

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077796.D
 Acq On : 08 Dec 2023 17:37
 Operator : JC/SY
 Sample : 05639-01RE
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E8965C-CC-001RE

Quant Time: Dec 08 23:12:22 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	1505	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	3846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	835	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	1231	69.414	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.820%
35) Dibromofluoromethane	7.805	113	1285	47.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.400%
50) Toluene-d8	10.269	98	3409	31.595	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.180%
62) 4-Bromofluorobenzene	12.575	95	987	30.596	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.200%

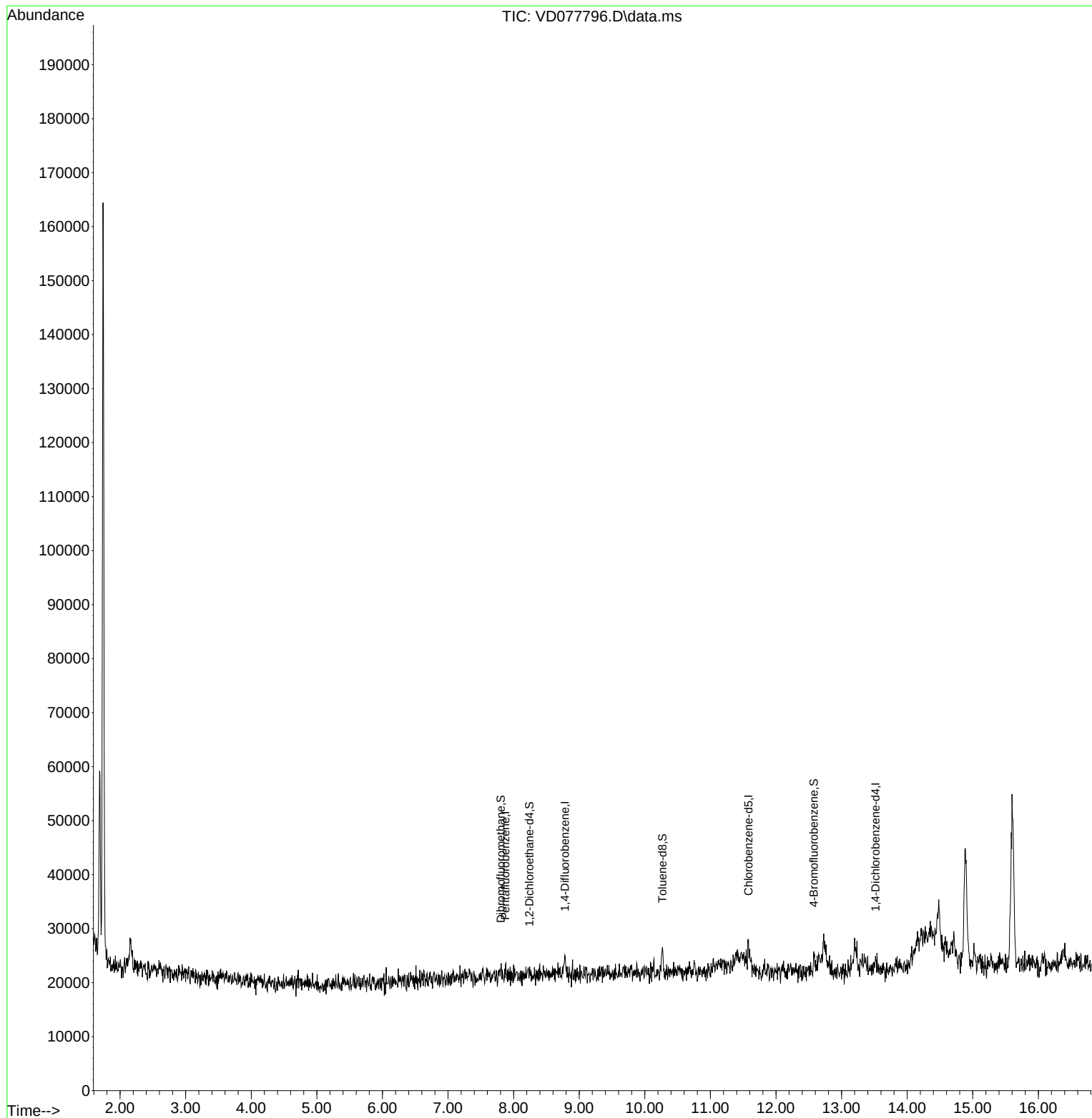
Target Compounds	Qvalue

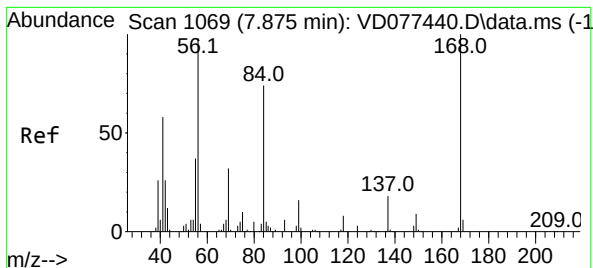
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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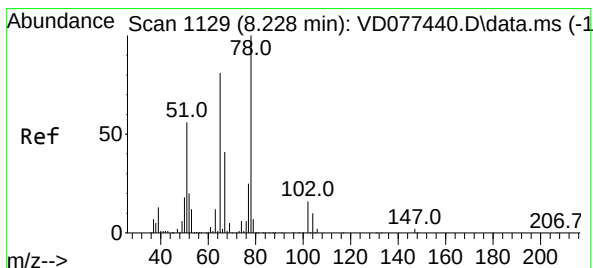
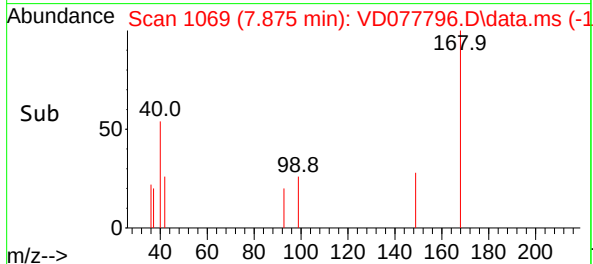
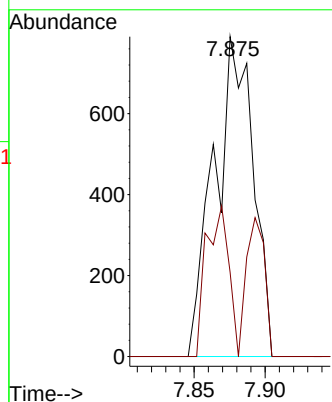
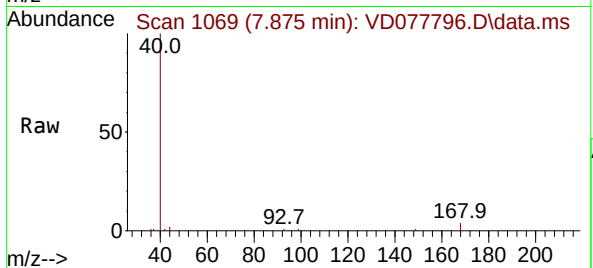




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

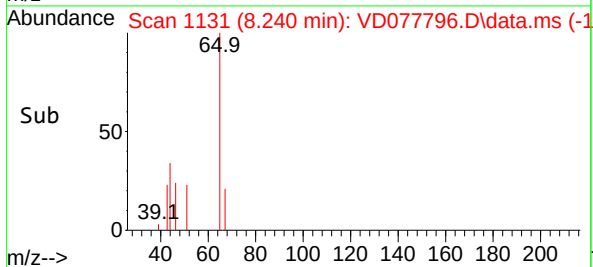
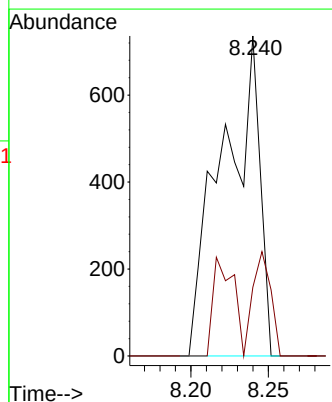
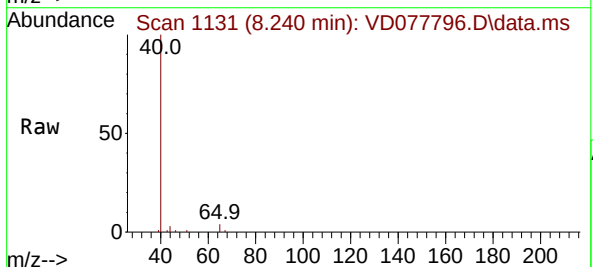
Instrument :
MSVOA_D
ClientSampleId :
E8965C-CC-001RE

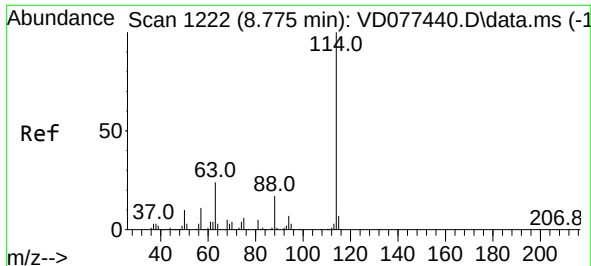
Tgt Ion:168 Resp: 1505
Ion Ratio Lower Upper
168 100
99 26.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 69.414 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 65 Resp: 1231
Ion Ratio Lower Upper
65 100
67 15.8 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: VD077796.D

Acq: 08 Dec 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

E8965C-CC-001RE

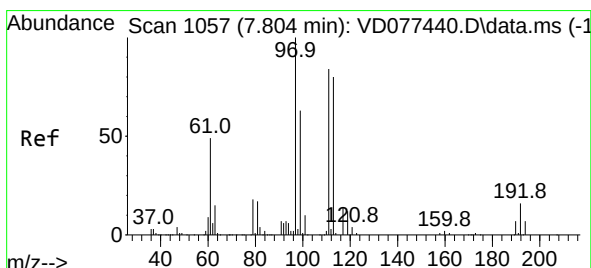
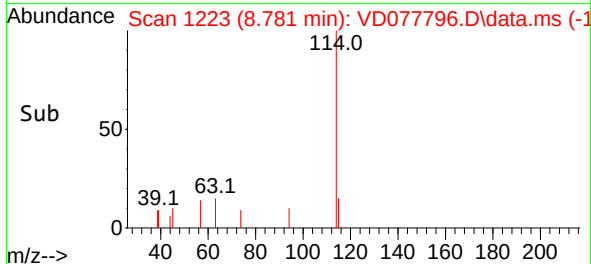
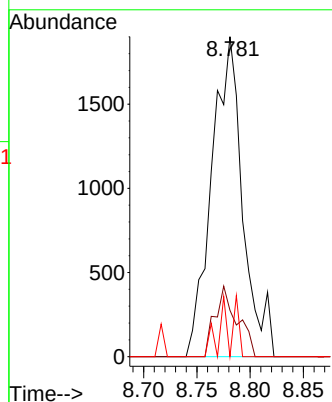
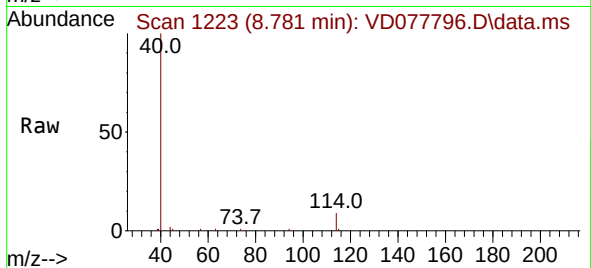
Tgt Ion:114 Resp: 3846

Ion Ratio Lower Upper

114 100

63 14.5 0.0 33.4

88 0.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.699 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077796.D

Acq: 08 Dec 2023 17:37

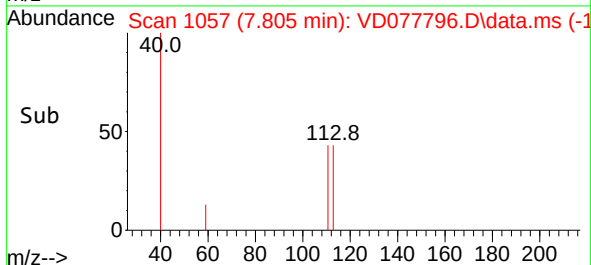
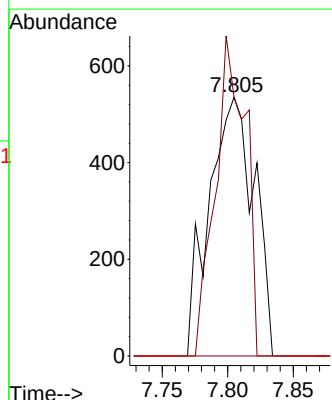
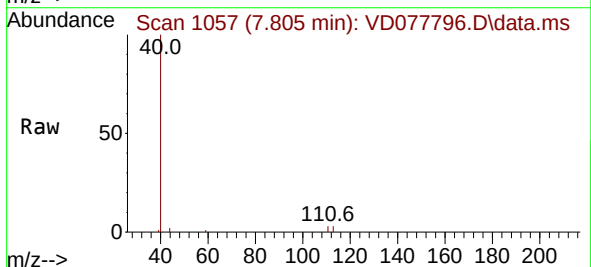
Tgt Ion:113 Resp: 1285

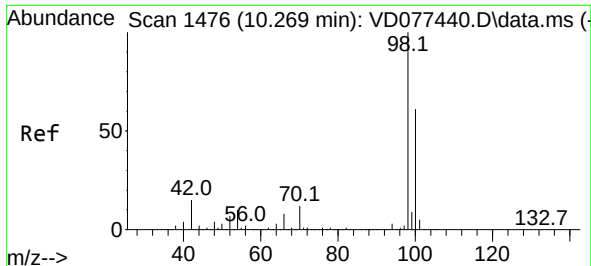
Ion Ratio Lower Upper

113 100

111 83.0 84.7 127.1#

192 0.0 16.8 25.2#

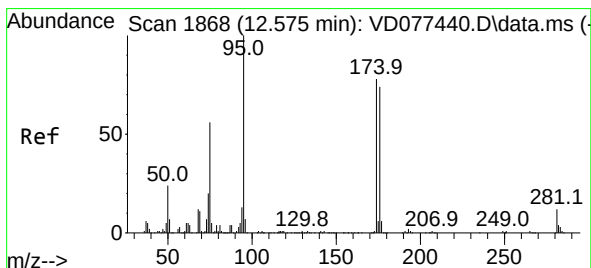
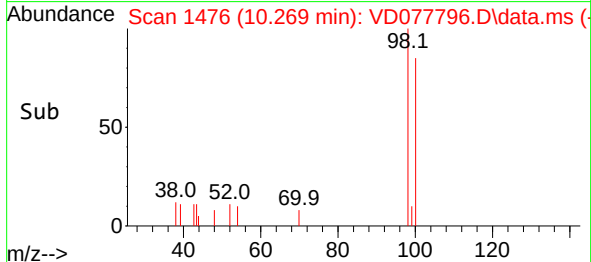
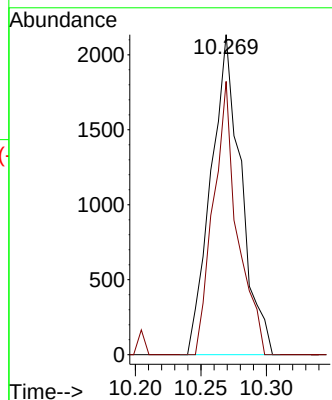
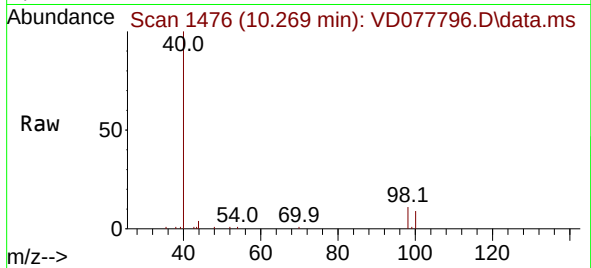




#50
Toluene-d8
Concen: 31.595 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

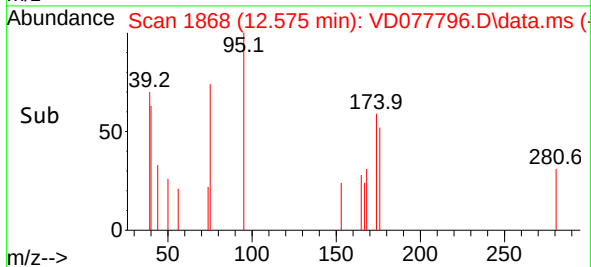
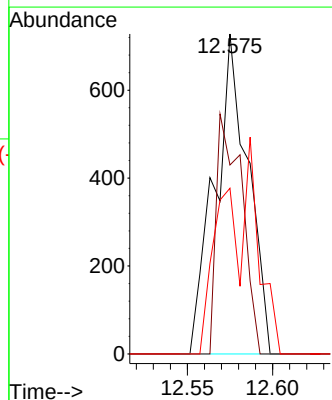
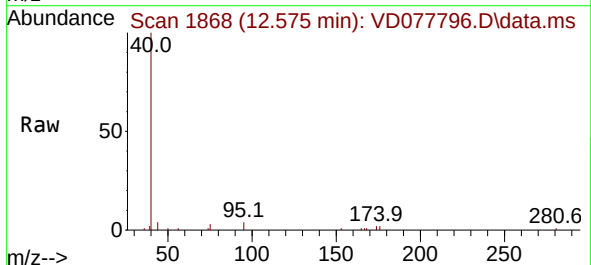
Instrument :
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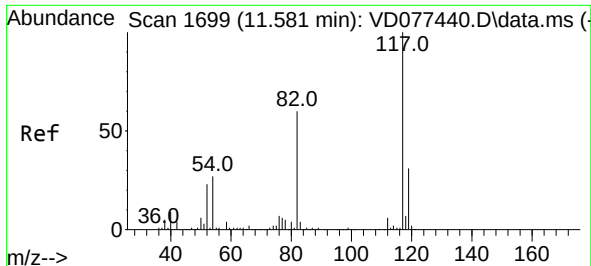
Tgt Ion: 98 Resp: 3409
Ion Ratio Lower Upper
98 100
100 68.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 30.596 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion: 95 Resp: 987
Ion Ratio Lower Upper
95 100
174 57.0 0.0 201.8
176 38.9 0.0 191.8

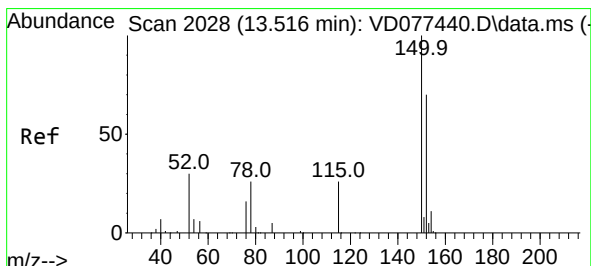
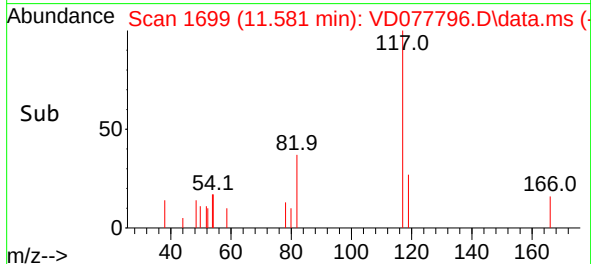
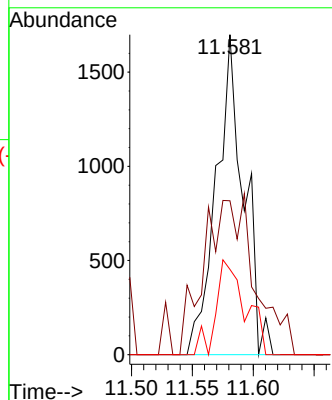
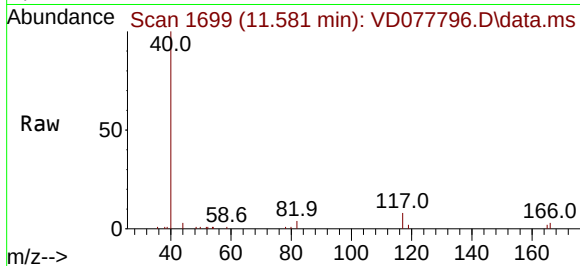




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077796.D
Acq: 08 Dec 2023 17:37

Instrument :
MSVOA_D
ClientSampleId :
E8965C-CC-001RE

Tgt Ion:	117	Resp:	2668
Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.3	57.5
119	26.7	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: VD077796.D
Acq: 08 Dec 2023 17:37

Tgt Ion:	152	Resp:	835
Ion	Ratio	Lower	Upper
152	100		
115	8.6	27.1	81.3#
150	103.5	0.0	353.6

