

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077350.D
 Acq On : 19 Oct 2023 12:33
 Operator : JC/SY
 Sample : VD1019SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBL01

Quant Time: Oct 20 02:05:32 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	7.881	168	162050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79496	54.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.880%
35) Dibromofluoromethane	7.810	113	94336	44.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.740%
50) Toluene-d8	10.269	98	320799	42.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.260%
62) 4-Bromofluorobenzene	12.575	95	83465	38.082	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.160%

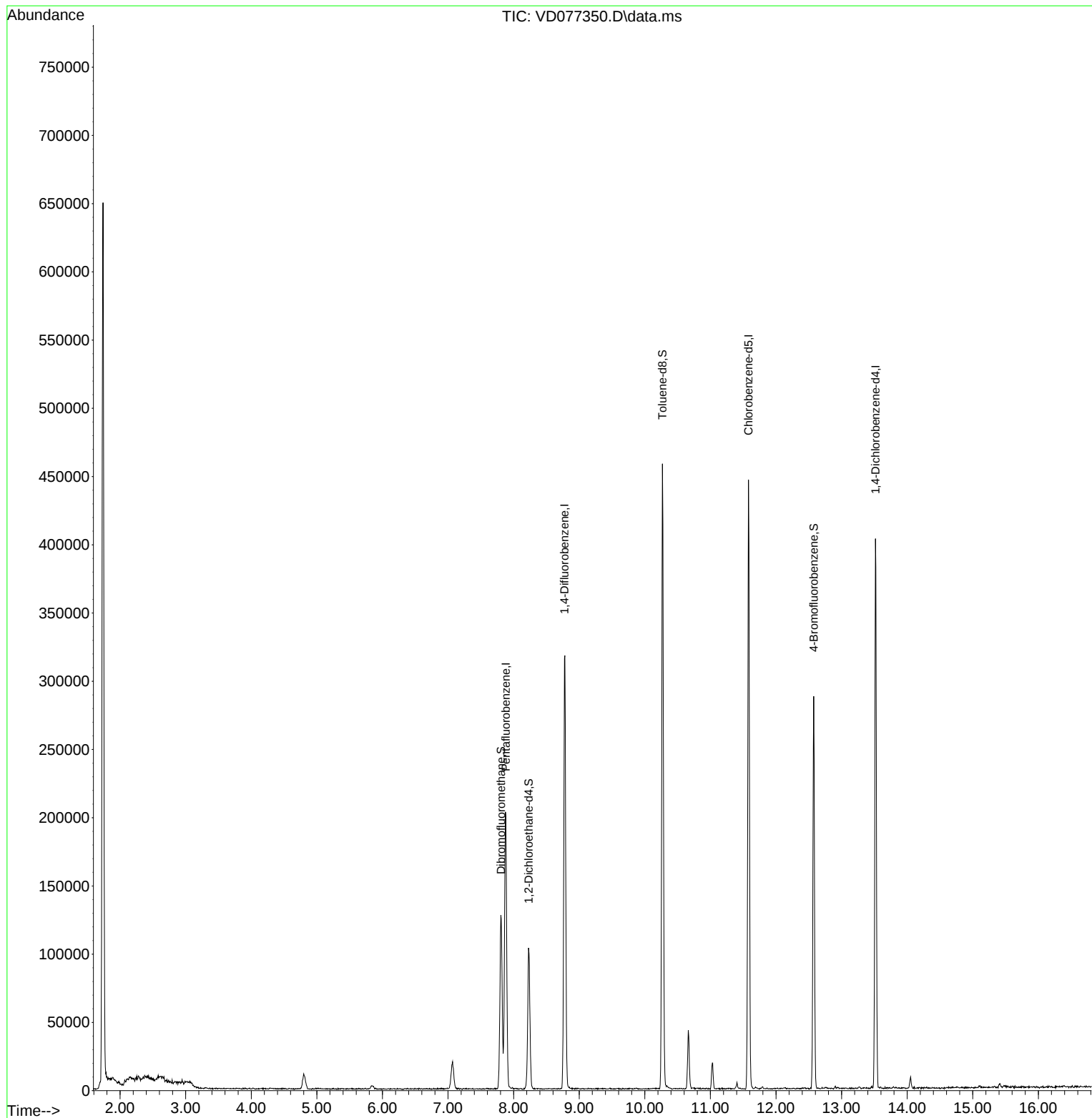
Target Compounds	Qvalue

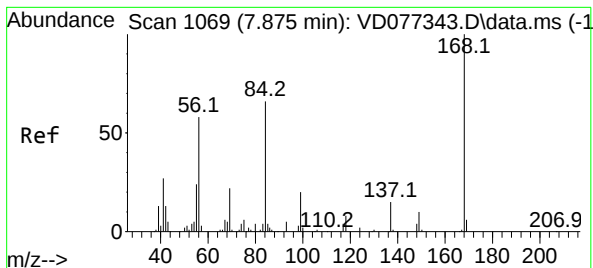
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD077350.D

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Instrument :

MSVOA_D

ClientSampleId :

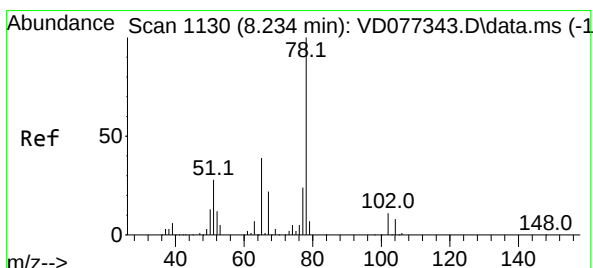
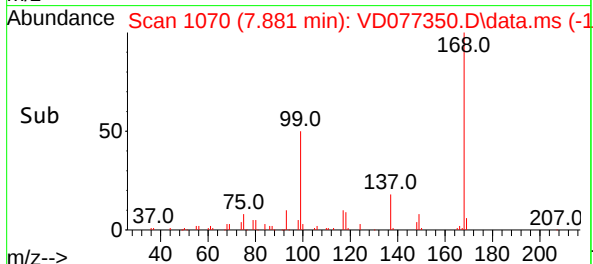
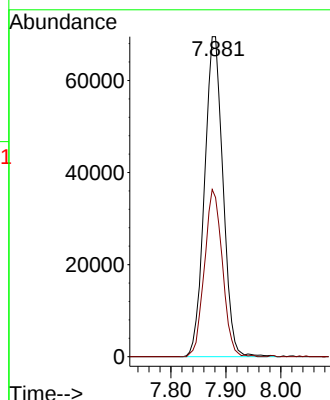
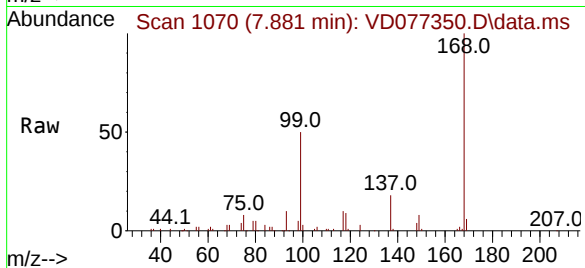
VD1019SBL01

Tgt Ion:168 Resp: 162050

Ion Ratio Lower Upper

168 100

99 49.7 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 54.938 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077350.D

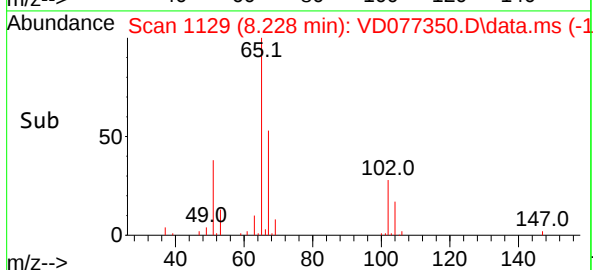
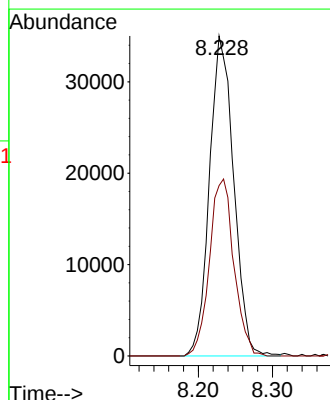
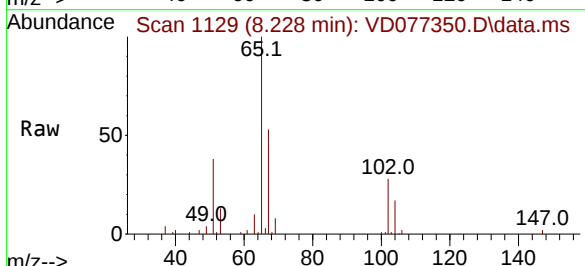
Acq: 19 Oct 2023 12:33

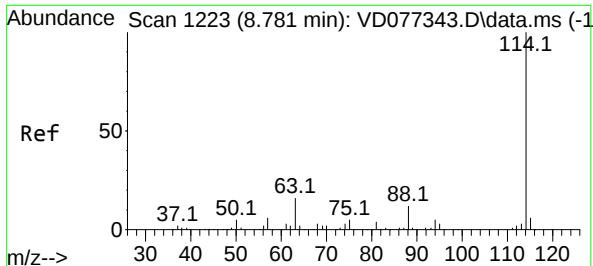
Tgt Ion: 65 Resp: 79496

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0

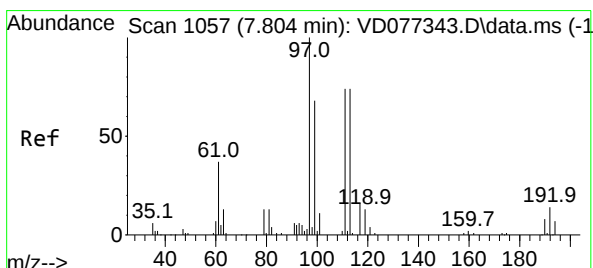
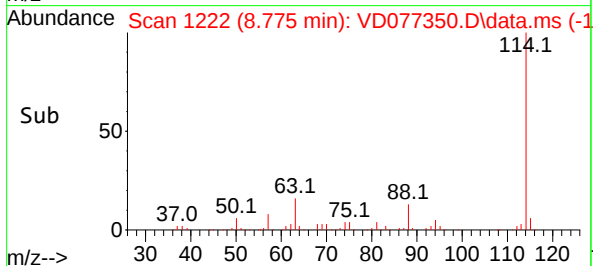
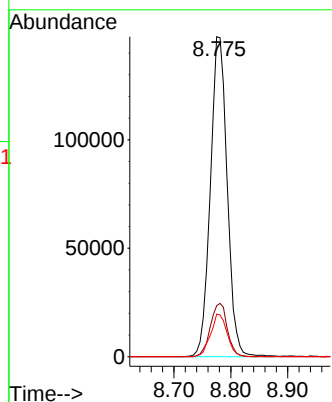
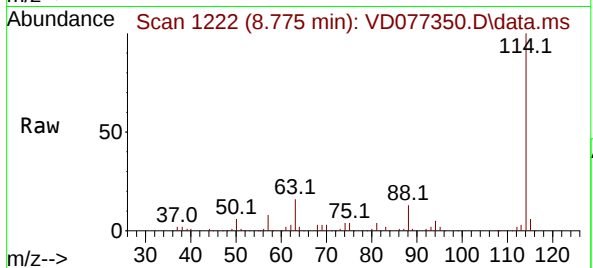




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

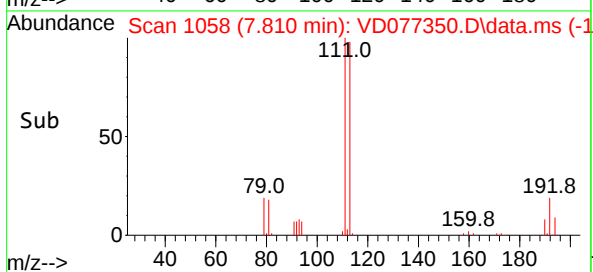
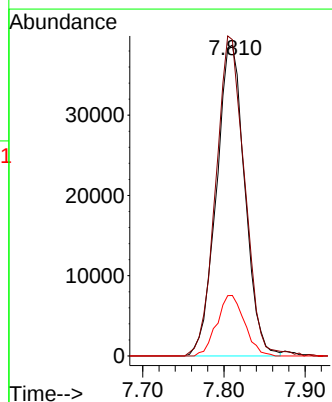
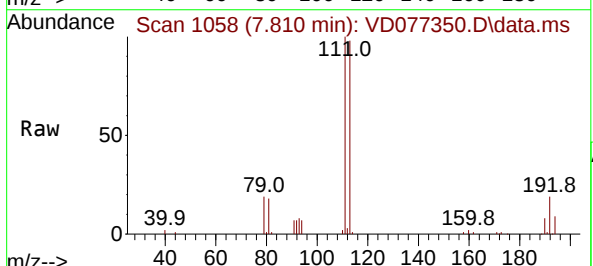
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VD1019SBL01

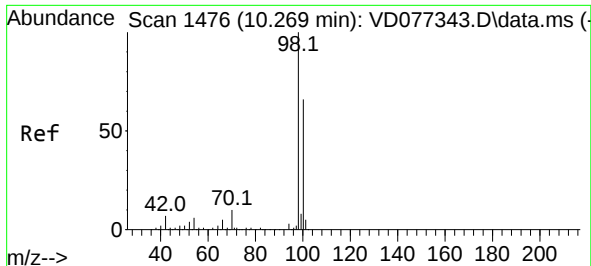
Tgt Ion:114 Resp: 302611
Ion Ratio Lower Upper
114 100
63 16.0 0.0 33.4
88 13.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 44.373 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

Tgt Ion:113 Resp: 94336
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 18.9 16.8 25.2

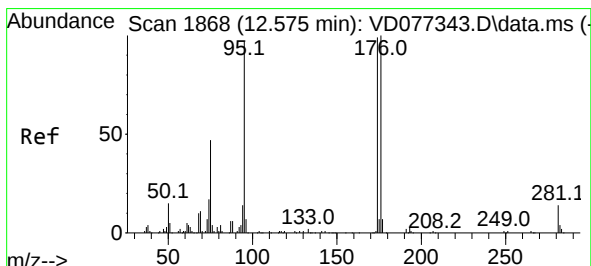
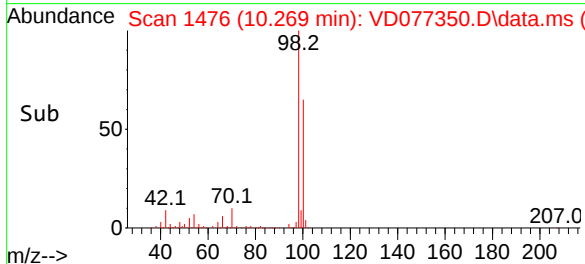
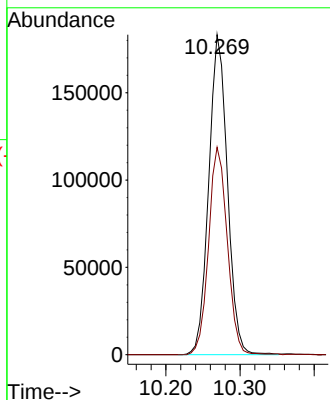
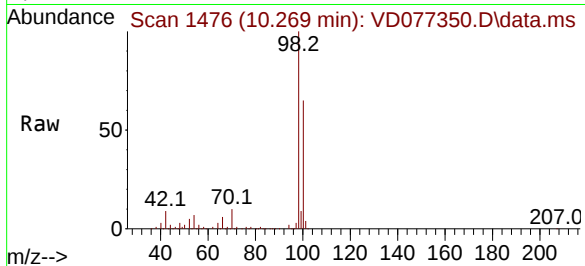




#50
Toluene-d8
Concen: 42.134 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

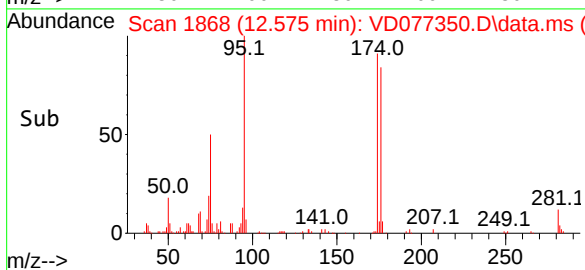
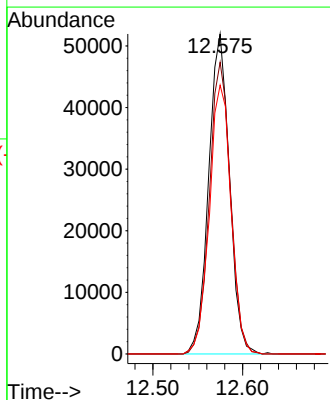
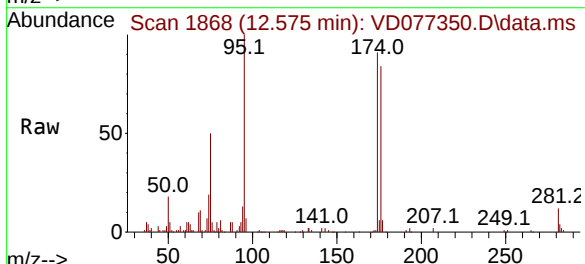
Instrument :
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VD1019SBL01

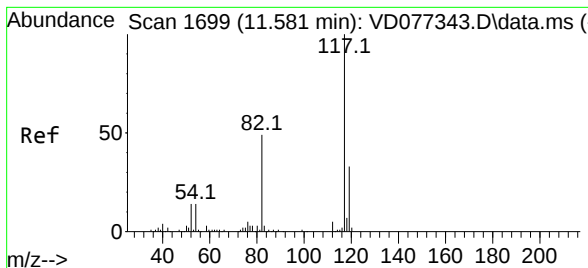
Tgt Ion: 98 Resp: 320799
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 38.082 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077350.D
Acq: 19 Oct 2023 12:33

Tgt Ion: 95 Resp: 83465
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 87.9 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: VD077350.D

Acq: 19 Oct 2023 12:33

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBL01

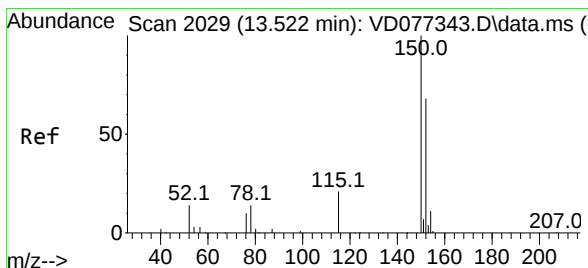
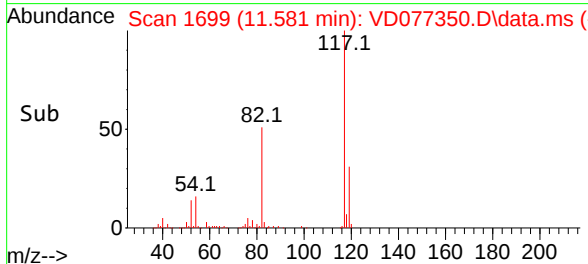
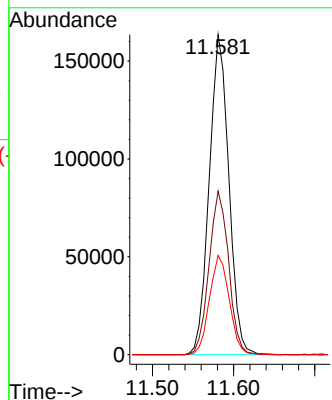
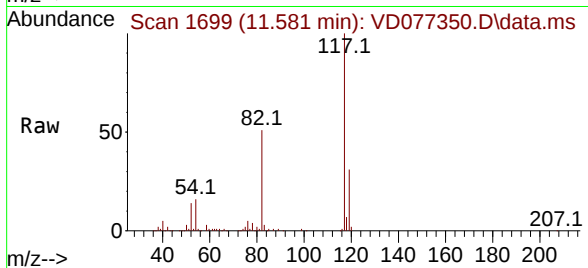
Tgt Ion:117 Resp: 274235

Ion Ratio Lower Upper

117 100

82 51.1 38.3 57.5

119 31.0 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: VD077350.D

Acq: 19 Oct 2023 12:33

Tgt Ion:152 Resp: 111522

Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 158.1 0.0 353.6

