

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081259.D
 Acq On : 28 Feb 2024 21:41
 Operator : JC\MD
 Sample : P1587-15 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 124

Quant Time: Feb 28 23:34:00 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)

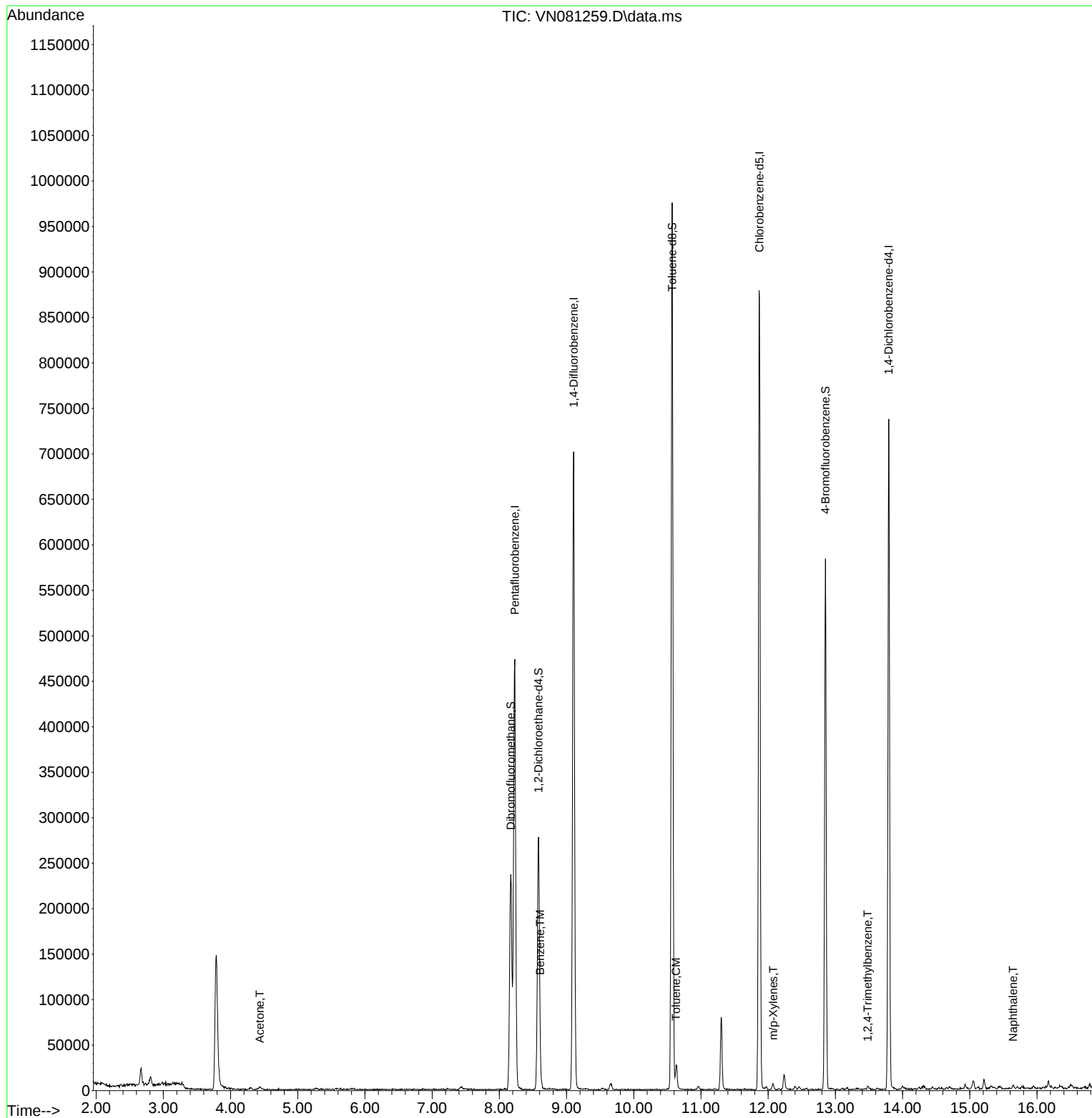
Internal Standards						
1) Pentafluorobenzene	8.230	168	321996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	591778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216424	54.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.680%	
35) Dibromofluoromethane	8.171	113	173611	51.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.760%	
50) Toluene-d8	10.571	98	646728	54.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.820%	
62) 4-Bromofluorobenzene	12.853	95	196905	44.091	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.180%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	6006	3.867	ug/l	92
40) Benzene	8.606	78	8898	0.536	ug/l	95
52) Toluene	10.629	92	11522	1.097	ug/l	94
68) m/p-Xylenes	12.076	106	2465	0.323	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.482	105	3214	0.241	ug/l	100
95) Naphthalene	15.647	128	3837	0.279	ug/l #	90

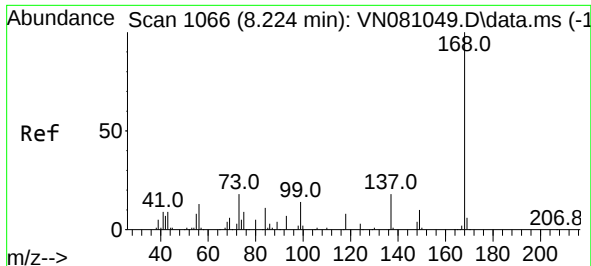
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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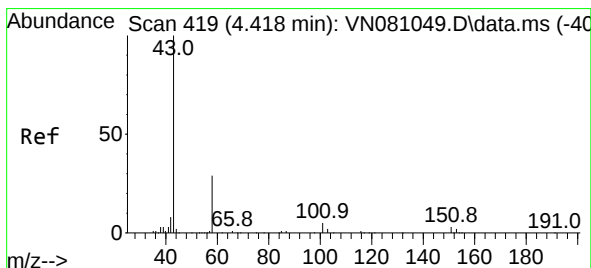
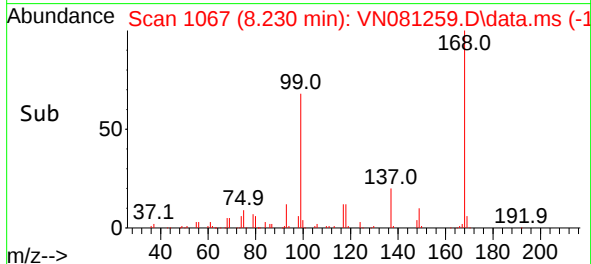
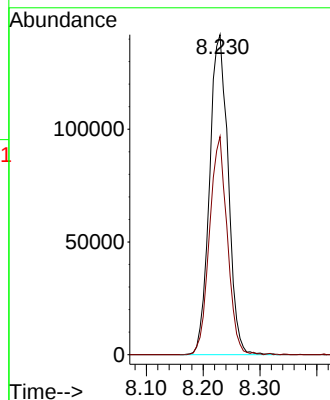
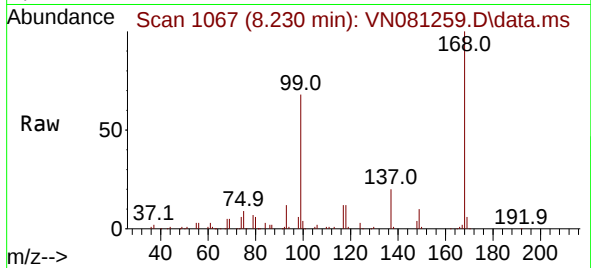




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

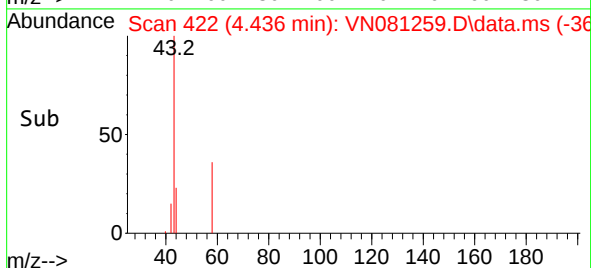
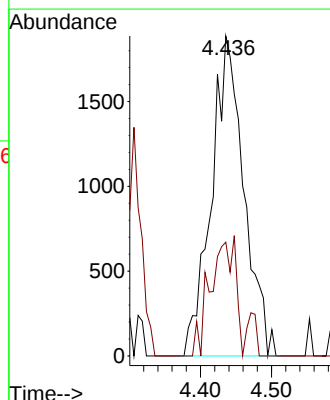
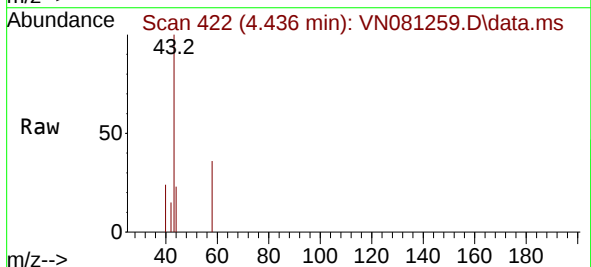
Instrument :
MSVOA_N
ClientSampleId :
124

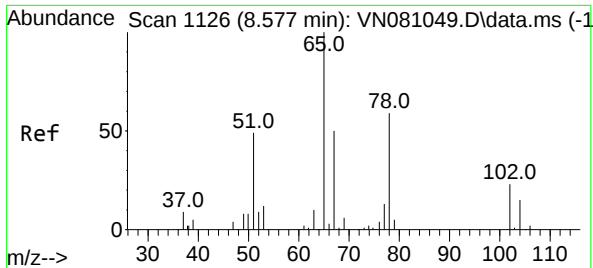
Tgt Ion:168 Resp: 321996
Ion Ratio Lower Upper
168 100
99 68.2 59.9 89.9



#16
Acetone
Concen: 3.867 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

Tgt Ion: 43 Resp: 6006
Ion Ratio Lower Upper
43 100
58 35.6 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 54.836 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081259.D

Acq: 28 Feb 2024 21:41

Instrument :

MSVOA_N

ClientSampleId :

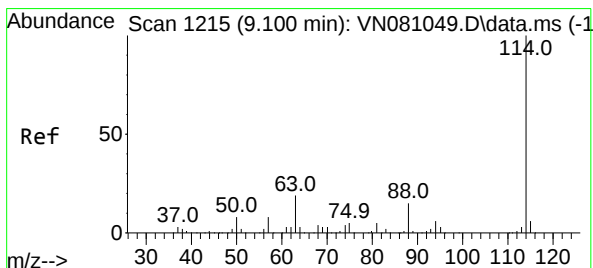
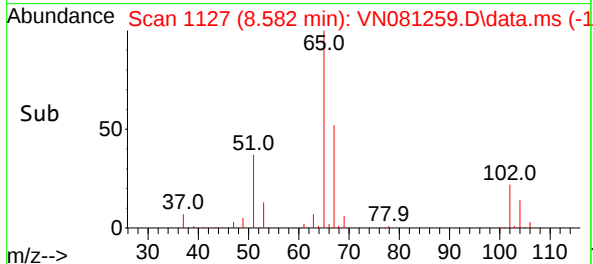
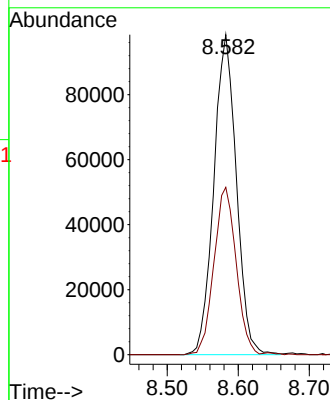
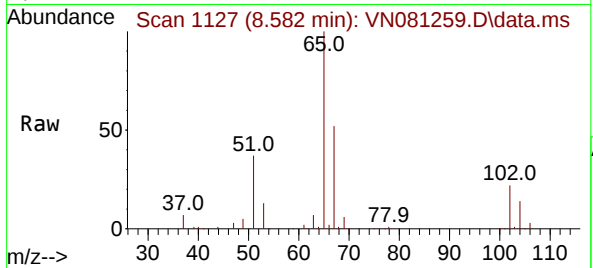
124

Tgt Ion: 65 Resp: 216424

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081259.D

Acq: 28 Feb 2024 21:41

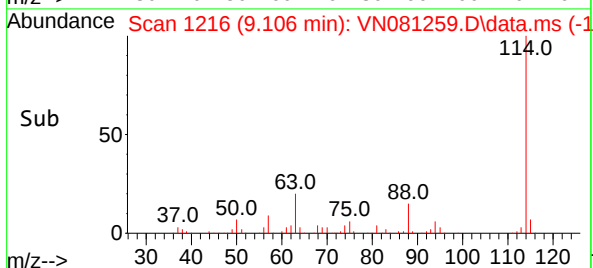
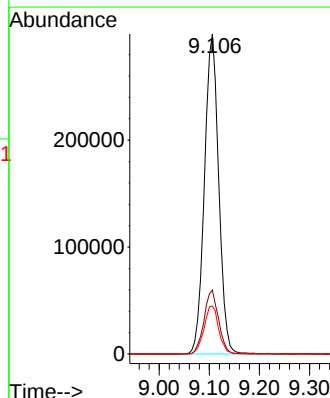
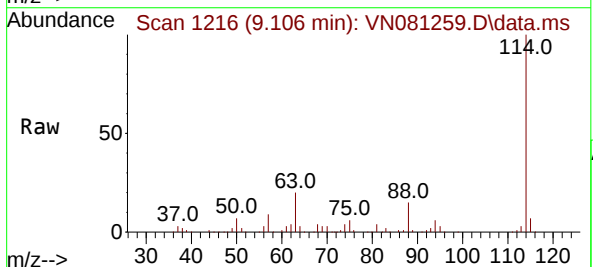
Tgt Ion: 114 Resp: 591778

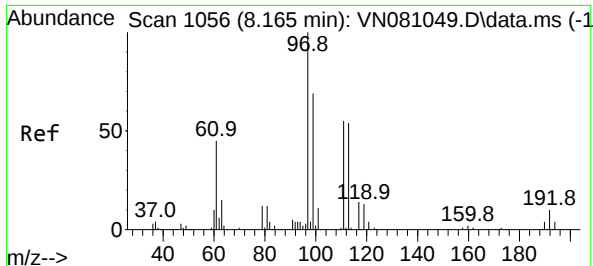
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.881 ug/l

RT: 8.171 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN081259.D

Acq: 28 Feb 2024 21:41

Instrument :

MSVOA_N

ClientSampleId :

124

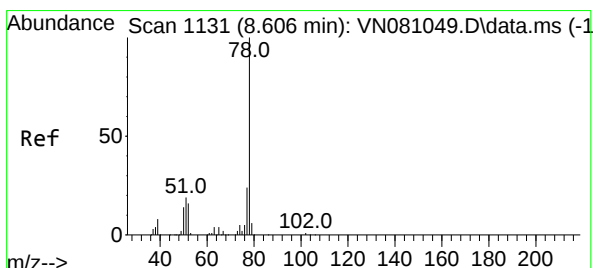
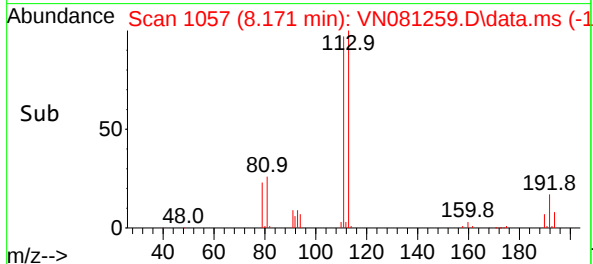
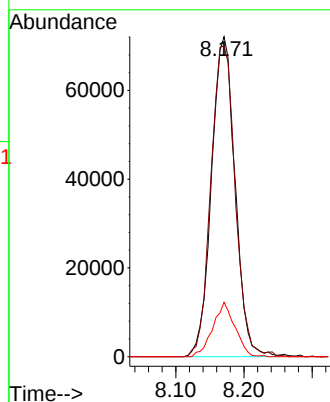
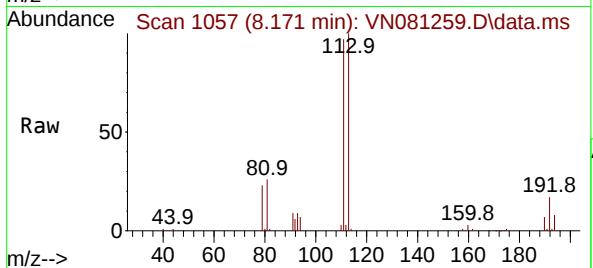
Tgt Ion:113 Resp: 173611

Ion Ratio Lower Upper

113 100

111 100.6 82.2 123.4

192 16.0 12.5 18.7



#40

Benzene

Concen: 0.536 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081259.D

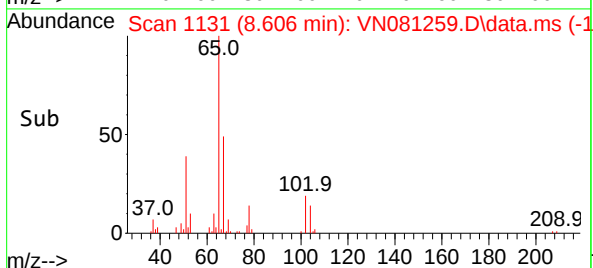
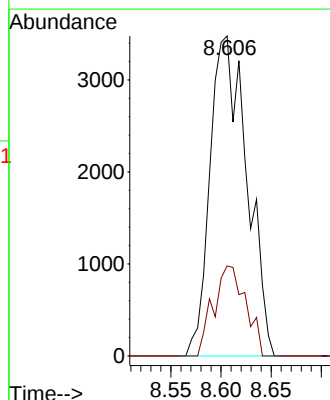
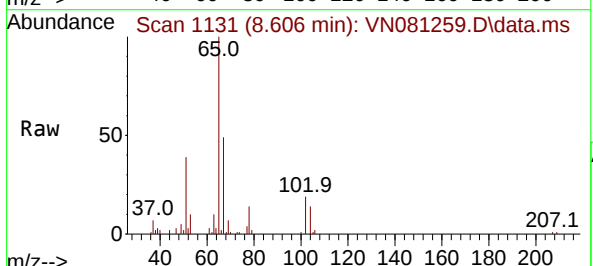
Acq: 28 Feb 2024 21:41

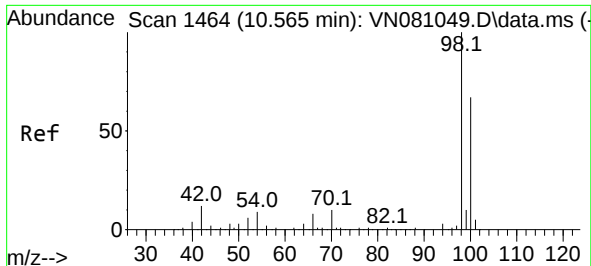
Tgt Ion: 78 Resp: 8898

Ion Ratio Lower Upper

78 100

77 28.1 20.4 30.6

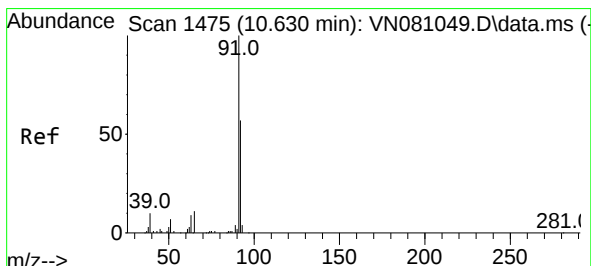
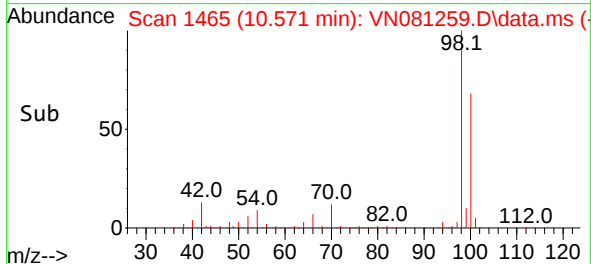
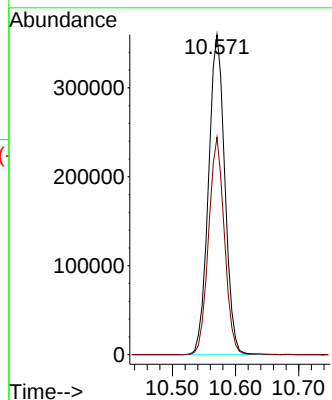
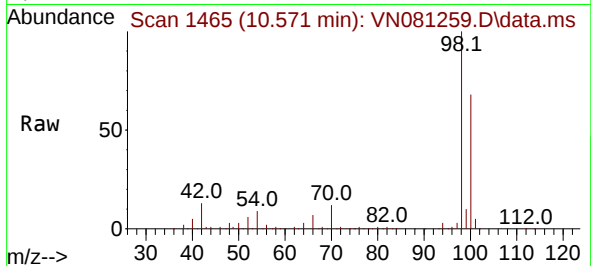




#50
Toluene-d8
Concen: 54.414 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

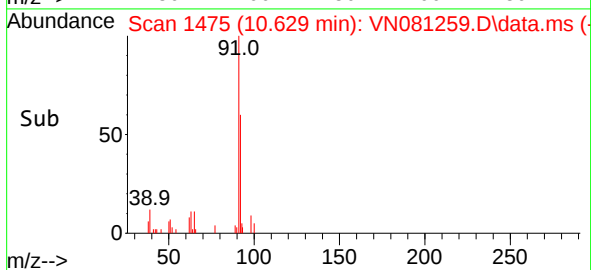
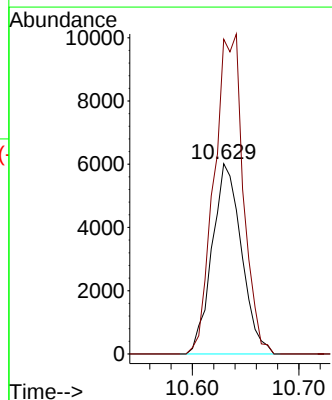
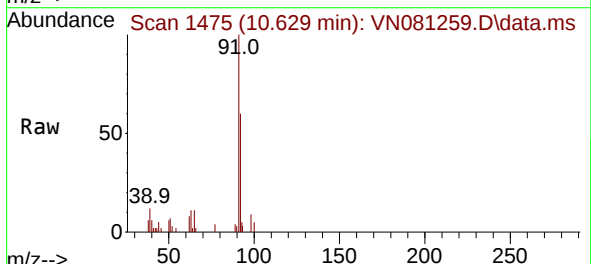
Instrument :
MSVOA_N
ClientSampleId :
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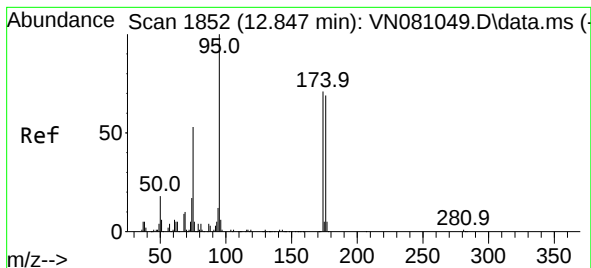
Tgt Ion: 98 Resp: 646728
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0



#52
Toluene
Concen: 1.097 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

Tgt Ion: 92 Resp: 11522
Ion Ratio Lower Upper
92 100
91 166.4 139.4 209.0

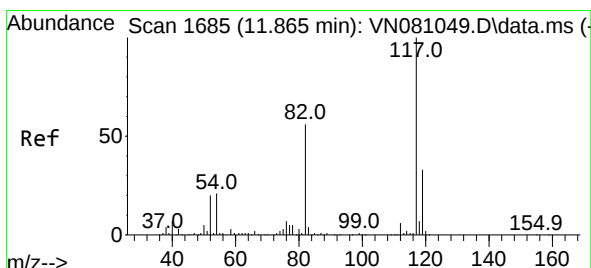
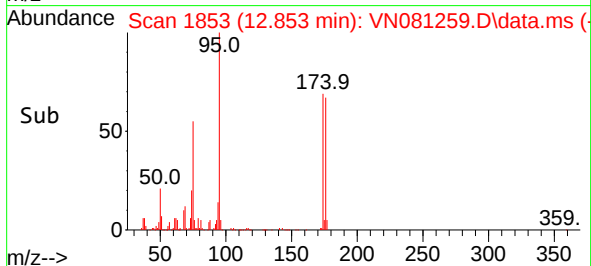
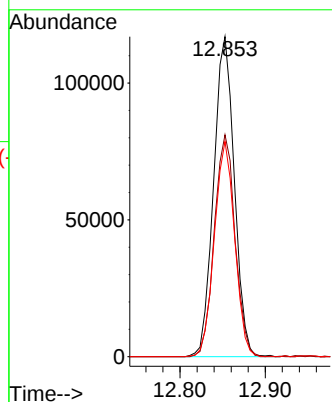
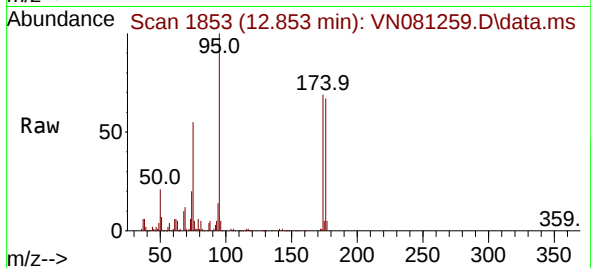




#62
4-Bromofluorobenzene
Concen: 44.091 ug/l
RT: 12.853 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

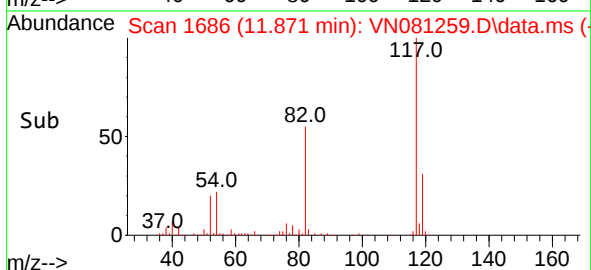
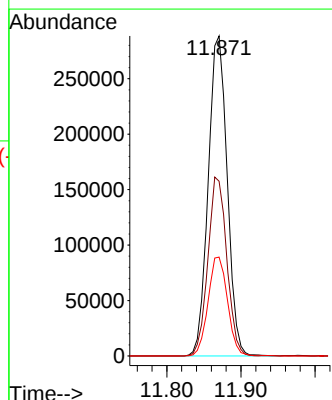
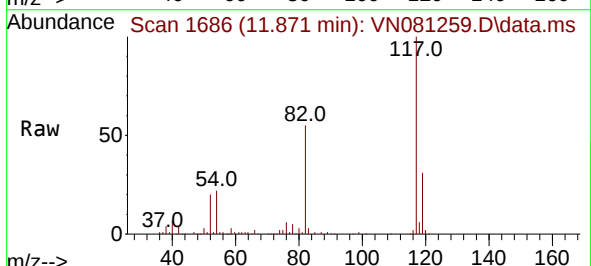
Instrument :
MSVOA_N
ClientSampleId :
124

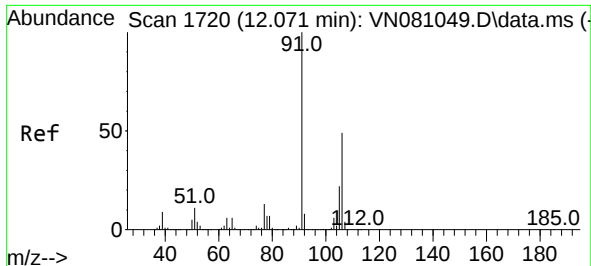
Tgt Ion: 95 Resp: 196905
Ion Ratio Lower Upper
95 100
174 69.7 0.0 120.4
176 66.0 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

Tgt Ion: 117 Resp: 513332
Ion Ratio Lower Upper
117 100
82 54.6 52.7 79.1
119 30.9 25.3 37.9

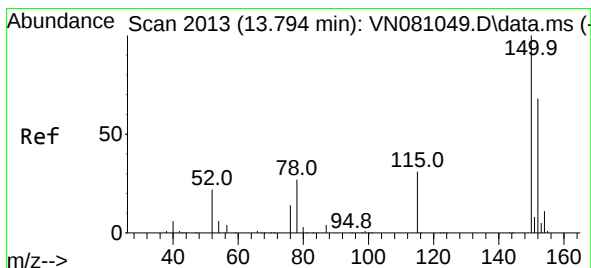
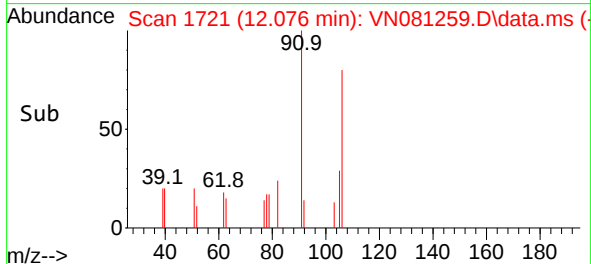
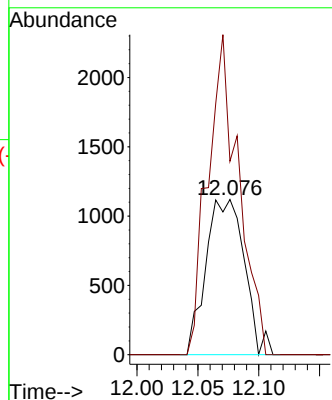
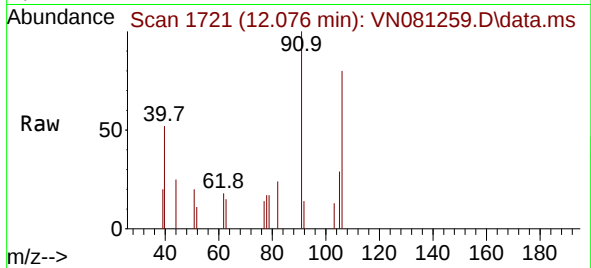




#68
m/p-Xylenes
Concen: 0.323 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

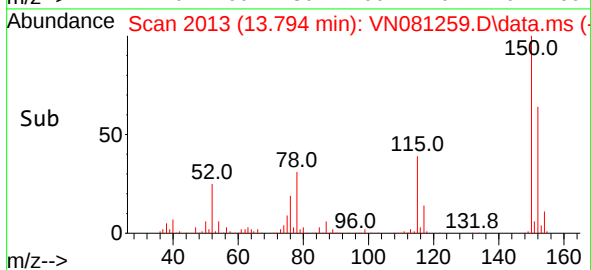
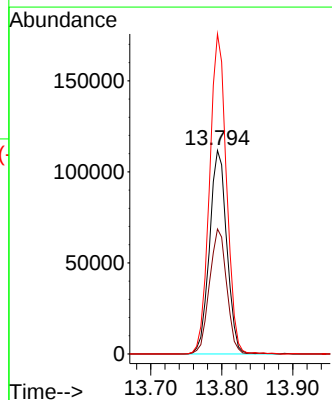
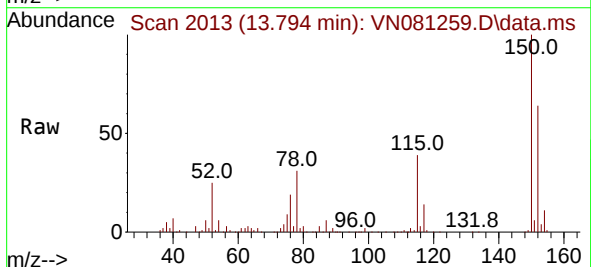
Instrument :
MSVOA_N
ClientSampleId :
124

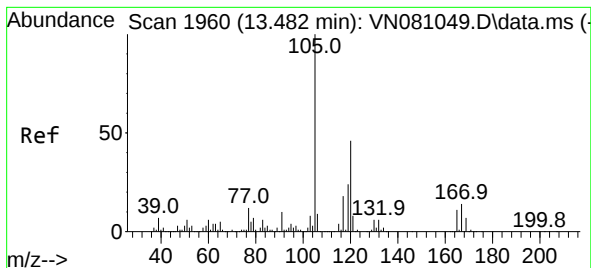
Tgt Ion:106 Resp: 2465
Ion Ratio Lower Upper
106 100
91 165.4 169.0 253.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081259.D
Acq: 28 Feb 2024 21:41

Tgt Ion:152 Resp: 189045
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 154.3 0.0 339.8





#84

1,2,4-Trimethylbenzene

Concen: 0.241 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081259.D

Acq: 28 Feb 2024 21:41

Instrument :

MSVOA_N

ClientSampleId :

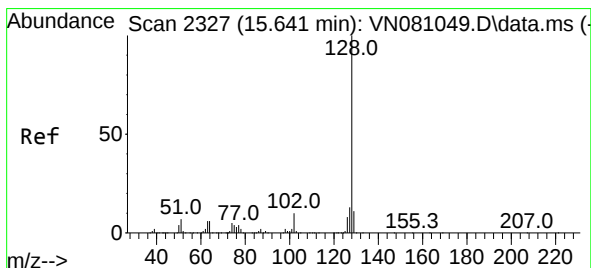
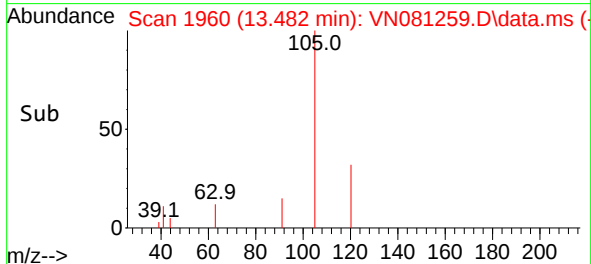
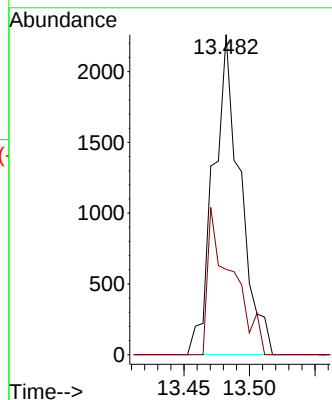
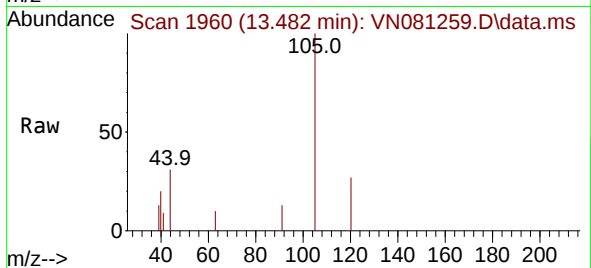
124

Tgt Ion:105 Resp: 3214

Ion Ratio Lower Upper

105 100

120 41.7 20.9 62.7



#95

Naphthalene

Concen: 0.279 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081259.D

Acq: 28 Feb 2024 21:41

Tgt Ion:128 Resp: 3837

Ion Ratio Lower Upper

128 100

127 7.5 10.0 15.0#

129 8.0 8.7 13.1#

