

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077398.D
 Acq On : 24 Oct 2023 16:48
 Operator : JC/SY
 Sample : 05011-05
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-24313

Quant Time: Oct 25 04:06:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	118076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	224613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	54462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58160	55.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.804	113	70422	44.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.260%
50) Toluene-d8	10.269	98	194380	34.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.800%
62) 4-Bromofluorobenzene	12.575	95	51325	31.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.100%

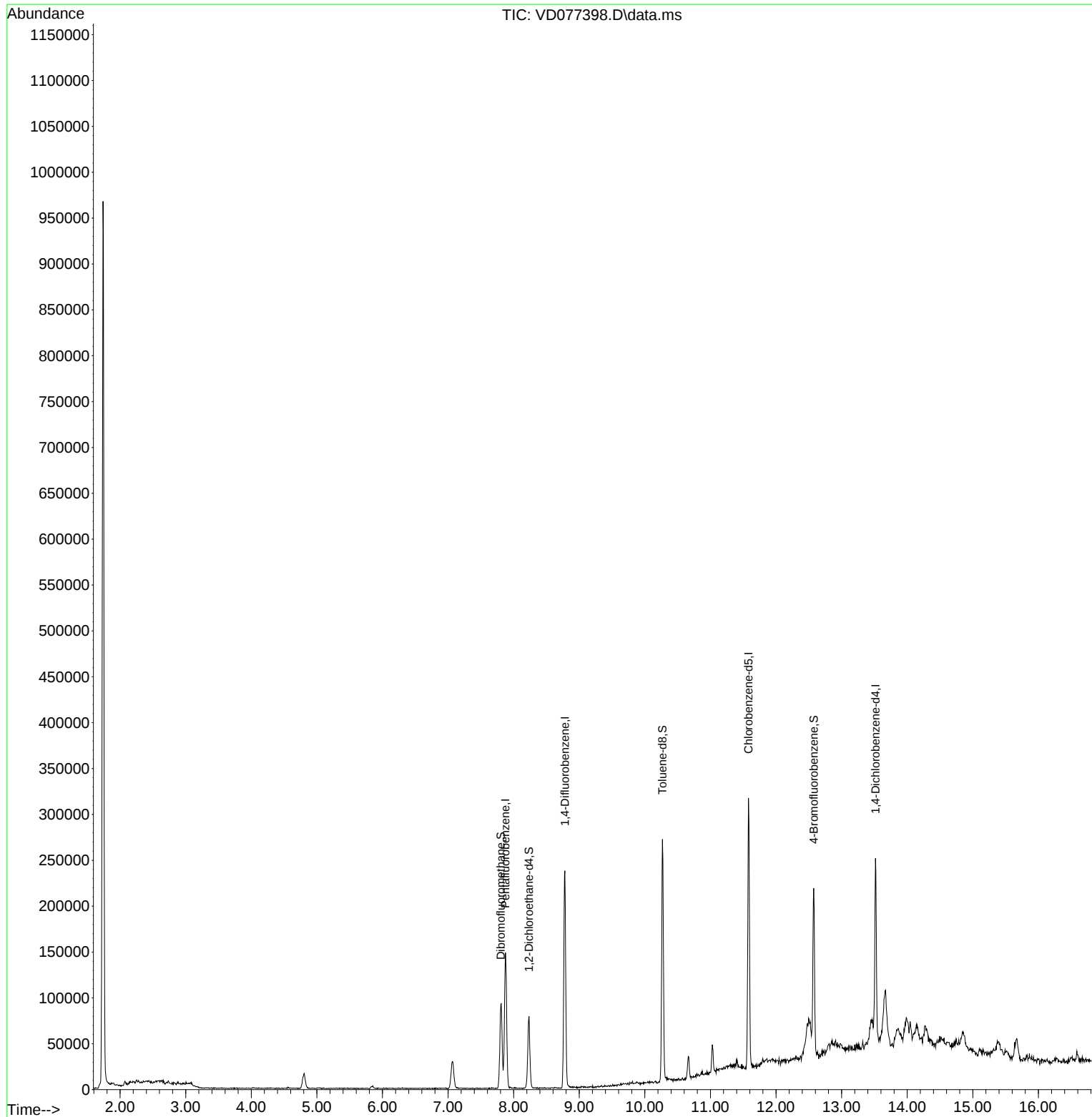
Target Compounds	Qvalue

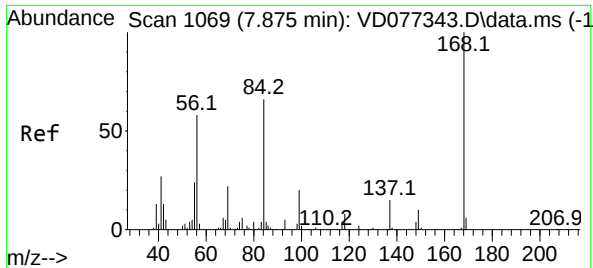
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077398.D
Acq On : 24 Oct 2023 16:48
Operator : JC/SY
Sample : 05011-05
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-24313

Quant Time: Oct 25 04:06:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

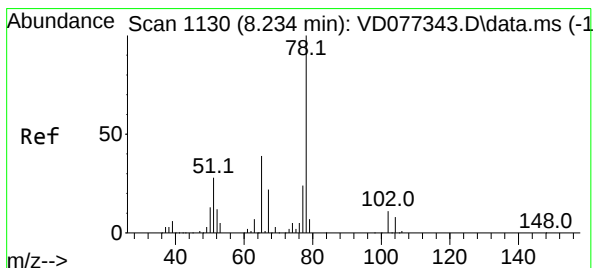
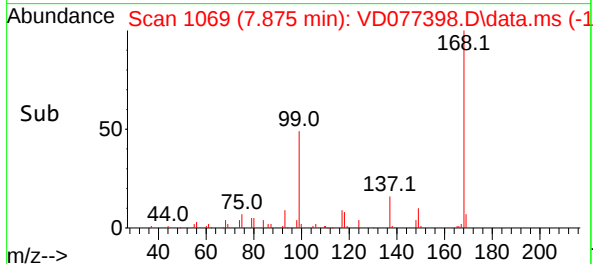
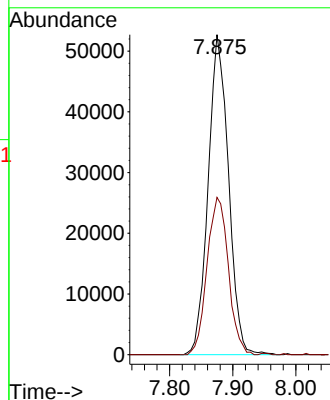
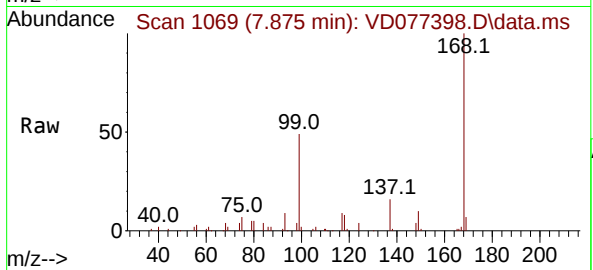




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD077398.D
Acq: 24 Oct 2023 16:48

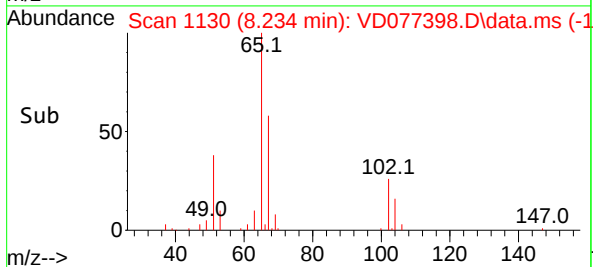
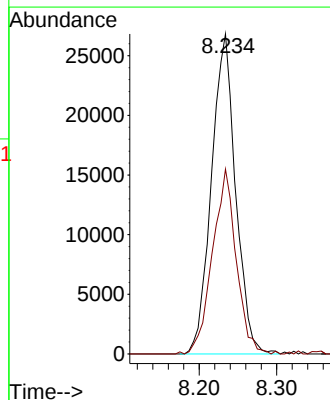
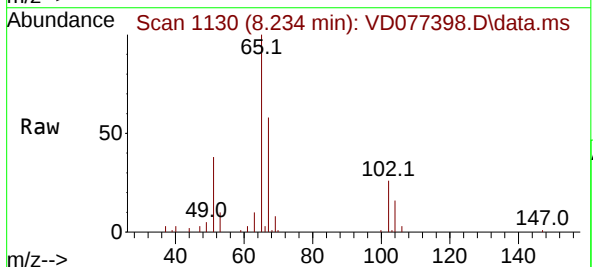
Instrument :
MSVOA_D
ClientSampleId :
RBR-24313

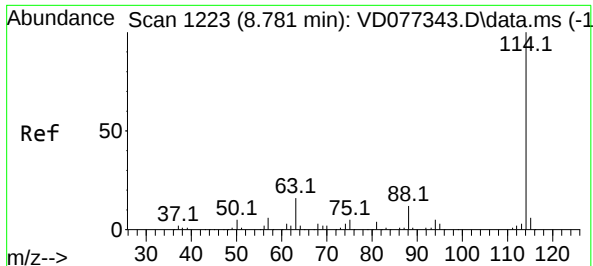
Tgt Ion:168 Resp: 118076
Ion Ratio Lower Upper
168 100
99 49.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 55.162 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077398.D
Acq: 24 Oct 2023 16:48

Tgt Ion: 65 Resp: 58160
Ion Ratio Lower Upper
65 100
67 56.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077398.D

Acq: 24 Oct 2023 16:48

Instrument :

MSVOA_D

ClientSampleId :

RBR-24313

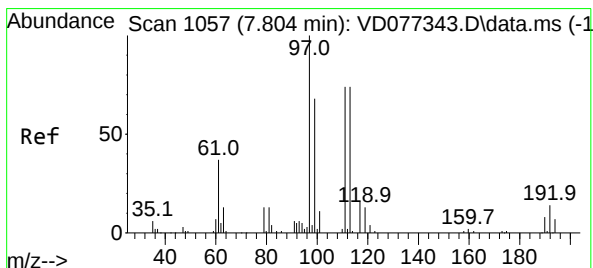
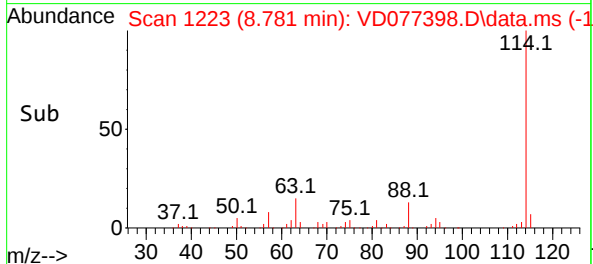
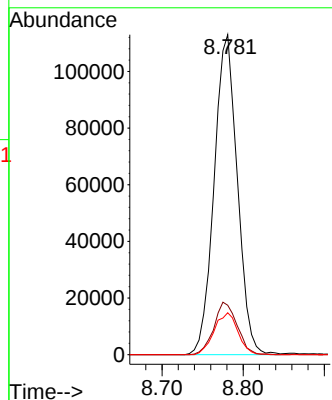
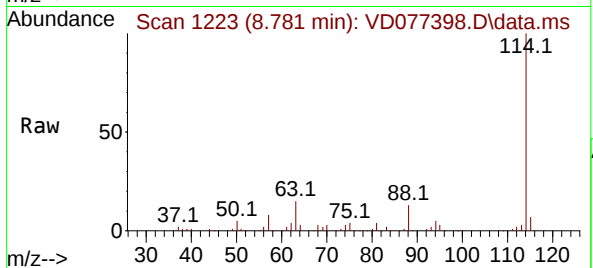
Tgt Ion:114 Resp: 224613

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.627 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077398.D

Acq: 24 Oct 2023 16:48

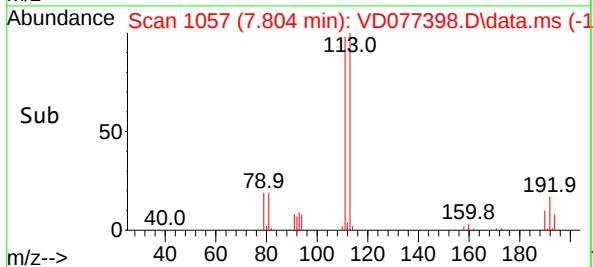
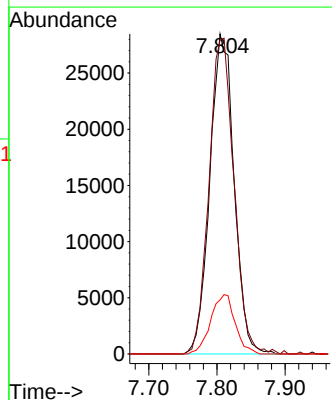
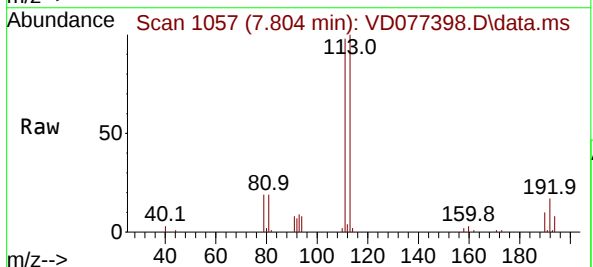
Tgt Ion:113 Resp: 70422

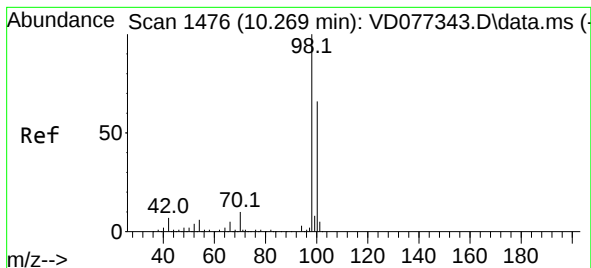
Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 18.7 16.8 25.2





#50

Toluene-d8

Concen: 34.395 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077398.D

Acq: 24 Oct 2023 16:48

Instrument :

MSVOA_D

ClientSampleId :

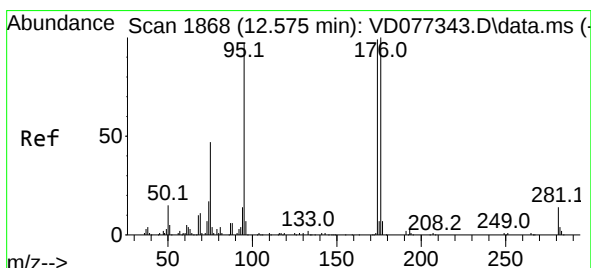
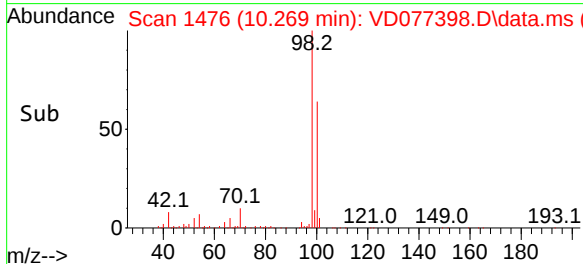
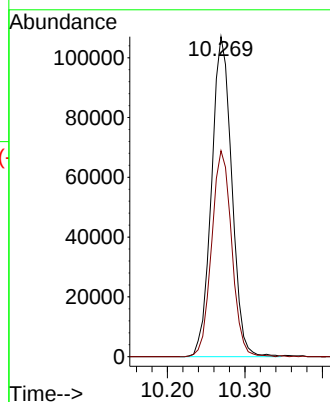
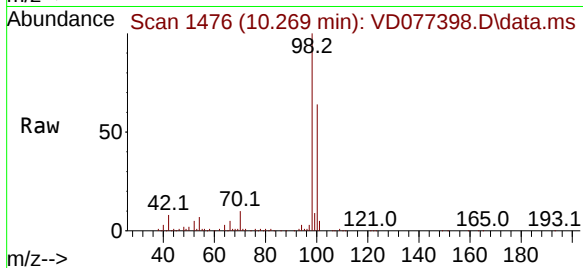
RBR-24313

Tgt Ion: 98 Resp: 194380

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 31.550 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077398.D

Acq: 24 Oct 2023 16:48

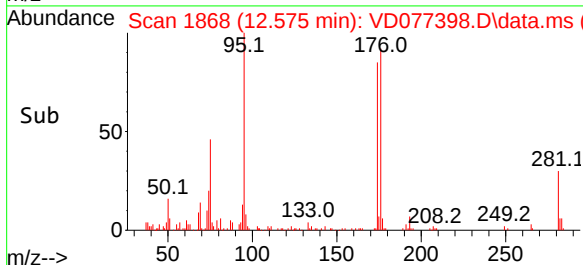
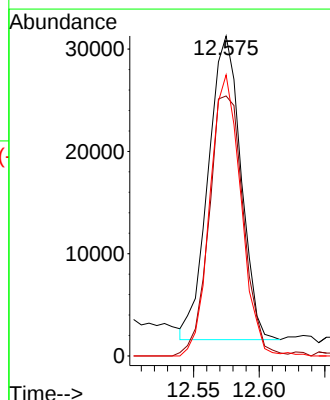
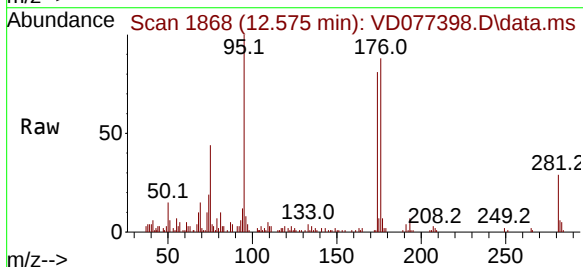
Tgt Ion: 95 Resp: 51325

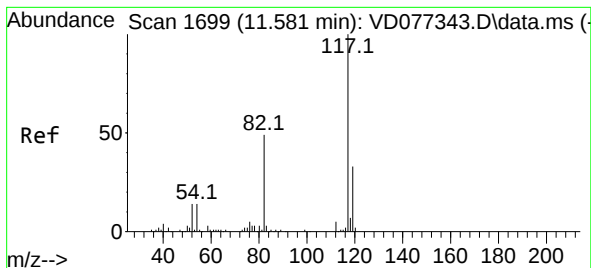
Ion Ratio Lower Upper

95 100

174 90.3 0.0 201.8

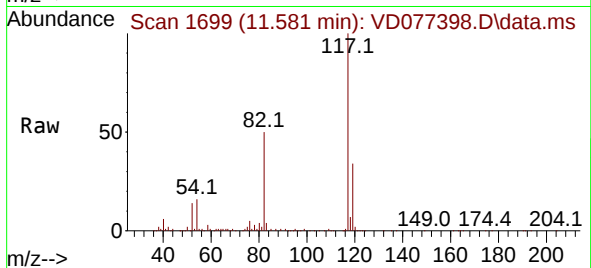
176 88.1 0.0 191.8



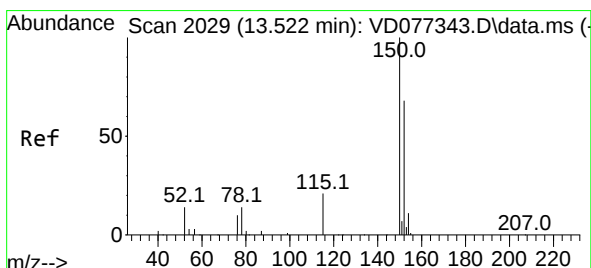
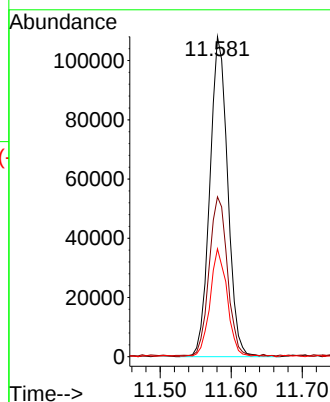
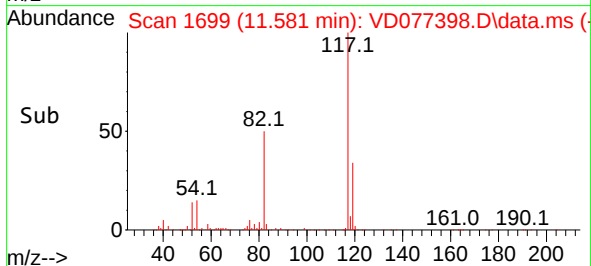


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077398.D
Acq: 24 Oct 2023 16:48

Instrument :
MSVOA_D
ClientSampleId :
RBR-24313



Tgt Ion:117 Resp: 188645
Ion Ratio Lower Upper
117 100
82 49.6 38.3 57.5
119 33.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077398.D
Acq: 24 Oct 2023 16:48

Tgt Ion:152 Resp: 54462
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 157.3 0.0 353.6

