

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078576.D
 Acq On : 19 Jul 2023 13:24
 Operator : JC\MD
 Sample : 03664-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1007

Quant Time: Jul 20 01:32:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

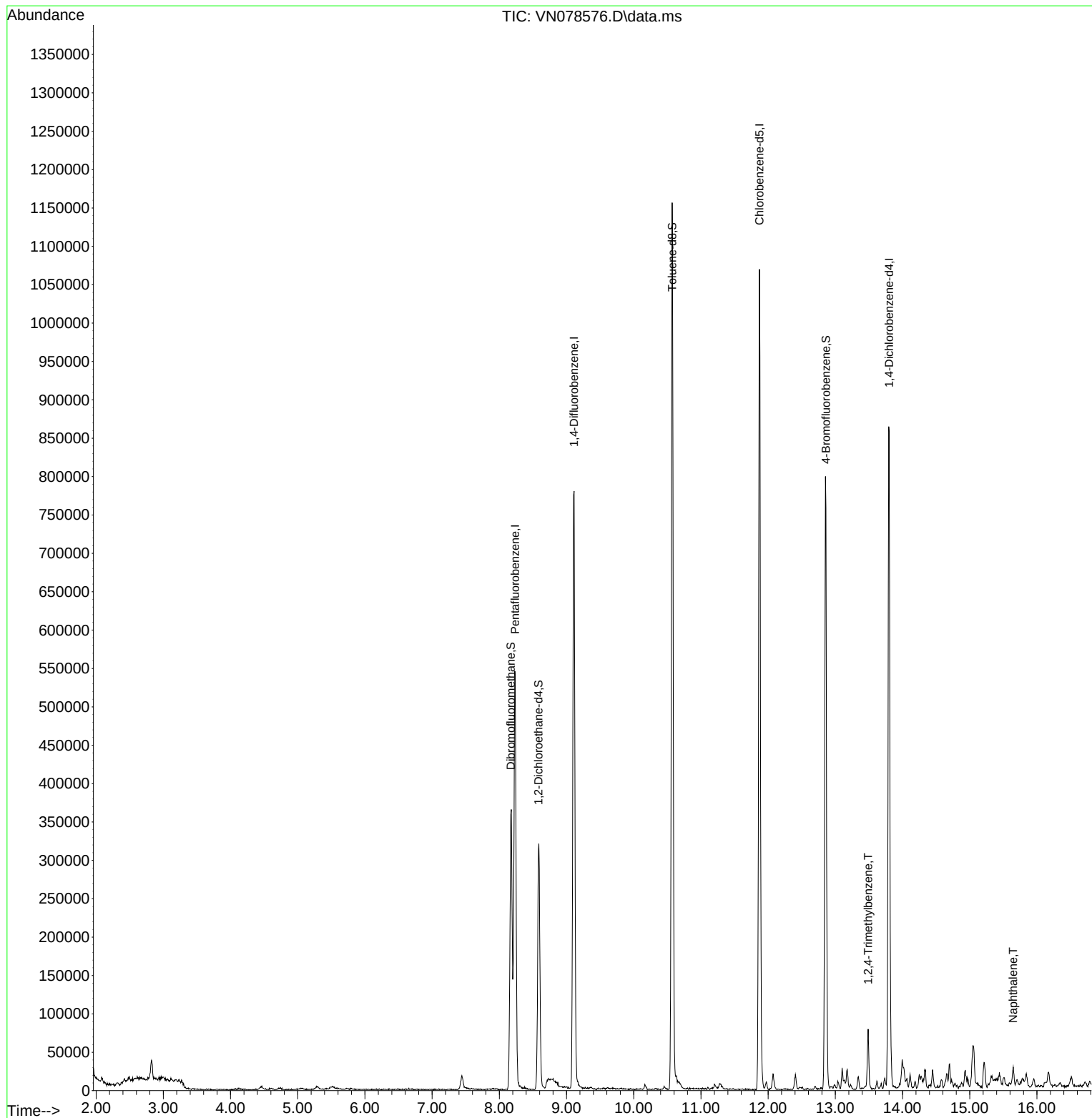
Internal Standards						
1) Pentafluorobenzene	8.236	168	396021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	709978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	649767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	258818	48.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.500%
35) Dibromofluoromethane	8.171	113	262977	54.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.120%
50) Toluene-d8	10.571	98	835976	45.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.840%
62) 4-Bromofluorobenzene	12.859	95	282959	50.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.920%
Target Compounds						
					Qvalue	
84) 1,2,4-Trimethylbenzene	13.488	105	39710	2.272	ug/l	97
95) Naphthalene	15.647	128	20783	2.189	ug/l #	93

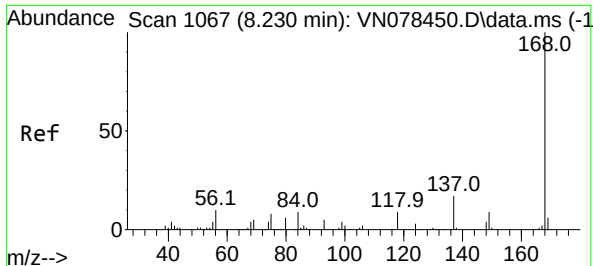
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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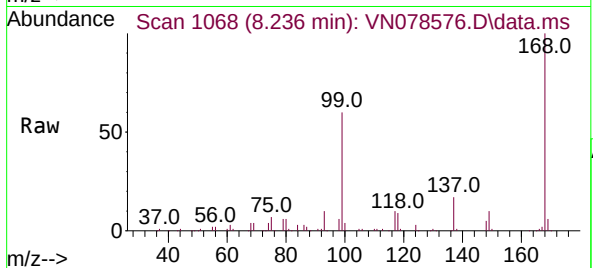
Quant Time: Jul 20 01:32:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration



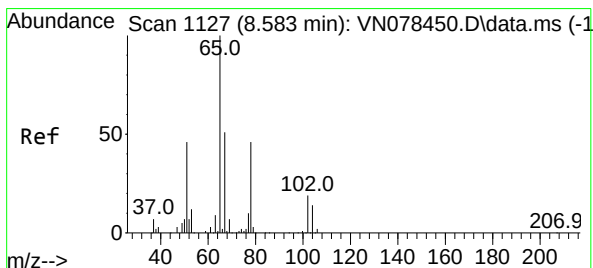
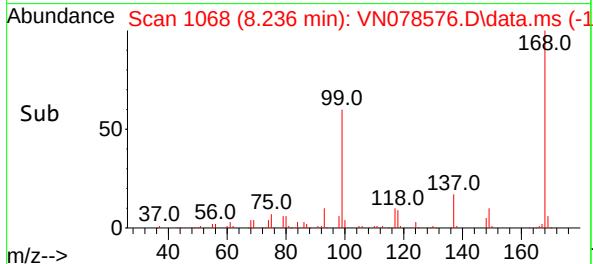
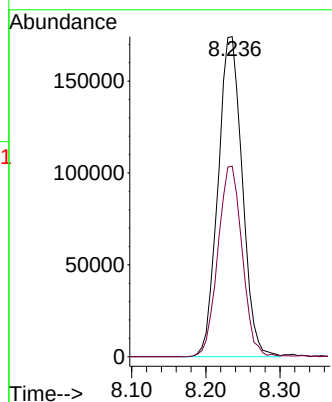


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

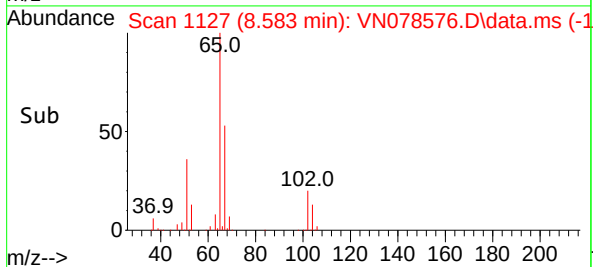
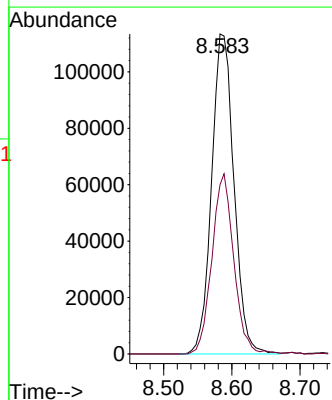
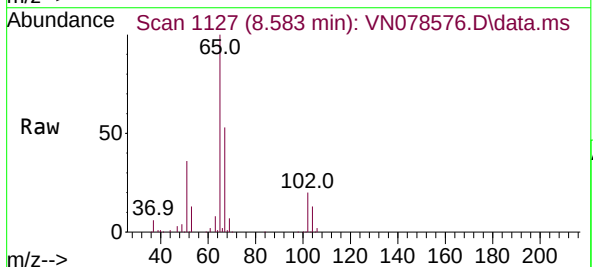


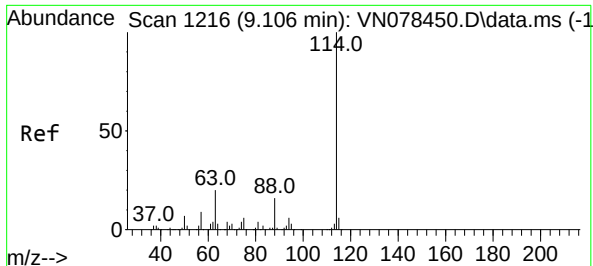
Tgt Ion:168 Resp: 396021
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.750 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion: 65 Resp: 258818
Ion Ratio Lower Upper
65 100
67 55.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

AUD-1007

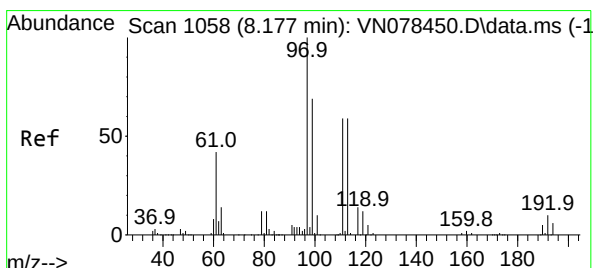
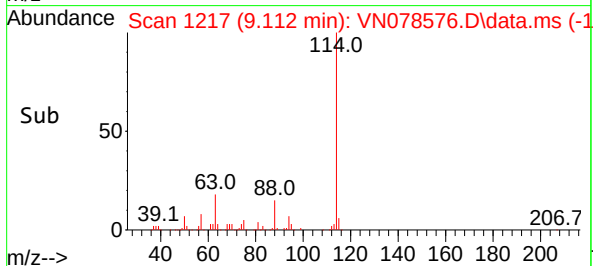
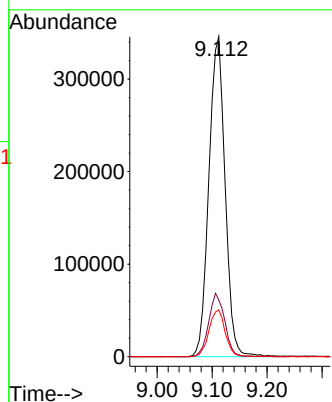
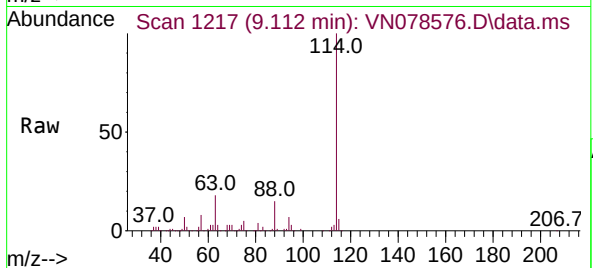
Tgt Ion:114 Resp: 709978

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.565 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

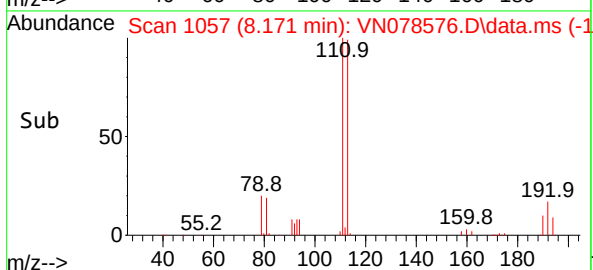
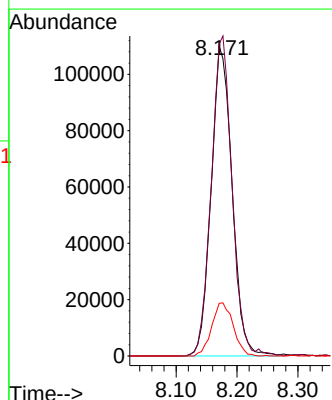
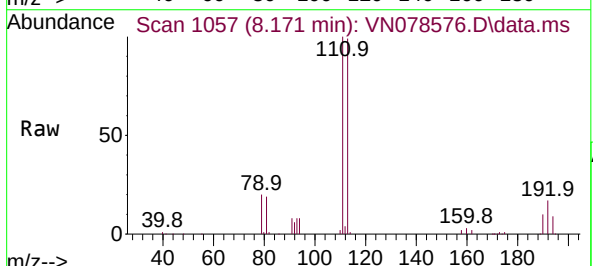
Tgt Ion:113 Resp: 262977

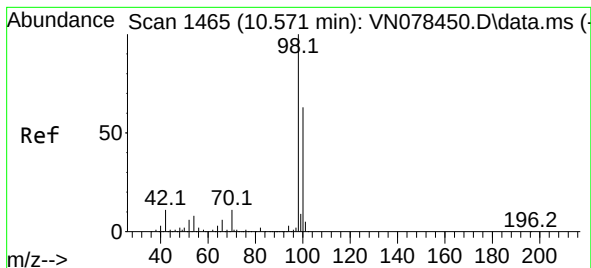
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.6 12.7 19.1





#50

Toluene-d8

Concen: 45.916 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

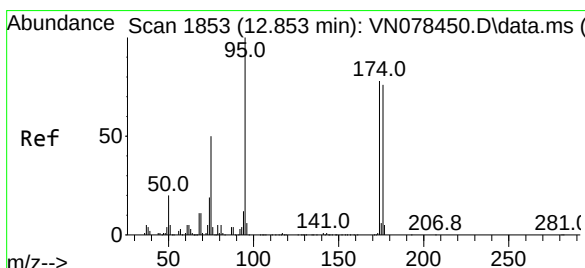
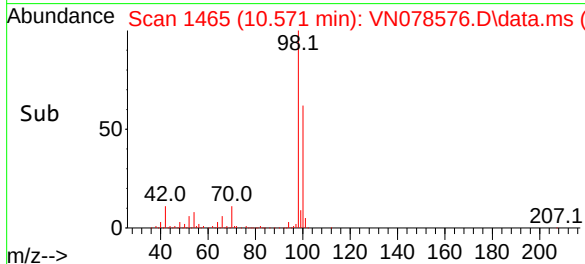
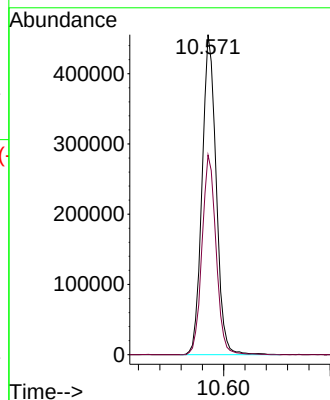
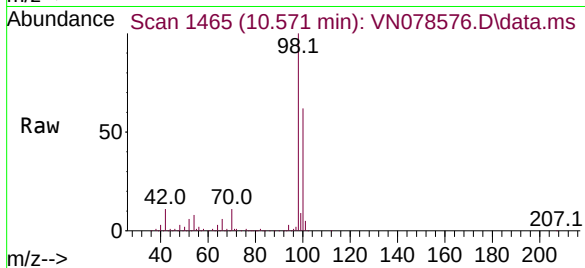
AUD-1007

Tgt Ion: 98 Resp: 835976

Ion Ratio Lower Upper

98 100

100 62.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.456 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN078576.D

Acq: 19 Jul 2023 13:24

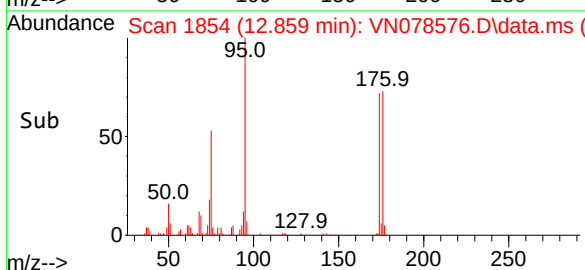
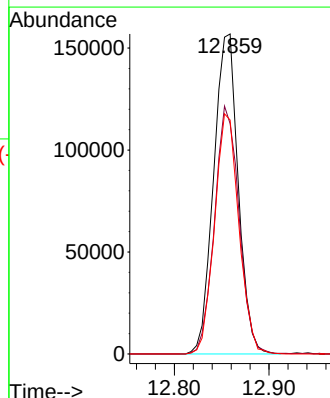
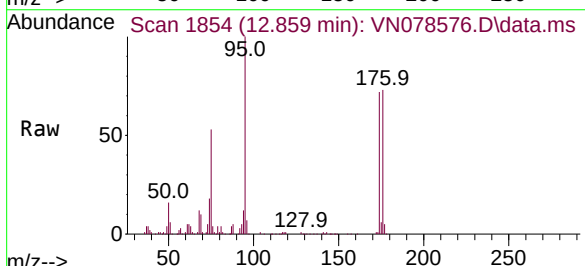
Tgt Ion: 95 Resp: 282959

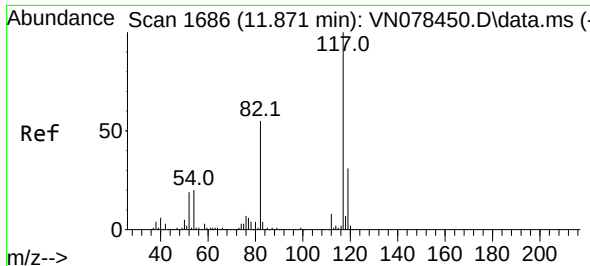
Ion Ratio Lower Upper

95 100

174 77.5 0.0 143.8

176 74.3 0.0 135.8

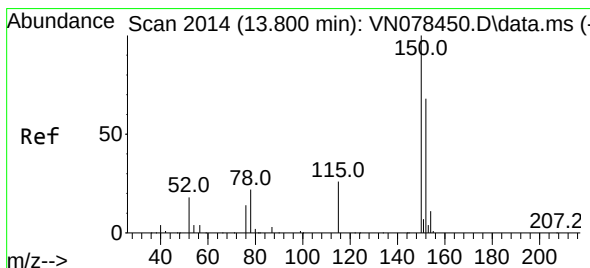
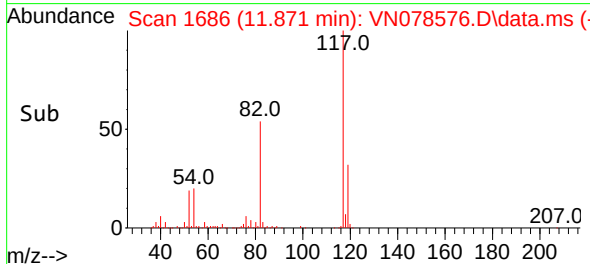
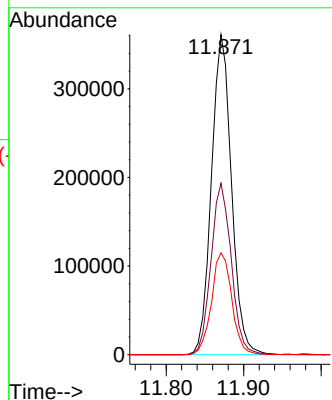
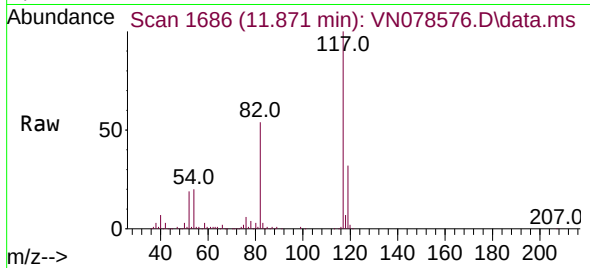




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

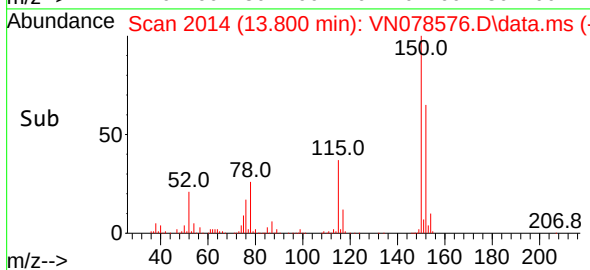
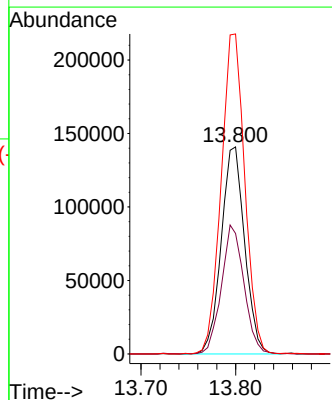
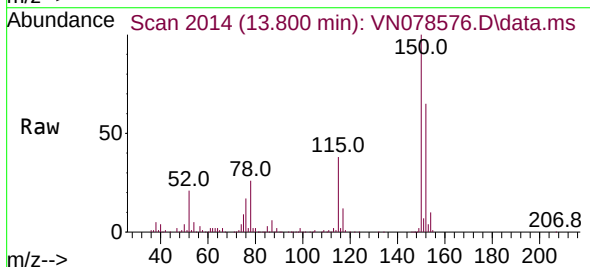
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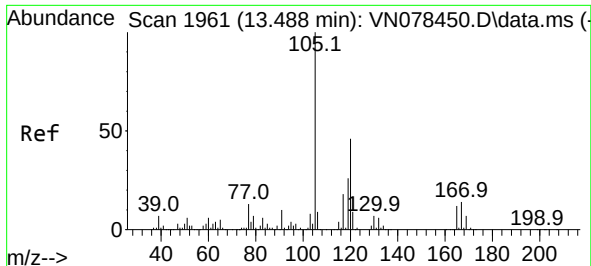
Tgt Ion:117 Resp: 649767
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion:152 Resp: 242364
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 155.8 0.0 355.8

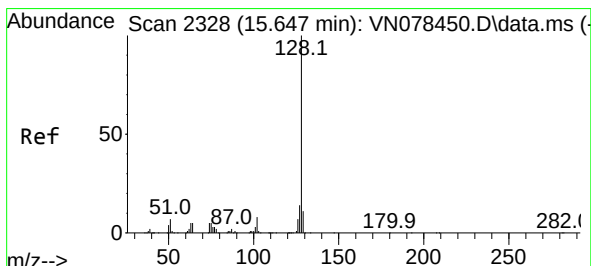
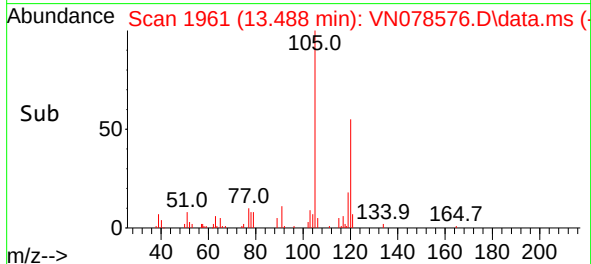
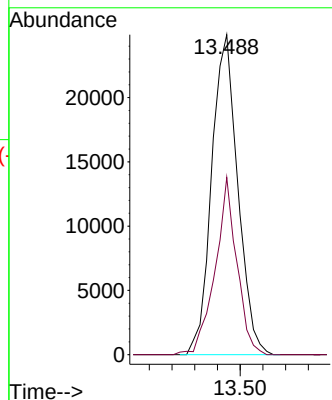
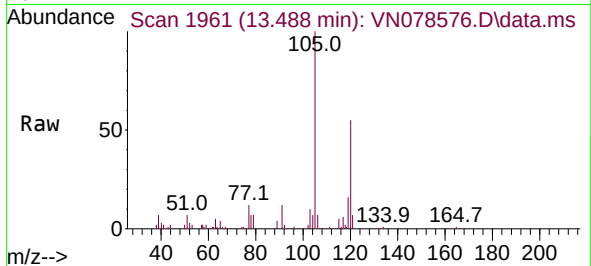




#84
1,2,4-Trimethylbenzene
Concen: 2.272 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
AUD-1007

Tgt Ion:105 Resp: 39710
Ion Ratio Lower Upper
105 100
120 46.1 22.0 66.0



#95
Naphthalene
Concen: 2.189 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078576.D
Acq: 19 Jul 2023 13:24

Tgt Ion:128 Resp: 20783
Ion Ratio Lower Upper
128 100
127 15.7 10.0 15.0#
129 13.3 8.7 13.1#

