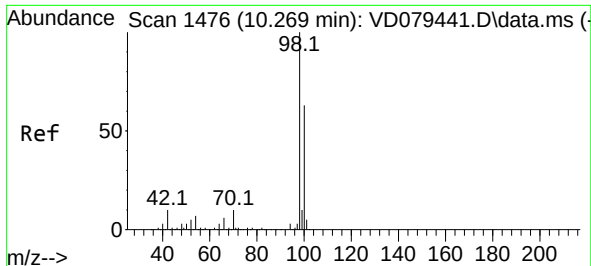
Ion Ratio Lower Upper

113 100

111 100.9 84.0 126.0

192 18.8 15.4 23.0

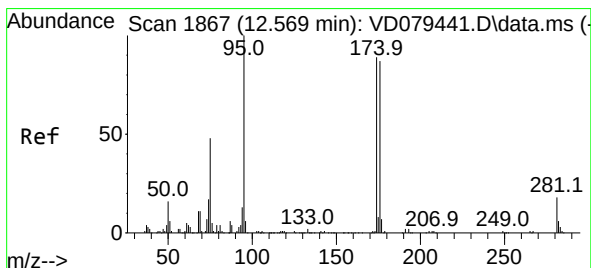
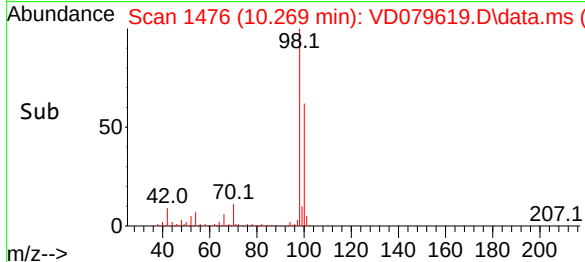
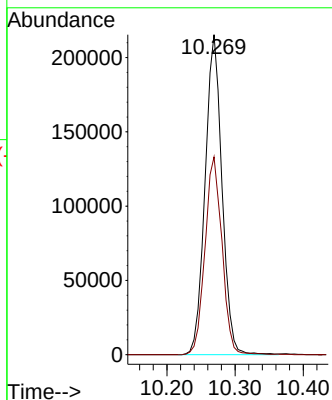
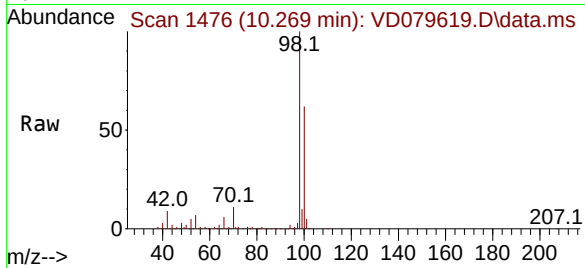




#50
Toluene-d8
Concen: 40.168 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079619.D
Acq: 06 Aug 2024 13:30

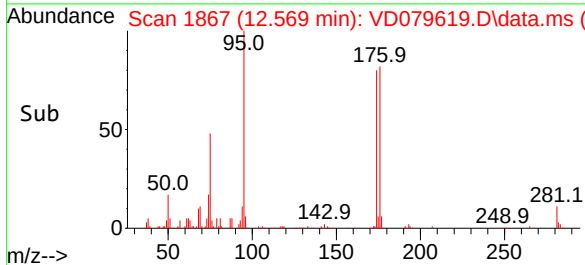
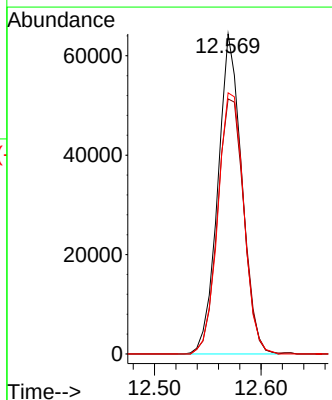
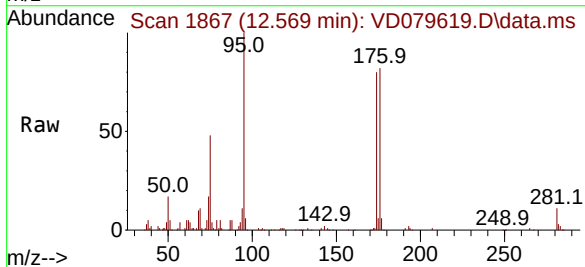
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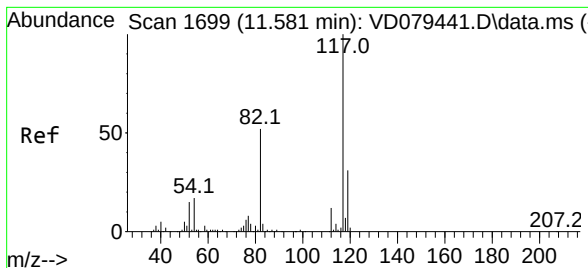
Tgt Ion: 98 Resp: 371712
Ion Ratio Lower Upper
98 100
100 62.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.457 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079619.D
Acq: 06 Aug 2024 13:30

Tgt Ion: 95 Resp: 100306
Ion Ratio Lower Upper
95 100
174 88.0 0.0 195.4
176 88.2 0.0 192.6

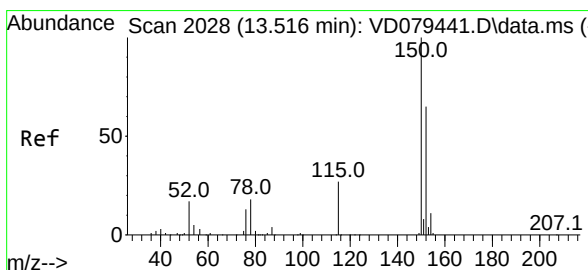
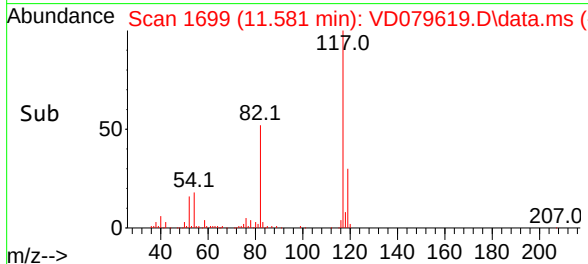
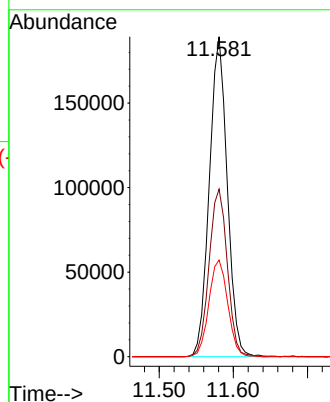
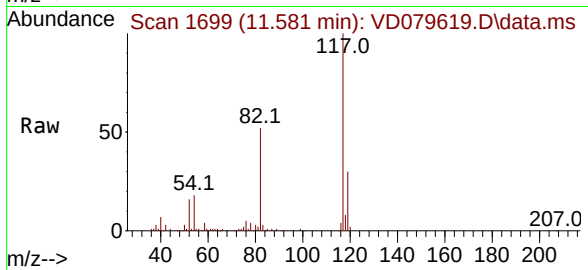




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079619.D
Acq: 06 Aug 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
CL-02-080124RE

Tgt Ion:117 Resp: 317057
Ion Ratio Lower Upper
117 100
82 52.4 39.8 59.6
119 30.2 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: VD079619.D
Acq: 06 Aug 2024 13:30

Tgt Ion:152 Resp: 140810
Ion Ratio Lower Upper
152 100
115 54.8 26.5 79.5
150 158.1 0.0 341.6

