

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079584.D
 Acq On : 05 Aug 2024 16:49
 Operator : RP/MD
 Sample : P3441-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-08012024

Quant Time: Aug 06 02:47:09 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	140121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	268023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	232452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91154	64.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.080%
35) Dibromofluoromethane	7.804	113	92458	50.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.940%
50) Toluene-d8	10.269	98	293675	41.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.380%
62) 4-Bromofluorobenzene	12.569	95	71092	34.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.740%

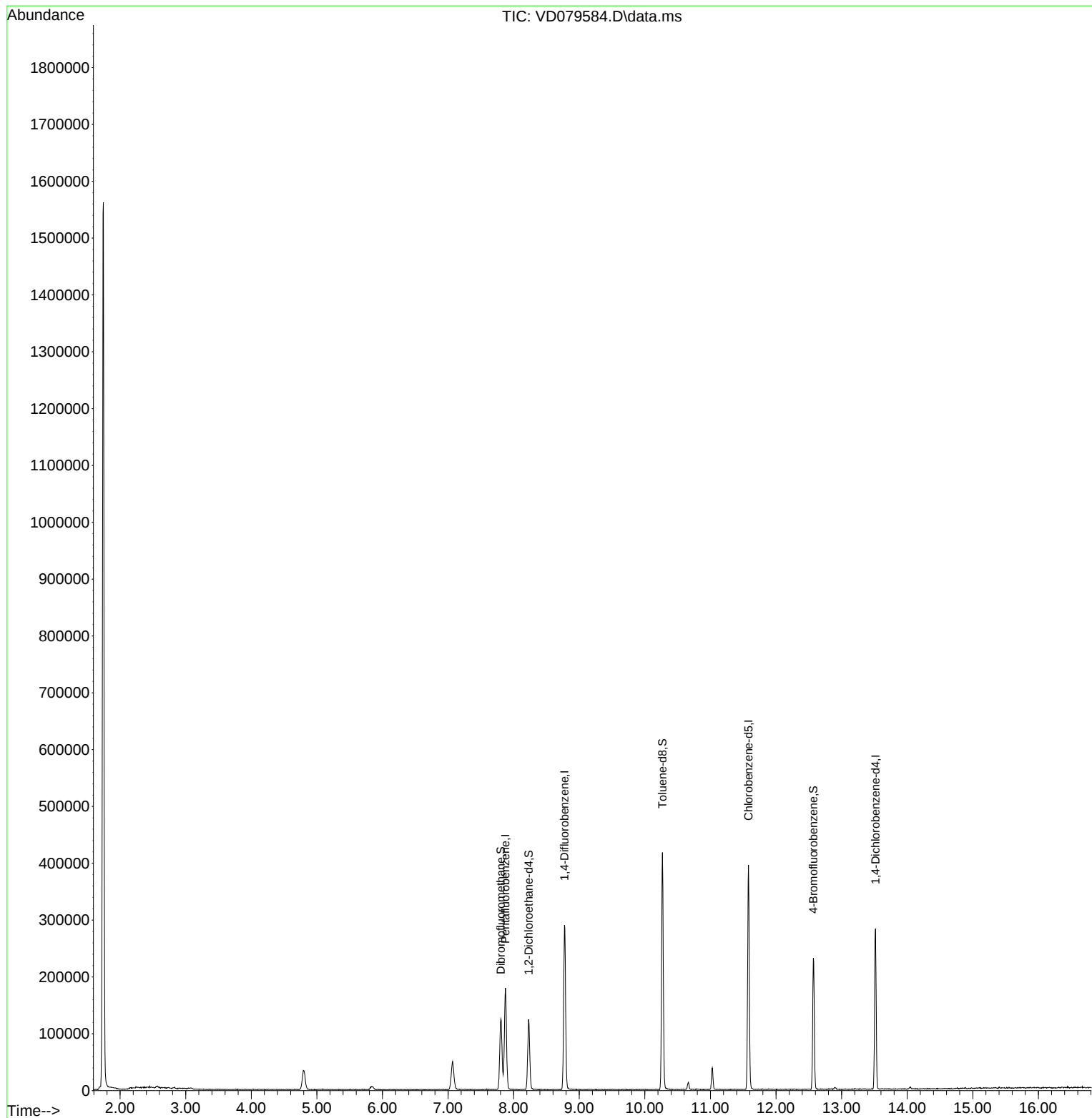
Target Compounds	Qvalue

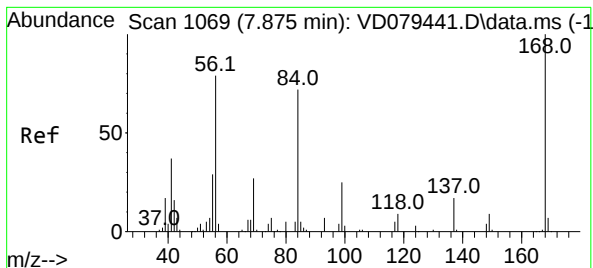
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079584.D

Acq: 05 Aug 2024 16:49

Instrument :

MSVOA_D

ClientSampleId :

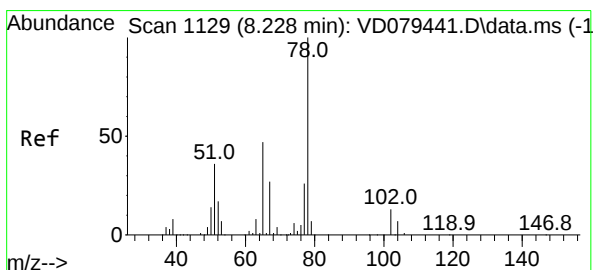
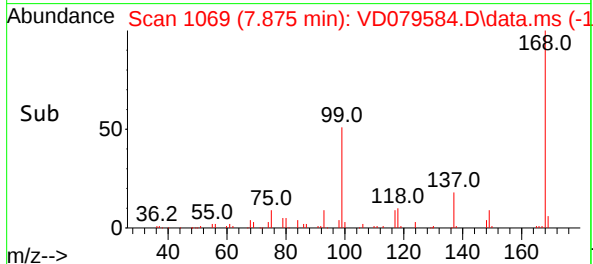
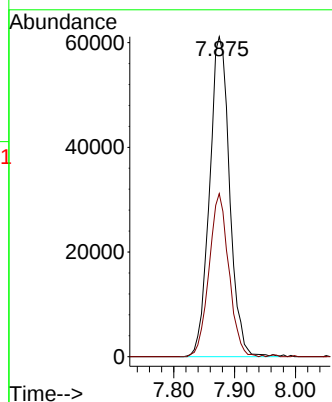
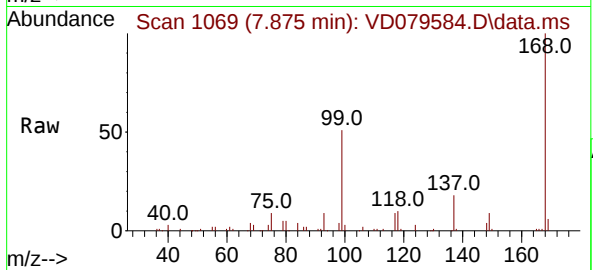
BU-02-08012024

Tgt Ion:168 Resp: 140121

Ion Ratio Lower Upper

168 100

99 50.9 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 64.035 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079584.D

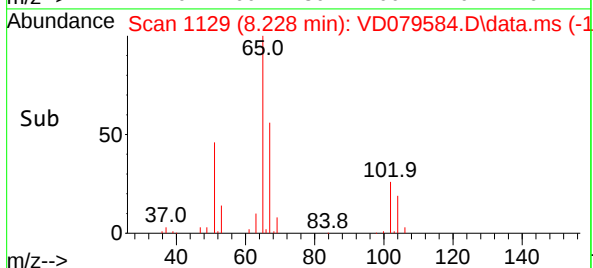
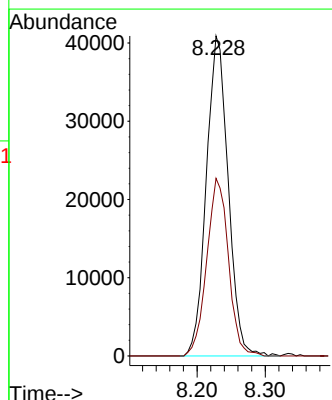
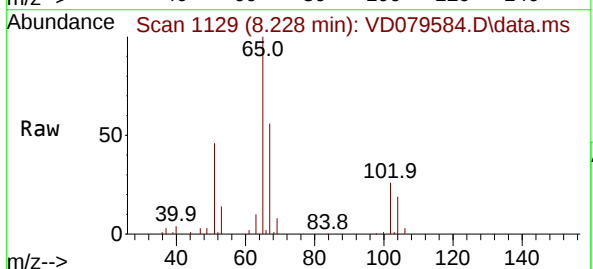
Acq: 05 Aug 2024 16:49

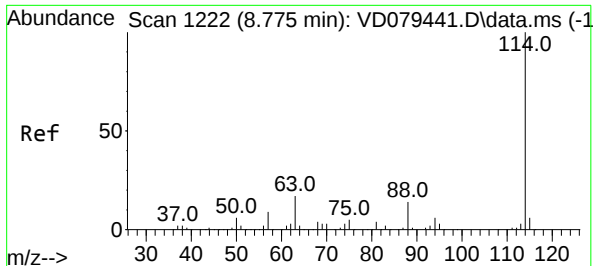
Tgt Ion: 65 Resp: 91154

Ion Ratio Lower Upper

65 100

67 55.2 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: VD079584.D

Acq: 05 Aug 2024 16:49

Instrument :

MSVOA_D

ClientSampleId :

BU-02-08012024

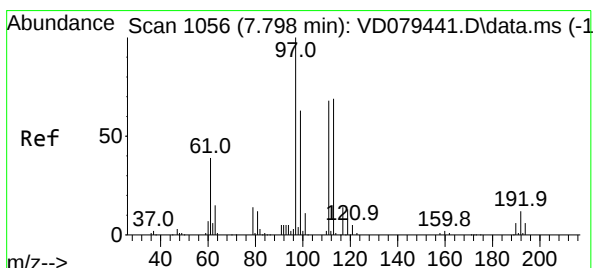
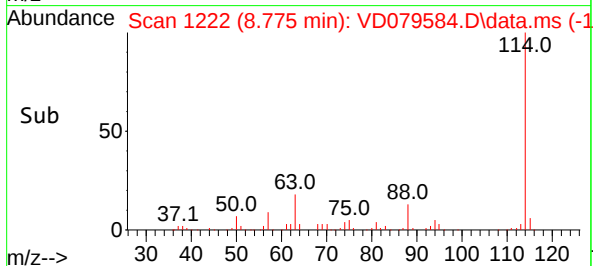
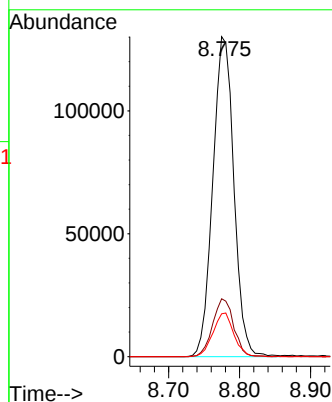
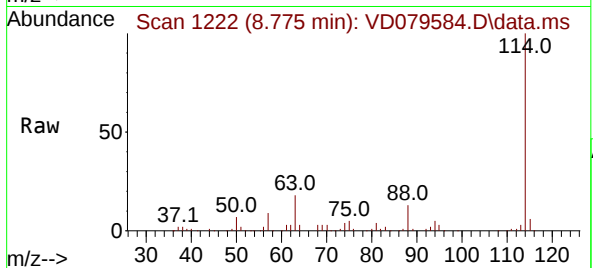
Tgt Ion:114 Resp: 268023

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.966 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079584.D

Acq: 05 Aug 2024 16:49

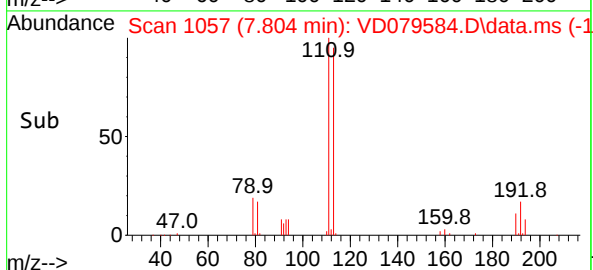
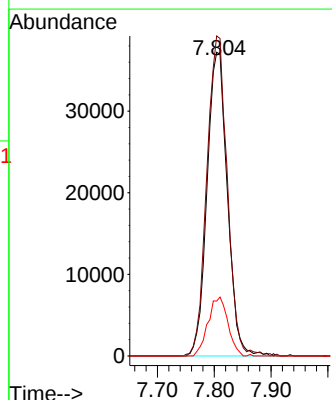
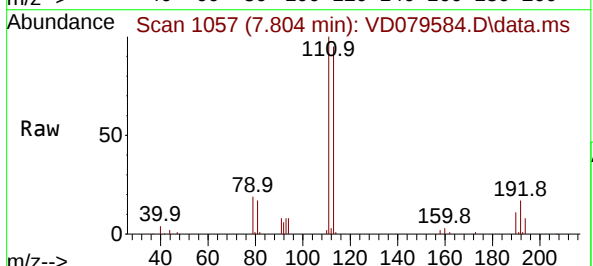
Tgt Ion:113 Resp: 92458

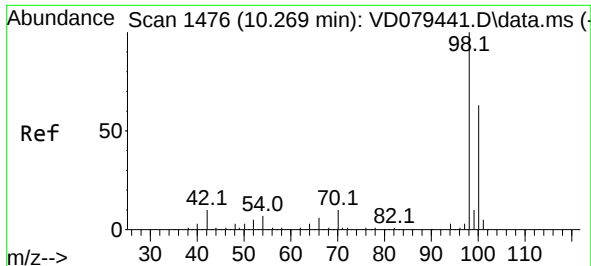
Ion Ratio Lower Upper

113 100

111 105.9 84.0 126.0

192 18.9 15.4 23.0

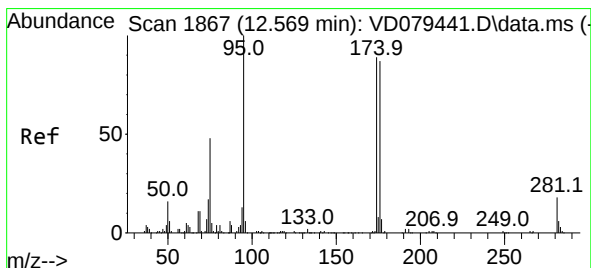
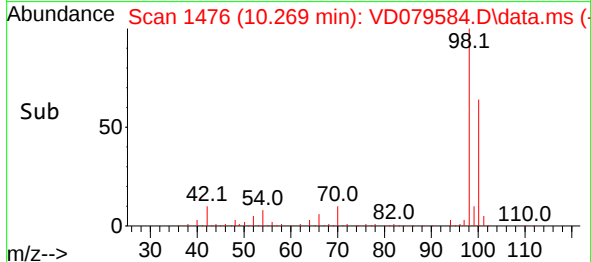
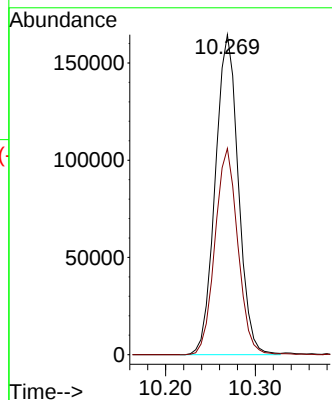
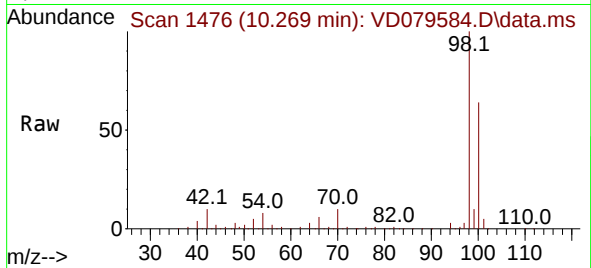




#50
Toluene-d8
Concen: 41.687 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079584.D
Acq: 05 Aug 2024 16:49

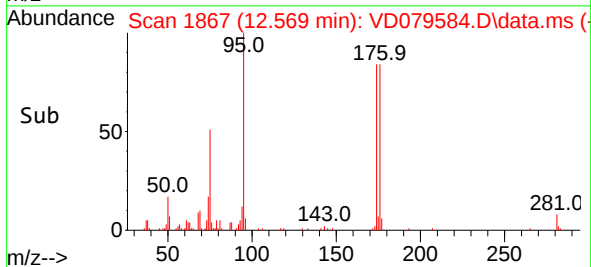
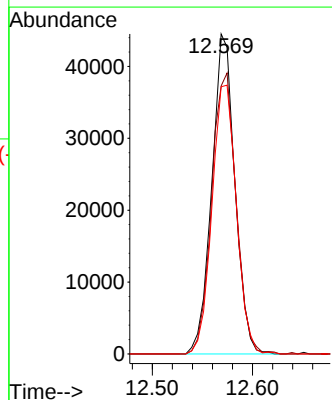
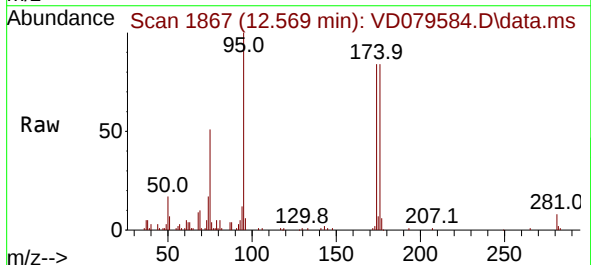
Instrument :
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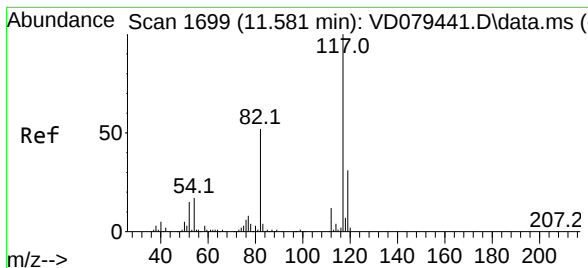
Tgt Ion: 98 Resp: 293675
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.872 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079584.D
Acq: 05 Aug 2024 16:49

Tgt Ion: 95 Resp: 71092
Ion Ratio Lower Upper
95 100
174 93.1 0.0 195.4
176 89.1 0.0 192.6

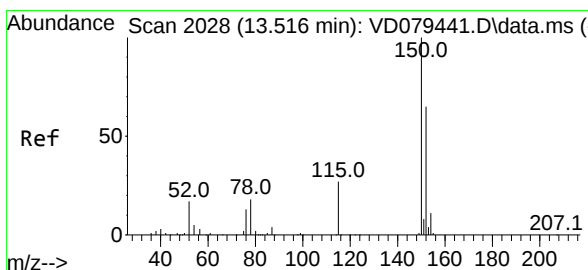
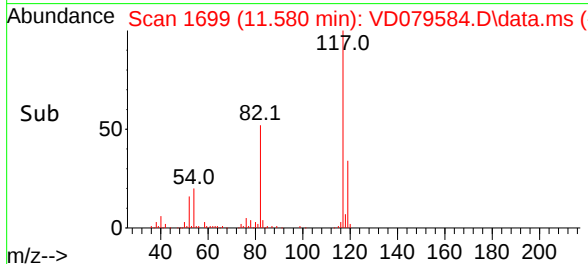
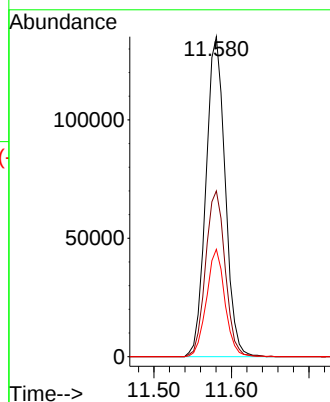
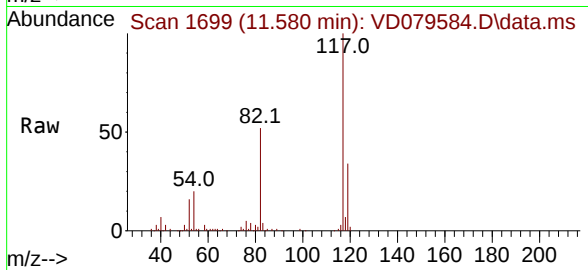




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079584.D
Acq: 05 Aug 2024 16:49

Instrument :
MSVOA_D
ClientSampleId :
BU-02-08012024

Tgt Ion:117 Resp: 232452
Ion Ratio Lower Upper
117 100
82 51.8 39.8 59.6
119 33.5 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: VD079584.D
Acq: 05 Aug 2024 16:49

Tgt Ion:152 Resp: 80985
Ion Ratio Lower Upper
152 100
115 54.3 26.5 79.5
150 152.6 0.0 341.6

