

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077281.D
 Acq On : 05 Oct 2023 18:14
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 06 08:15:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 08:09:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	275214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	583483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	737472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	391222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130041	38.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.880%
35) Dibromofluoromethane	7.805	113	177177	36.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.640%
50) Toluene-d8	10.269	98	743212	42.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.760%
62) 4-Bromofluorobenzene	12.575	95	326107	60.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.980%

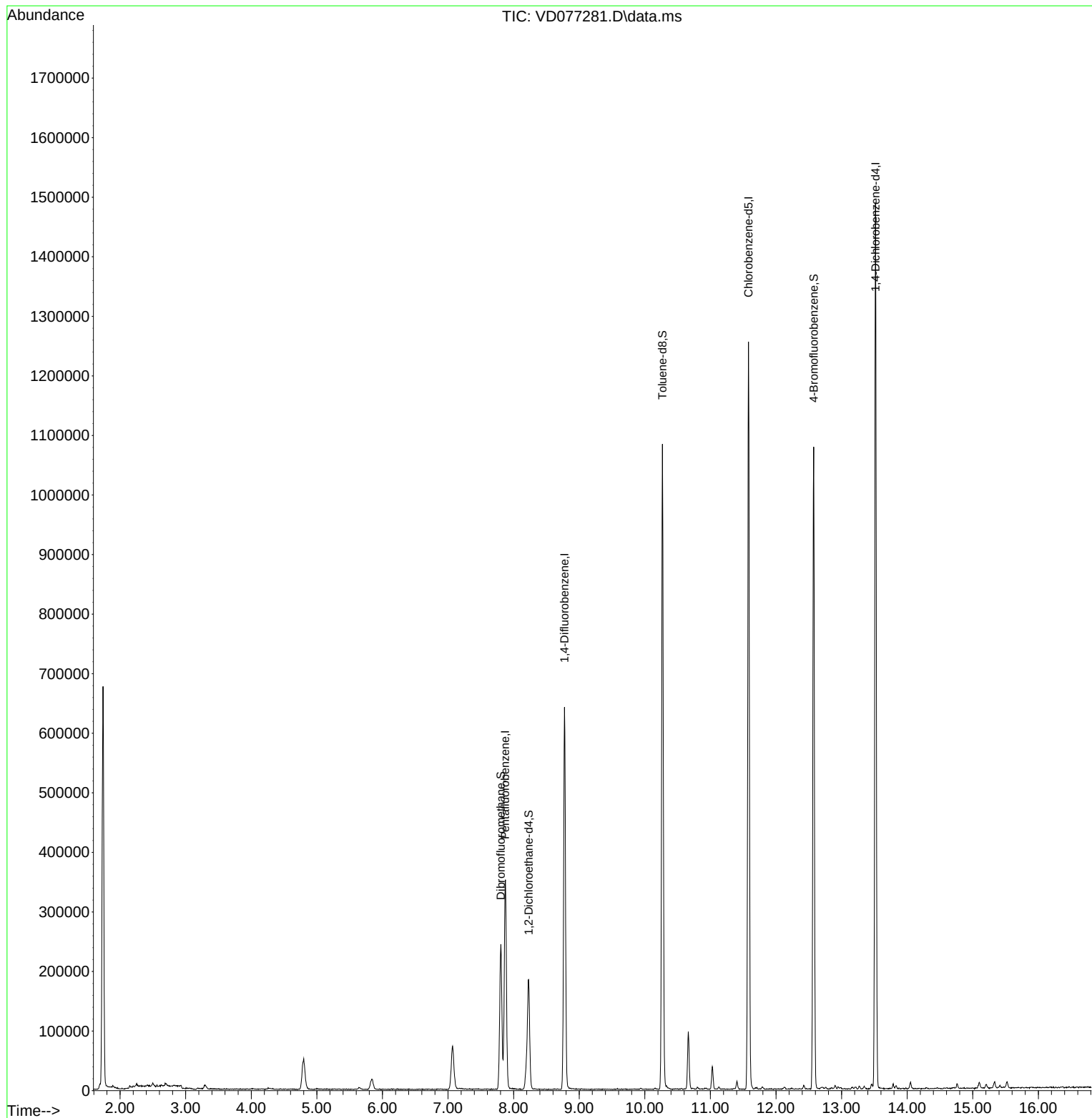
Target Compounds	Qvalue

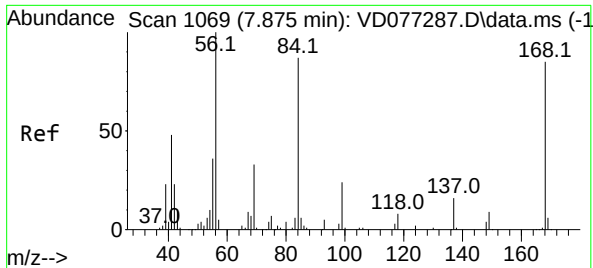
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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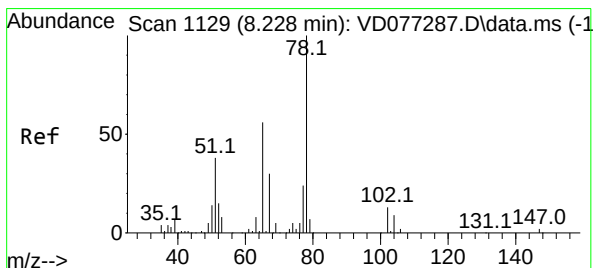
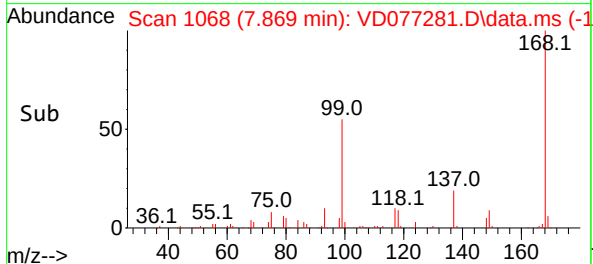
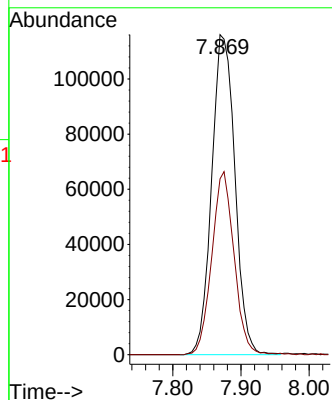
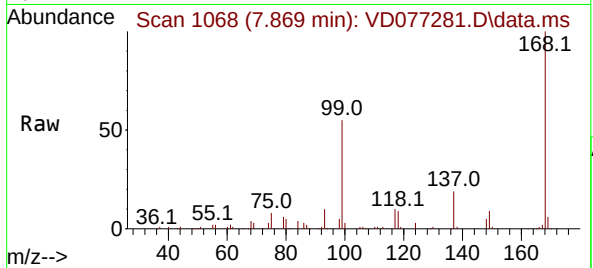




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077281.D
Acq: 05 Oct 2023 18:14

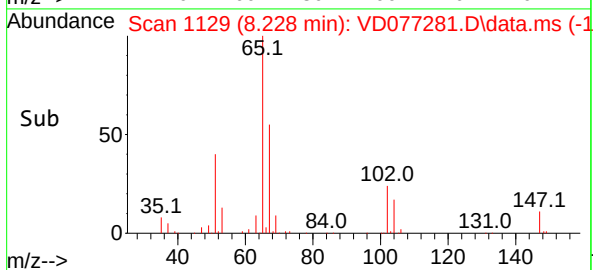
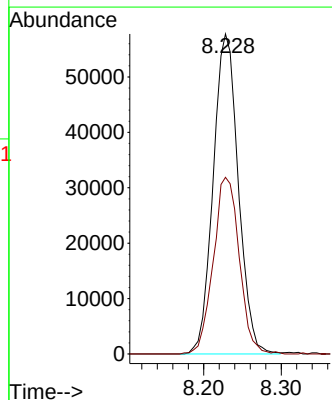
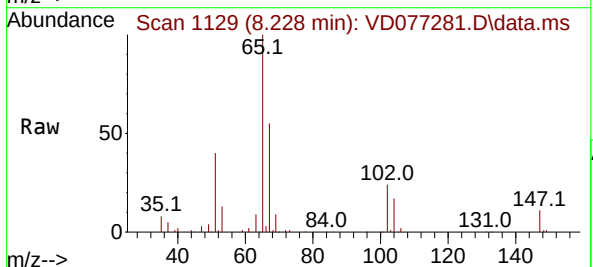
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

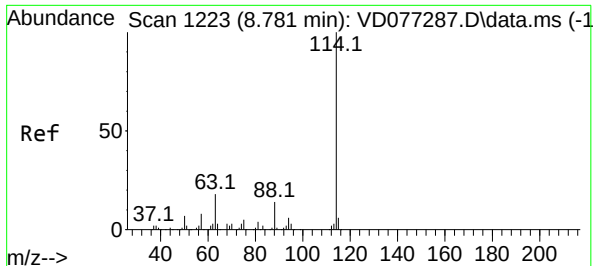
Tgt Ion:168 Resp: 275214
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 38.943 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077281.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 65 Resp: 130041
Ion Ratio Lower Upper
65 100
67 57.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077281.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

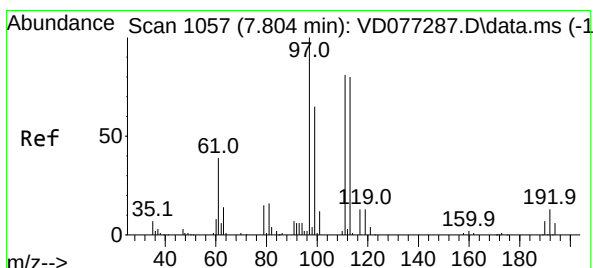
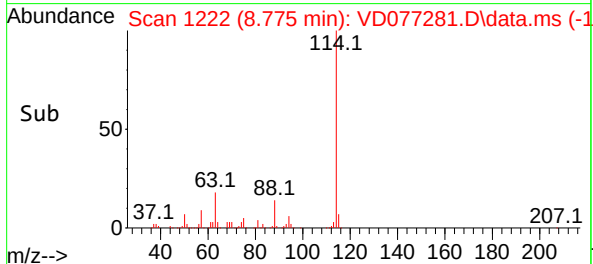
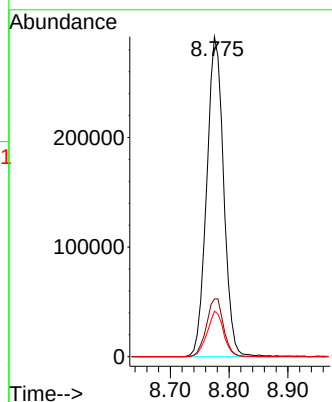
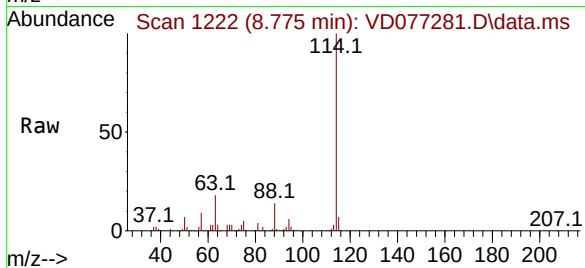
Tgt Ion:114 Resp: 583483

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 36.315 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077281.D

Acq: 05 Oct 2023 18:14

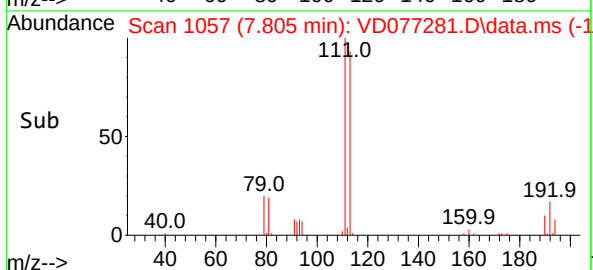
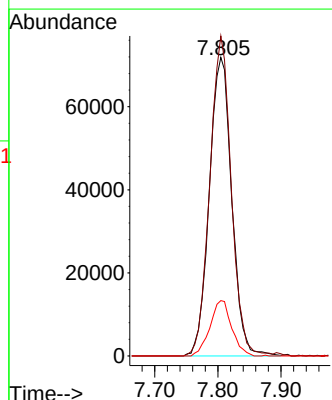
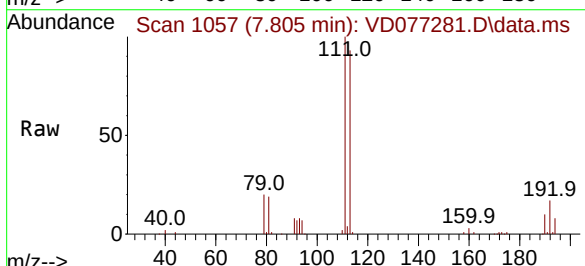
Tgt Ion:113 Resp: 177177

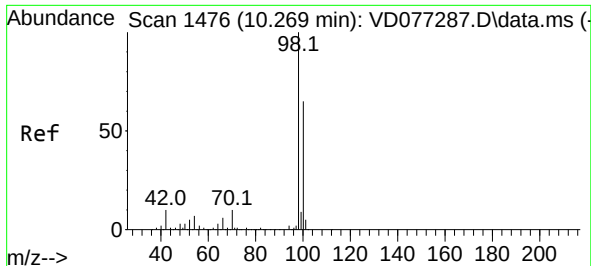
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 18.0 16.8 25.2

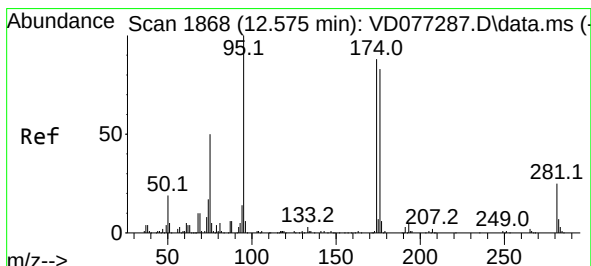
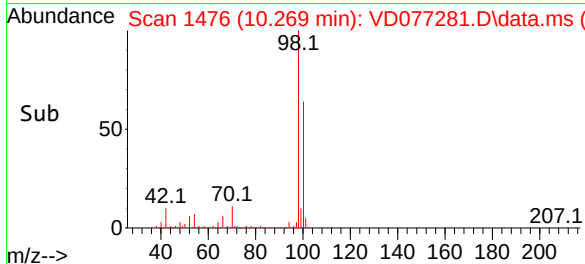
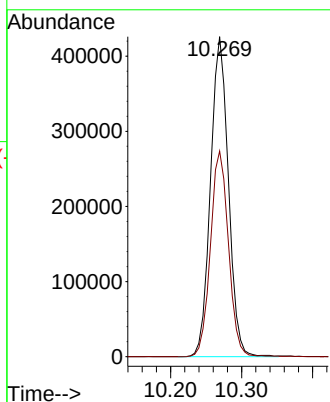
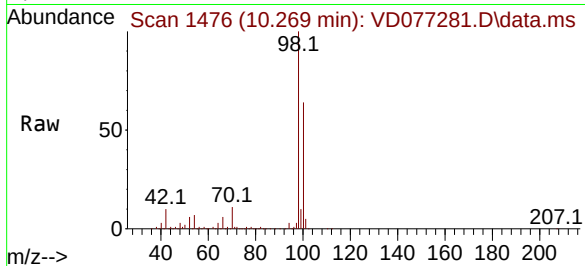




#50
Toluene-d8
Concen: 42.882 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077281.D
Acq: 05 Oct 2023 18:14

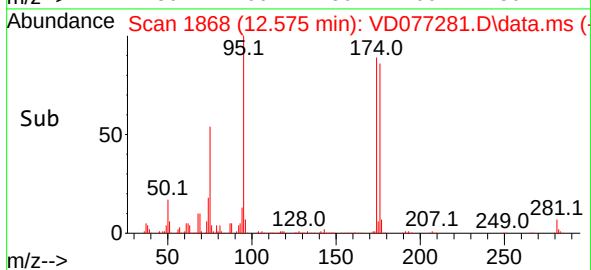
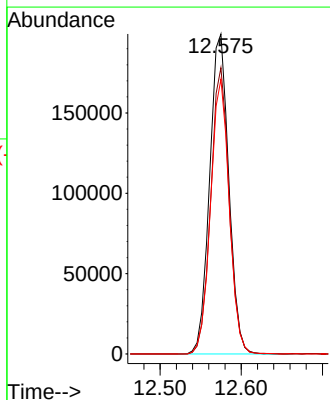
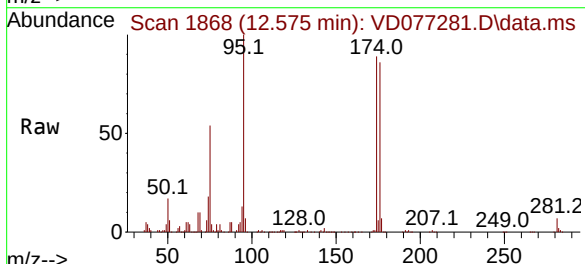
Instrument :
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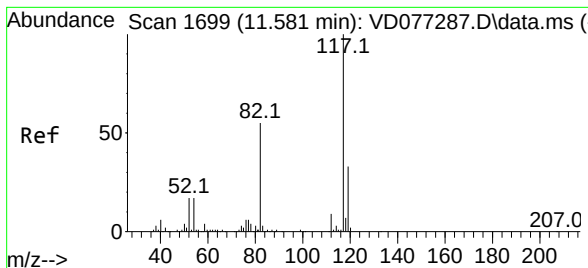
Tgt Ion: 98 Resp: 743212
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 60.489 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077281.D
Acq: 05 Oct 2023 18:14

Tgt Ion: 95 Resp: 326107
Ion Ratio Lower Upper
95 100
174 86.4 0.0 201.8
176 83.6 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: VD077281.D

Acq: 05 Oct 2023 18:14

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

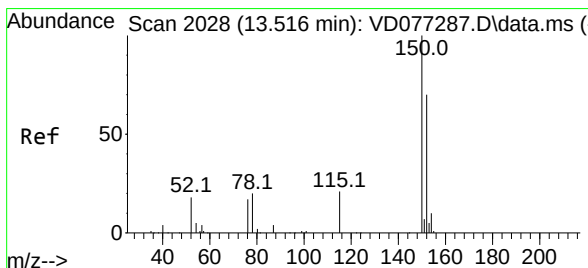
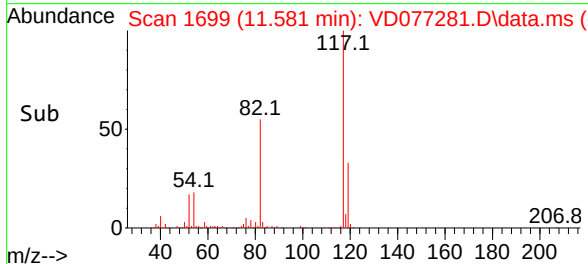
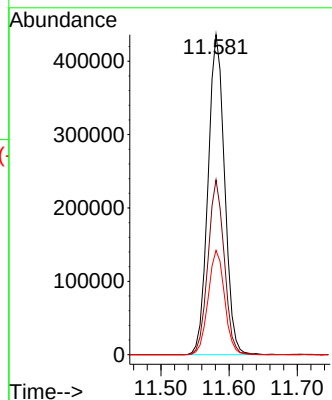
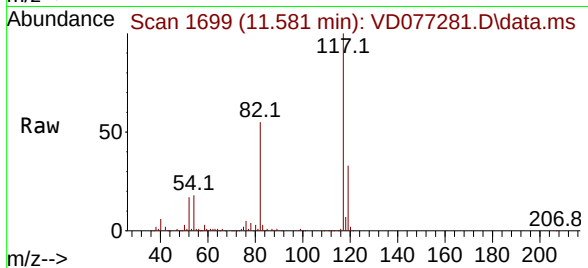
Tgt Ion:117 Resp: 737472

Ion Ratio Lower Upper

117 100

82 54.6 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: VD077281.D

Acq: 05 Oct 2023 18:14

Tgt Ion:152 Resp: 391222

Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 156.7 0.0 353.6

