

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077407.D
 Acq On : 25 Oct 2023 11:41
 Operator : JC/SY
 Sample : VD1025SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1025SBL01

Quant Time: Oct 26 06:57:06 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	179340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334270	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	126008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	82375	51.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.880%
35) Dibromofluoromethane	7.804	113	87953	37.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.900%
50) Toluene-d8	10.269	98	292973	34.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	69.660%
62) 4-Bromofluorobenzene	12.575	95	79769	32.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.900%

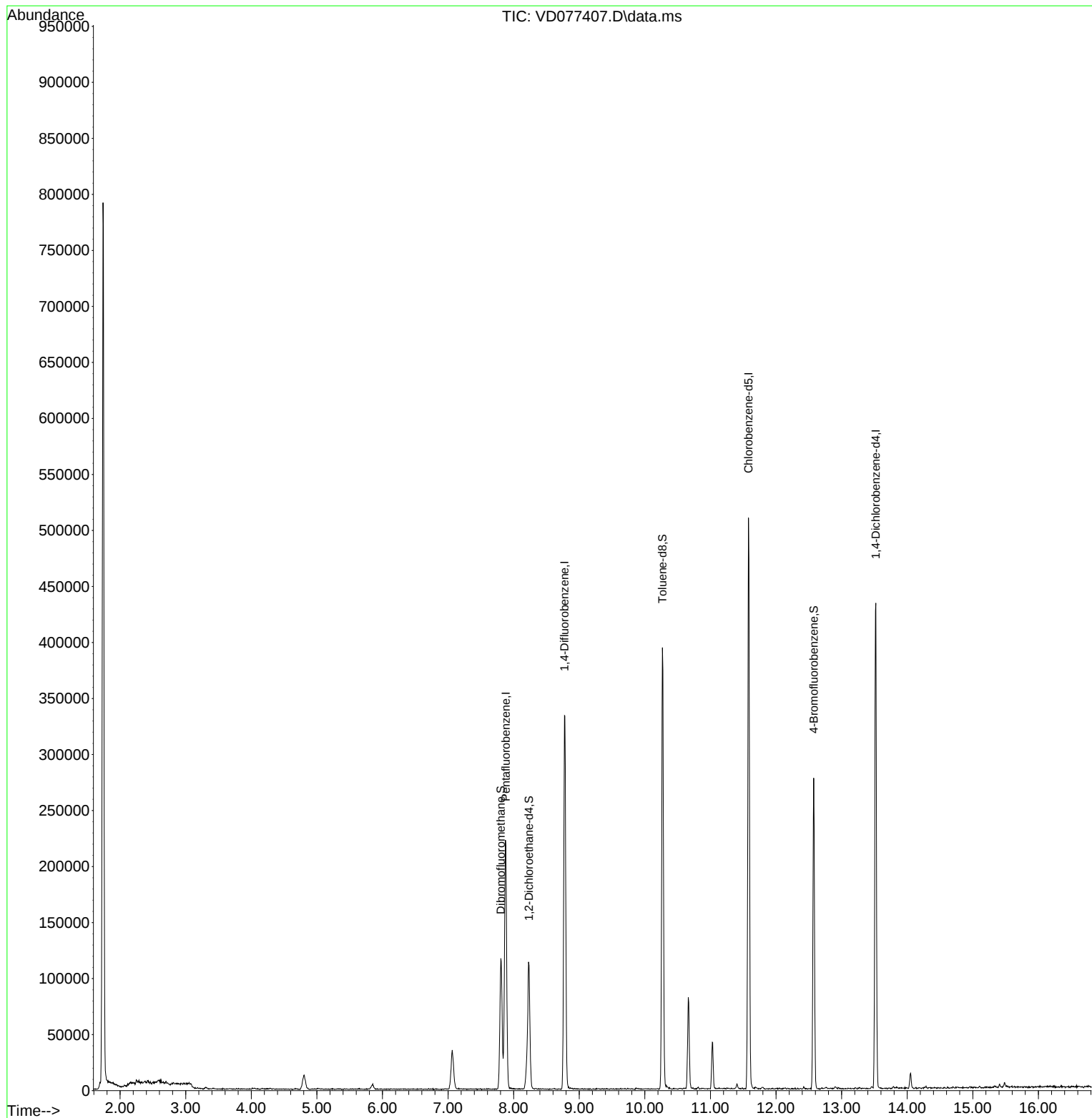
Target Compounds	Qvalue

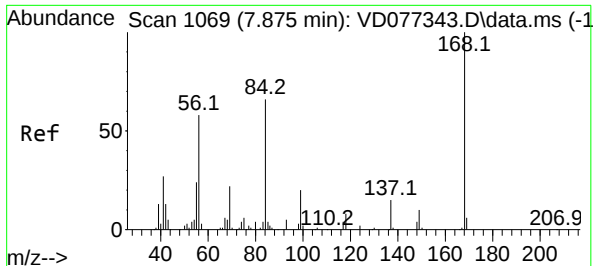
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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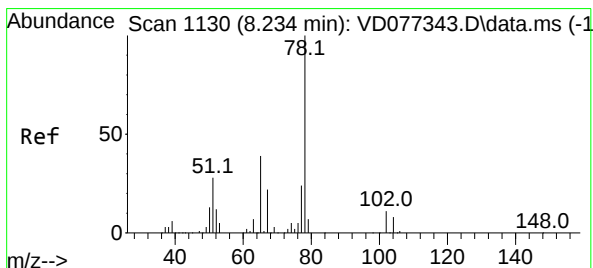
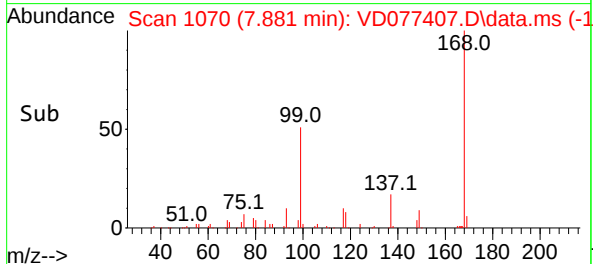
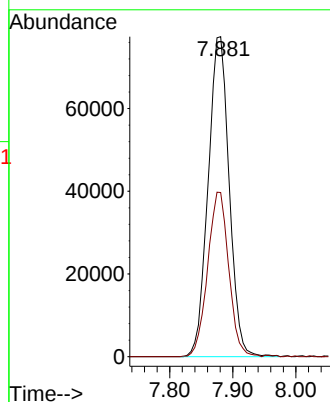
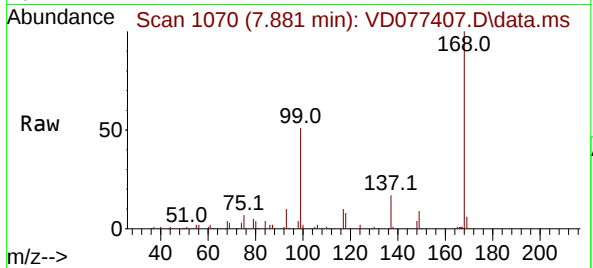




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

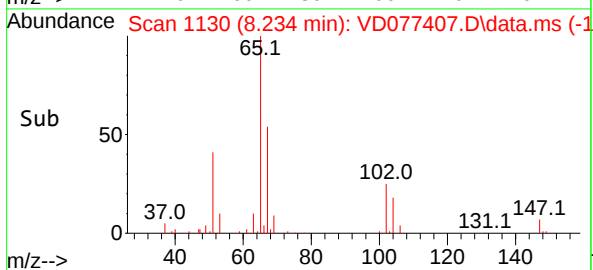
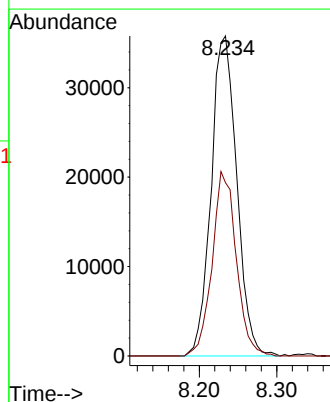
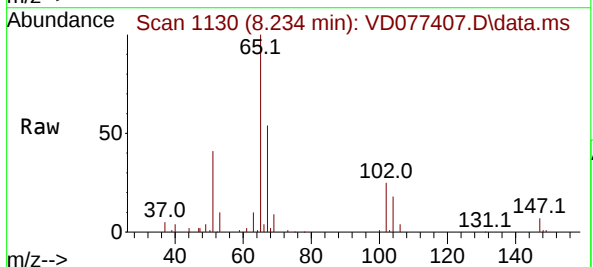
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

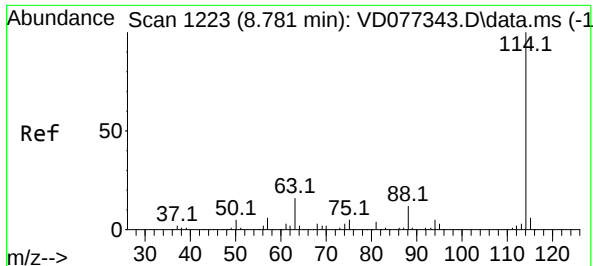
Tgt Ion:168 Resp: 179340
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.439 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 65 Resp: 82375
Ion Ratio Lower Upper
65 100
67 54.2 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: VD077407.D

Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBL01

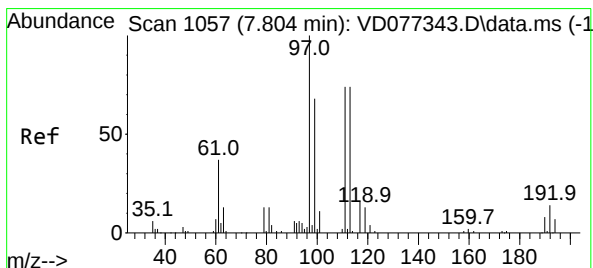
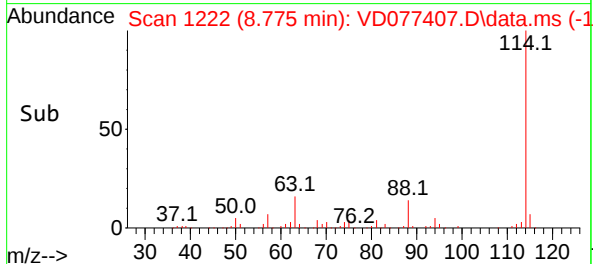
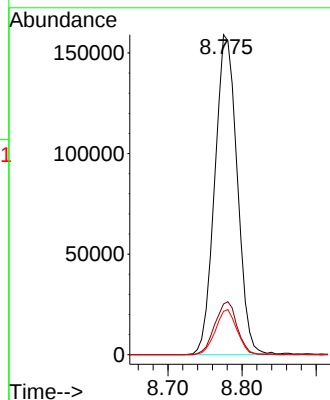
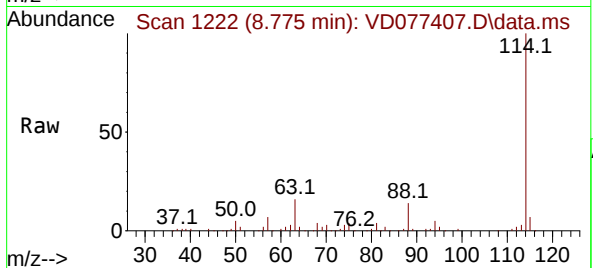
Tgt Ion:114 Resp: 334270

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 37.452 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

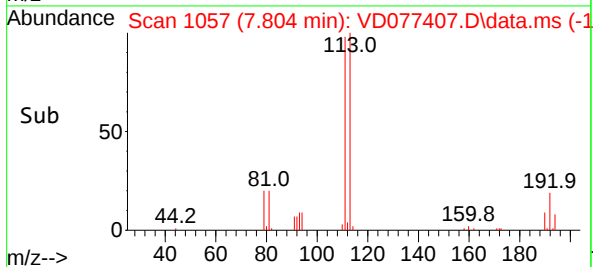
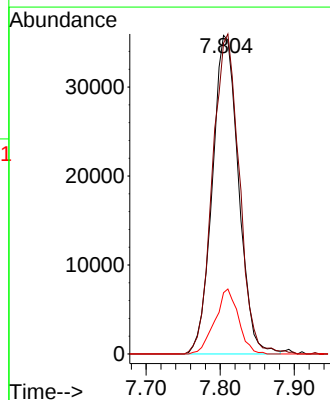
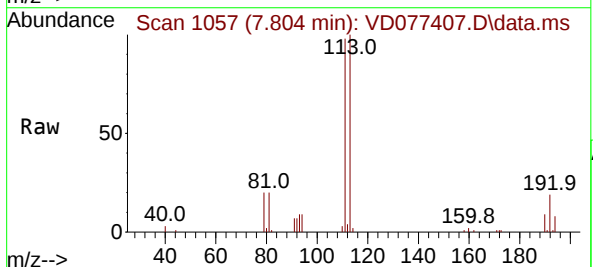
Tgt Ion:113 Resp: 87953

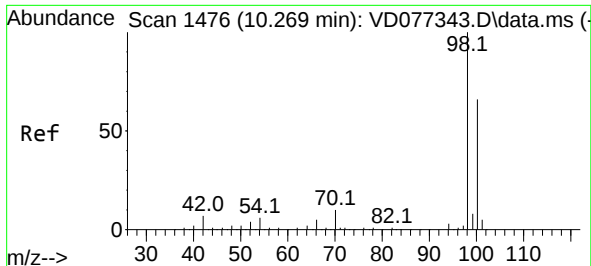
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 18.2 16.8 25.2

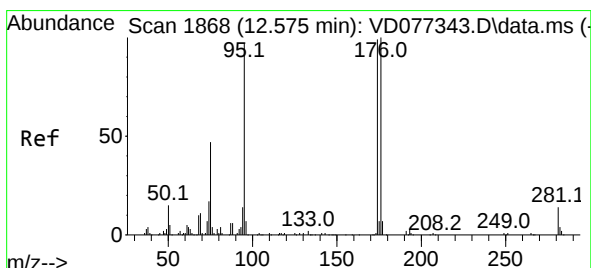
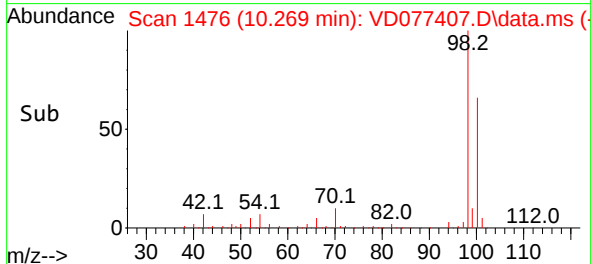
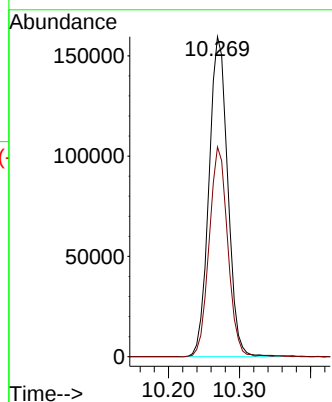
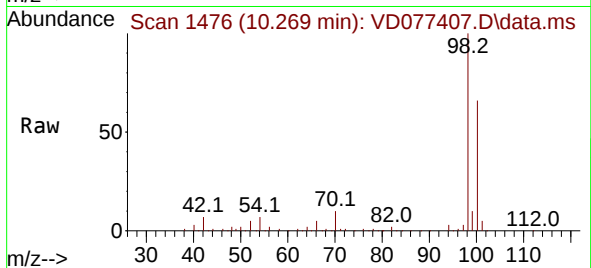




#50
Toluene-d8
Concen: 34.835 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

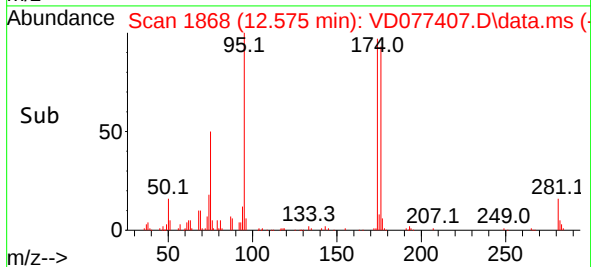
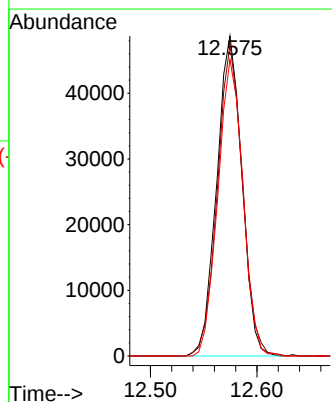
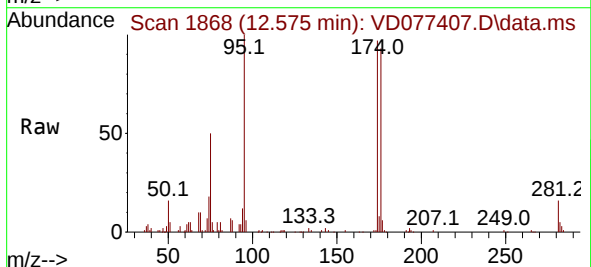
Instrument :
MSVOA_D
ClientSampleId :
VD1025SBL01

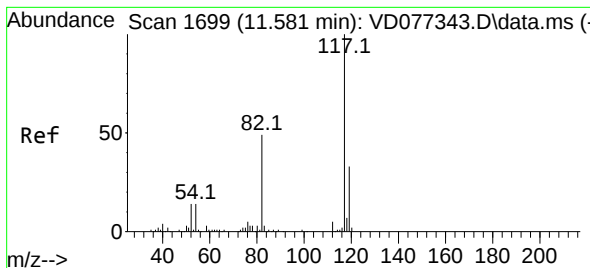
Tgt Ion: 98 Resp: 292973
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.949 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077407.D
Acq: 25 Oct 2023 11:41

Tgt Ion: 95 Resp: 79769
Ion Ratio Lower Upper
95 100
174 96.9 0.0 201.8
176 92.3 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: VD077407.D

Acq: 25 Oct 2023 11:41

Instrument :

MSVOA_D

ClientSampleId :

VD1025SBL01

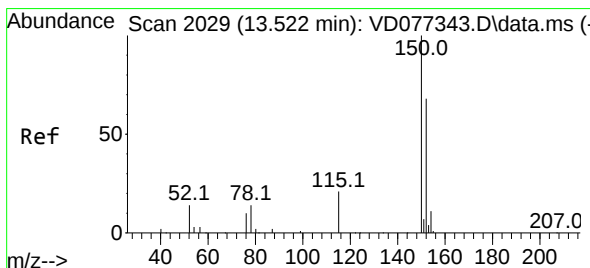
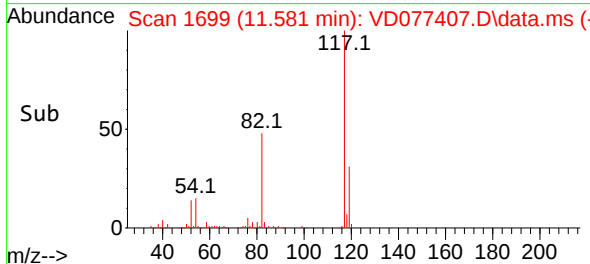
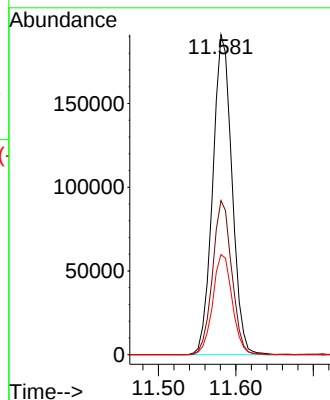
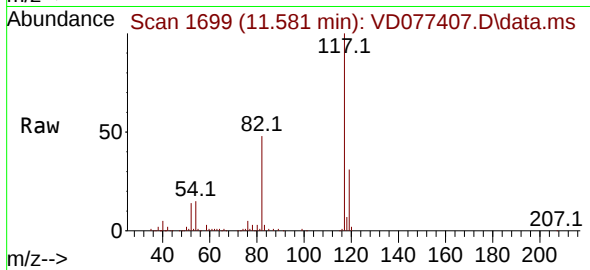
Tgt Ion:117 Resp: 329960

Ion Ratio Lower Upper

117 100

82 48.2 38.3 57.5

119 31.3 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD077407.D

Acq: 25 Oct 2023 11:41

Tgt Ion:152 Resp: 126008

Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 158.5 0.0 353.6

