

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079624.D
 Acq On : 06 Aug 2024 15:48
 Operator : RP/MD
 Sample : P3448-03RE
 Misc : 3.52G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2RE

Quant Time: Aug 06 16:21:30 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	96621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	101431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	21587	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63474	64.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.340%
35) Dibromofluoromethane	7.810	113	64858	58.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.700%
50) Toluene-d8	10.269	98	155755	36.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.800%
62) 4-Bromofluorobenzene	12.569	95	22899	18.491	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	36.980%

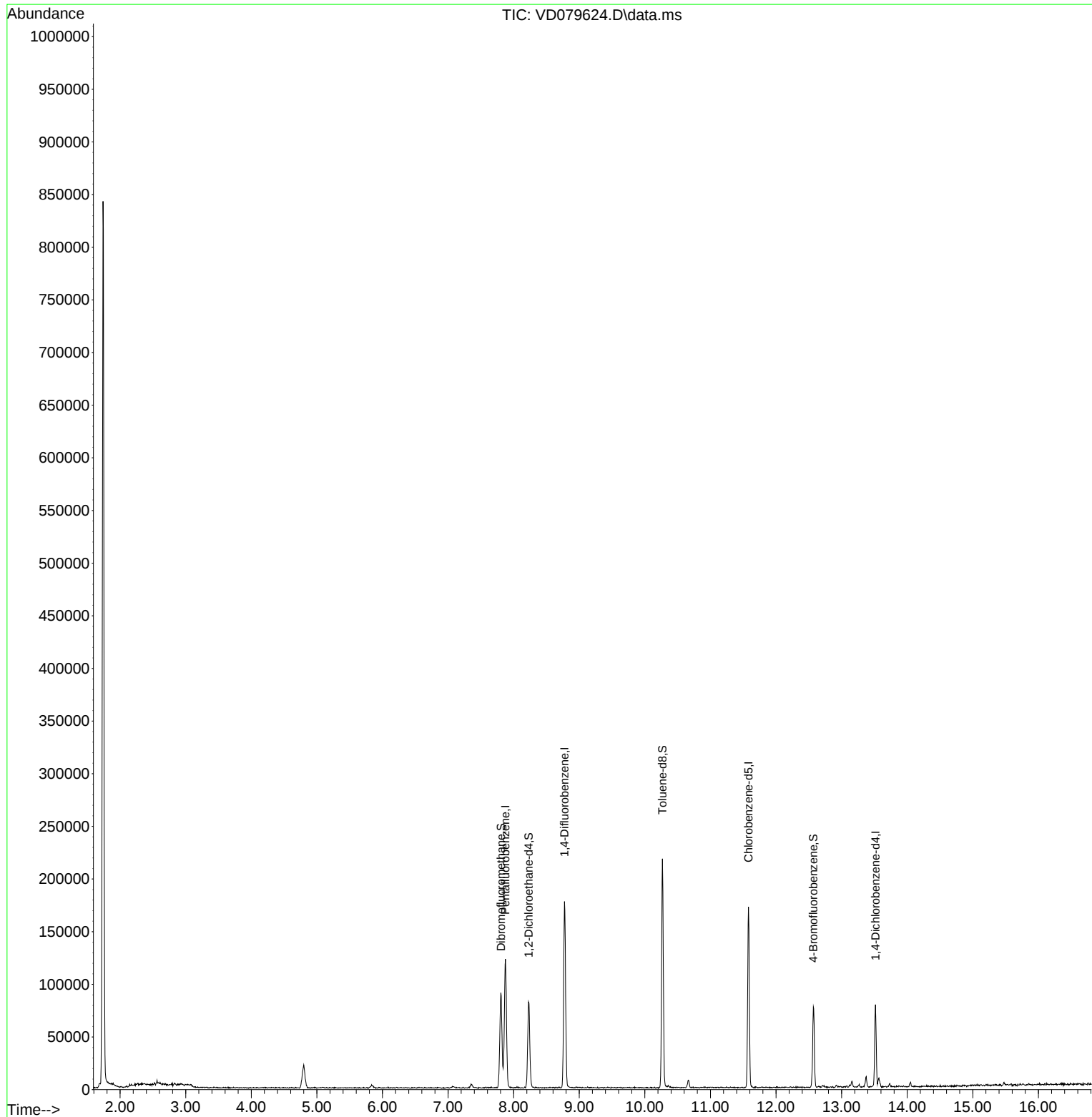
Target Compounds	Qvalue

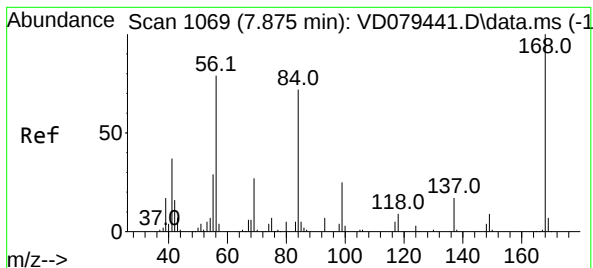
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079624.D

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Instrument :

MSVOA_D

ClientSampleId :

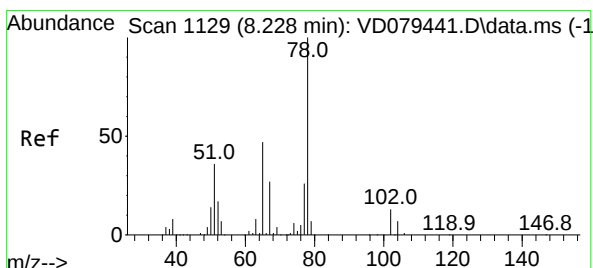
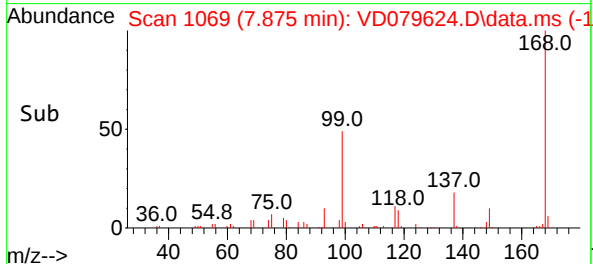
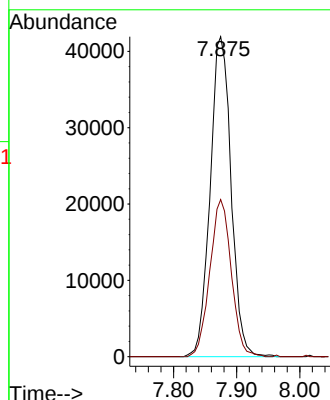
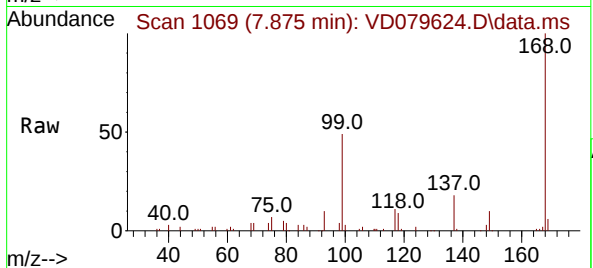
TP2RE

Tgt Ion:168 Resp: 96621

Ion Ratio Lower Upper

168 100

99 49.1 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 64.665 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079624.D

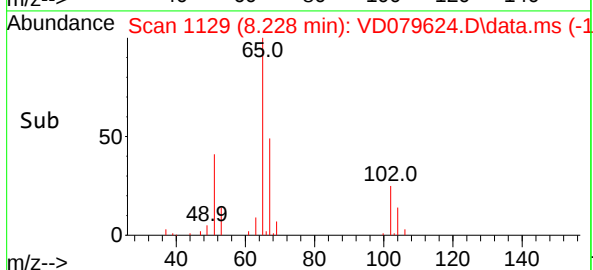
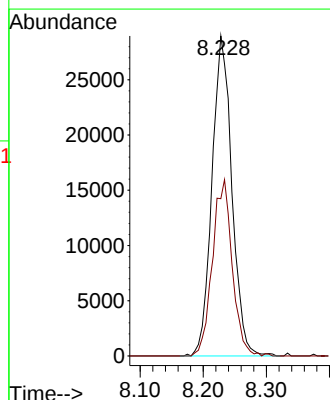
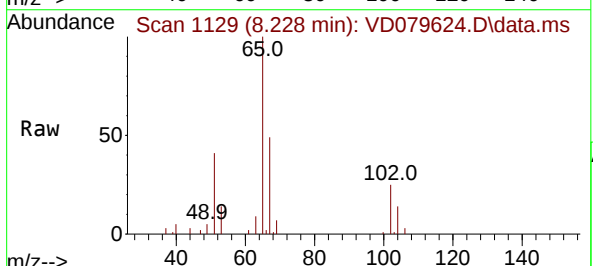
Acq: 06 Aug 2024 15:48

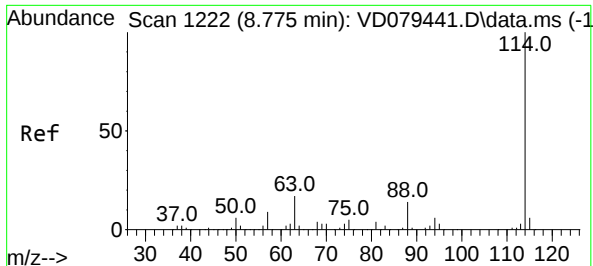
Tgt Ion: 65 Resp: 63474

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079624.D

Acq: 06 Aug 2024 15:48

Instrument :

MSVOA_D

ClientSampleId :

TP2RE

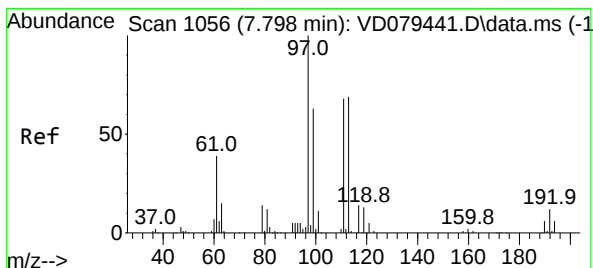
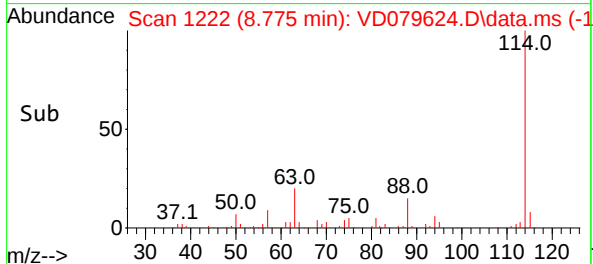
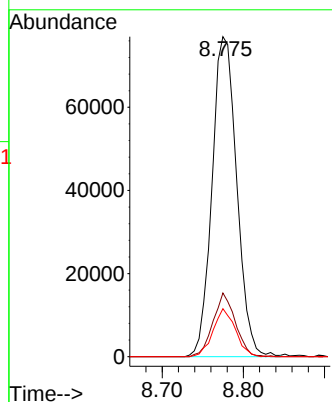
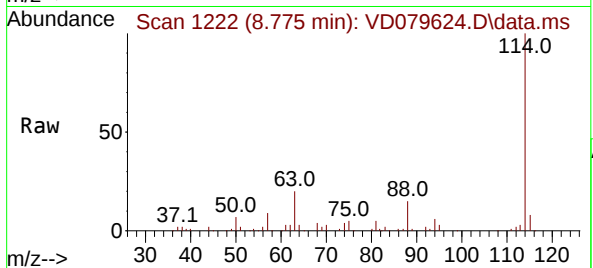
Tgt Ion:114 Resp: 162814

Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.855 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079624.D

Acq: 06 Aug 2024 15:48

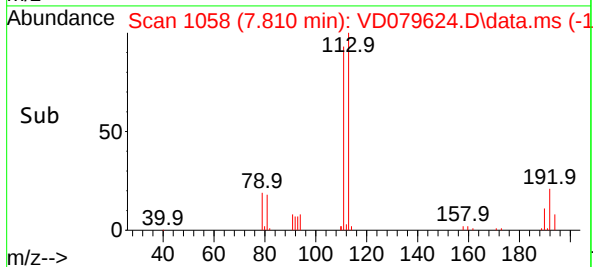
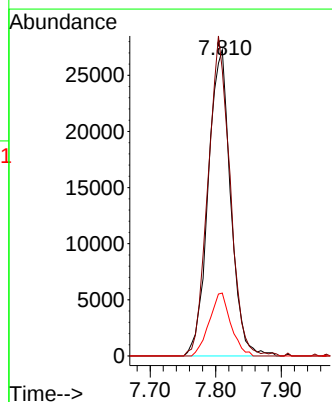
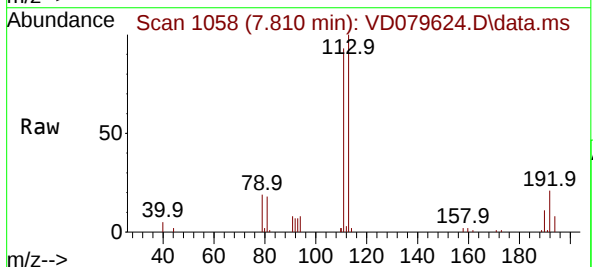
Tgt Ion:113 Resp: 64858

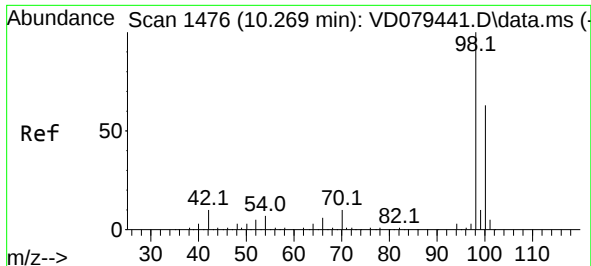
Ion Ratio Lower Upper

113 100

111 102.4 84.0 126.0

192 19.7 15.4 23.0

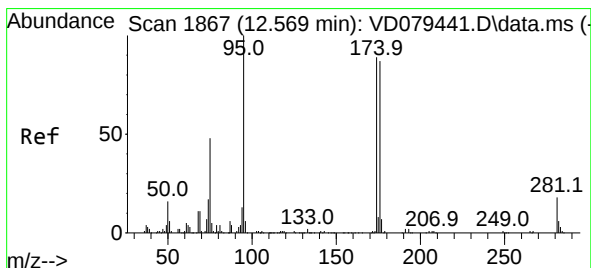
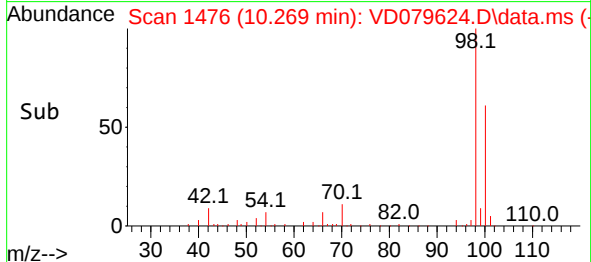
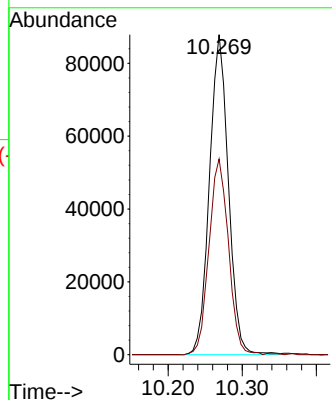
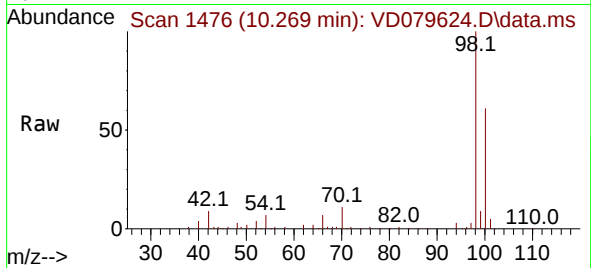




#50
Toluene-d8
Concen: 36.396 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079624.D
Acq: 06 Aug 2024 15:48

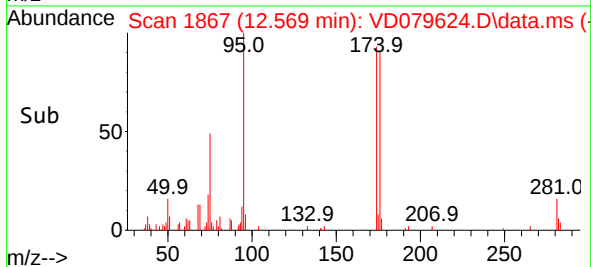
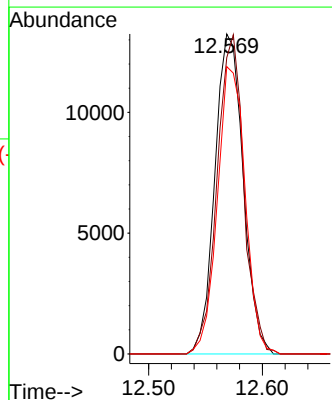
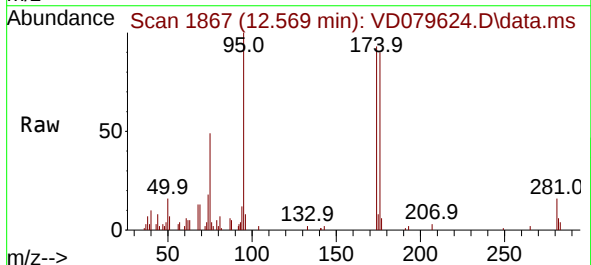
Instrument :
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ClientSampleId :
TP2RE

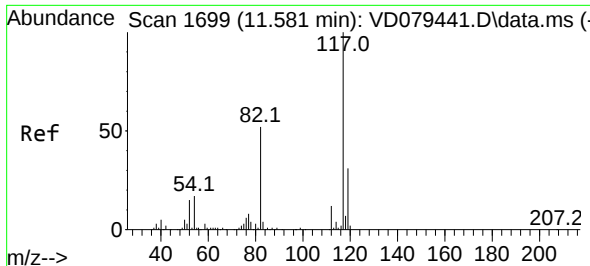
Tgt Ion: 98 Resp: 155755
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 18.491 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079624.D
Acq: 06 Aug 2024 15:48

Tgt Ion: 95 Resp: 22899
Ion Ratio Lower Upper
95 100
174 94.1 0.0 195.4
176 88.3 0.0 192.6

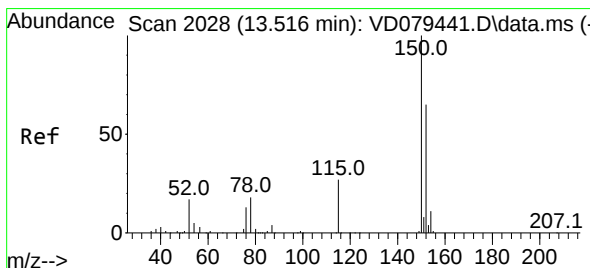
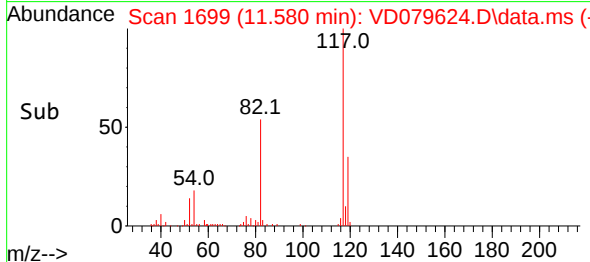
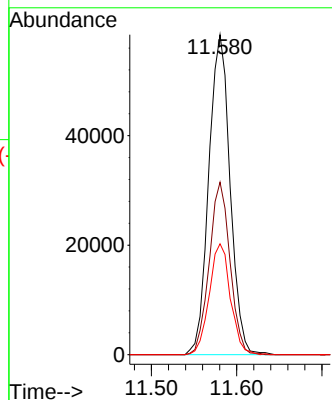
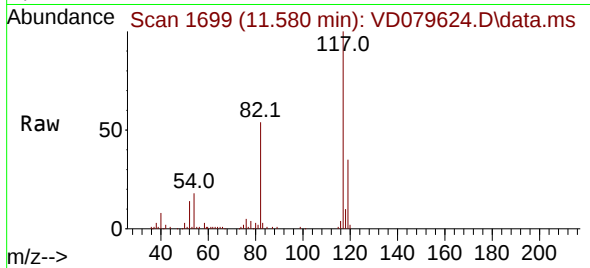




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079624.D
Acq: 06 Aug 2024 15:48

Instrument :
MSVOA_D
ClientSampleId :
TP2RE

Tgt Ion:117 Resp: 101431
Ion Ratio Lower Upper
117 100
82 53.9 39.8 59.6
119 34.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.005 min
Lab File: VD079624.D
Acq: 06 Aug 2024 15:48

Tgt Ion:152 Resp: 21587
Ion Ratio Lower Upper
152 100
115 55.5 26.5 79.5
150 156.5 0.0 341.6

