

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081518.D
 Acq On : 21 Mar 2024 14:38
 Operator : JC\MD
 Sample : P1798-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-1

Quant Time: Mar 22 05:06:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

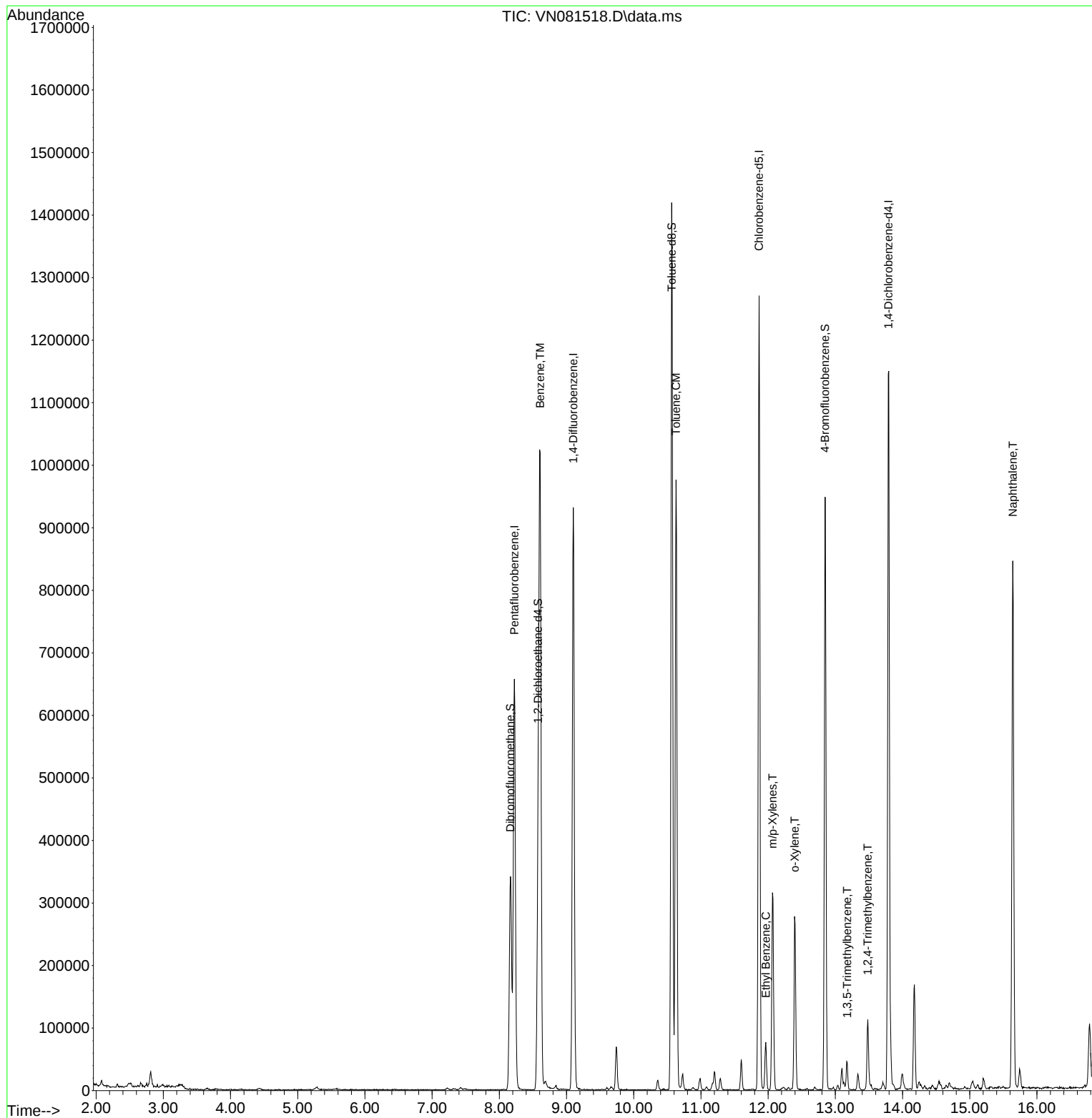
Internal Standards						
1) Pentafluorobenzene	8.224	168	474999	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	835138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	738189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	311843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	297192	49.062	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	8.165	113	249123	47.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	10.565	98	985654	51.734	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.847	95	327358	48.762	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.520%
Target Compounds						
						Qvalue
40) Benzene	8.606	78	1008583	38.894	ug/l	97
52) Toluene	10.630	92	442230	26.831	ug/l	99
67) Ethyl Benzene	11.965	91	53062	1.750	ug/l	100
68) m/p-Xylenes	12.065	106	104171	9.167	ug/l	92
69) o-Xylene	12.394	106	74904	6.714	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	23178	1.056	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	64250	2.912	ug/l	99
95) Naphthalene	15.641	128	792085	36.408	ug/l	99

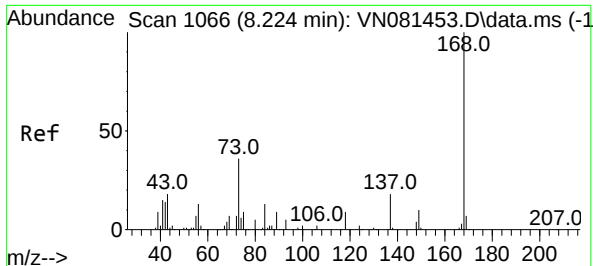
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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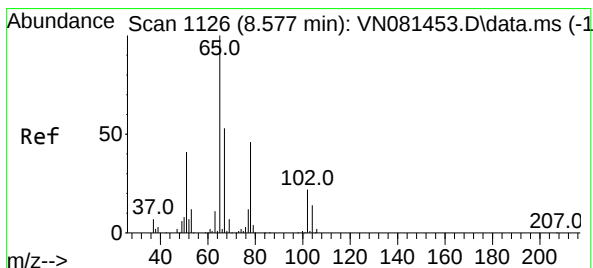
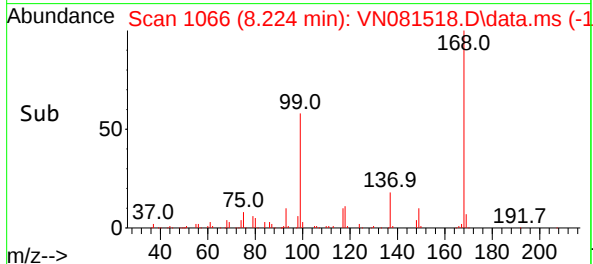
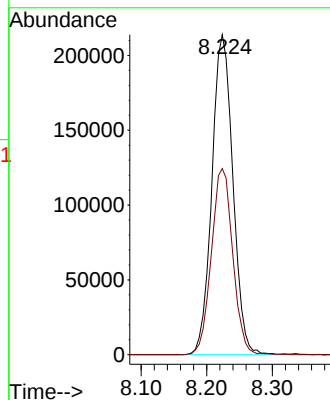
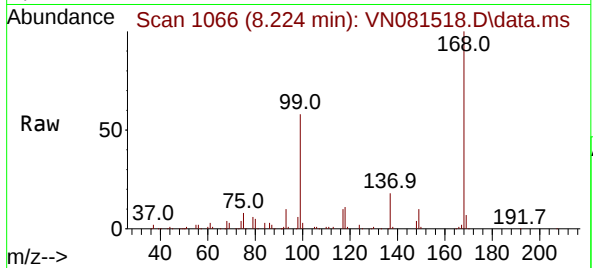




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

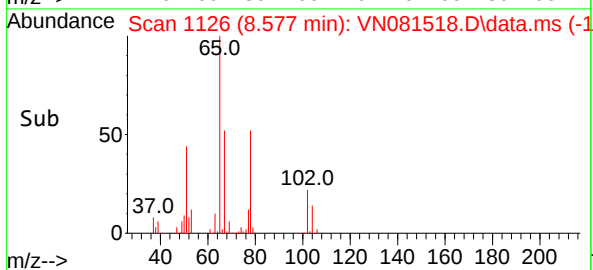
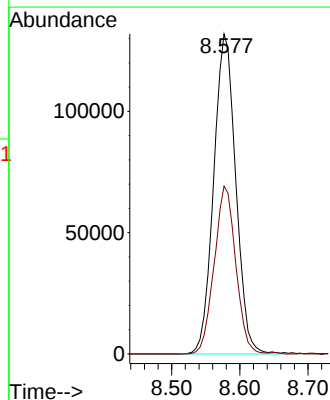
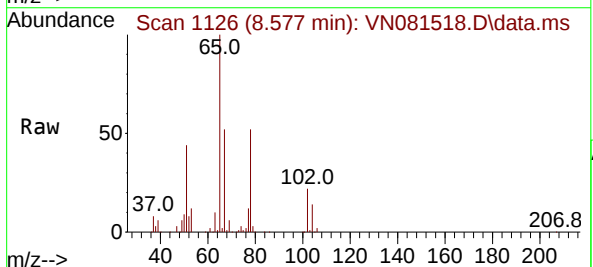
Instrument :
MSVOA_N
ClientSampleId :
S-1

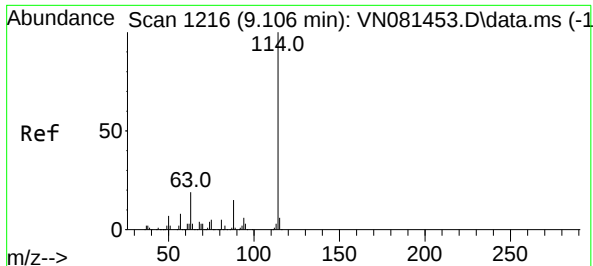
Tgt Ion:168 Resp: 474999
Ion Ratio Lower Upper
168 100
99 58.2 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 49.062 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

Tgt Ion: 65 Resp: 297192
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# 11

Delta R.T. -0.006 min

Lab File: VN081518.D

Acq: 21 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

S-1

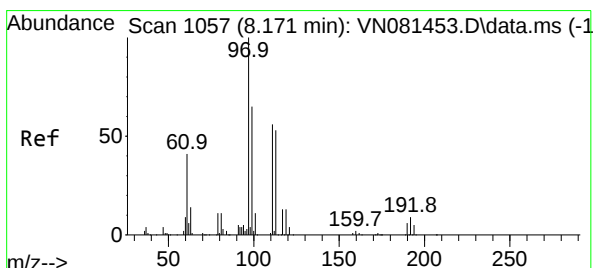
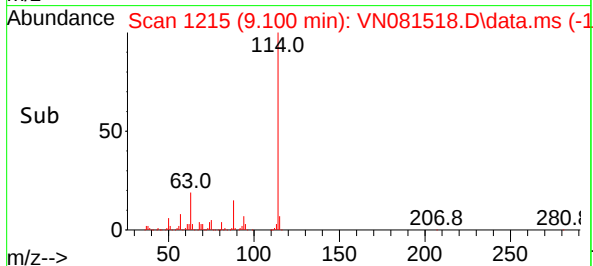
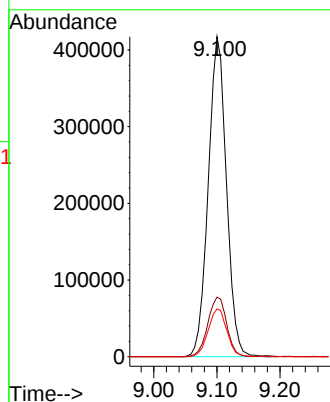
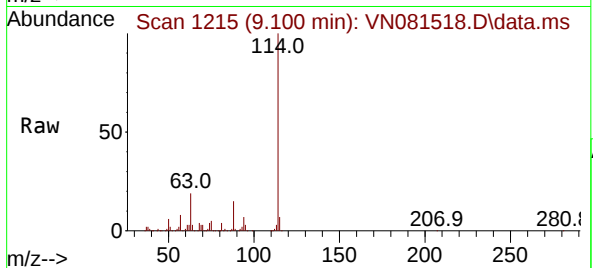
Tgt Ion:114 Resp: 835138

Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 14.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.267 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081518.D

Acq: 21 Mar 2024 14:38

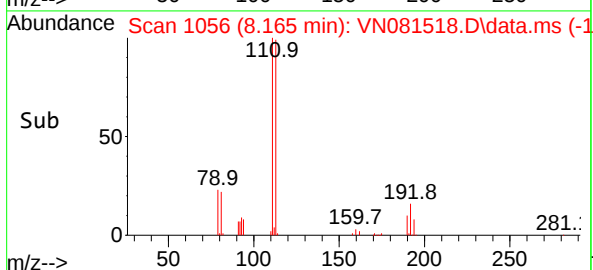
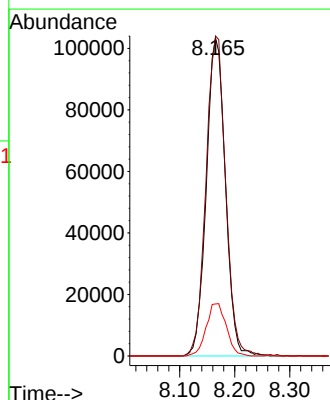
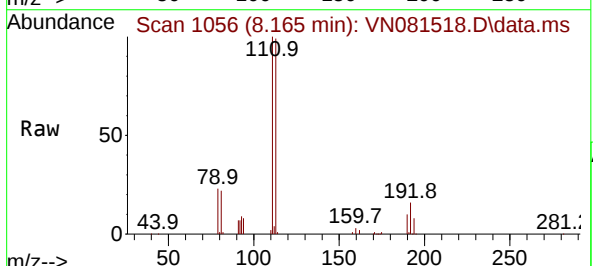
Tgt Ion:113 Resp: 249123

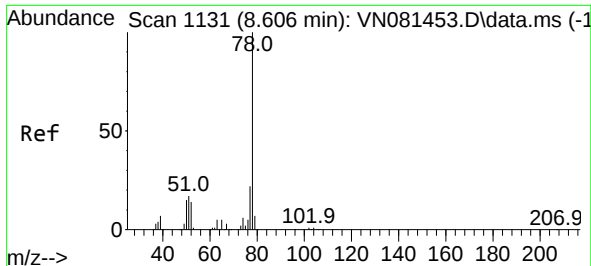
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 17.4 12.5 18.7

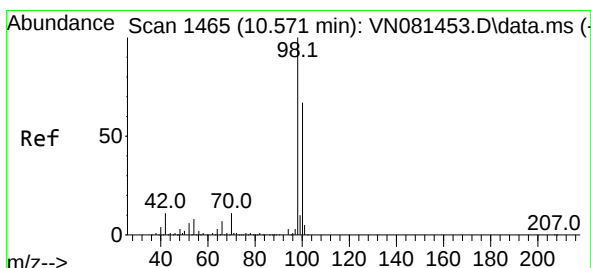
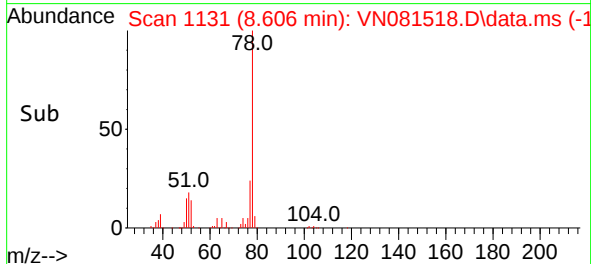
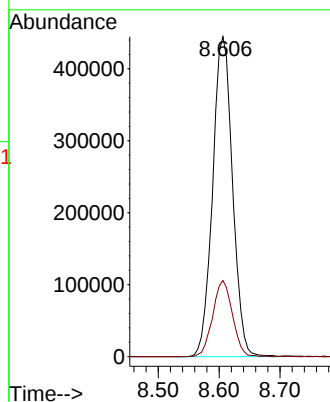
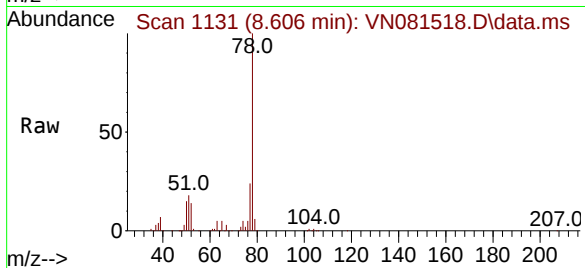




#40
Benzene
Concen: 38.894 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

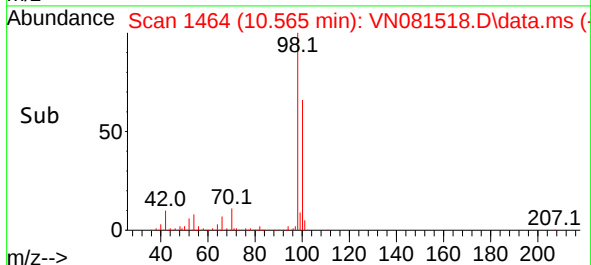
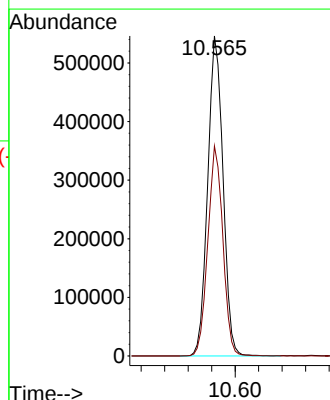
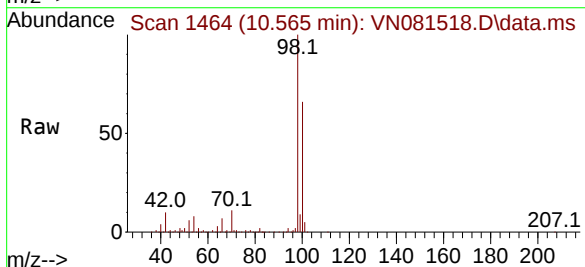
Instrument :
MSVOA_N
ClientSampleId :
S-1

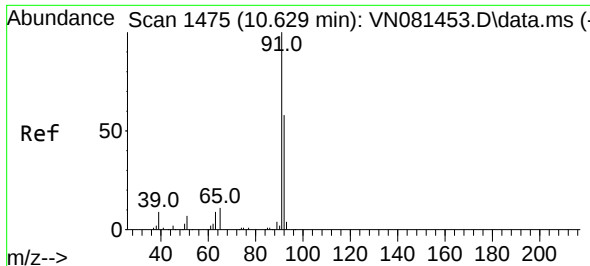
Tgt Ion: 78 Resp: 1008583
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6



#50
Toluene-d8
Concen: 51.734 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

Tgt Ion: 98 Resp: 985654
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

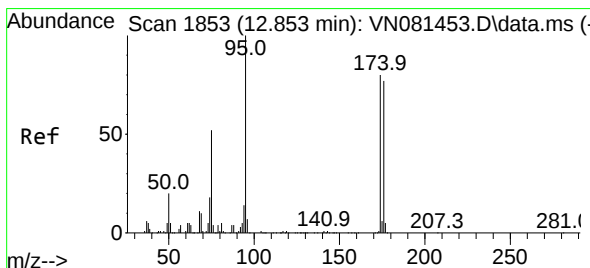
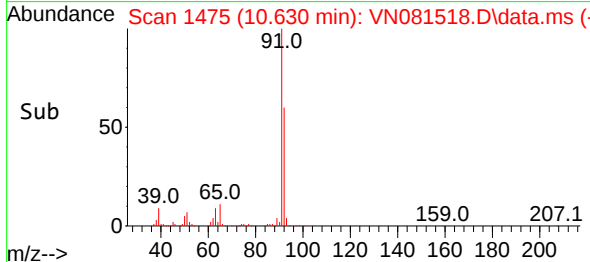
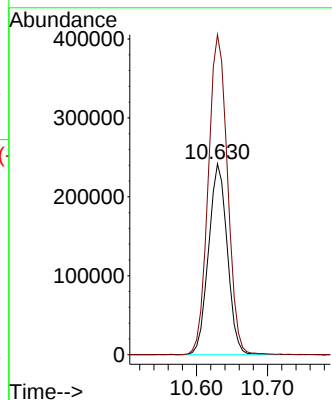
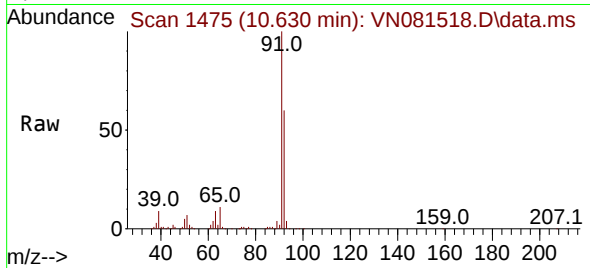




#52
Toluene
Concen: 26.831 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

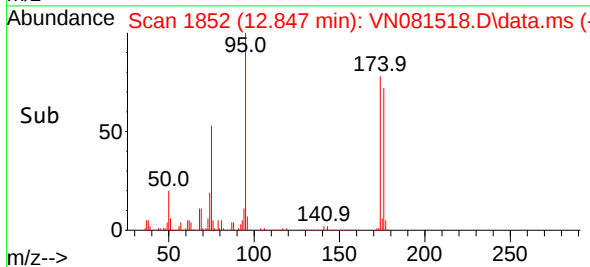
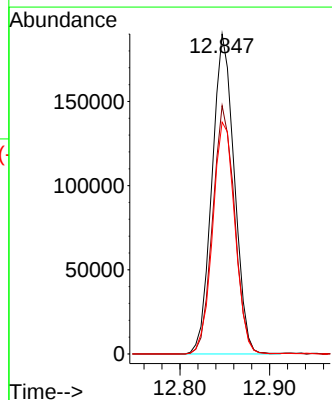
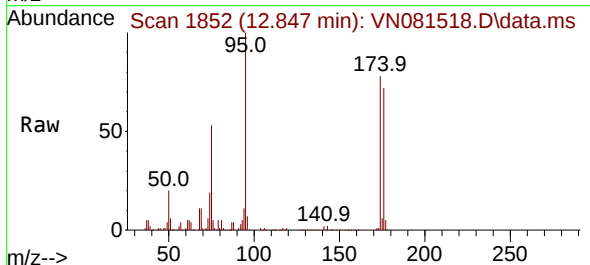
Instrument :
MSVOA_N
ClientSampleId :
S-1

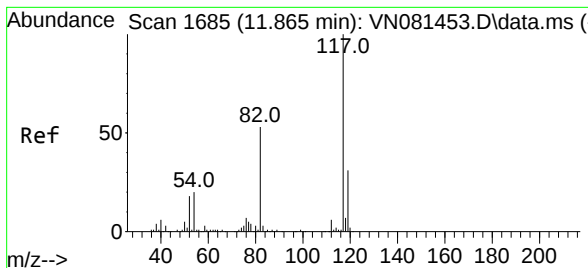
Tgt Ion: 92 Resp: 442230
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 48.762 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

Tgt Ion: 95 Resp: 327358
Ion Ratio Lower Upper
95 100
174 76.2 0.0 120.4
176 72.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081518.D

Acq: 21 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

S-1

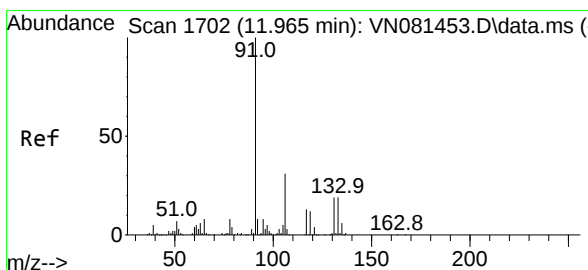
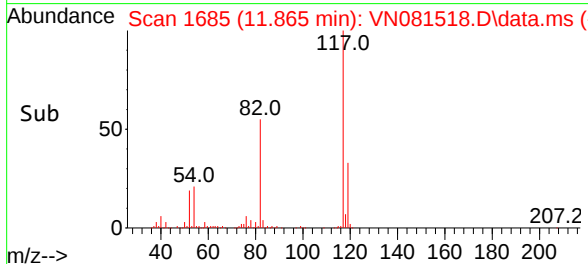
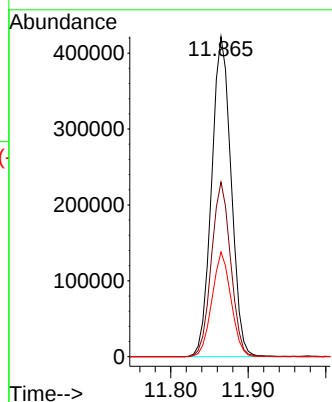
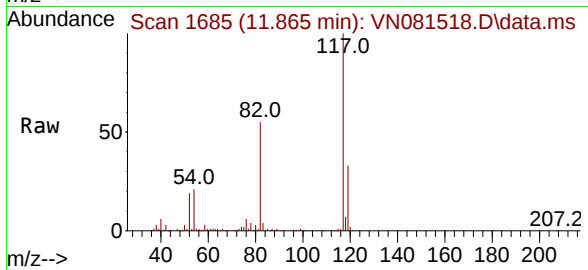
Tgt Ion:117 Resp: 738189

Ion Ratio Lower Upper

117 100

82 54.5 52.7 79.1

119 32.7 25.3 37.9



#67

Ethyl Benzene

Concen: 1.750 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081518.D

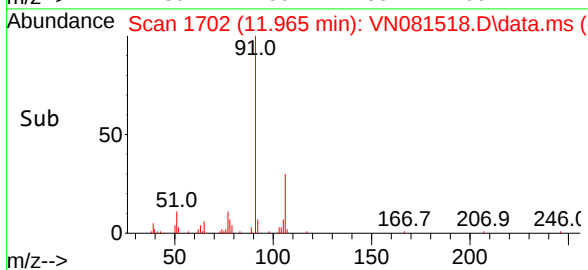
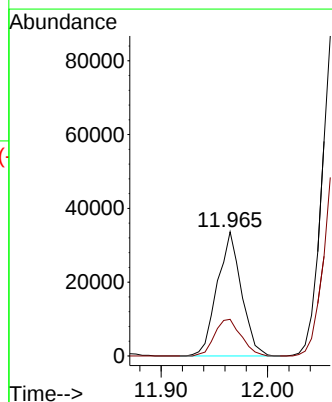
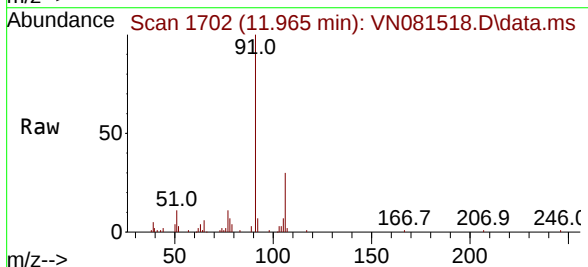
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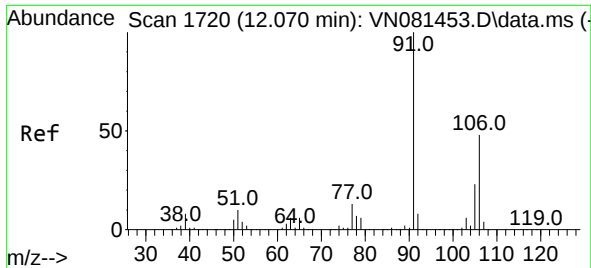
Tgt Ion: 91 Resp: 53062

Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.6

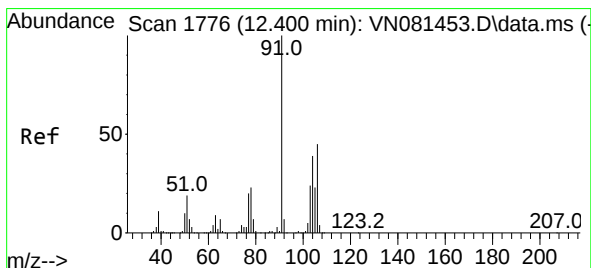
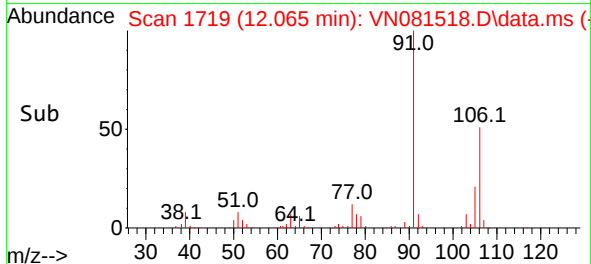
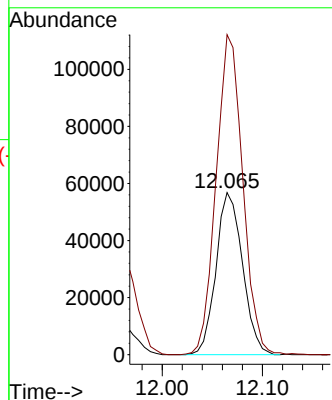
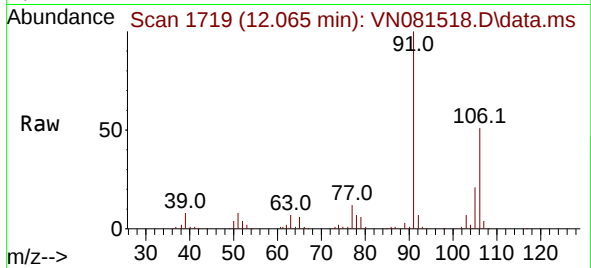




#68
m/p-Xylenes
Concen: 9.167 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

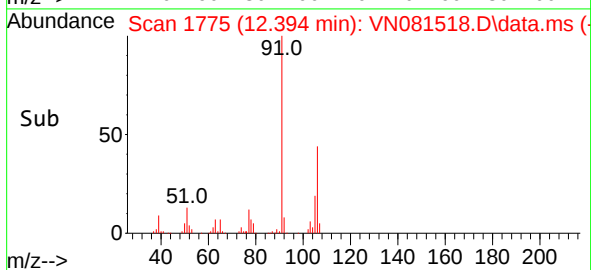
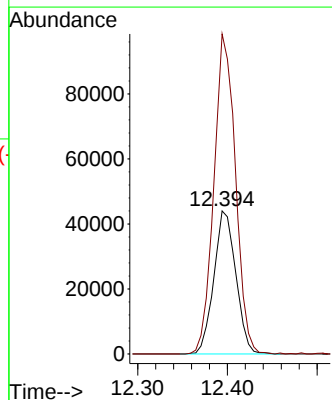
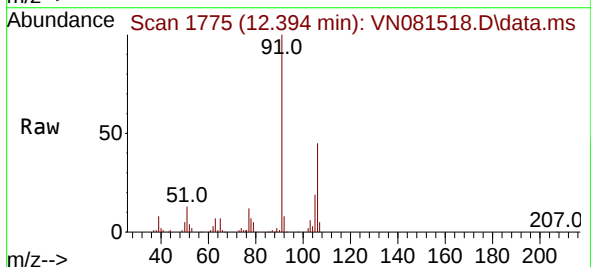
Instrument :
MSVOA_N
ClientSampleId :
S-1

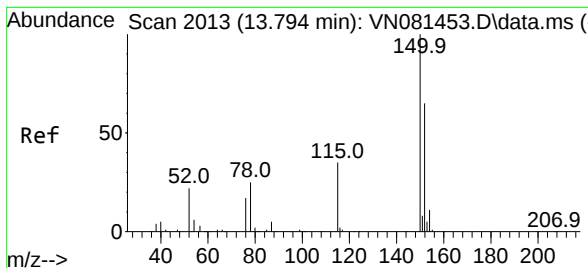
Tgt Ion:106 Resp: 104171
Ion Ratio Lower Upper
106 100
91 198.8 169.0 253.6



#69
o-Xylene
Concen: 6.714 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081518.D
Acq: 21 Mar 2024 14:38

Tgt Ion:106 Resp: 74904
Ion Ratio Lower Upper
106 100
91 219.1 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.006 min

Lab File: VN081518.D

Acq: 21 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

S-1

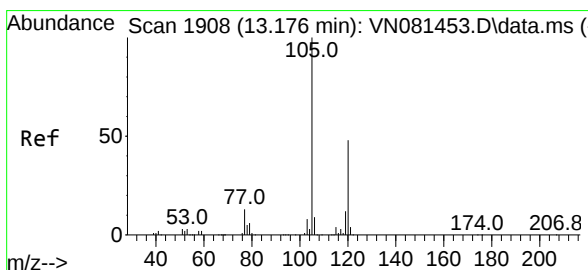
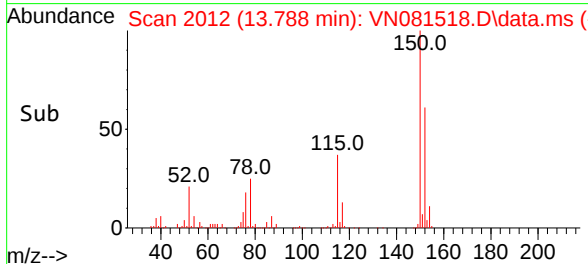
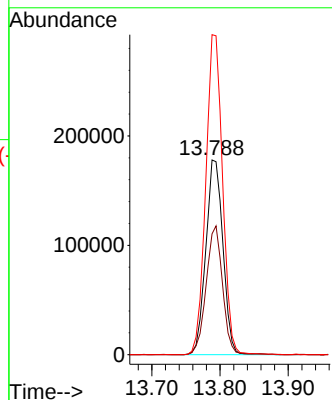
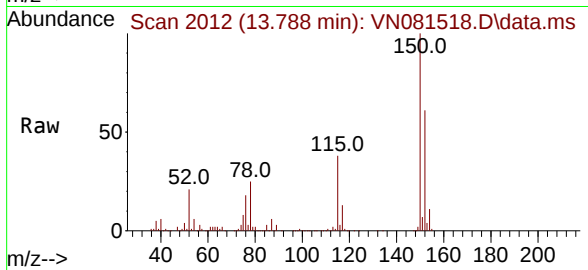
Tgt Ion:152 Resp: 311843

Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

150 160.9 0.0 339.8



#80

1,3,5-Trimethylbenzene

Concen: 1.056 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081518.D

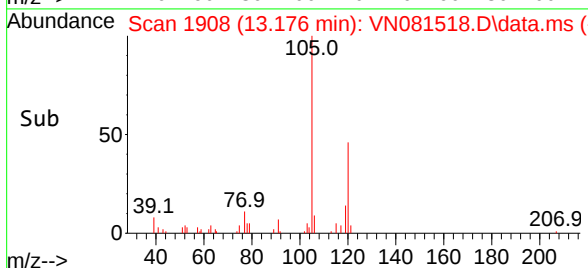
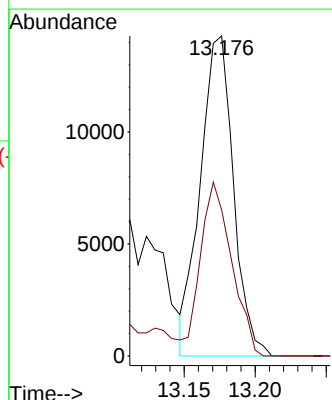
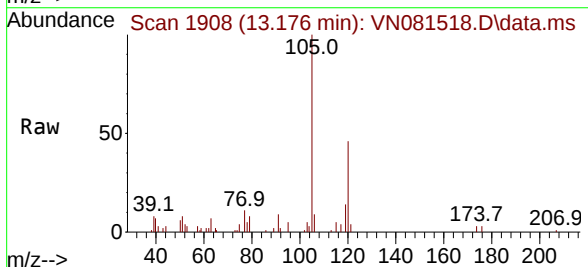
Acq: 21 Mar 2024 14:38

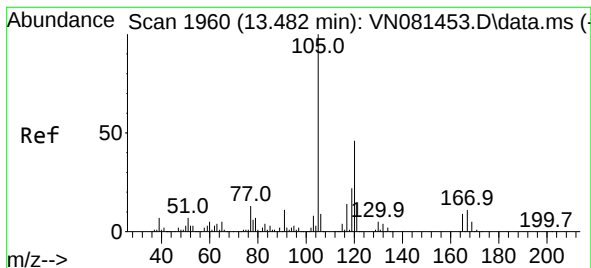
Tgt Ion:105 Resp: 23178

Ion Ratio Lower Upper

105 100

120 51.3 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 2.912 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081518.D

Acq: 21 Mar 2024 14:38

Instrument :

MSVOA_N

ClientSampleId :

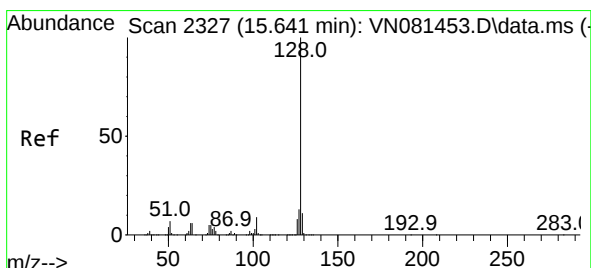
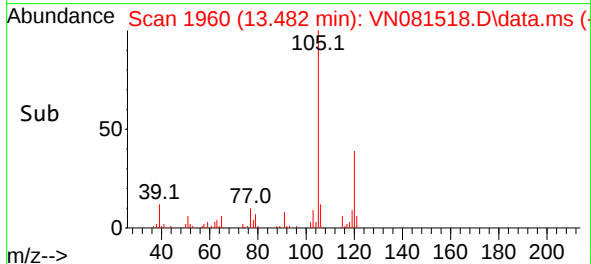
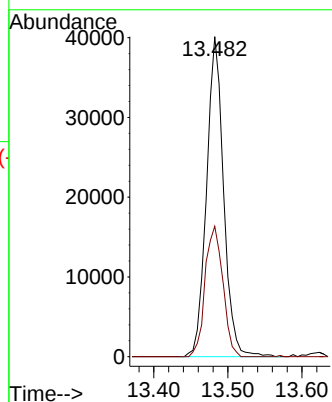
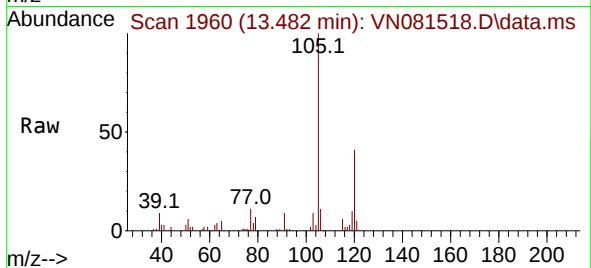
S-1

Tgt Ion:105 Resp: 64250

Ion Ratio Lower Upper

105 100

120 42.3 20.9 62.7



#95

Naphthalene

Concen: 36.408 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081518.D

Acq: 21 Mar 2024 14:38

Tgt Ion:128 Resp: 792085

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.9 8.7 13.1

