

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077395.D
 Acq On : 24 Oct 2023 15:27
 Operator : JC/SY
 Sample : 05025-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-10232023-A

Quant Time: Oct 25 04:05:45 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	20661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	44906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	50327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19209	104.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	208.240%#
35) Dibromofluoromethane	7.811	113	17663	55.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.980%
50) Toluene-d8	10.269	98	39590	35.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	70.080%
62) 4-Bromofluorobenzene	12.575	95	21542	66.235	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	132.460%

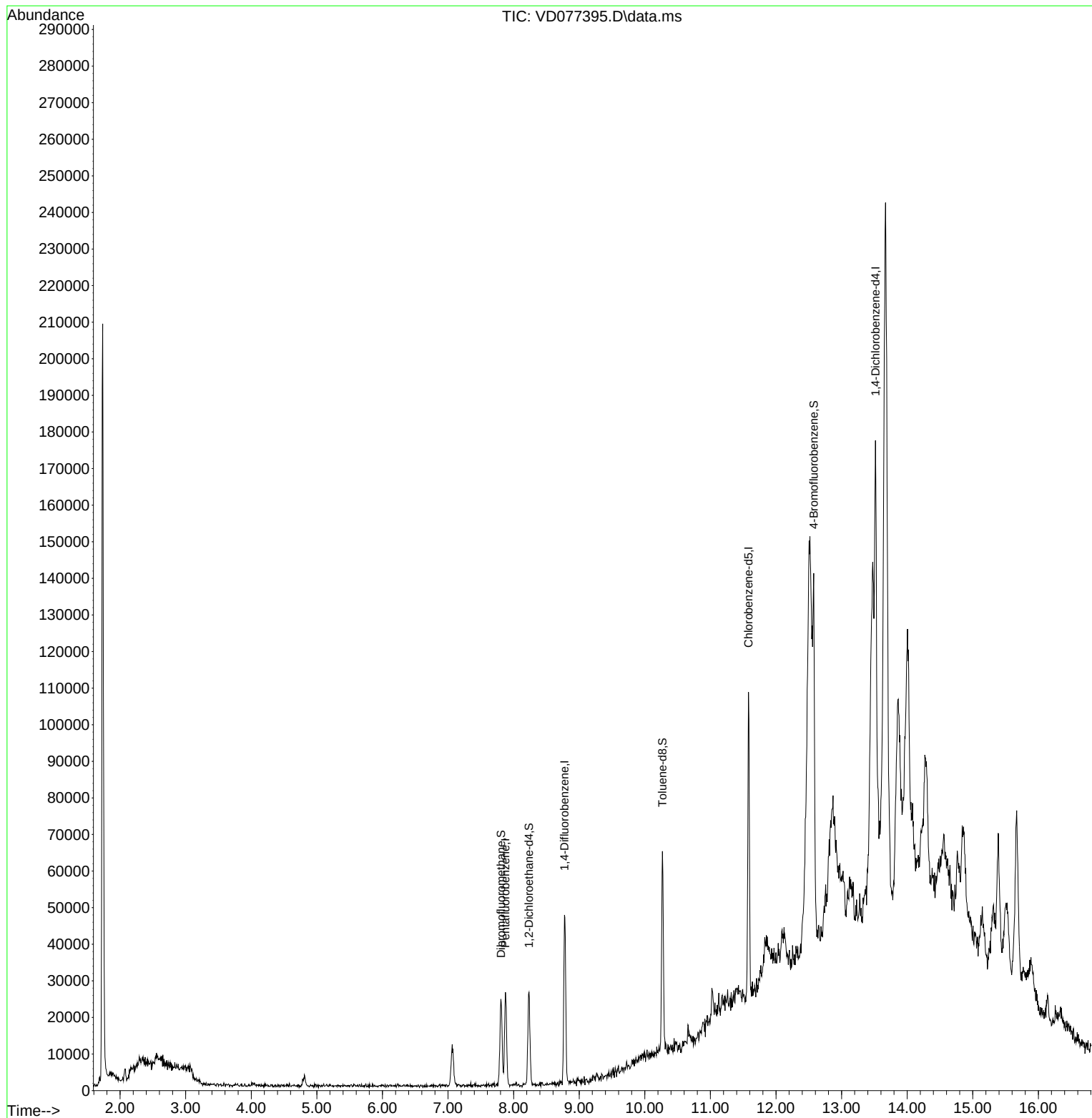
Target Compounds	Qvalue

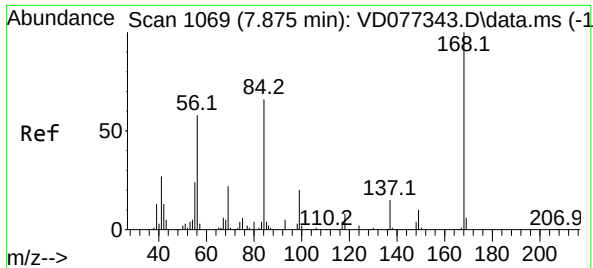
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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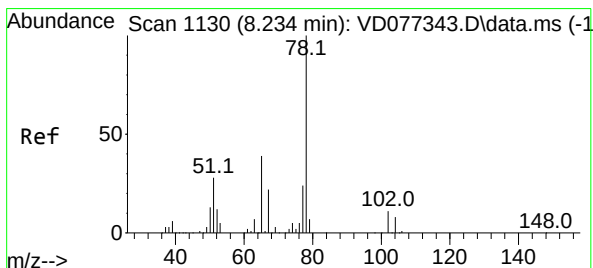
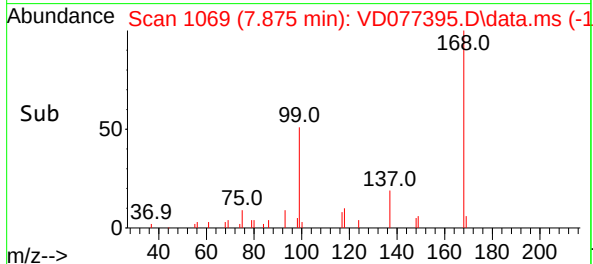
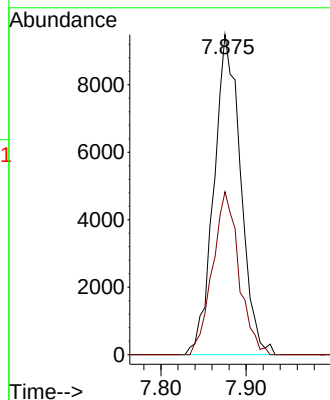
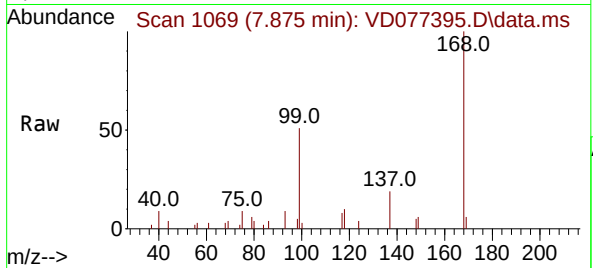




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077395.D
Acq: 24 Oct 2023 15:27

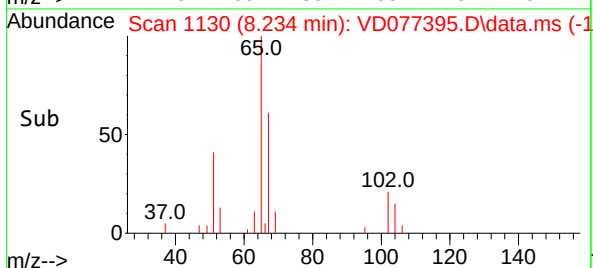
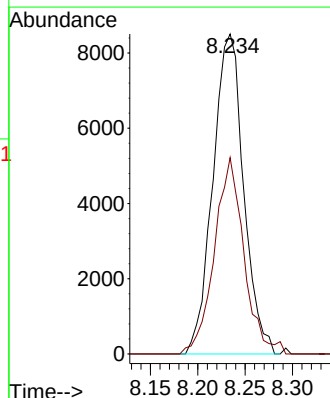
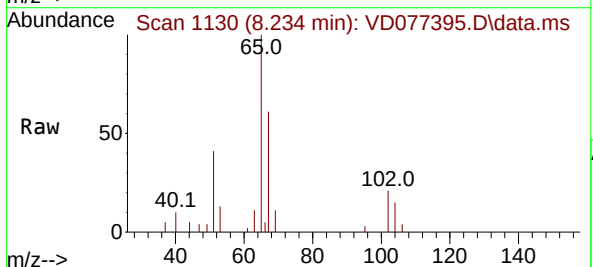
Instrument :
MSVOA_D
ClientSampleId :
EO-01-10232023-A

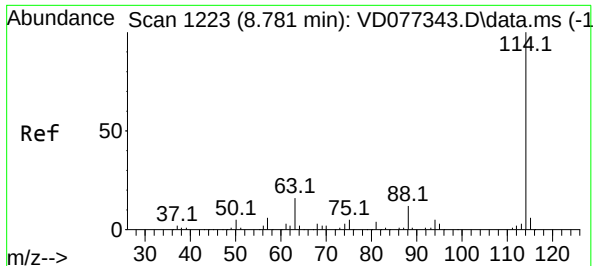
Tgt Ion:168 Resp: 20661
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 104.119 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077395.D
Acq: 24 Oct 2023 15:27

Tgt Ion: 65 Resp: 19209
Ion Ratio Lower Upper
65 100
67 59.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077395.D

Acq: 24 Oct 2023 15:27

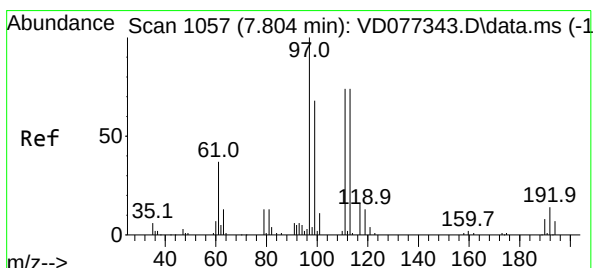
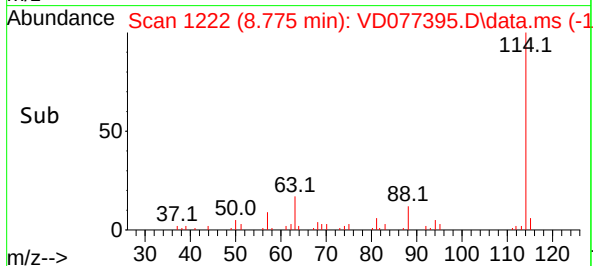
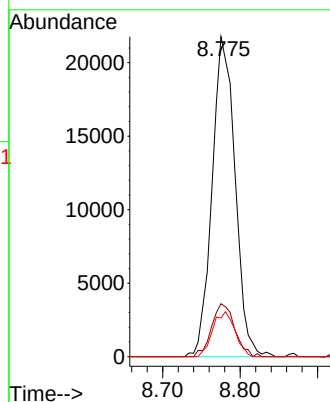
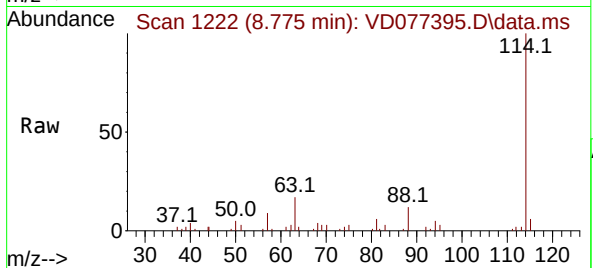
Instrument :

MSVOA_D

ClientSampleId :

EO-01-10232023-A

Tgt Ion:114	Resp:	44906
Ion Ratio	Lower	Upper
114	100	
63	16.5	0.0 33.4
88	12.1	0.0 26.2



#35

Dibromofluoromethane

Concen: 55.987 ug/l

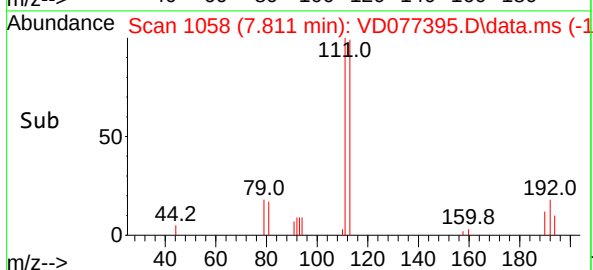
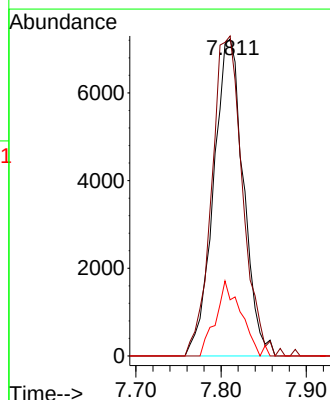
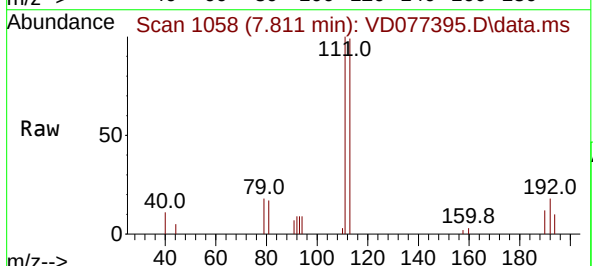
RT: 7.811 min Scan# 1058

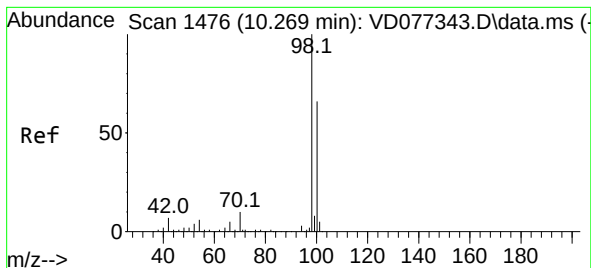
Delta R.T. 0.006 min

Lab File: VD077395.D

Acq: 24 Oct 2023 15:27

Tgt Ion:113	Resp:	17663
Ion Ratio	Lower	Upper
113	100	
111	104.0	84.7 127.1
192	20.2	16.8 25.2





#50

Toluene-d8

Concen: 35.040 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077395.D

Acq: 24 Oct 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

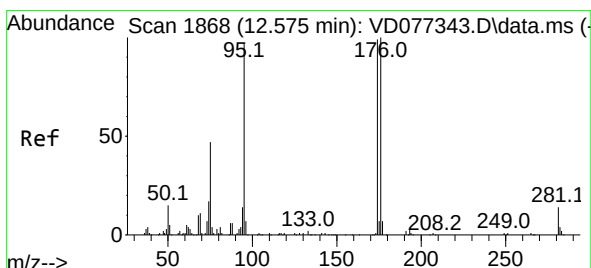
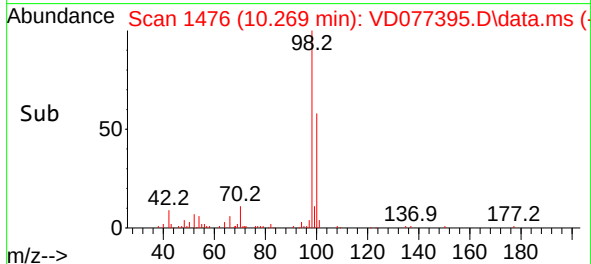
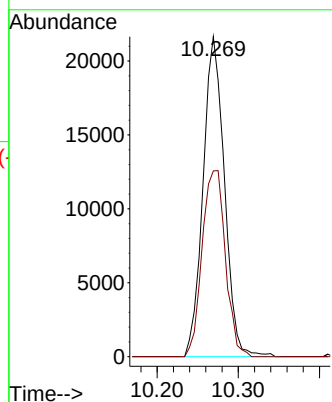
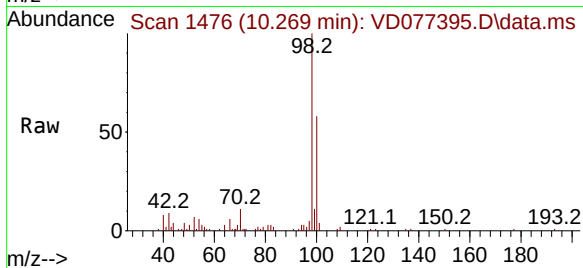
EO-01-10232023-A

Tgt Ion: 98 Resp: 39590

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 66.235 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077395.D

Acq: 24 Oct 2023 15:27

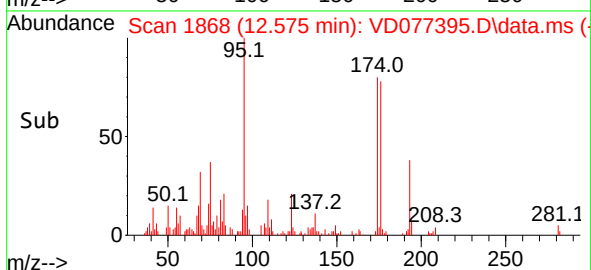
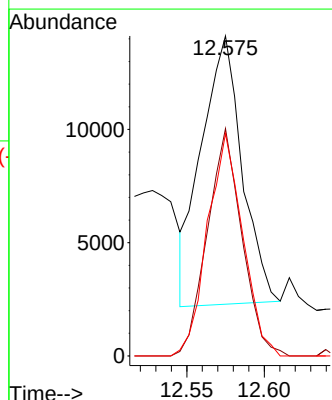
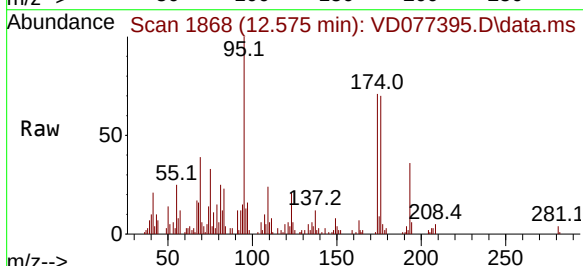
Tgt Ion: 95 Resp: 21542

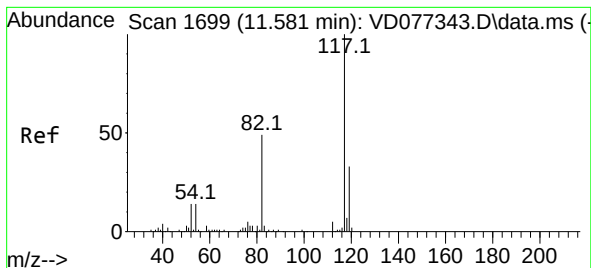
Ion Ratio Lower Upper

95 100

174 72.1 0.0 201.8

176 71.9 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: VD077395.D

Acq: 24 Oct 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

EO-01-10232023-A

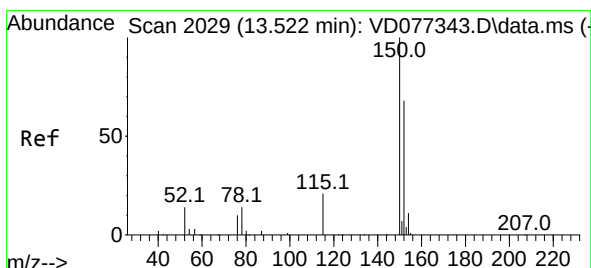
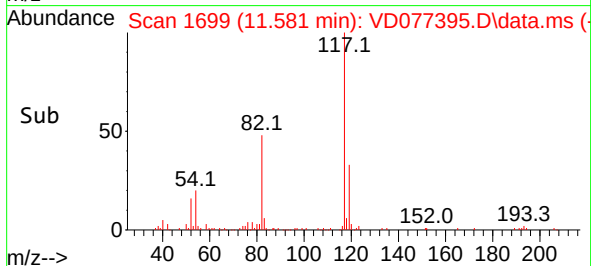
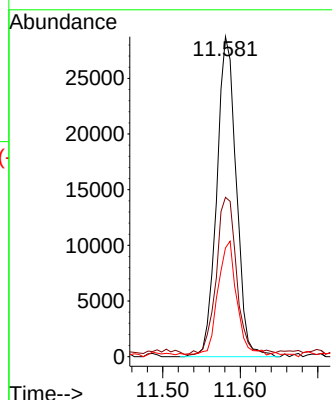
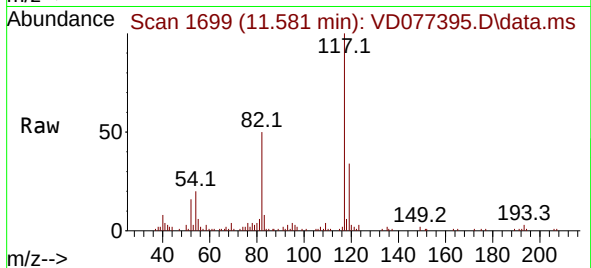
Tgt Ion:117 Resp: 50327

Ion Ratio Lower Upper

117 100

82 48.4 38.3 57.5

119 33.3 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: VD077395.D

Acq: 24 Oct 2023 15:27

Tgt Ion:152 Resp: 22273

Ion Ratio Lower Upper

152 100

115 53.1 27.1 81.3

150 152.4 0.0 353.6

