

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077083.D
 Acq On : 21 Mar 2023 11:29
 Operator : JC\MD
 Sample : VN0321MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321MBL01

Quant Time: Mar 21 23:13:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	375472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	673951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	584089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	214175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	279071	46.531	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.060%
35) Dibromofluoromethane	8.172	113	214676	45.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.960%
50) Toluene-d8	10.572	98	812040	48.165	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.854	95	260620	43.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.500%

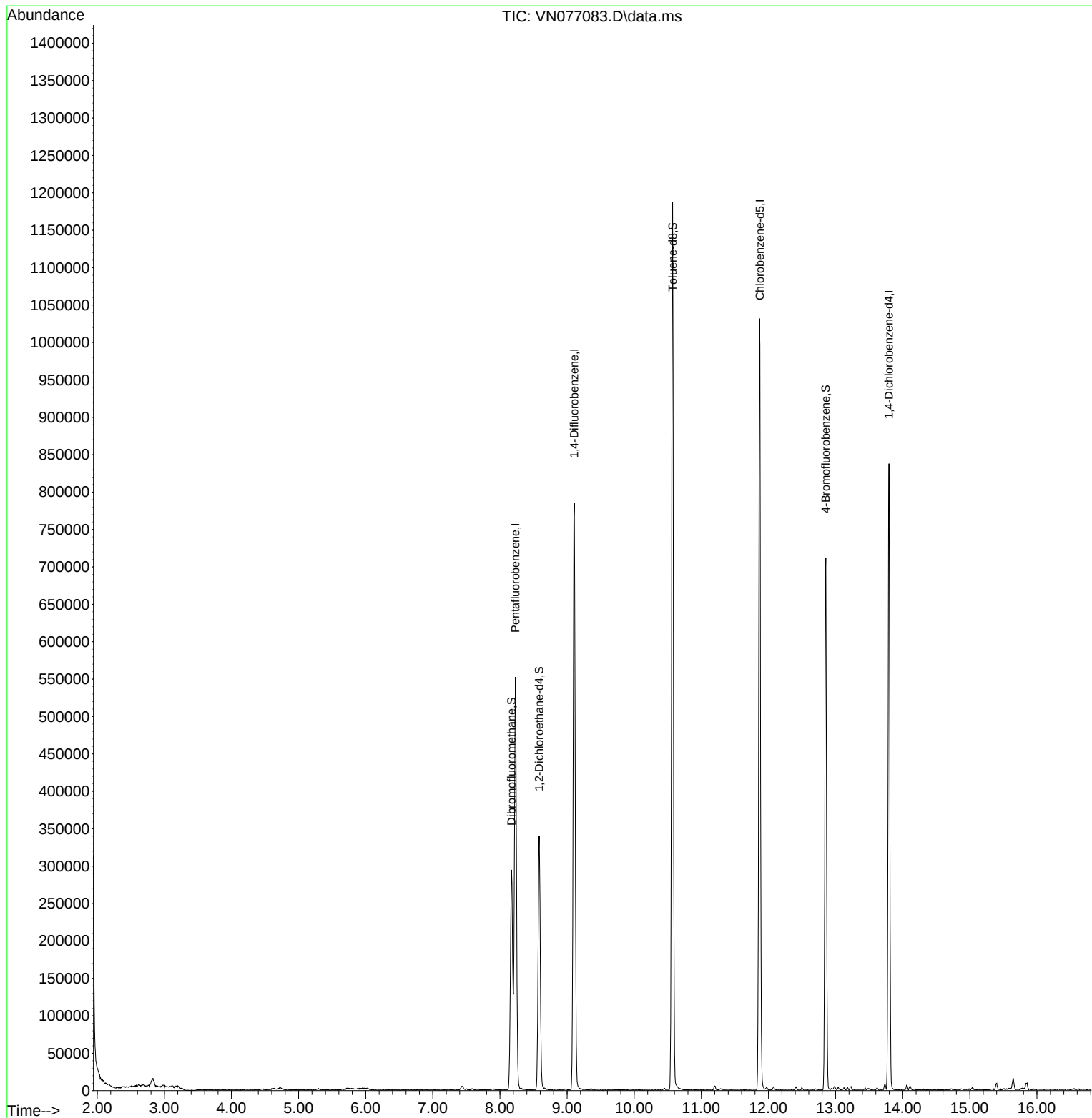
Target Compounds	Qvalue

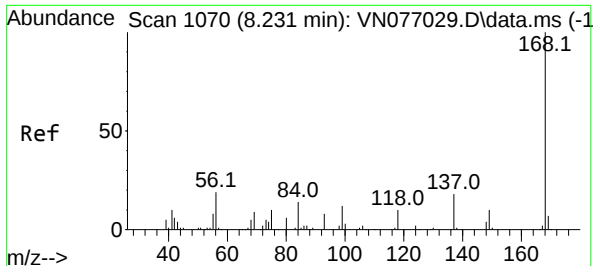
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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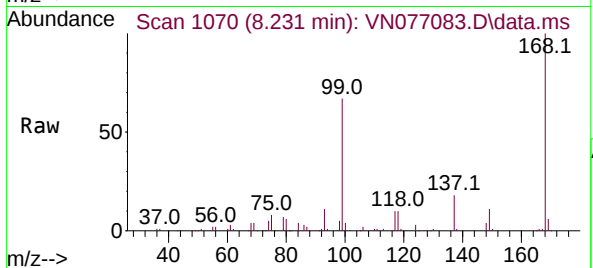
Quant Time: Mar 21 23:13:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
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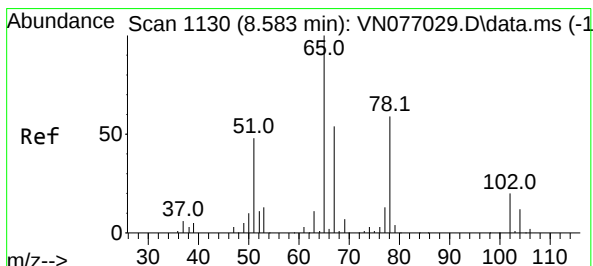
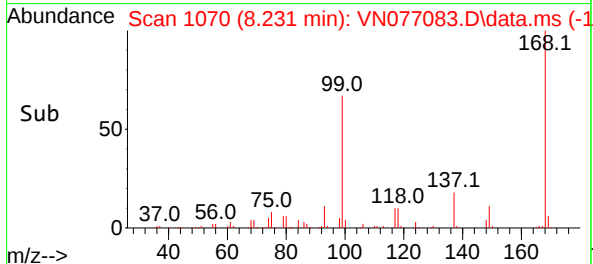
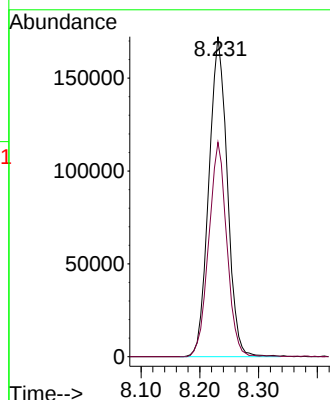


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077083.D
Acq: 21 Mar 2023 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBL01

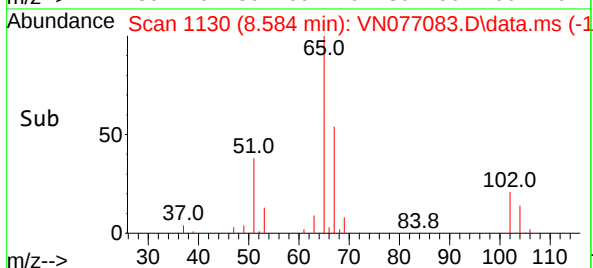
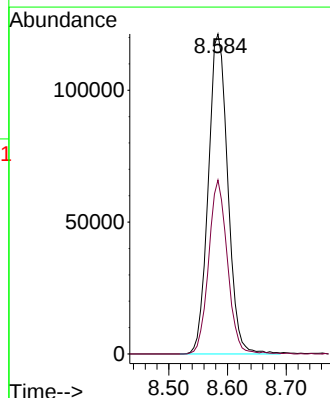
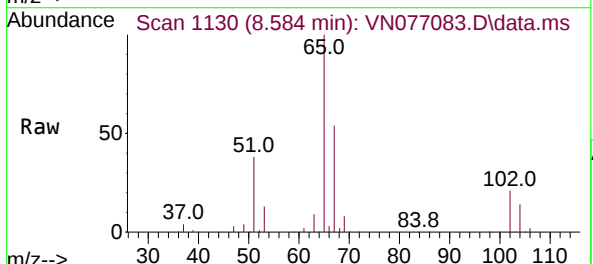


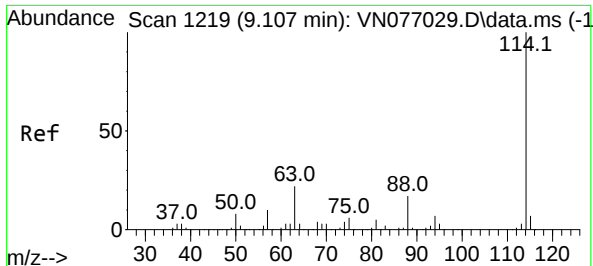
Tgt Ion:168 Resp: 375472
Ion Ratio Lower Upper
168 100
99 67.0 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 46.531 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077083.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 65 Resp: 279071
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077083.D

Acq: 21 Mar 2023 11:29

Instrument :

MSVOA_N

ClientSampleId :

VN0321MBL01

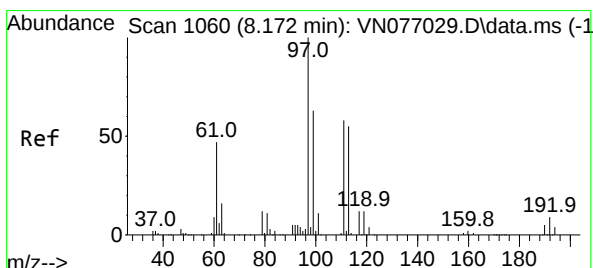
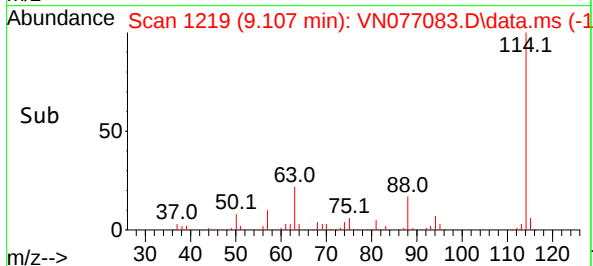
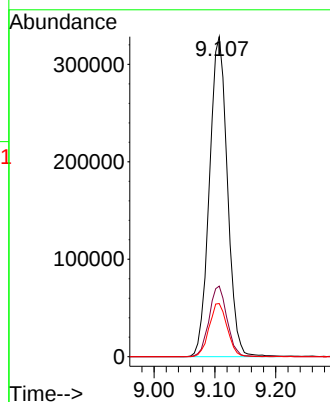
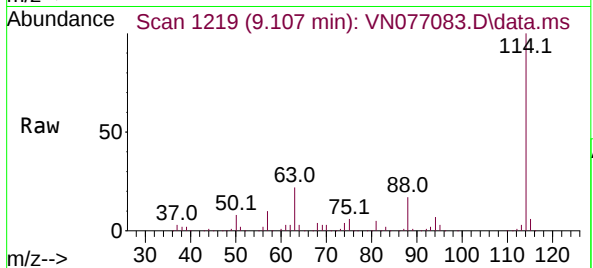
Tgt Ion:114 Resp: 673951

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.484 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077083.D

Acq: 21 Mar 2023 11:29

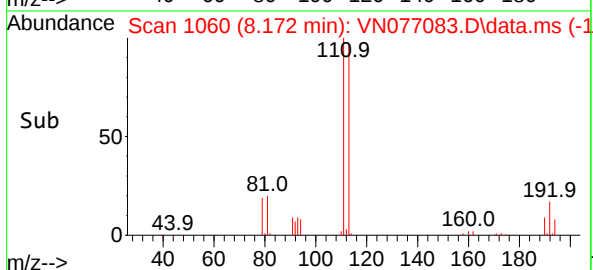
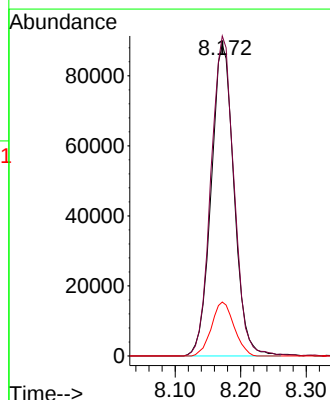
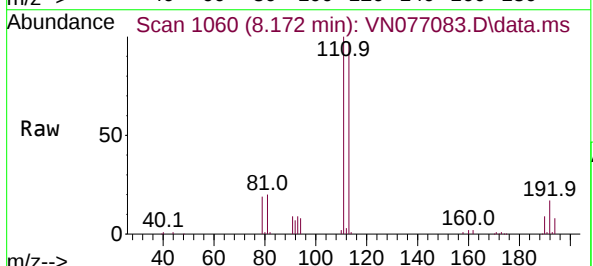
Tgt Ion:113 Resp: 214676

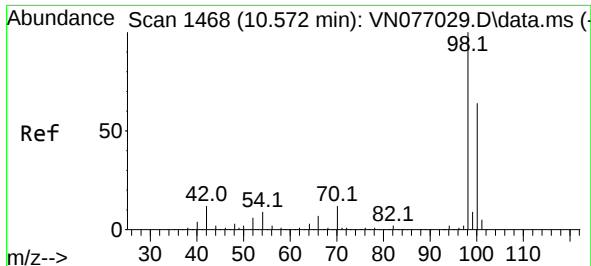
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 17.2 13.0 19.6

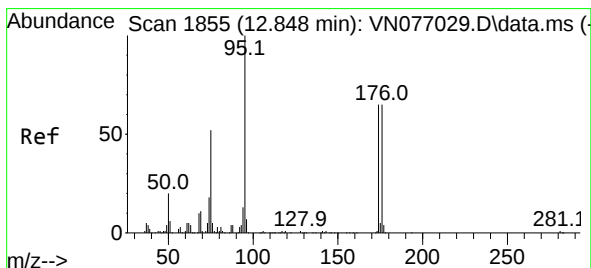
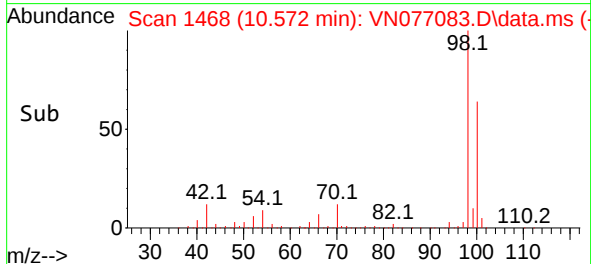
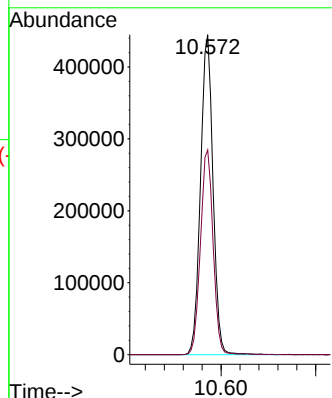
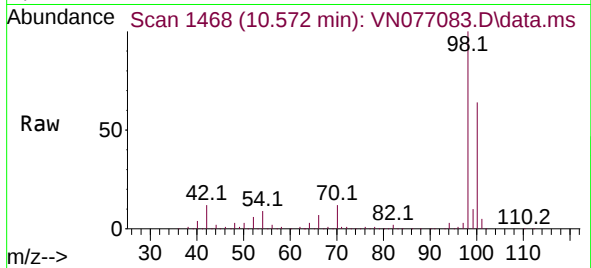




#50
Toluene-d8
Concen: 48.165 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077083.D
Acq: 21 Mar 2023 11:29

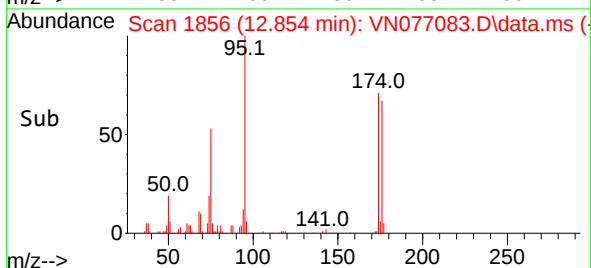
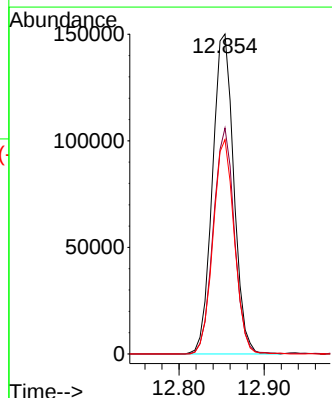
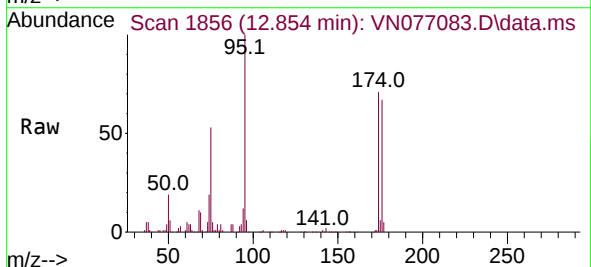
Instrument :
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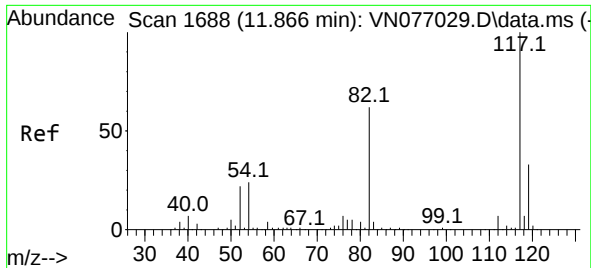
Tgt Ion: 98 Resp: 812040
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.746 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077083.D
Acq: 21 Mar 2023 11:29

Tgt Ion: 95 Resp: 260620
Ion Ratio Lower Upper
95 100
174 69.7 0.0 136.6
176 66.8 0.0 130.0

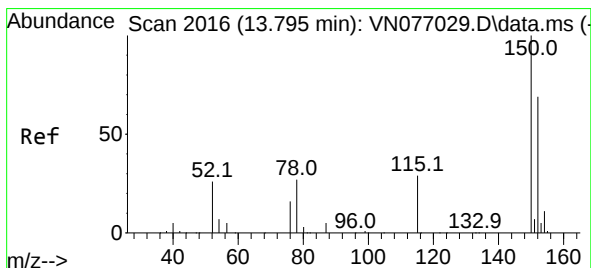
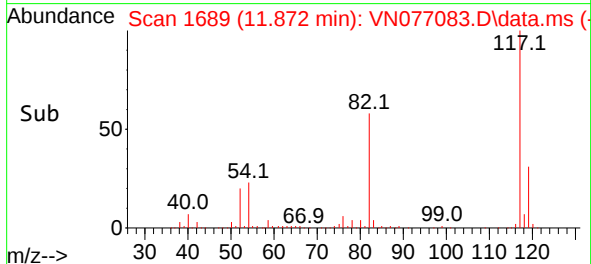
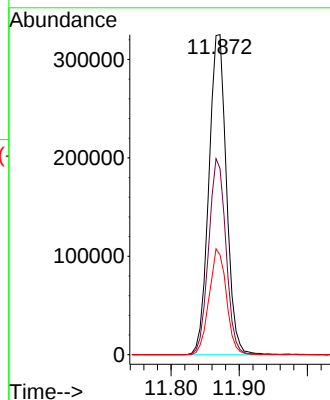
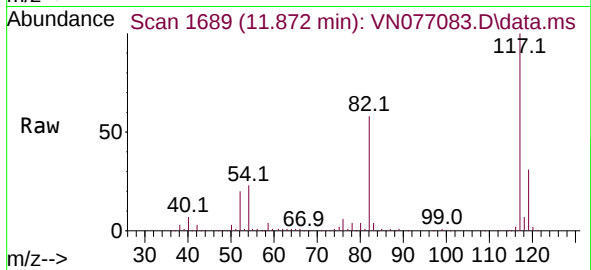




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077083.D
Acq: 21 Mar 2023 11:29

Instrument :
MSVOA_N
ClientSampleId :
VN0321MBL01

Tgt Ion:117 Resp: 584089
Ion Ratio Lower Upper
117 100
82 58.2 49.4 74.0
119 31.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077083.D
Acq: 21 Mar 2023 11:29

Tgt Ion:152 Resp: 214175
Ion Ratio Lower Upper
152 100
115 64.4 31.9 95.7
150 159.5 0.0 348.0

