

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077846.D
 Acq On : 12 Dec 2023 17:02
 Operator : JC/SY
 Sample : 05737-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-12082023

Quant Time: Dec 13 03:11:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	10977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	21236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	20566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8324	64.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.700%
35) Dibromofluoromethane	7.816	113	6979	46.917	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.840%
50) Toluene-d8	10.269	98	25592	42.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.920%
62) 4-Bromofluorobenzene	12.575	95	7504	42.129	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.260%

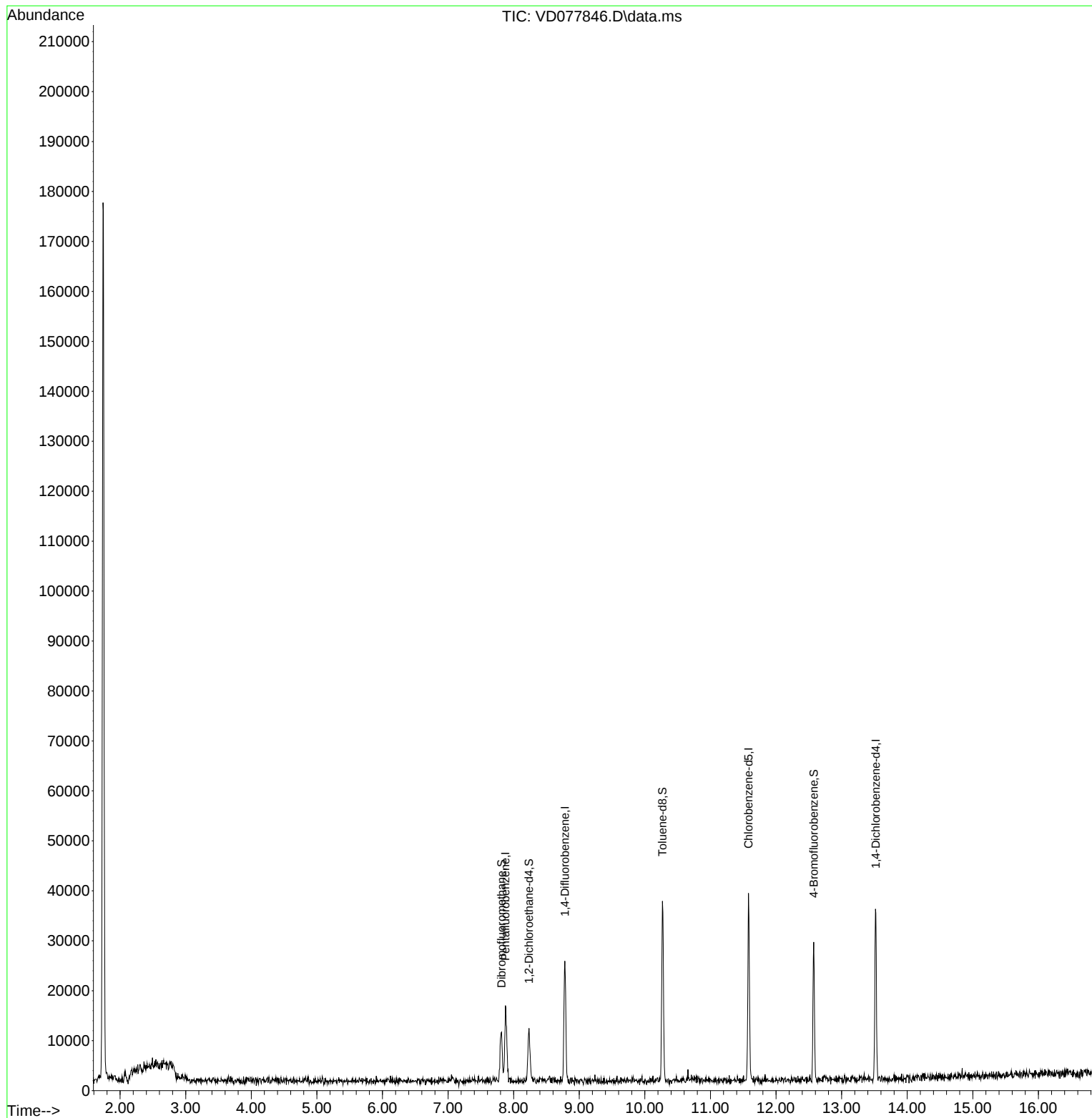
Target Compounds	Qvalue

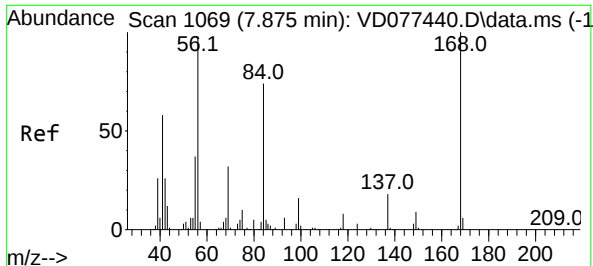
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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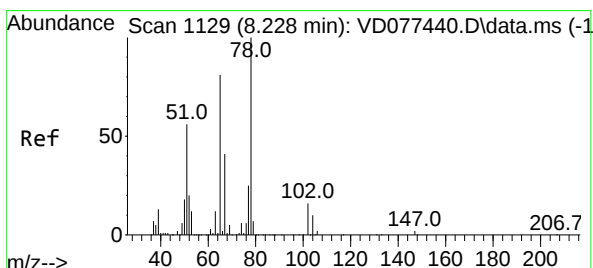
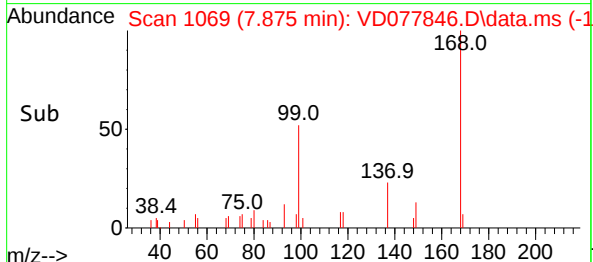
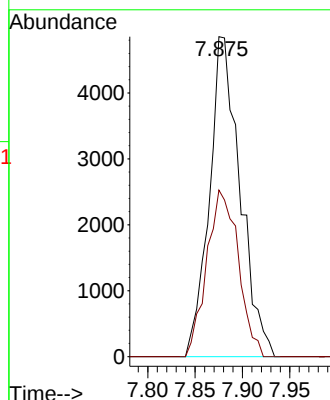
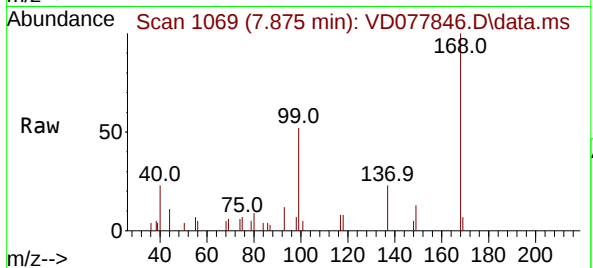




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD077846.D
Acq: 12 Dec 2023 17:02

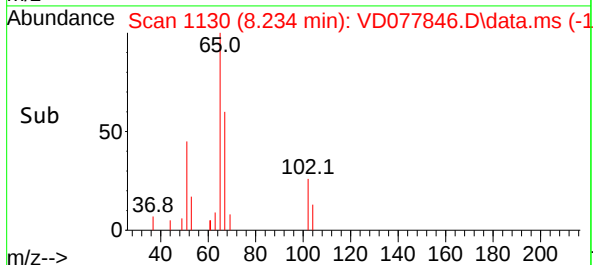
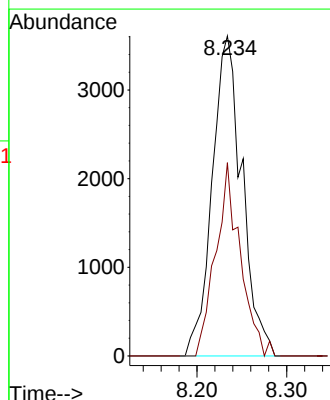
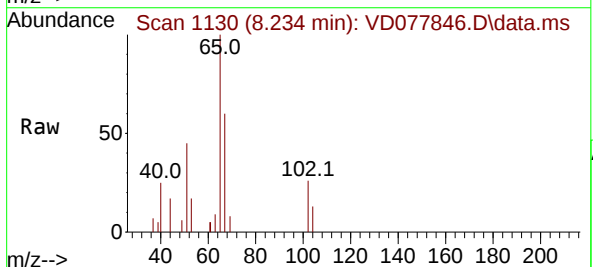
Instrument :
MSVOA_D
ClientSampleId :
SU-02-12082023

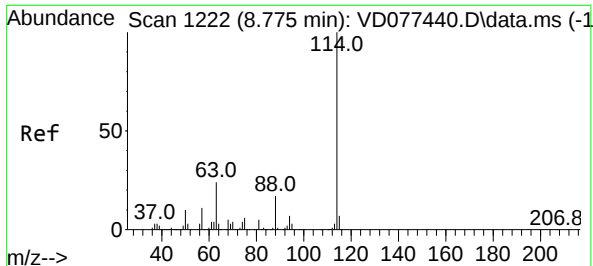
Tgt Ion:168 Resp: 10977
Ion Ratio Lower Upper
168 100
99 52.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.353 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077846.D
Acq: 12 Dec 2023 17:02

Tgt Ion: 65 Resp: 8324
Ion Ratio Lower Upper
65 100
67 49.9 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: VD077846.D

Acq: 12 Dec 2023 17:02

Instrument :

MSVOA_D

ClientSampleId :

SU-02-12082023

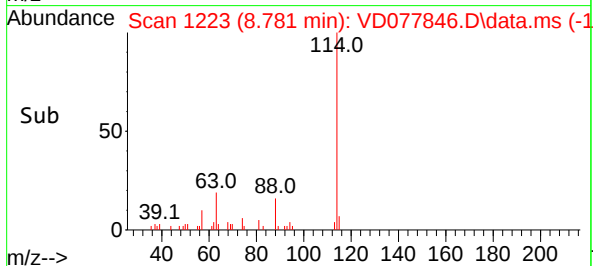
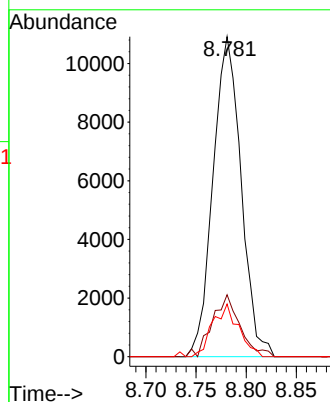
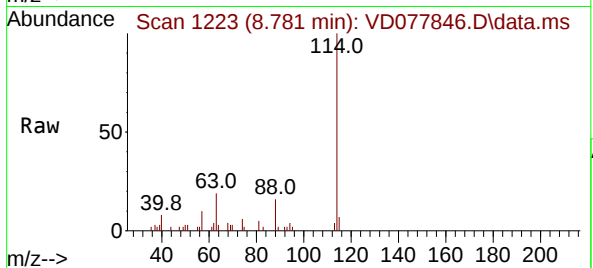
Tgt Ion:114 Resp: 21236

Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 16.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.917 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.012 min

Lab File: VD077846.D

Acq: 12 Dec 2023 17:02

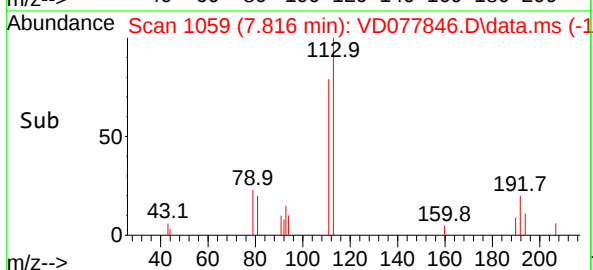
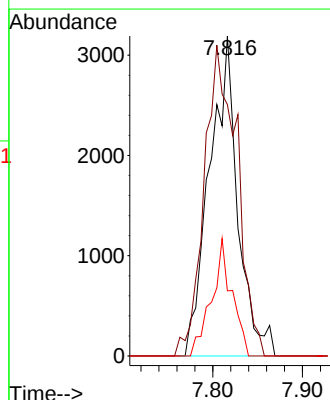
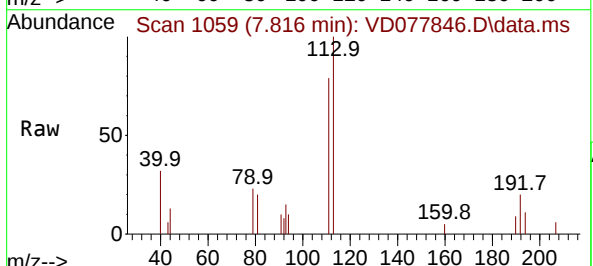
Tgt Ion:113 Resp: 6979

Ion Ratio Lower Upper

113 100

111 112.3 84.7 127.1

192 26.4 16.8 25.2#

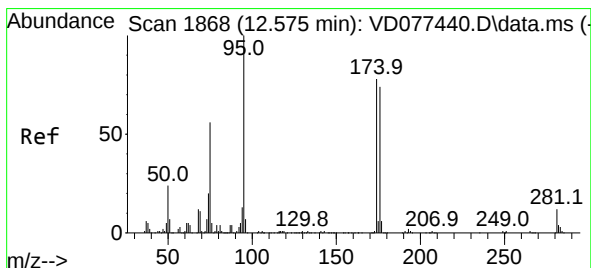
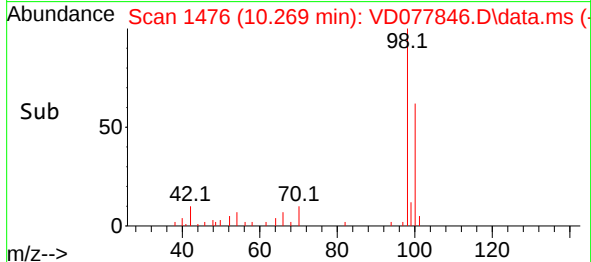
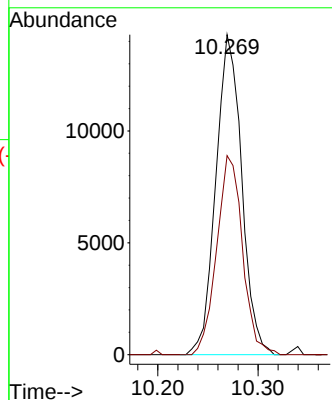
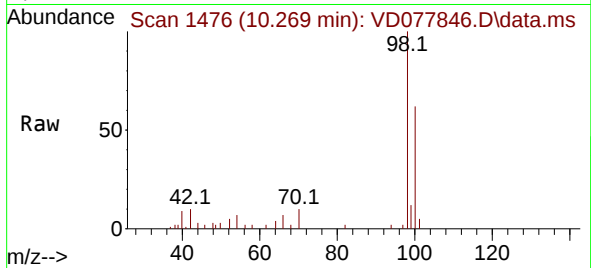




#50
Toluene-d8
Concen: 42.956 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077846.D
Acq: 12 Dec 2023 17:02

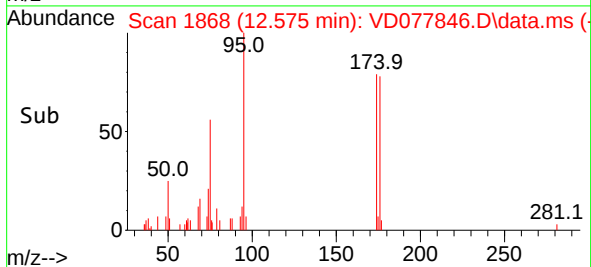
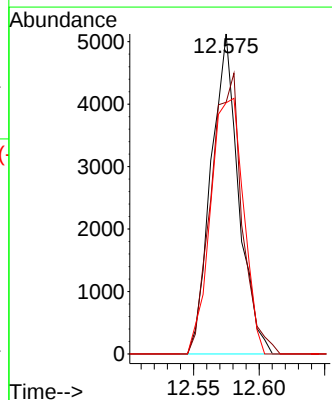
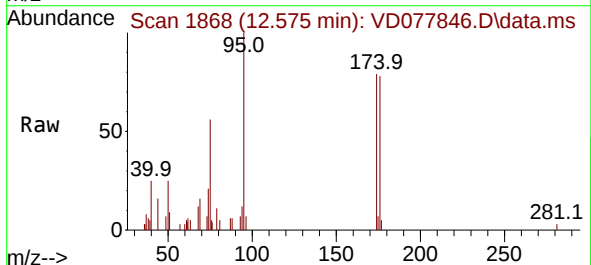
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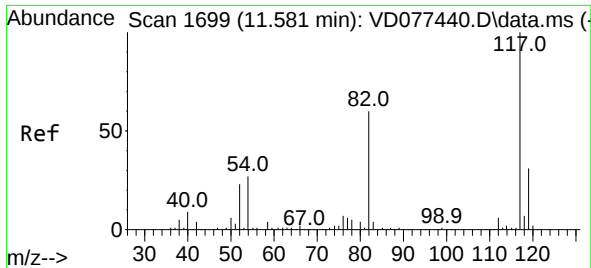
Tgt Ion: 98 Resp: 25592
Ion Ratio Lower Upper
98 100
100 62.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.129 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077846.D
Acq: 12 Dec 2023 17:02

Tgt Ion: 95 Resp: 7504
Ion Ratio Lower Upper
95 100
174 98.1 0.0 201.8
176 95.3 0.0 191.8

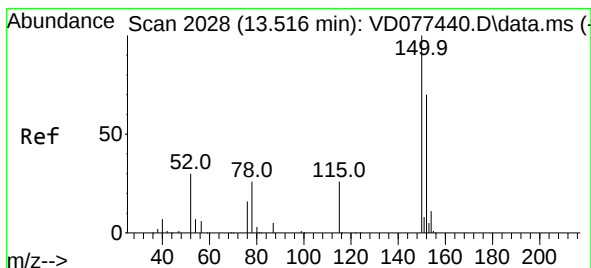
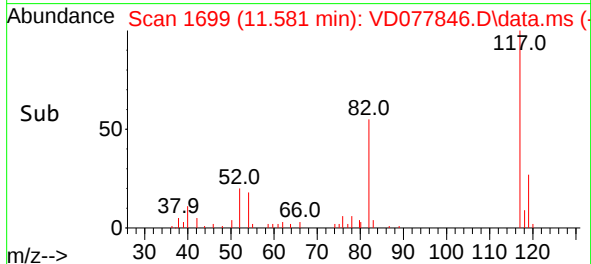
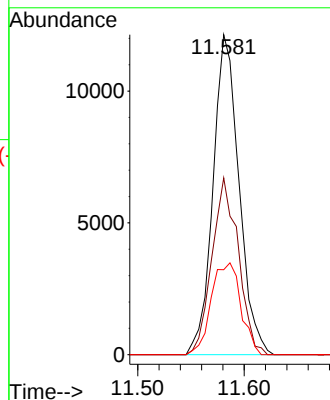
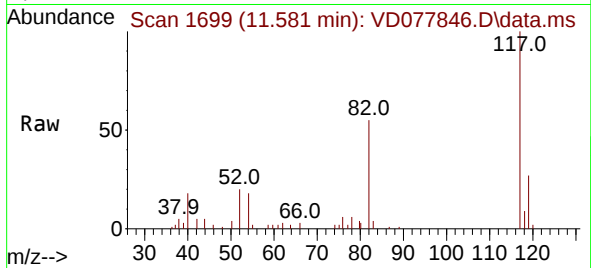




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077846.D
Acq: 12 Dec 2023 17:02

Instrument :
MSVOA_D
ClientSampleId :
SU-02-12082023

Tgt Ion:117	Resp:	20566
Ion	Ratio	Lower Upper
117	100	
82	55.2	38.3 57.5
119	26.6	25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077846.D
Acq: 12 Dec 2023 17:02

Tgt Ion:152	Resp:	9455
Ion	Ratio	Lower Upper
152	100	
115	54.5	27.1 81.3
150	152.6	0.0 353.6

