

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101923\
 Data File : VN079608.D
 Acq On : 19 Oct 2023 10:04
 Operator : JC\MD
 Sample : VN1019WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBL01

Quant Time: Oct 20 01:25:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	232513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	446572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	442434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201698	53.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.000%
35) Dibromofluoromethane	8.171	113	181112	56.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.860%
50) Toluene-d8	10.570	98	532509	45.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.853	95	178107	47.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%

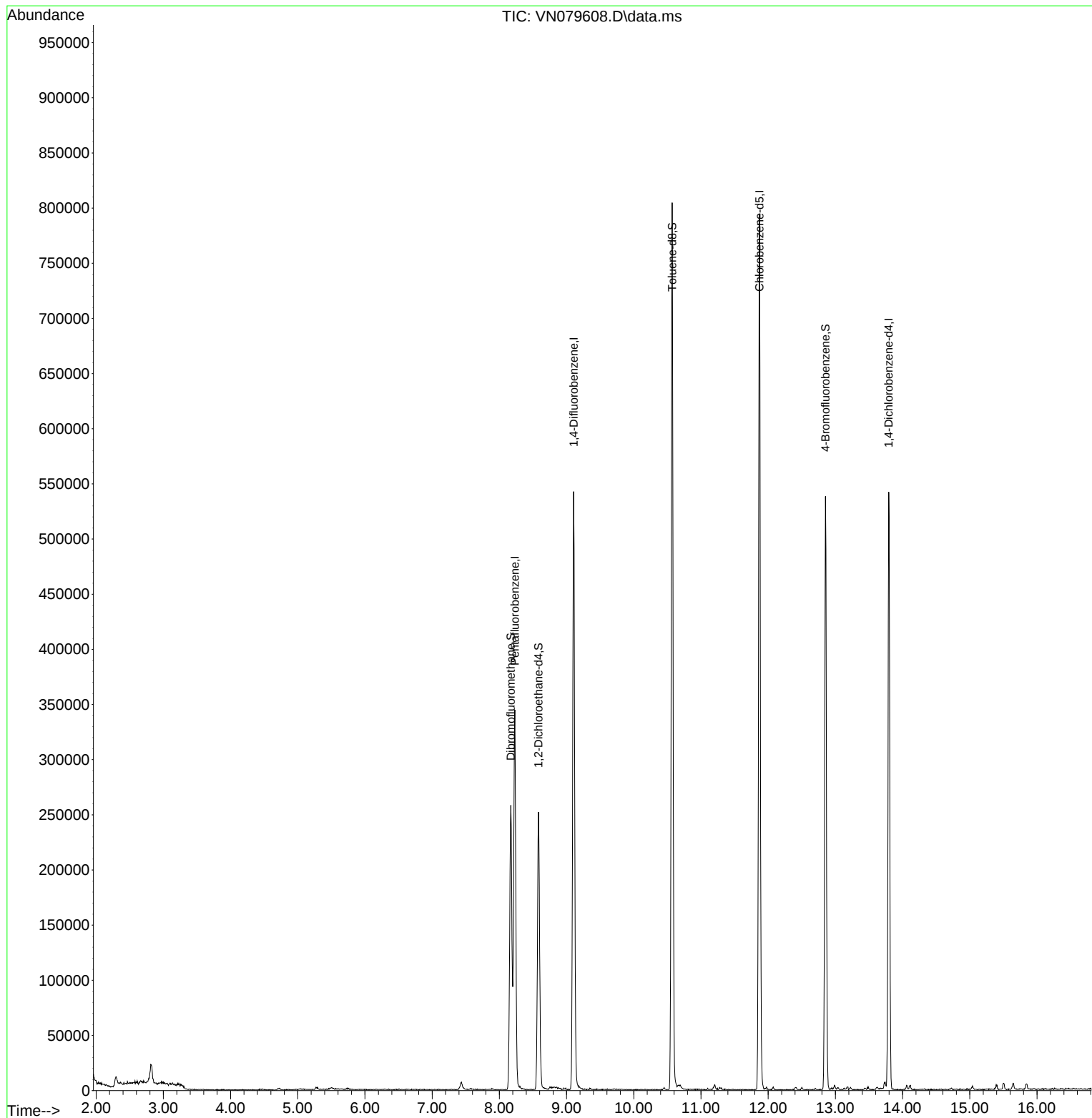
Target Compounds	Qvalue

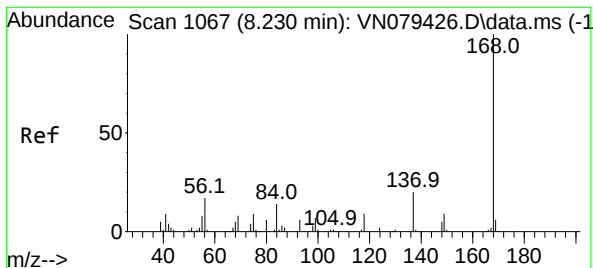
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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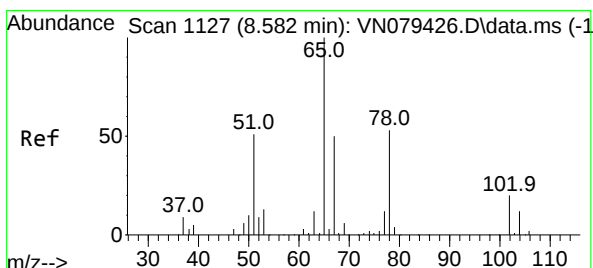
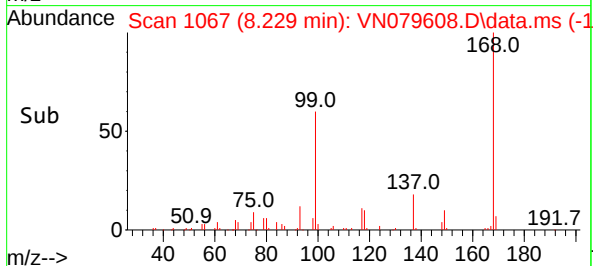
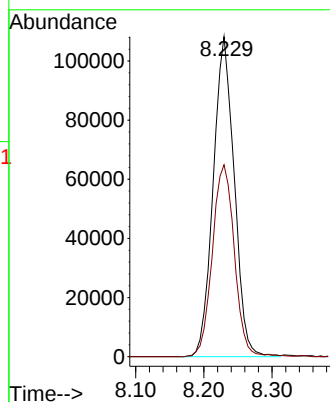
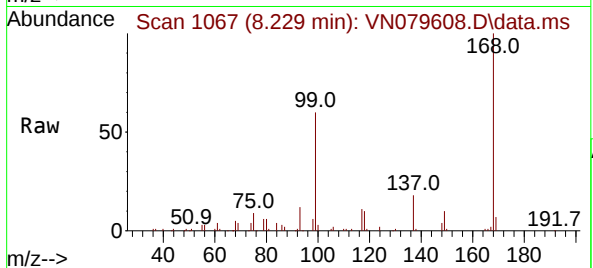




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079608.D
Acq: 19 Oct 2023 10:04

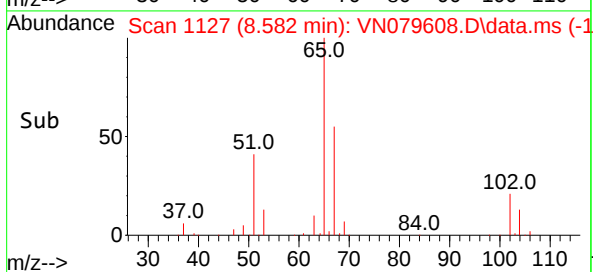
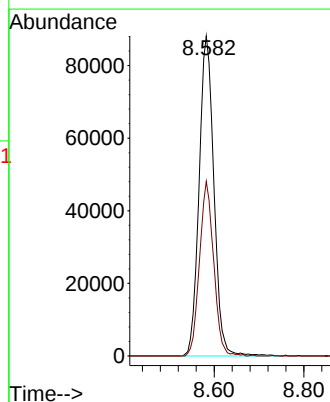
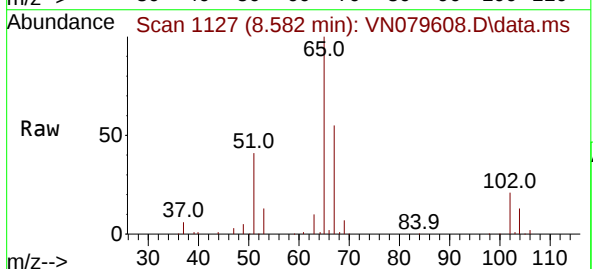
Instrument :
MSVOA_N
ClientSampleId :
VN1019WBL01

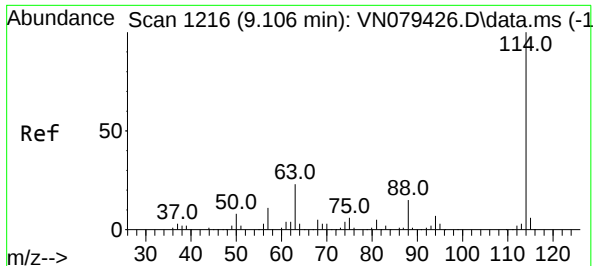
Tgt Ion:168 Resp: 232513
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.501 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079608.D
Acq: 19 Oct 2023 10:04

Tgt Ion: 65 Resp: 201698
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079608.D

Acq: 19 Oct 2023 10:04

Instrument :

MSVOA_N

ClientSampleId :

VN1019WBL01

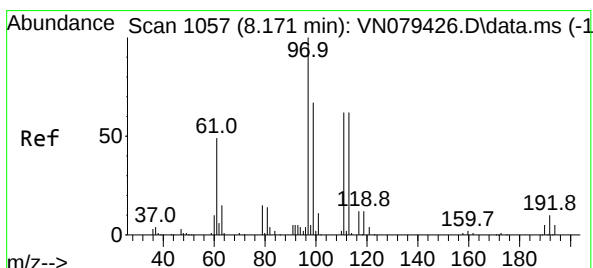
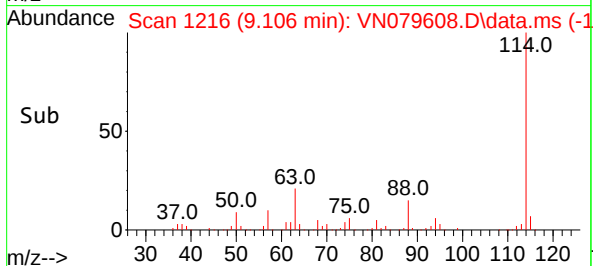
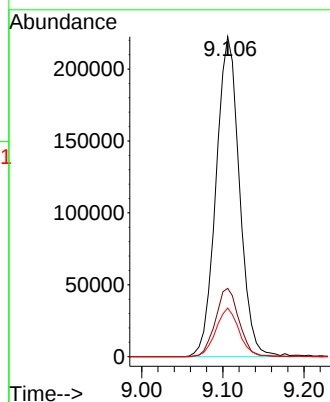
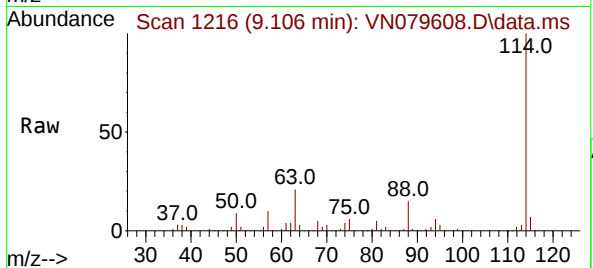
Tgt Ion:114 Resp: 446572

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.435 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079608.D

Acq: 19 Oct 2023 10:04

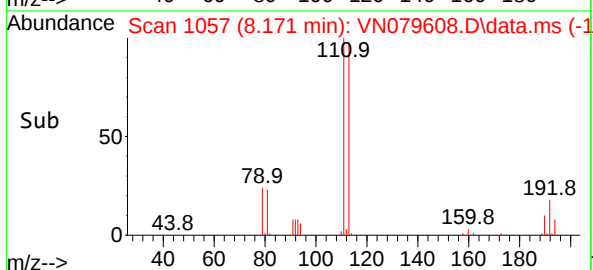
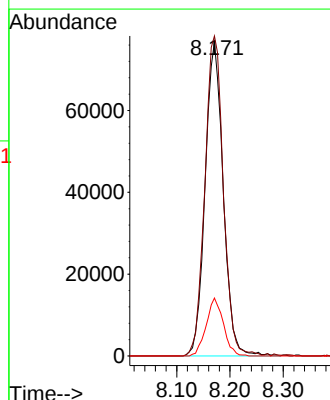
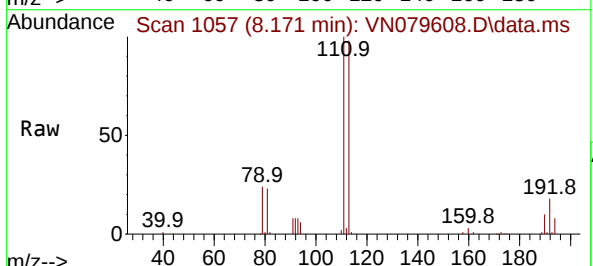
Tgt Ion:113 Resp: 181112

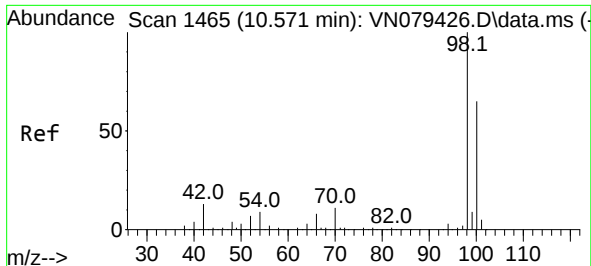
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.6 12.7 19.1

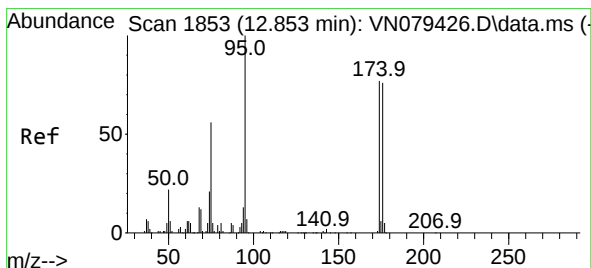
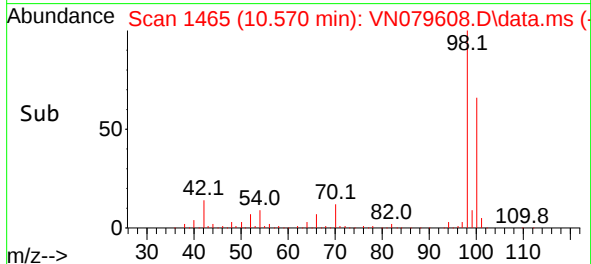
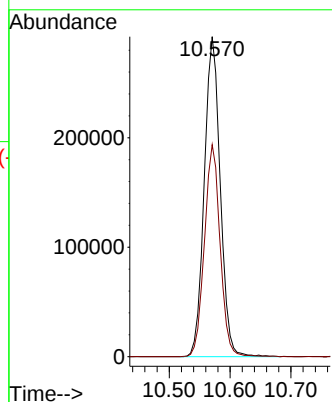
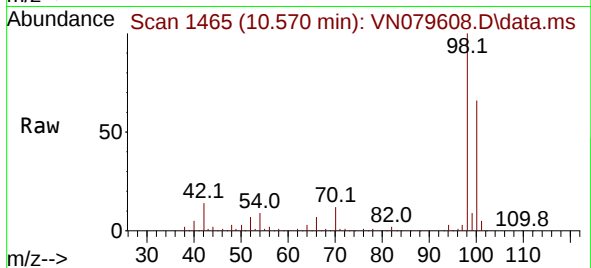




#50
Toluene-d8
Concen: 45.859 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079608.D
Acq: 19 Oct 2023 10:04

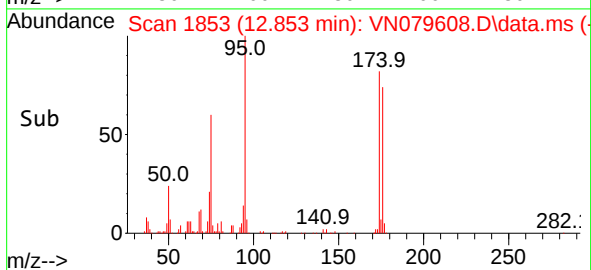
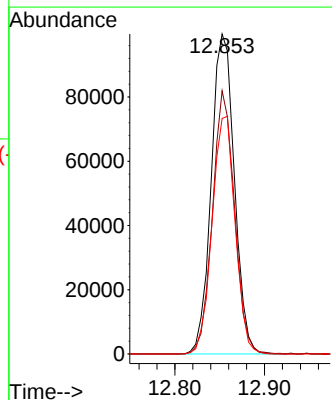
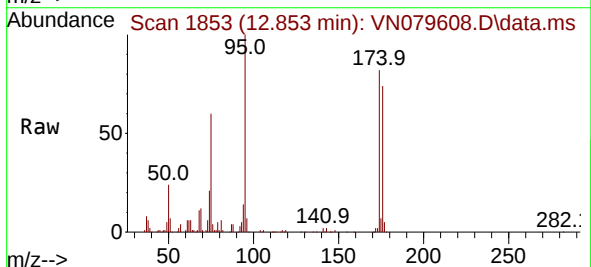
Instrument :
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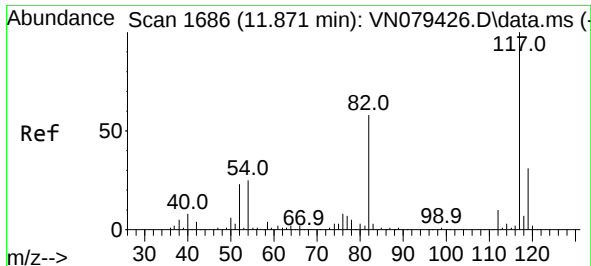
Tgt Ion: 98 Resp: 532509
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079608.D
Acq: 19 Oct 2023 10:04

Tgt Ion: 95 Resp: 178107
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 74.0 0.0 135.8

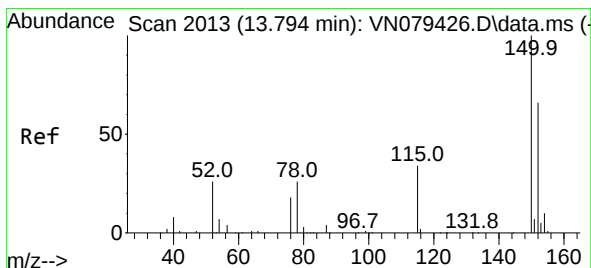
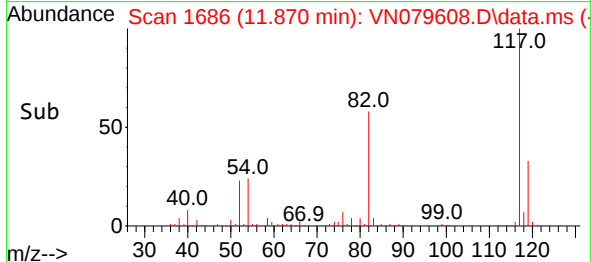
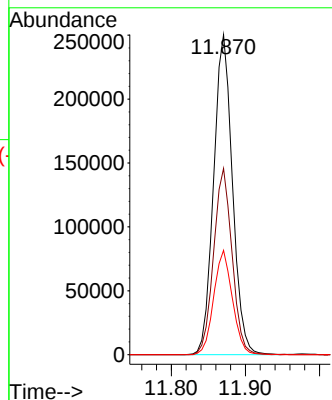
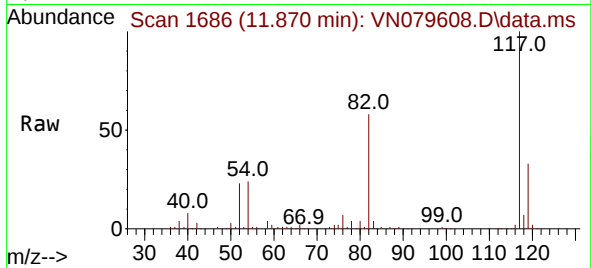




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079608.D
Acq: 19 Oct 2023 10:04

Instrument :
MSVOA_N
ClientSampleId :
VN1019WBL01

Tgt Ion:117 Resp: 442434
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079608.D
Acq: 19 Oct 2023 10:04

Tgt Ion:152 Resp: 142455
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 156.9 0.0 355.8

