

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081116.D
 Acq On : 21 Feb 2024 13:35
 Operator : JC\MD
 Sample : P1540-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1323

Quant Time: Feb 22 04:46:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

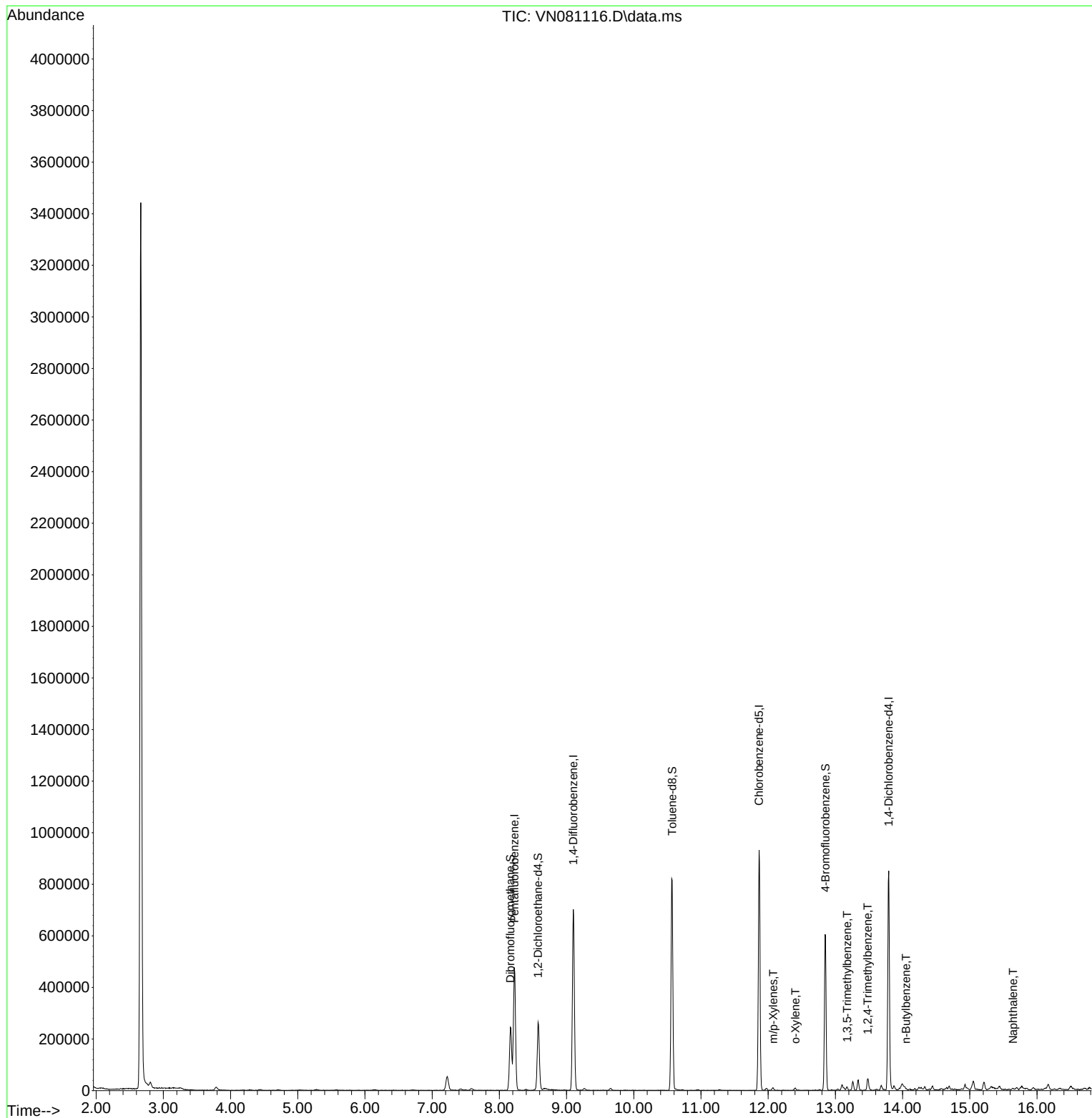
Internal Standards						
1) Pentafluorobenzene	8.224	168	329425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	609830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	528035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	210175	52.052	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.100%	
35) Dibromofluoromethane	8.165	113	171830	49.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.660%	
50) Toluene-d8	10.571	98	580026	47.358	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.720%	
62) 4-Bromofluorobenzene	12.853	95	216080	46.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.900%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	12.076	106	3311	0.422	ug/l	87
69) o-Xylene	12.406	106	2531	0.326	ug/l	64
80) 1,3,5-Trimethylbenzene	13.176	105	5910	0.383	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	25607	1.665	ug/l	93
89) n-Butylbenzene	14.053	91	3782	0.282	ug/l	85
95) Naphthalene	15.647	128	5050	0.319	ug/l #	93

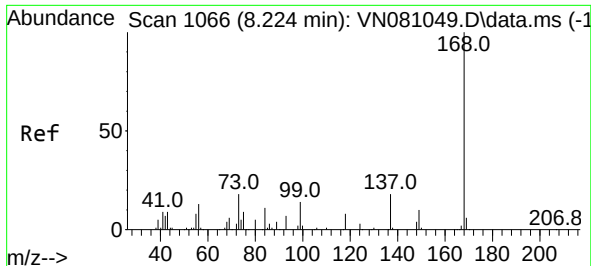
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

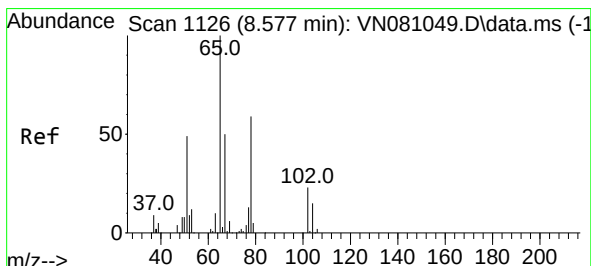
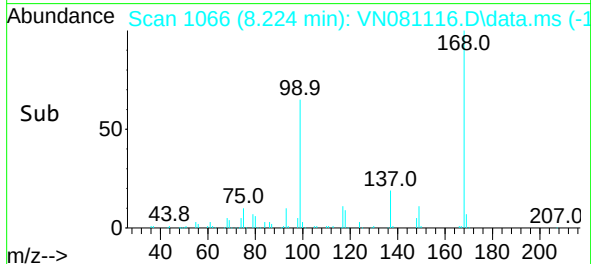
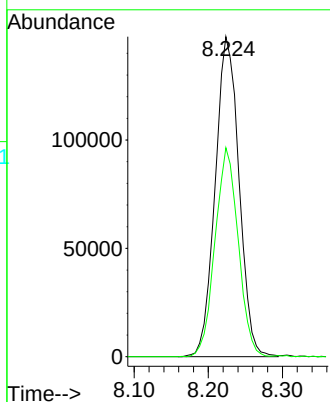
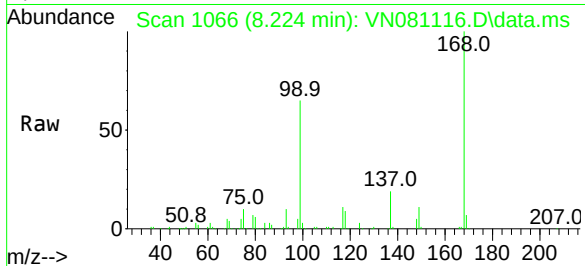




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

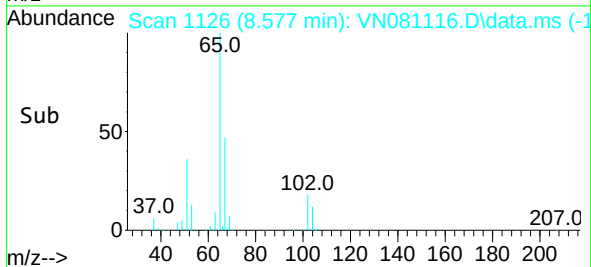
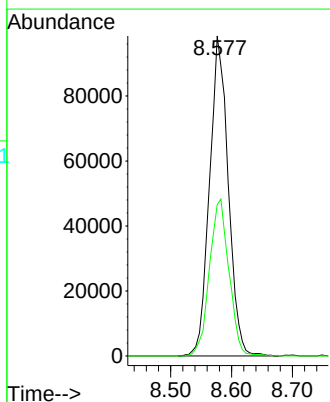
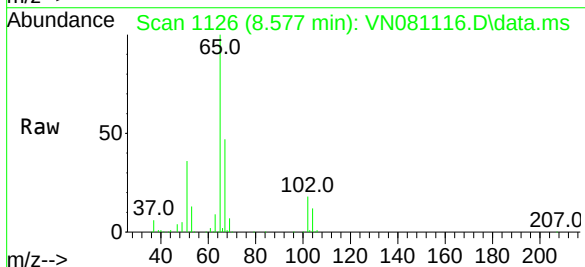
Instrument :
MSVOA_N
ClientSampleId :
AUD-1323

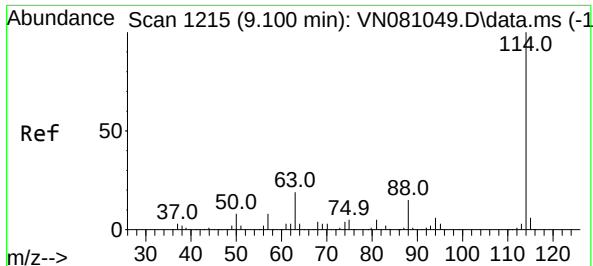
Tgt Ion:168 Resp: 329425
Ion Ratio Lower Upper
168 100
99 65.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.052 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

Tgt Ion: 65 Resp: 210175
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081116.D

Acq: 21 Feb 2024 13:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1323

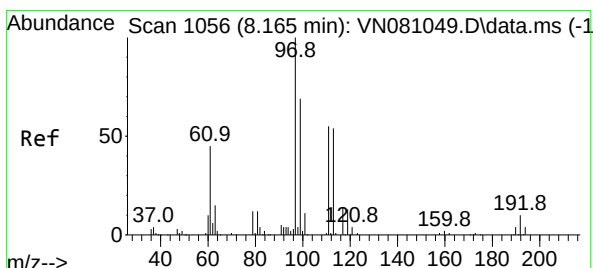
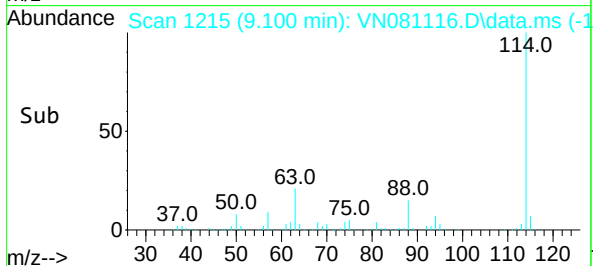
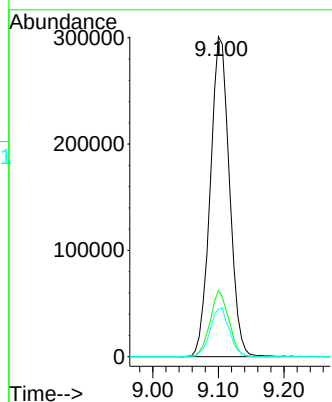
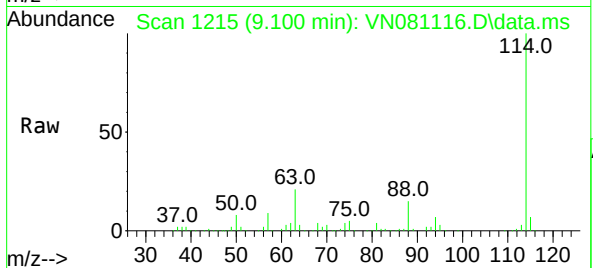
Tgt Ion:114 Resp: 609830

Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 14.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.829 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081116.D

Acq: 21 Feb 2024 13:35

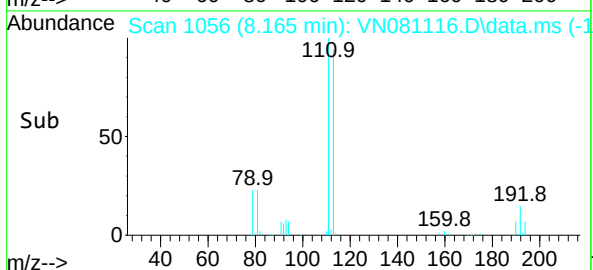
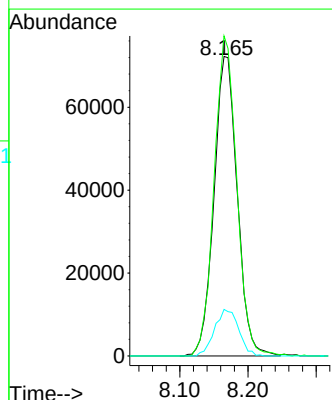
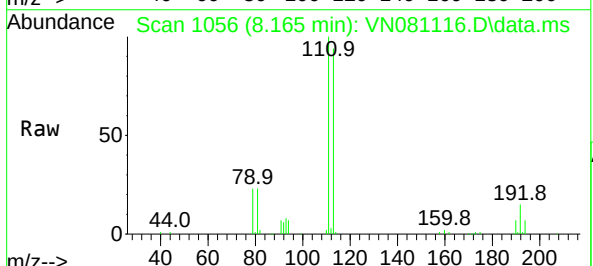
Tgt Ion:113 Resp: 171830

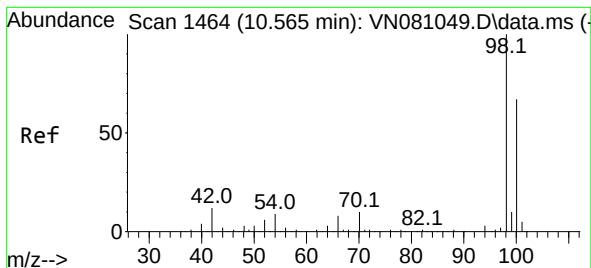
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 16.1 12.5 18.7





#50

Toluene-d8

Concen: 47.358 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081116.D

Acq: 21 Feb 2024 13:35

Instrument :

MSVOA_N

ClientSampleId :

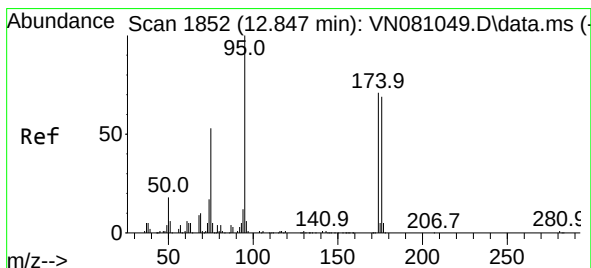
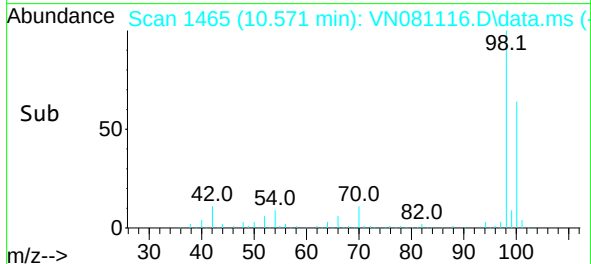
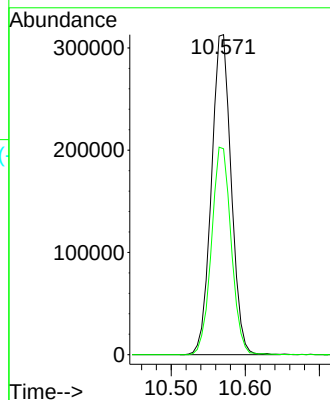
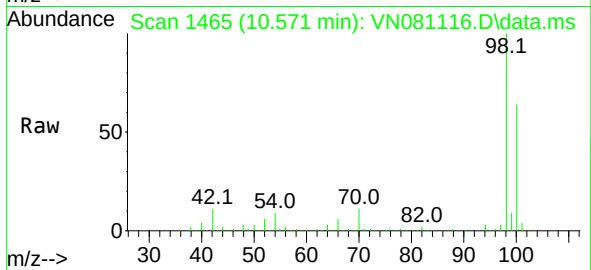
AUD-1323

Tgt Ion: 98 Resp: 580026

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 46.952 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081116.D

Acq: 21 Feb 2024 13:35

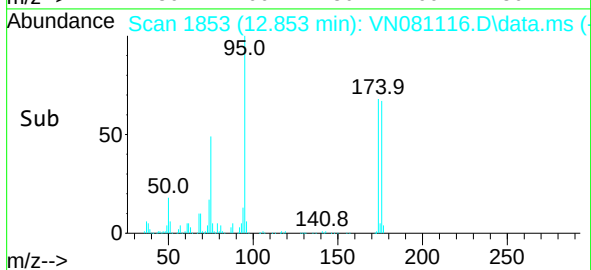
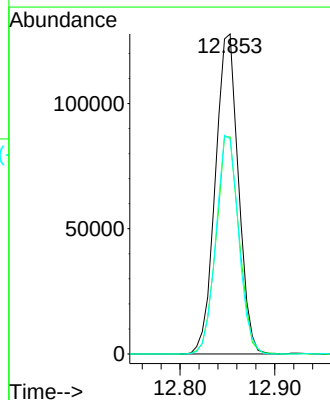
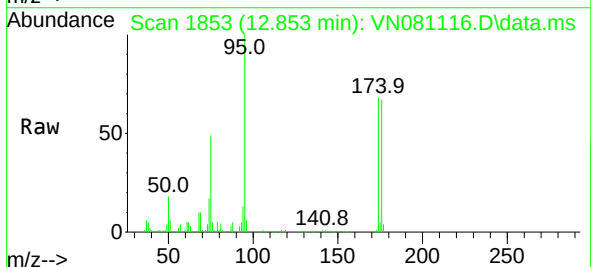
Tgt Ion: 95 Resp: 216080

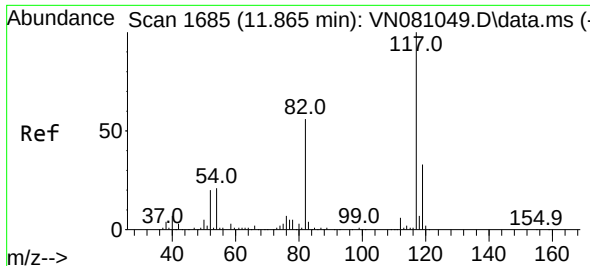
Ion Ratio Lower Upper

95 100

174 67.7 0.0 120.4

176 67.4 0.0 121.0

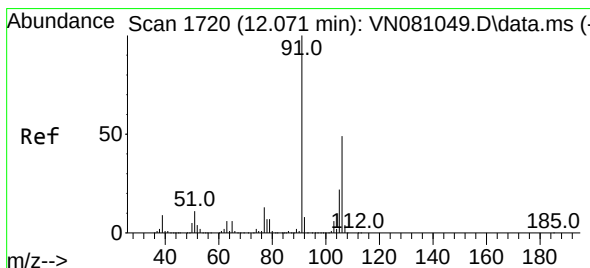
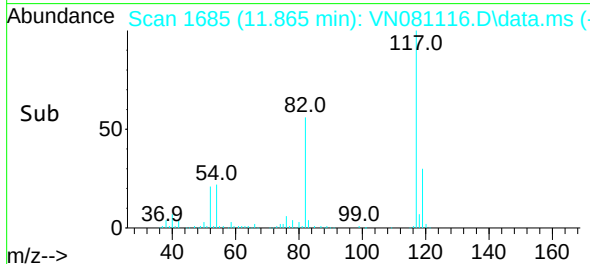
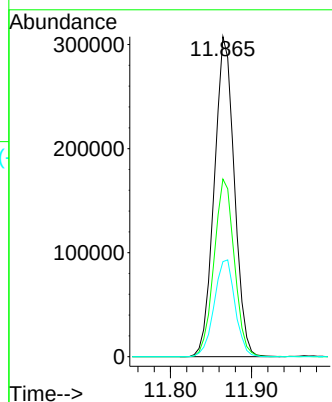
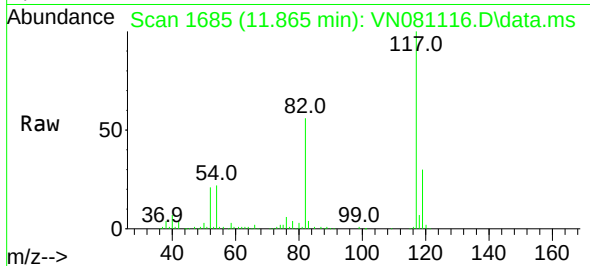




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

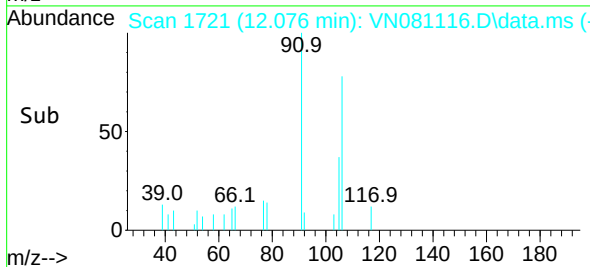
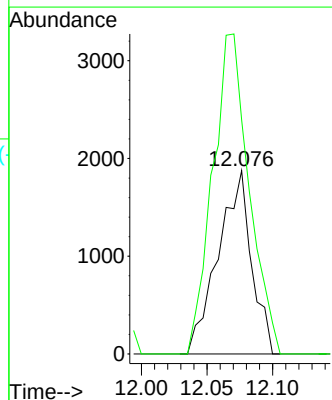
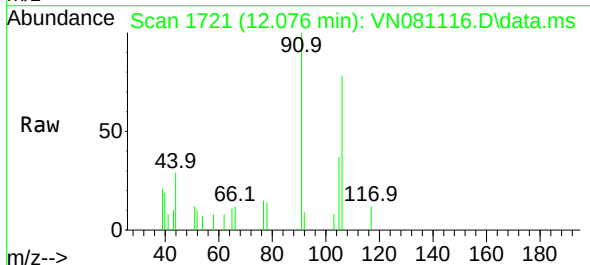
Instrument :
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ClientSampleId :
AUD-1323

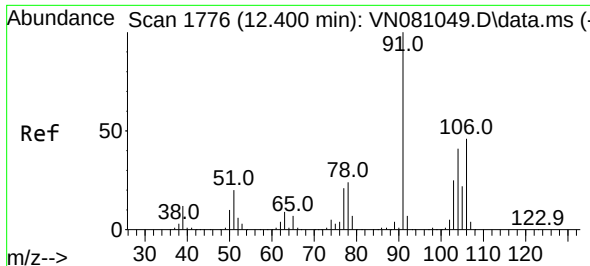
Tgt Ion:117 Resp: 528035
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 29.7 25.3 37.9



#68
m/p-Xylenes
Concen: 0.422 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

Tgt Ion:106 Resp: 3311
Ion Ratio Lower Upper
106 100
91 191.4 169.0 253.6

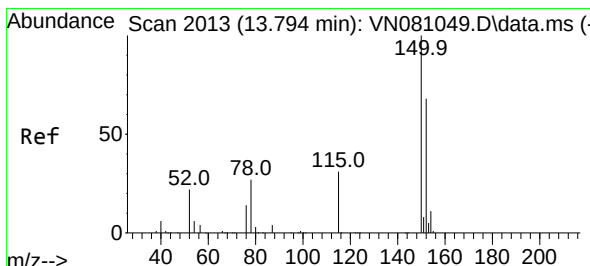
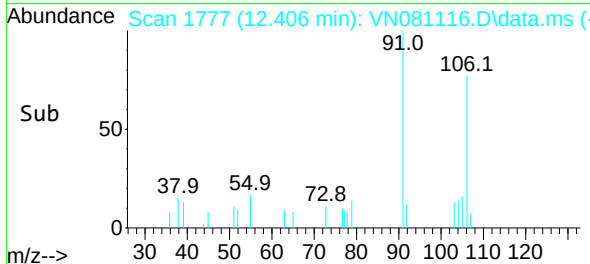
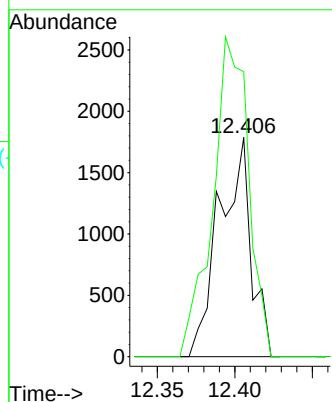
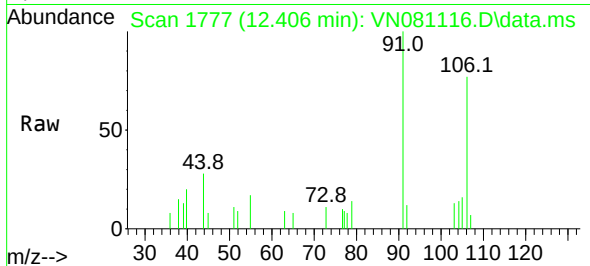




#69
o-Xylene
Concen: 0.326 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

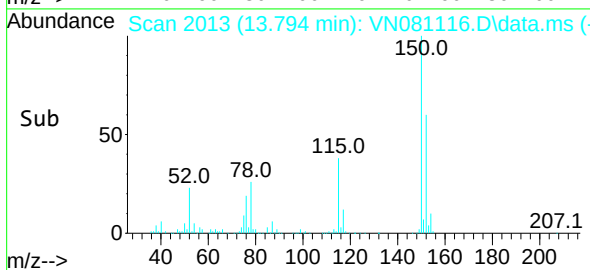
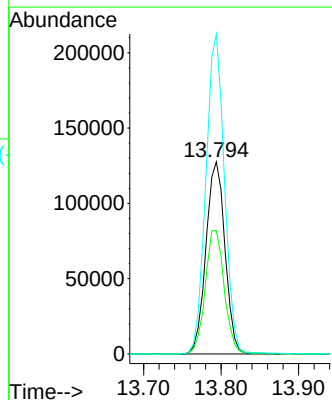
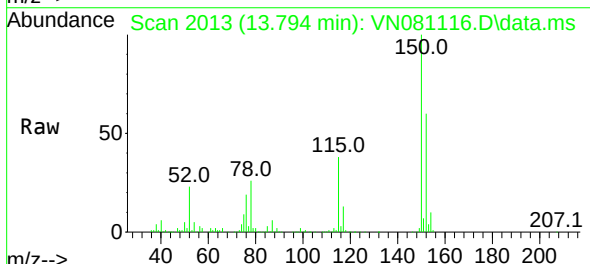
Instrument :
MSVOA_N
ClientSampleId :
AUD-1323

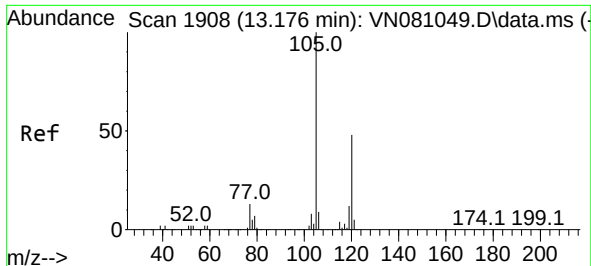
Tgt Ion:106 Resp: 2531
Ion Ratio Lower Upper
106 100
91 165.6 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

Tgt Ion:152 Resp: 217599
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 161.9 0.0 339.8

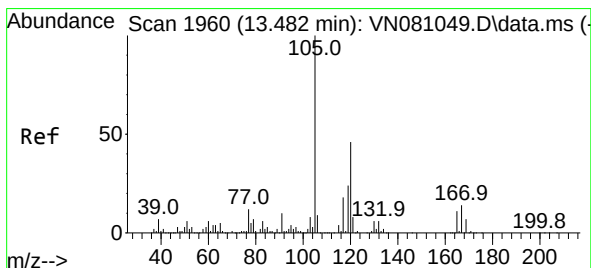
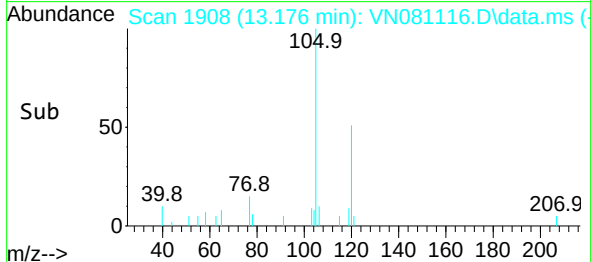
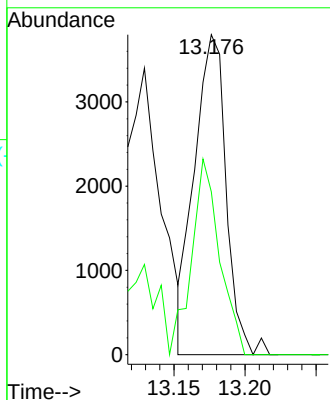
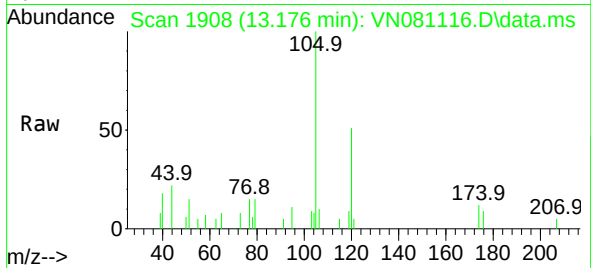




#80
1,3,5-Trimethylbenzene
Concen: 0.383 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

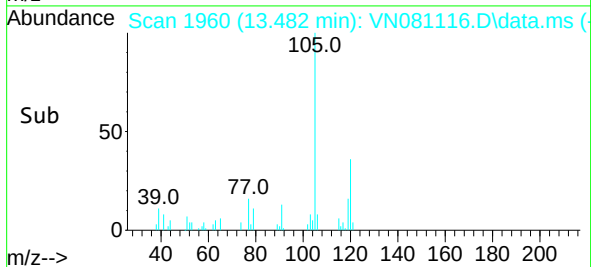
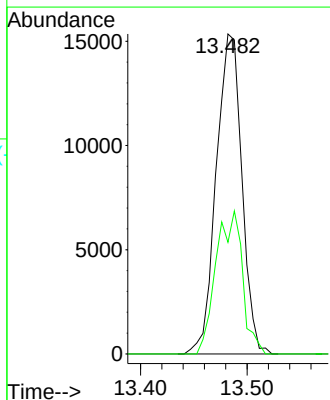
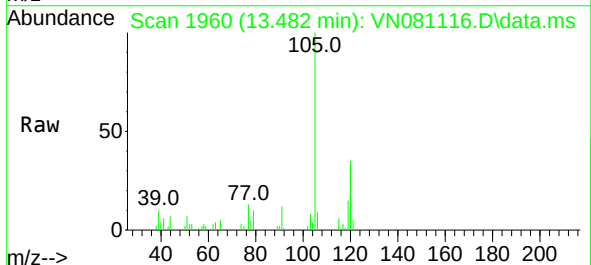
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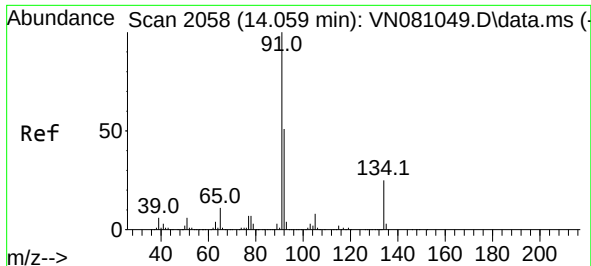
Tgt Ion:105 Resp: 5910
Ion Ratio Lower Upper
105 100
120 53.8 23.0 69.0



#84
1,2,4-Trimethylbenzene
Concen: 1.665 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081116.D
Acq: 21 Feb 2024 13:35

Tgt Ion:105 Resp: 25607
Ion Ratio Lower Upper
105 100
120 46.2 20.9 62.7





#89

n-Butylbenzene

Concen: 0.282 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN081116.D

Acq: 21 Feb 2024 13:35

Instrument :

MSVOA_N

ClientSampleId :

AUD-1323

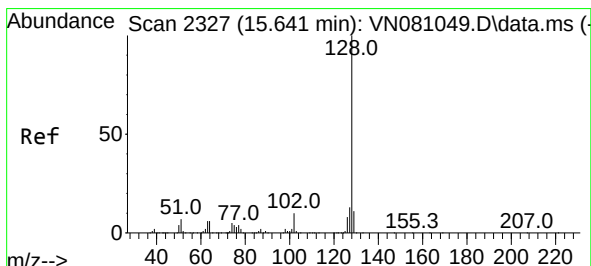
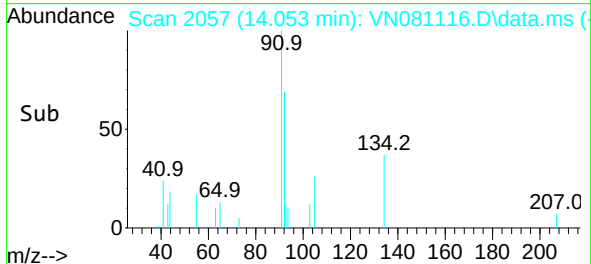
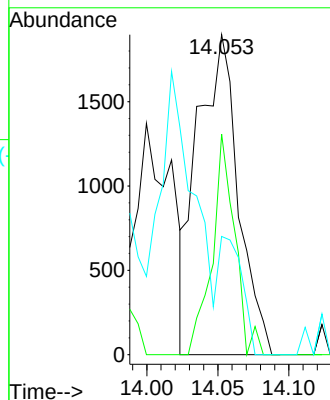
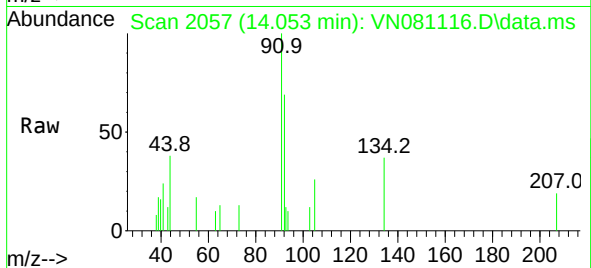
Tgt Ion: 91 Resp: 3782

Ion Ratio Lower Upper

91 100

92 38.2 26.7 80.1

134 21.2 10.8 32.4



#95

Naphthalene

Concen: 0.319 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081116.D

Acq: 21 Feb 2024 13:35

Tgt Ion:128 Resp: 5050

Ion Ratio Lower Upper

128 100

127 15.9 10.0 15.0#

129 8.7 8.7 13.1#

