

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081621.D
 Acq On : 29 Mar 2024 17:29
 Operator : JC\MD
 Sample : P1921-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-22

Quant Time: Mar 30 00:32:31 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)

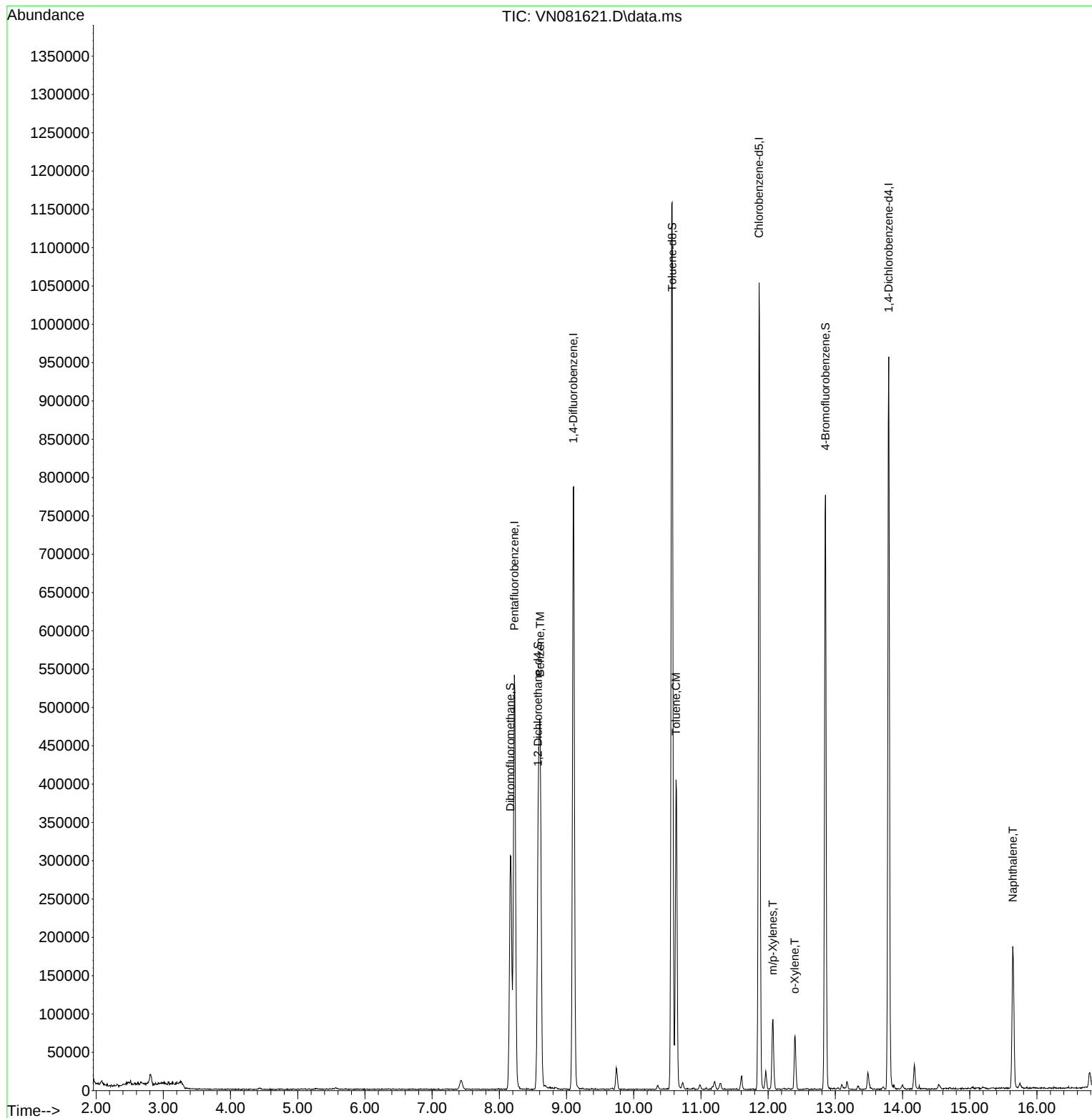
Internal Standards						
1) Pentafluorobenzene	8.224	168	379119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	694924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	628027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	254916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	262481	54.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.580%	
35) Dibromofluoromethane	8.165	113	220811	50.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	10.571	98	835350	52.691	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	12.853	95	272340	48.752	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 97.500%	
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	423013	19.604	ug/l	98
52) Toluene	10.630	92	178580	13.021	ug/l	99
68) m/p-Xylenes	12.071	106	29236	3.024	ug/l	90
69) o-Xylene	12.394	106	20240	2.132	ug/l	84
95) Naphthalene	15.641	128	179741	10.107	ug/l	100

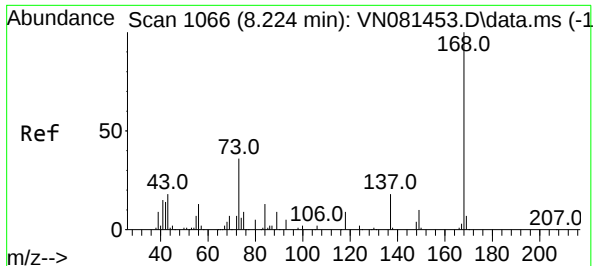
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
Data File : VN081621.D
Acq On : 29 Mar 2024 17:29
Operator : JC\MD
Sample : P1921-07 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-22

Quant Time: Mar 30 00:32:31 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

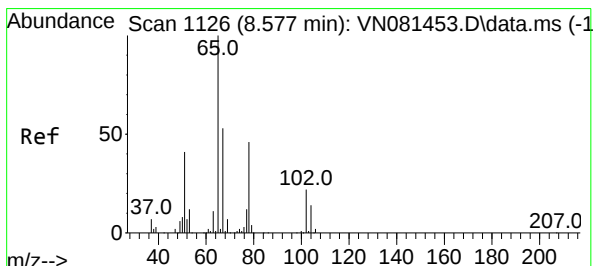
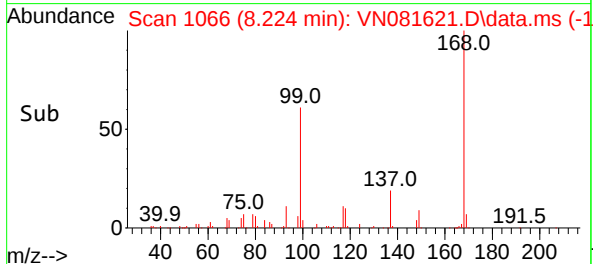
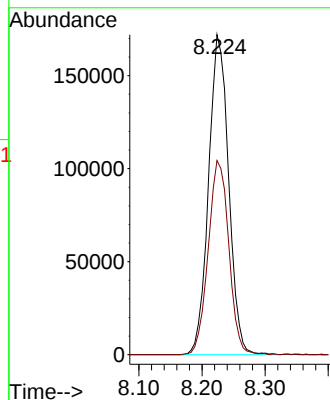
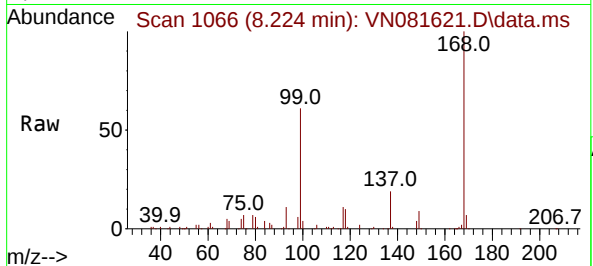




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

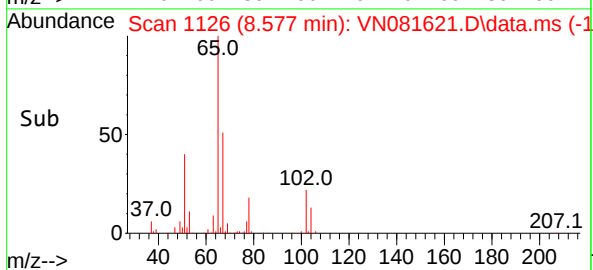
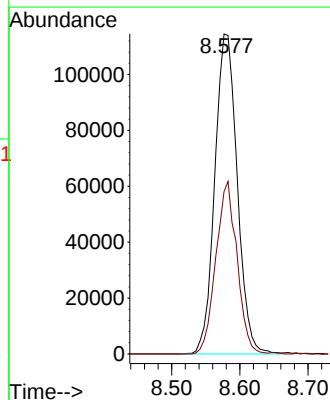
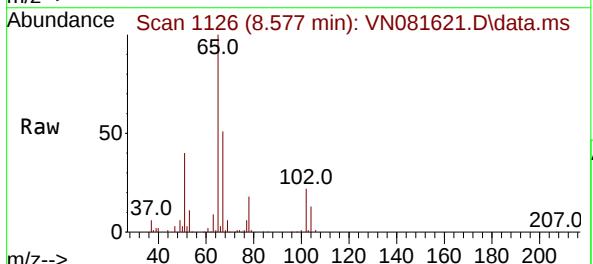
Instrument :
MSVOA_N
ClientSampleId :
S-22

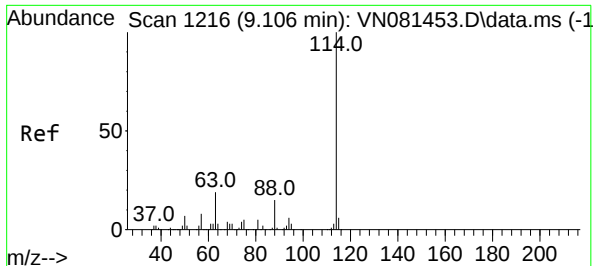
Tgt Ion:168 Resp: 379119
Ion Ratio Lower Upper
168 100
99 60.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 54.290 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

Tgt Ion: 65 Resp: 262481
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081621.D

Acq: 29 Mar 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

S-22

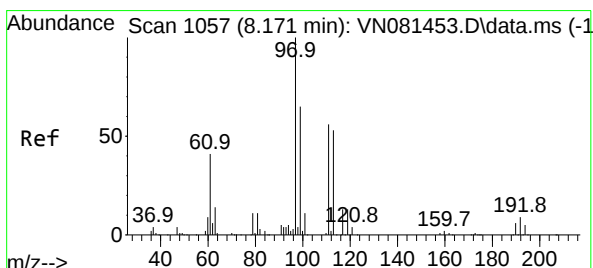
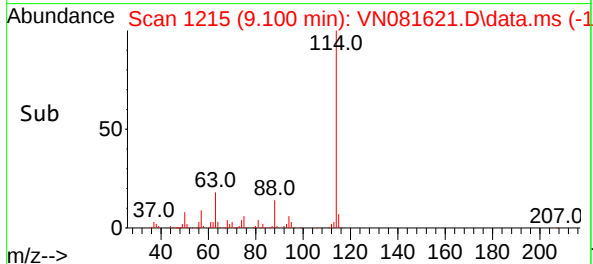
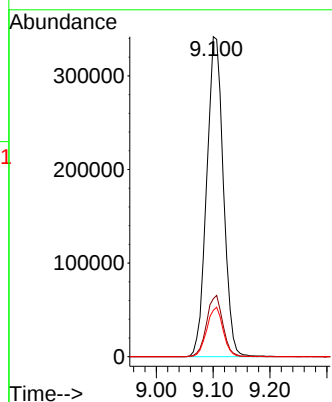
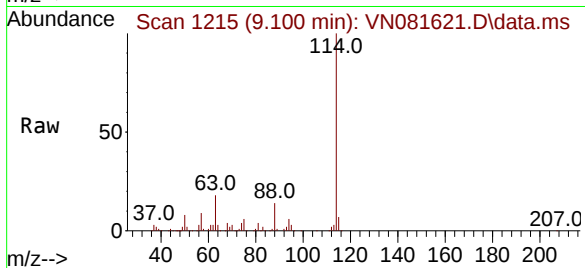
Tgt Ion:114 Resp: 694924

Ion Ratio Lower Upper

114 100

63 18.1 0.0 48.0

88 14.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.348 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081621.D

Acq: 29 Mar 2024 17:29

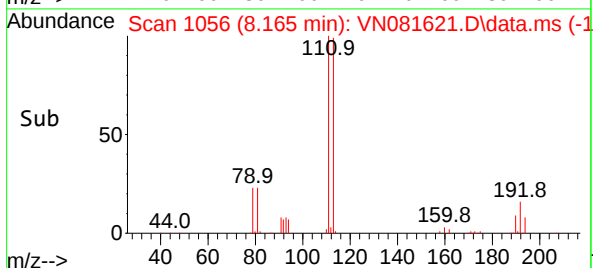
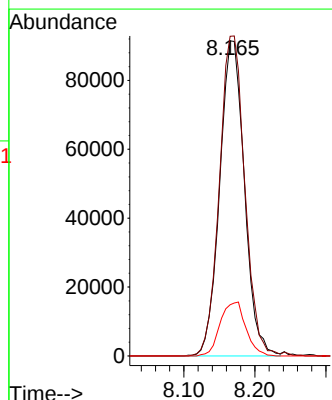
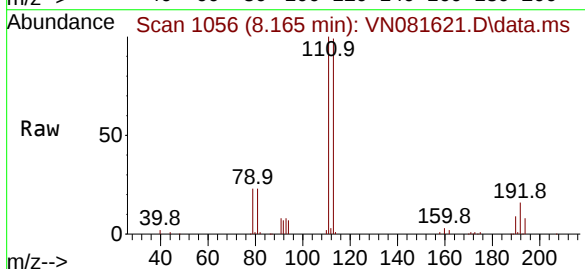
Tgt Ion:113 Resp: 220811

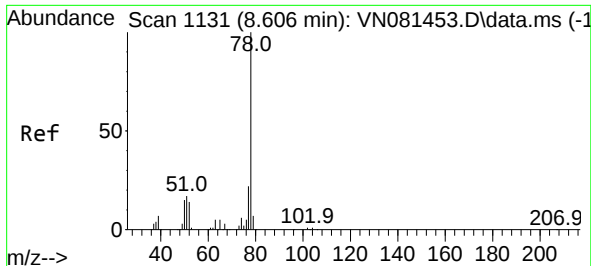
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 17.7 12.5 18.7

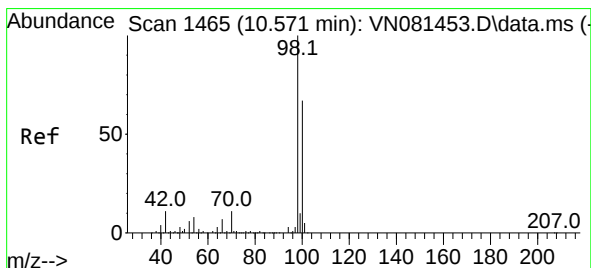
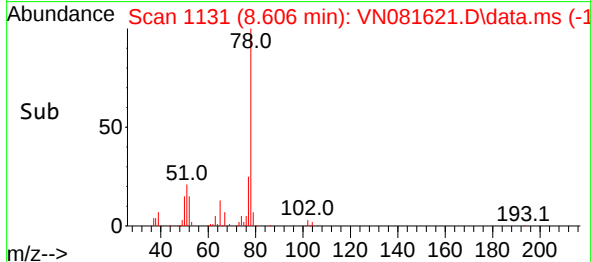
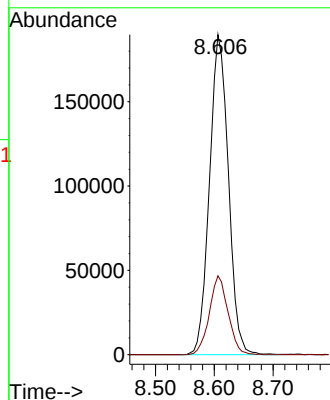
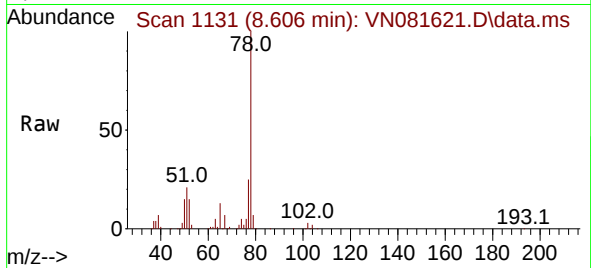




#40
Benzene
Concen: 19.604 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

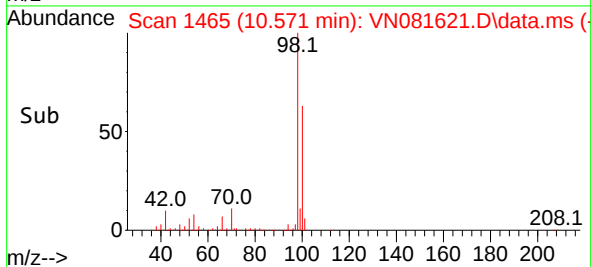
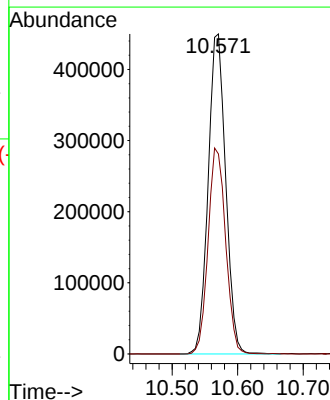
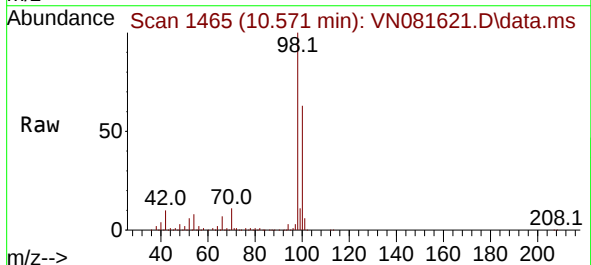
Instrument :
MSVOA_N
ClientSampleId :
S-22

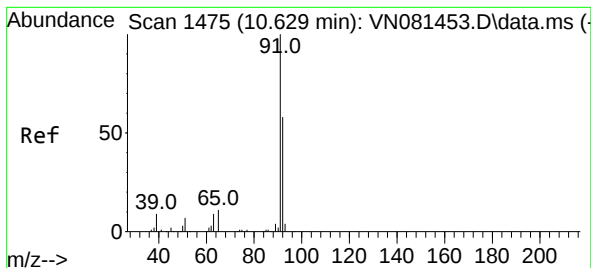
Tgt Ion: 78 Resp: 423013
Ion Ratio Lower Upper
78 100
77 24.7 20.4 30.6



#50
Toluene-d8
Concen: 52.691 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

Tgt Ion: 98 Resp: 835350
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0





#52

Toluene

Concen: 13.021 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081621.D

Acq: 29 Mar 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

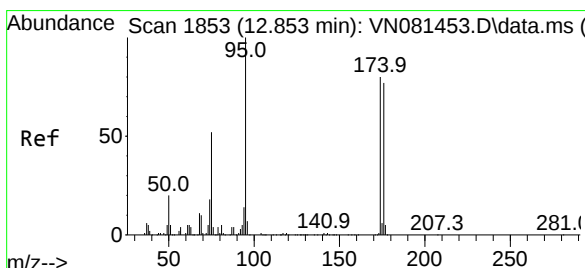
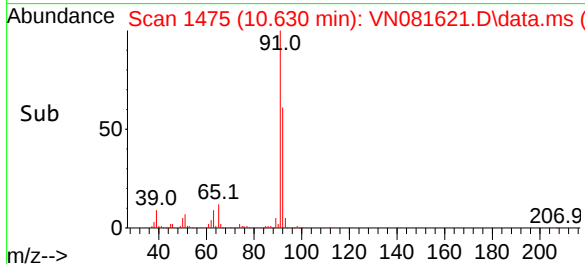
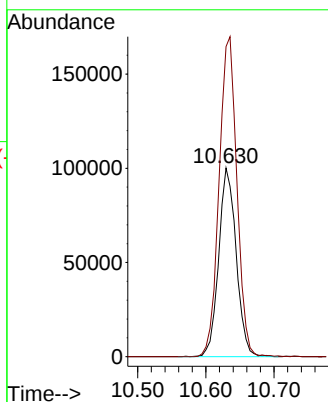
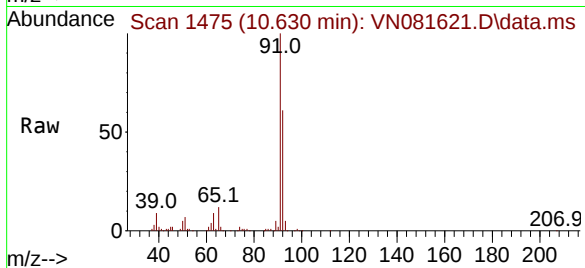
S-22

Tgt Ion: 92 Resp: 178580

Ion Ratio Lower Upper

92 100

91 172.9 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 48.752 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081621.D

Acq: 29 Mar 2024 17:29

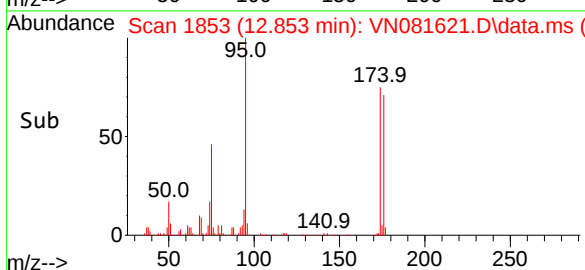
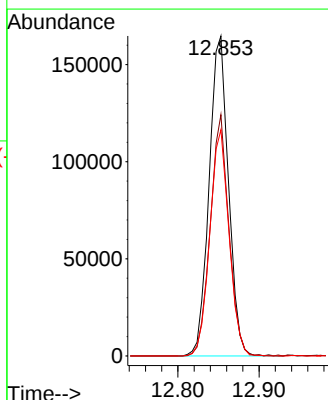
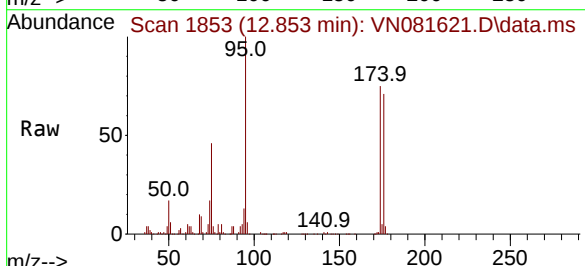
Tgt Ion: 95 Resp: 272340

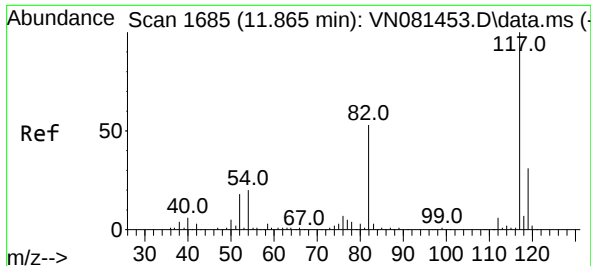
Ion Ratio Lower Upper

95 100

174 72.7 0.0 120.4

176 70.2 0.0 121.0

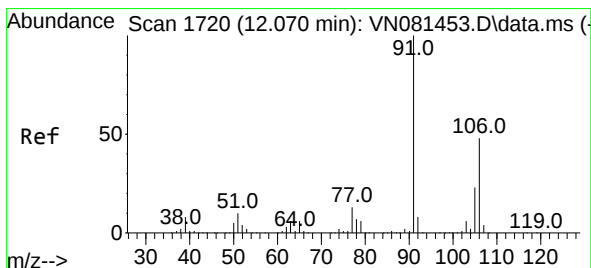
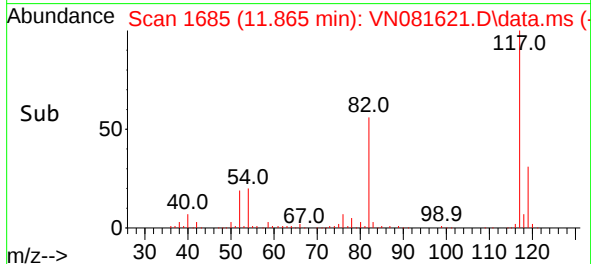
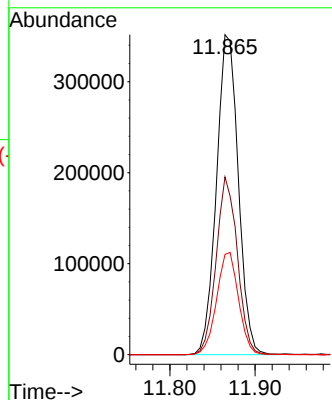
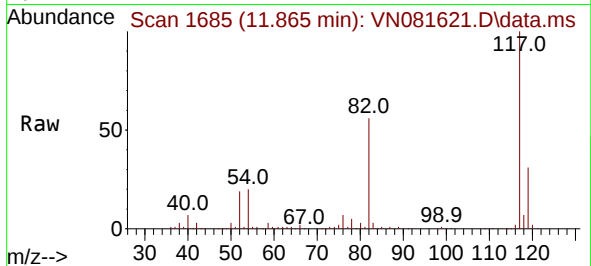




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

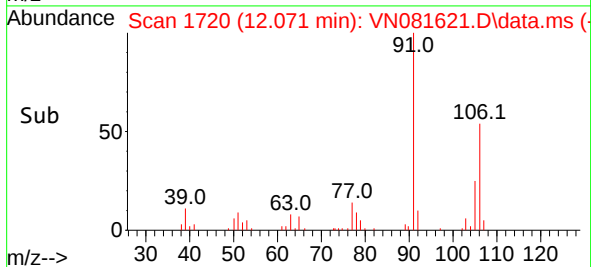
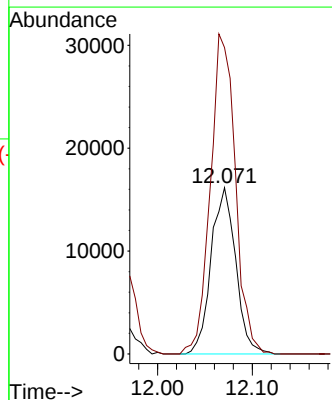
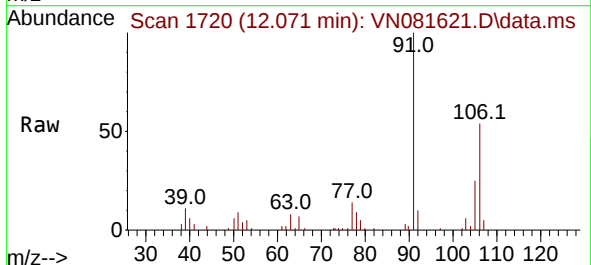
Instrument :
MSVOA_N
ClientSampleId :
S-22

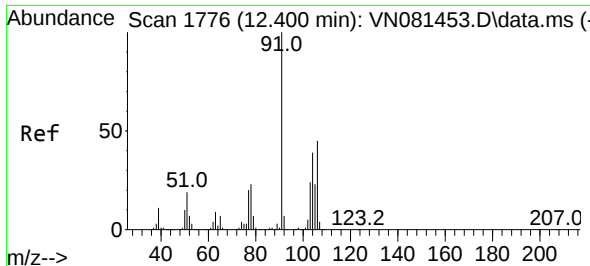
Tgt Ion:117 Resp: 628027
Ion Ratio Lower Upper
117 100
82 55.5 52.7 79.1
119 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 3.024 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

Tgt Ion:106 Resp: 29236
Ion Ratio Lower Upper
106 100
91 195.0 169.0 253.6

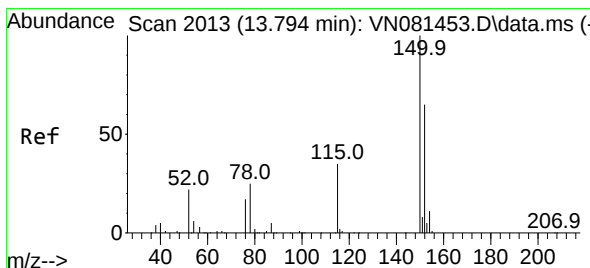
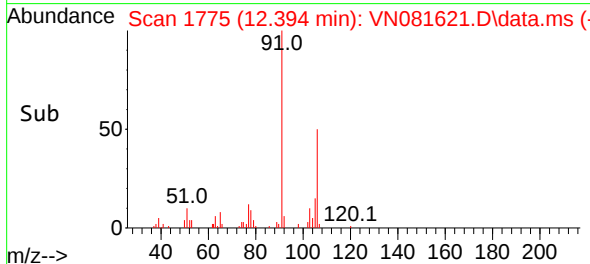
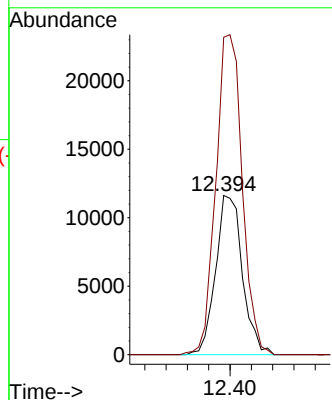
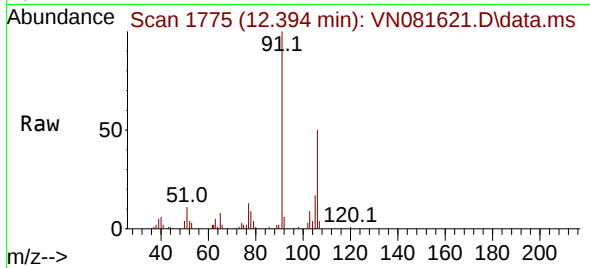




#69
o-Xylene
Concen: 2.132 ug/l
RT: 12.394 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

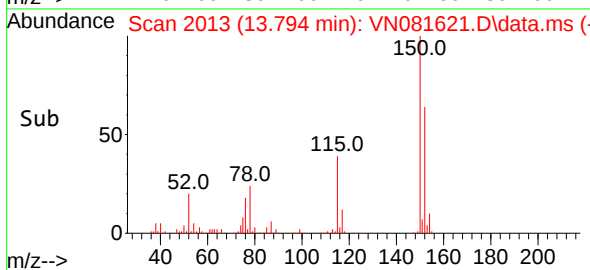
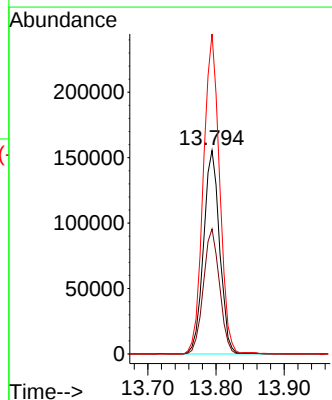
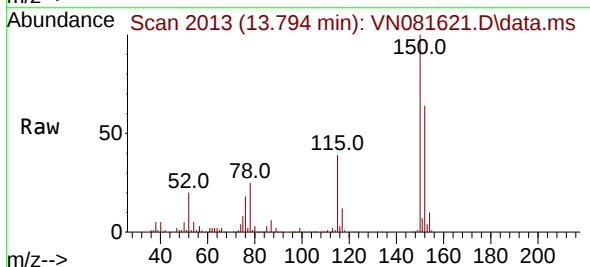
Instrument :
MSVOA_N
ClientSampleId :
S-22

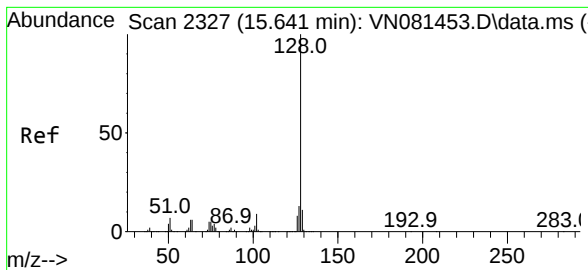
Tgt Ion:106 Resp: 20240
Ion Ratio Lower Upper
106 100
91 198.5 112.1 336.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

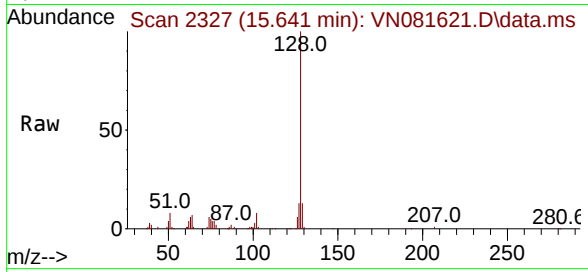
Tgt Ion:152 Resp: 254916
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 158.3 0.0 339.8





#95
Naphthalene
Concen: 10.107 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081621.D
Acq: 29 Mar 2024 17:29

Instrument :
MSVOA_N
ClientSampleId :
S-22



Tgt Ion:	128	Resp:	179741
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	11.0	8.7	13.1

