

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077322.D
 Acq On : 12 Oct 2023 17:37
 Operator : JC/SY
 Sample : 04830-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-2327RE

Quant Time: Oct 13 02:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	10781	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	21890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	31493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	7086	83.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.200%#
35) Dibromofluoromethane	7.810	113	8532	74.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	149.700%#
50) Toluene-d8	10.263	98	30097	78.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	157.480%#
62) 4-Bromofluorobenzene	12.575	95	13387	104.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	208.560%#

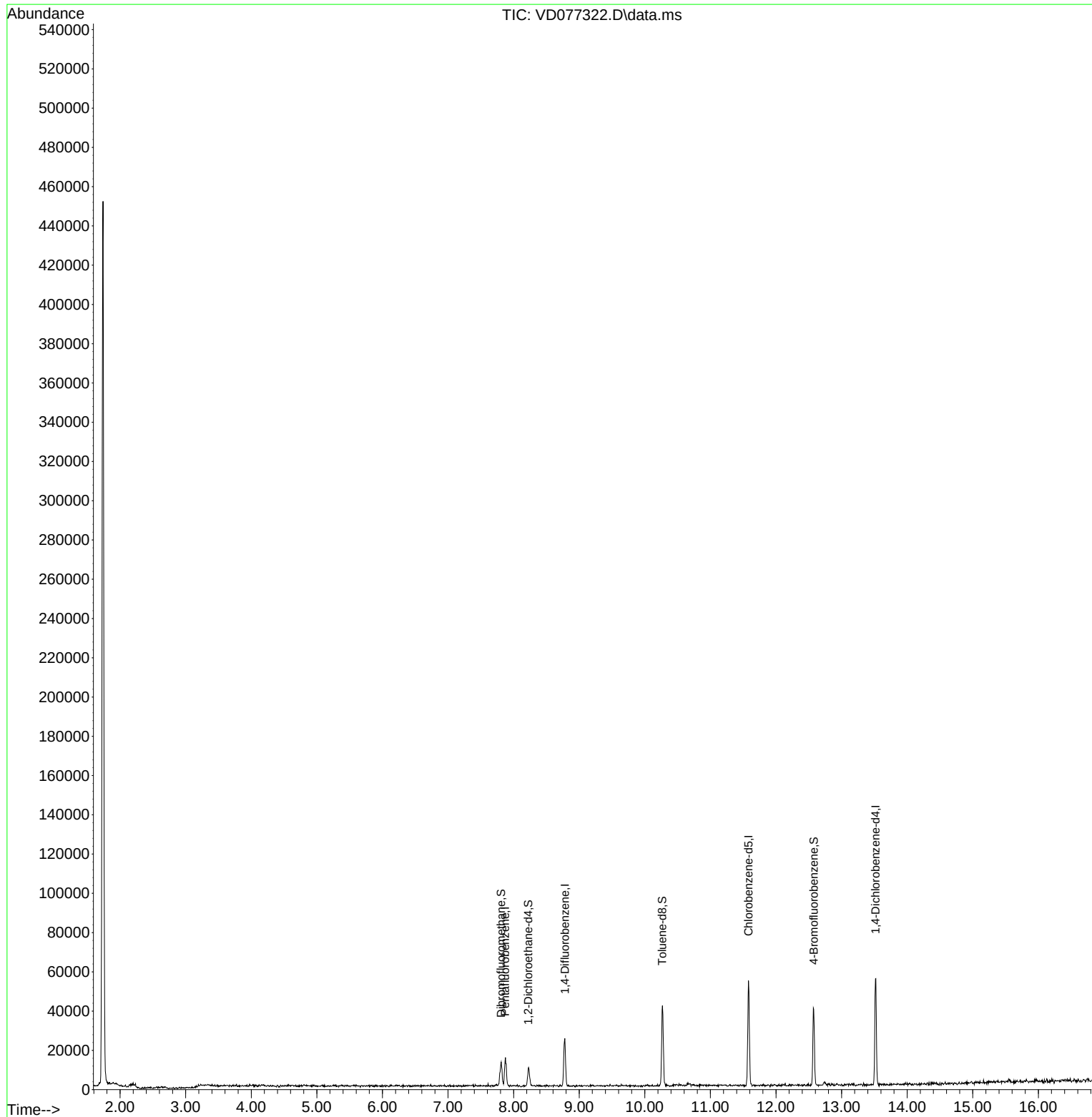
Target Compounds	Qvalue

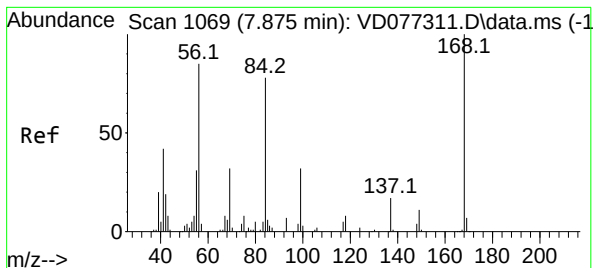
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1106

Delta R.T. -0.006 min

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Instrument :

MSVOA_D

ClientSampleId :

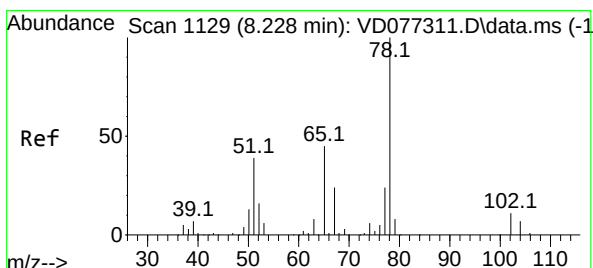
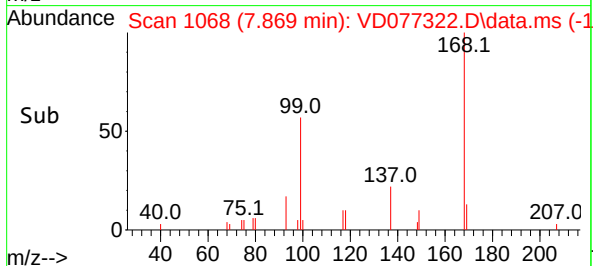
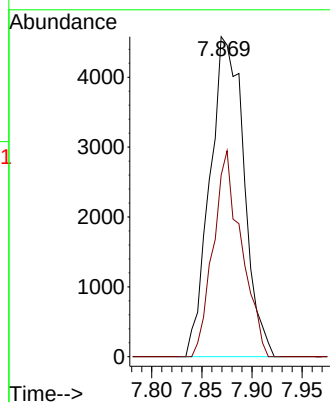
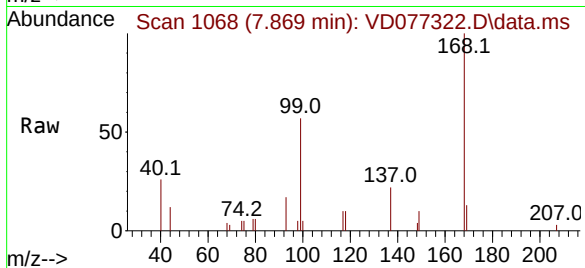
RT-2327RE

Tgt Ion:168 Resp: 10781

Ion Ratio Lower Upper

168 100

99 56.8 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 83.603 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD077322.D

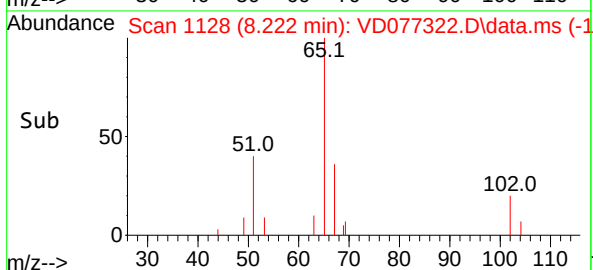
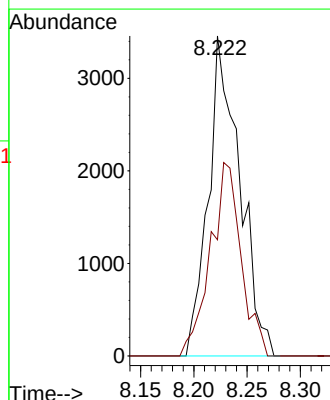
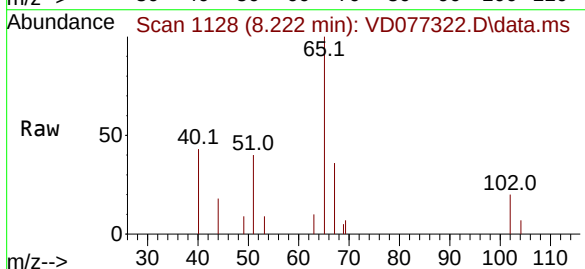
Acq: 12 Oct 2023 17:37

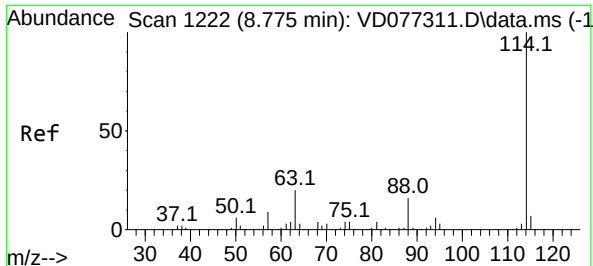
Tgt Ion: 65 Resp: 7086

Ion Ratio Lower Upper

65 100

67 58.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

RT-2327RE

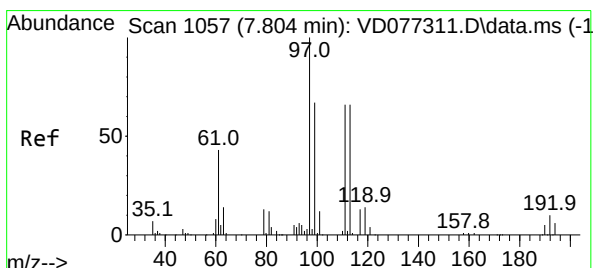
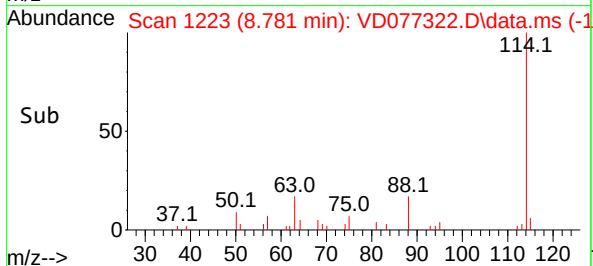
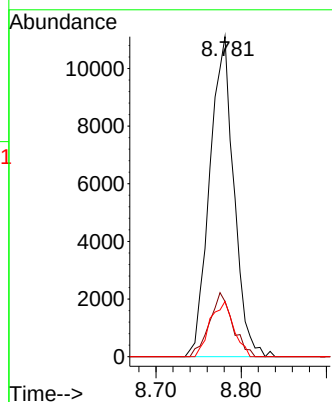
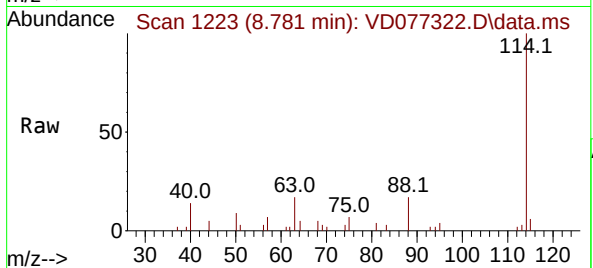
Tgt Ion:114 Resp: 21890

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 17.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 74.850 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

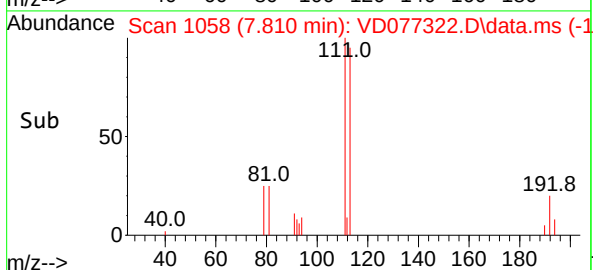
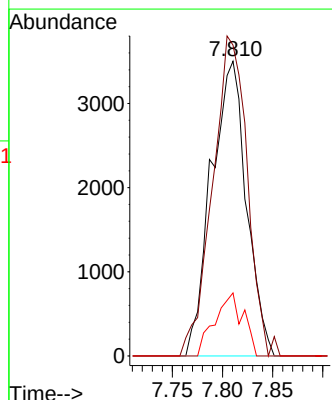
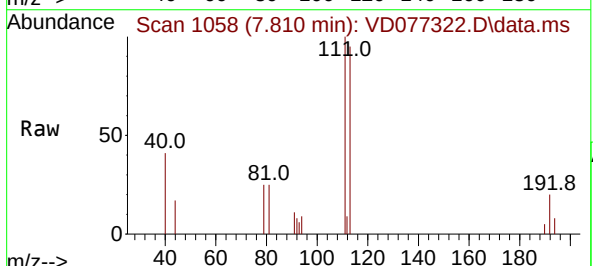
Tgt Ion:113 Resp: 8532

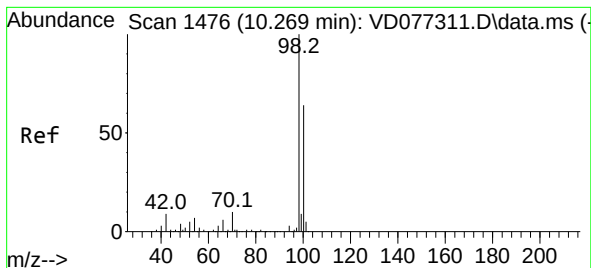
Ion Ratio Lower Upper

113 100

111 106.8 84.7 127.1

192 17.3 16.8 25.2





#50

Toluene-d8

Concen: 78.743 ug/l

RT: 10.263 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

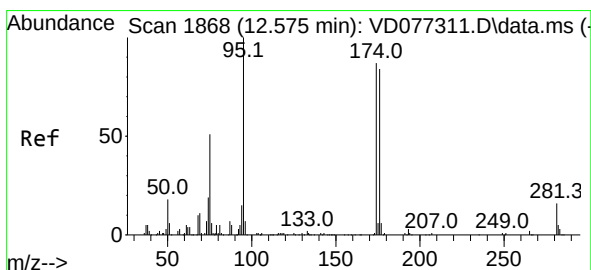
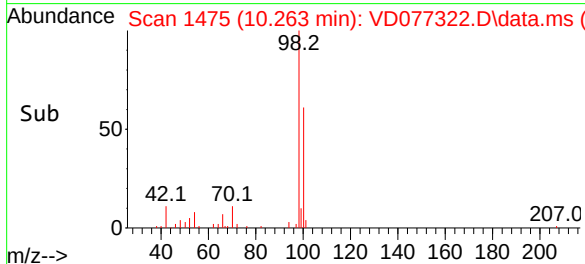
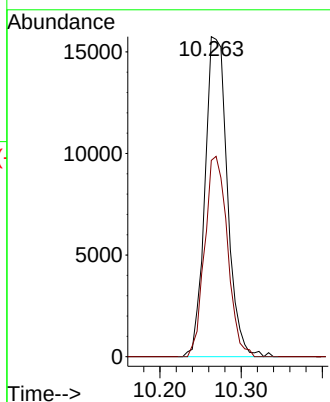
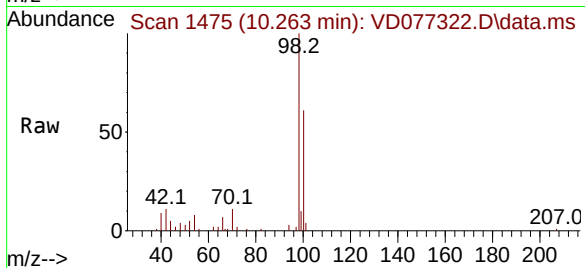
RT-2327RE

Tgt Ion: 98 Resp: 30097

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 104.281 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

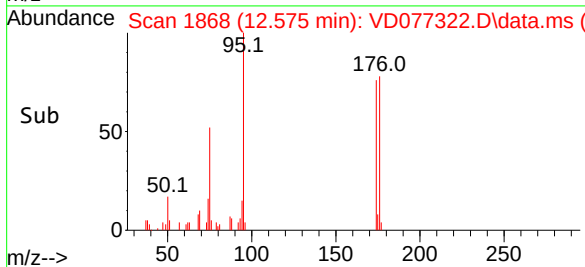
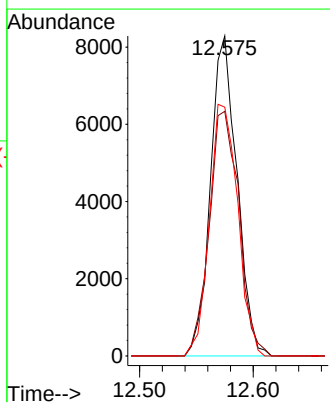
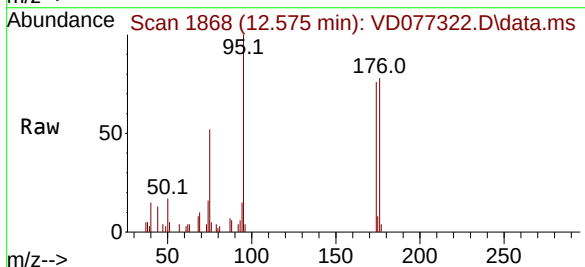
Tgt Ion: 95 Resp: 13387

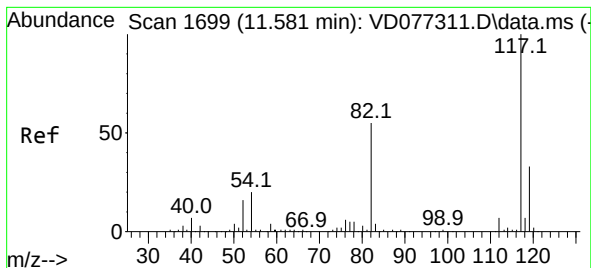
Ion Ratio Lower Upper

95 100

174 85.8 0.0 201.8

176 84.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

RT-2327RE

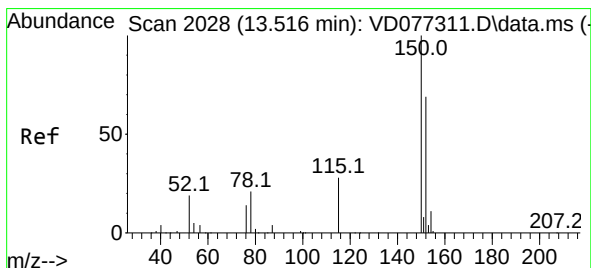
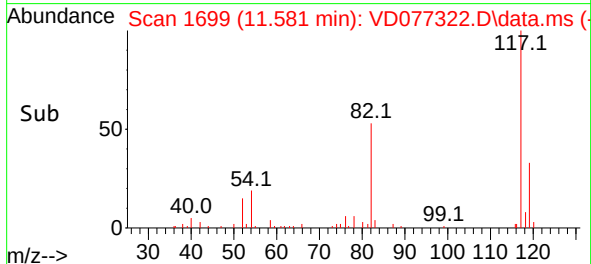
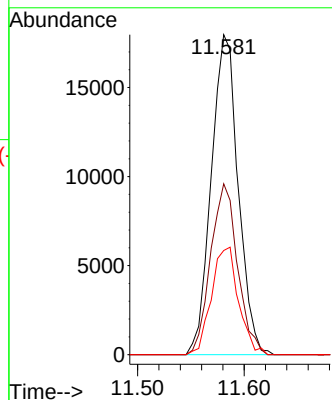
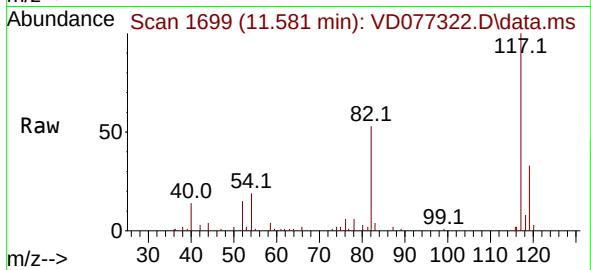
Tgt Ion:117 Resp: 31493

Ion Ratio Lower Upper

117 100

82 53.4 38.3 57.5

119 32.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD077322.D

Acq: 12 Oct 2023 17:37

Tgt Ion:152 Resp: 16354

Ion Ratio Lower Upper

152 100

115 52.8 27.1 81.3

150 148.3 0.0 353.6

