

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077495.D
 Acq On : 03 Nov 2023 10:21
 Operator : JC/SY
 Sample : VD1103SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1103SBL01

Quant Time: Nov 04 05:12:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	222494	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	406230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	349965	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	171317	54.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.900%
35) Dibromofluoromethane	7.810	113	153272	54.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.180%
50) Toluene-d8	10.269	98	624233	57.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.480%
62) 4-Bromofluorobenzene	12.575	95	183597	49.983	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.960%

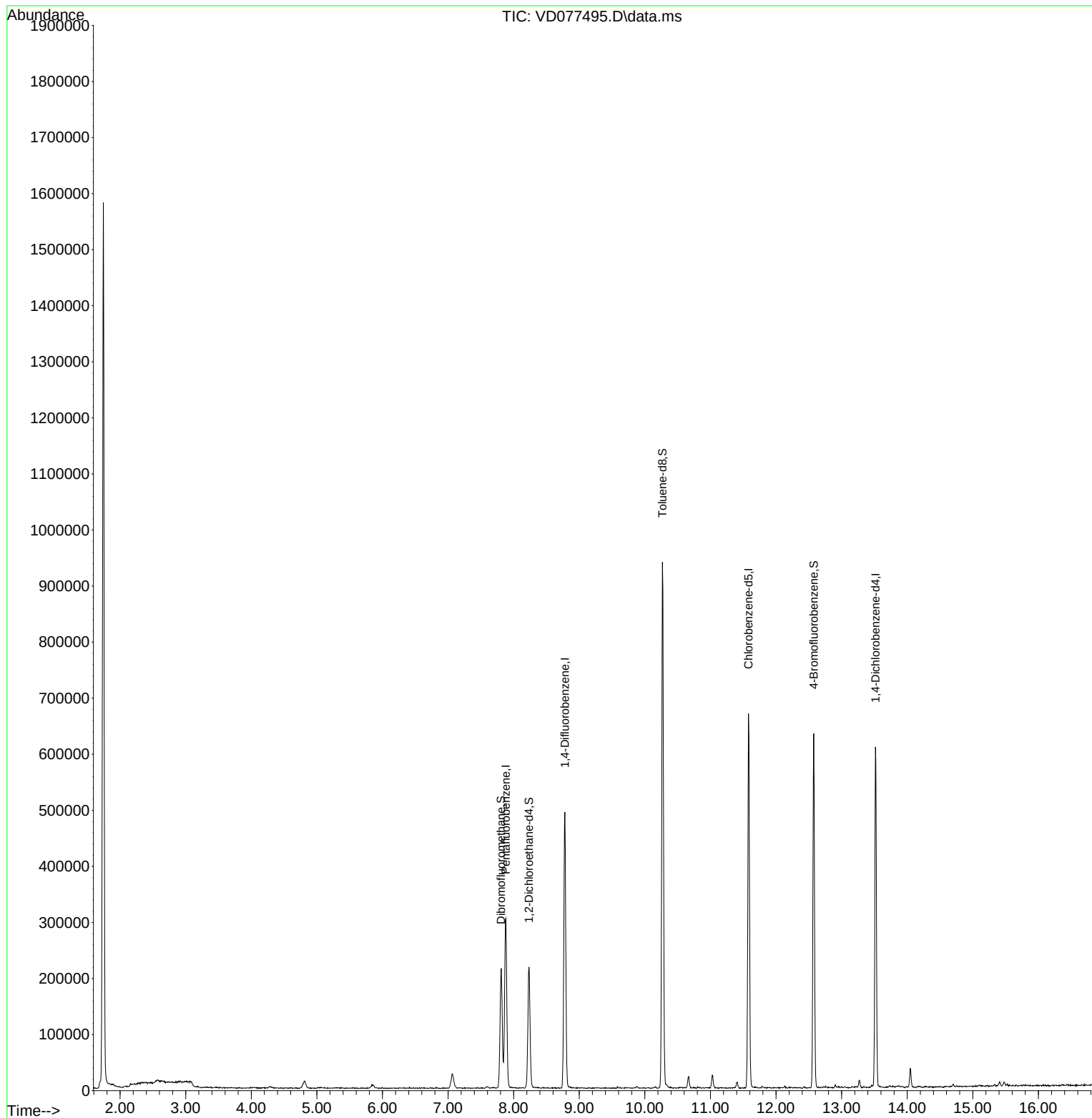
Target Compounds	Qvalue

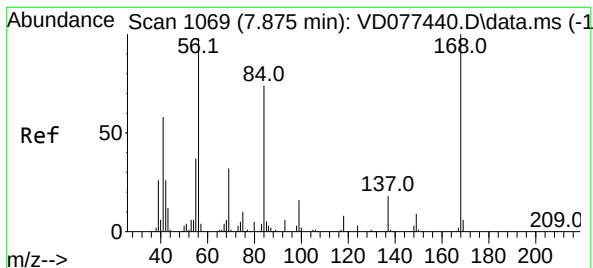
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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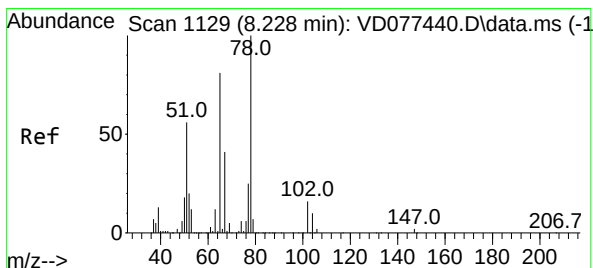
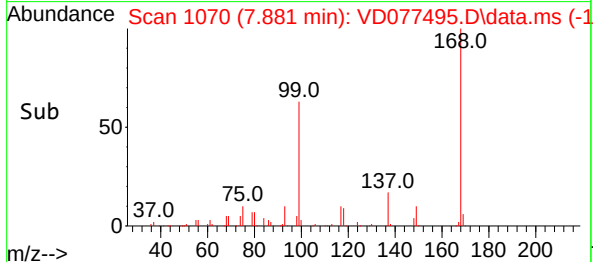
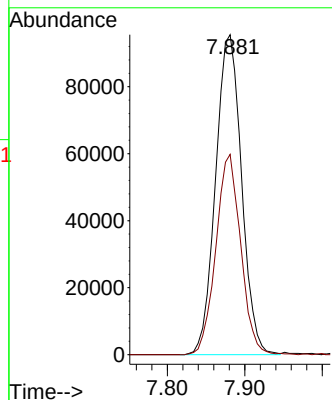
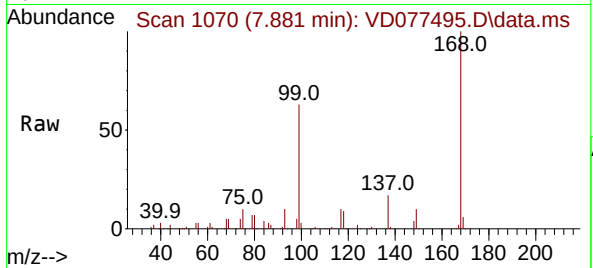




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

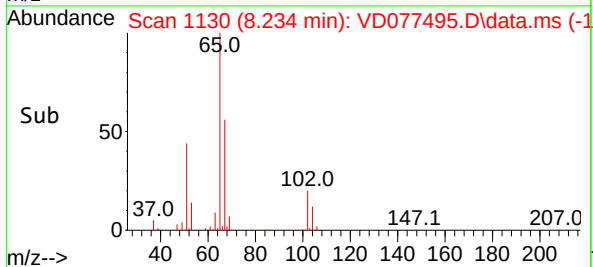
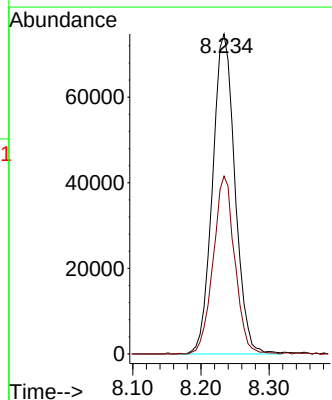
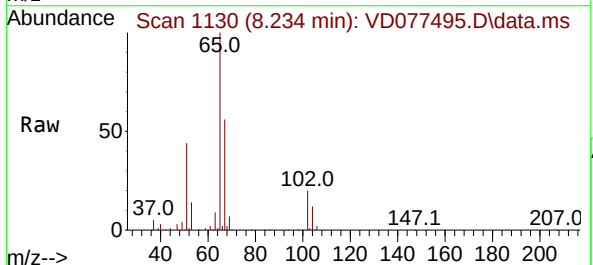
Instrument :
MSVOA_D
ClientSampleId :
VD1103SBL01

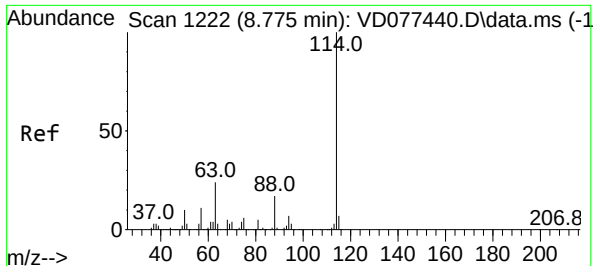
Tgt Ion:168 Resp: 222494
Ion Ratio Lower Upper
168 100
99 62.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 54.452 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Tgt Ion: 65 Resp: 171317
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0

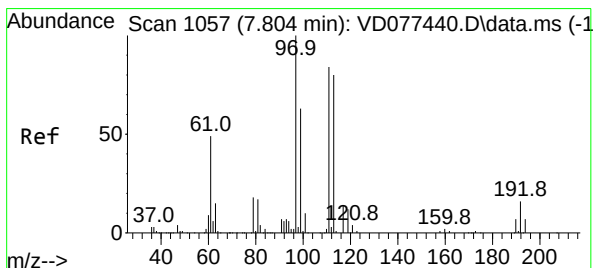
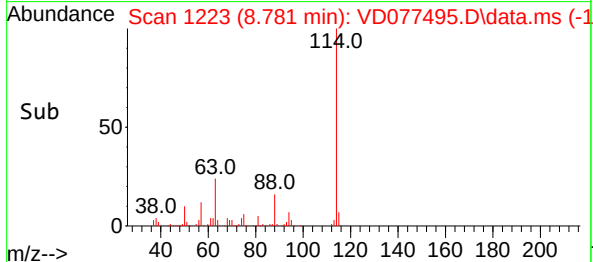
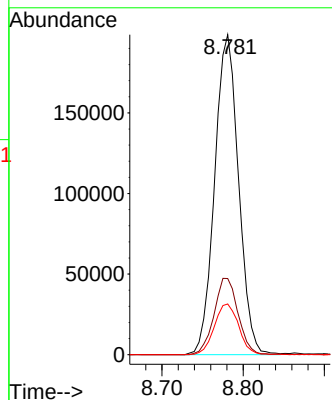
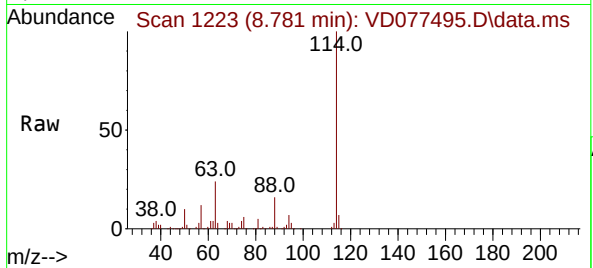




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

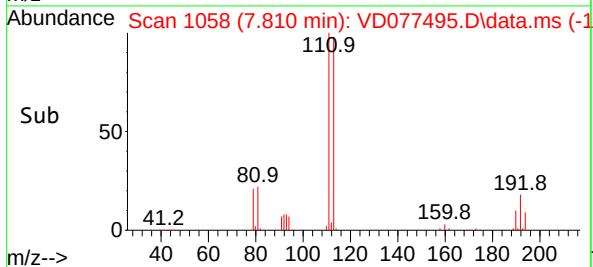
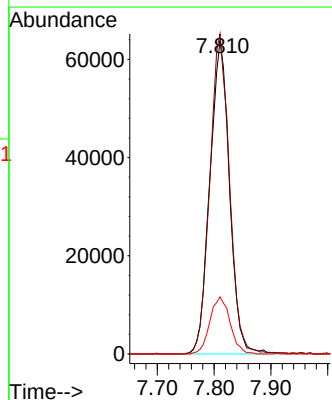
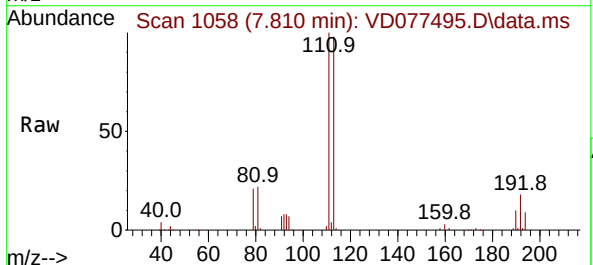
Instrument :
MSVOA_D
ClientSampleId :
VD1103SBL01

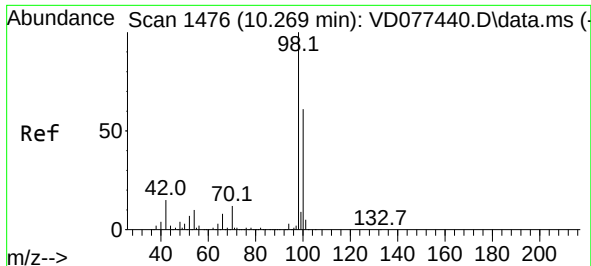
Tgt Ion:114 Resp: 406230
Ion Ratio Lower Upper
114 100
63 23.8 0.0 33.4
88 15.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 54.590 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Tgt Ion:113 Resp: 153272
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 18.7 16.8 25.2

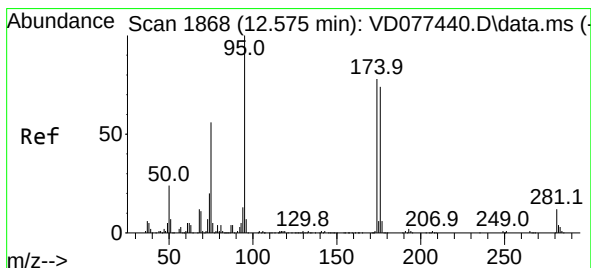
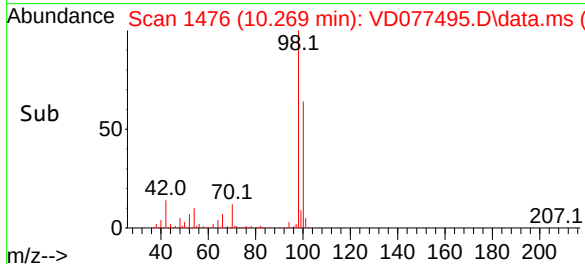
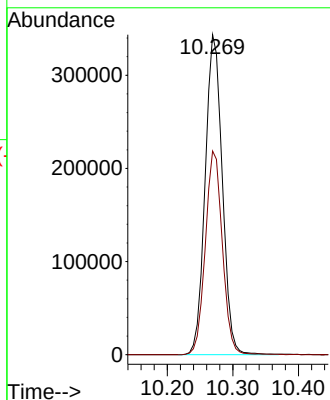
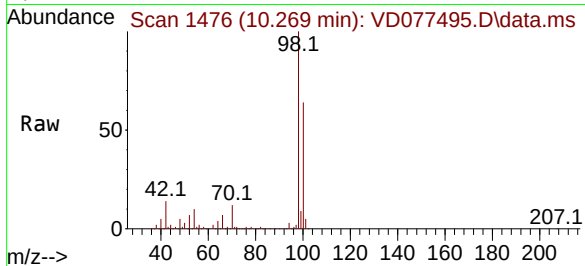




#50
Toluene-d8
Concen: 57.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

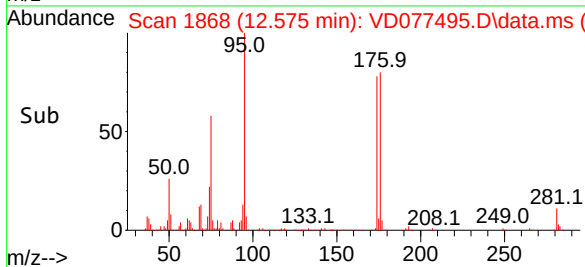
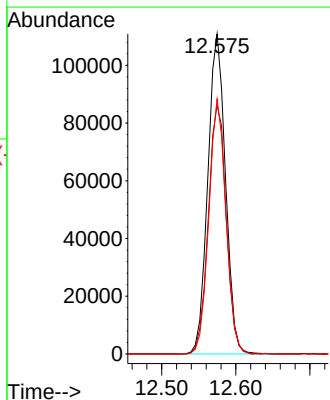
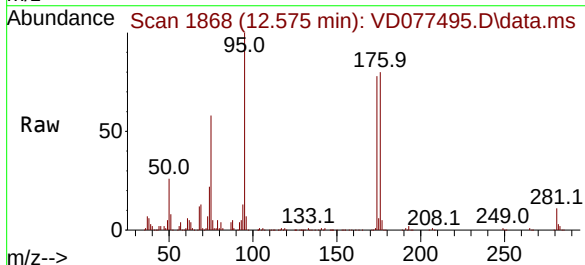
Instrument :
MSVOA_D
ClientSampleId :
VD1103SBL01

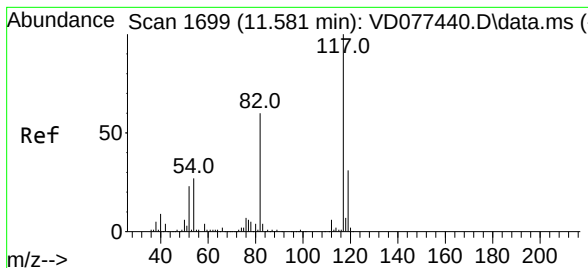
Tgt Ion: 98 Resp: 624233
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.983 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077495.D
Acq: 03 Nov 2023 10:21

Tgt Ion: 95 Resp: 183597
Ion Ratio Lower Upper
95 100
174 78.9 0.0 201.8
176 77.0 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: VD077495.D

Acq: 03 Nov 2023 10:21

Instrument :

MSVOA_D

ClientSampleId :

VD1103SBL01

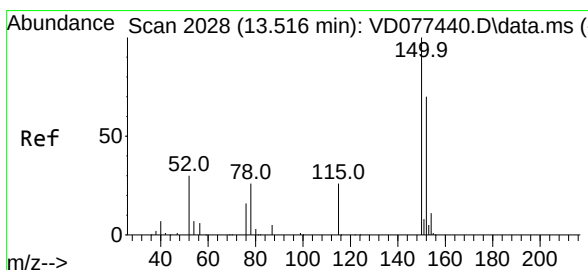
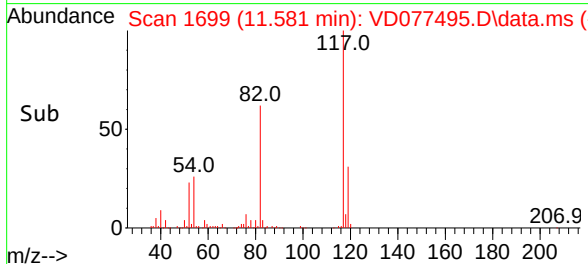
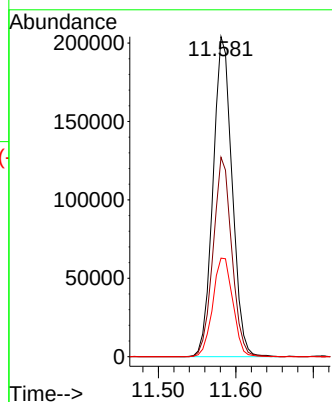
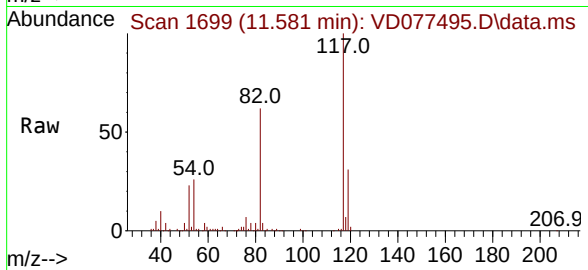
Tgt Ion:117 Resp: 349965

Ion Ratio Lower Upper

117 100

82 62.3 38.3 57.5#

119 30.8 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: VD077495.D

Acq: 03 Nov 2023 10:21

Tgt Ion:152 Resp: 150456

Ion Ratio Lower Upper

152 100

115 59.9 27.1 81.3

150 158.6 0.0 353.6

