

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081547.D
 Acq On : 22 Mar 2024 14:50
 Operator : JC\MD
 Sample : P1798-14DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-14DL

Quant Time: Mar 23 00:14:54 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)

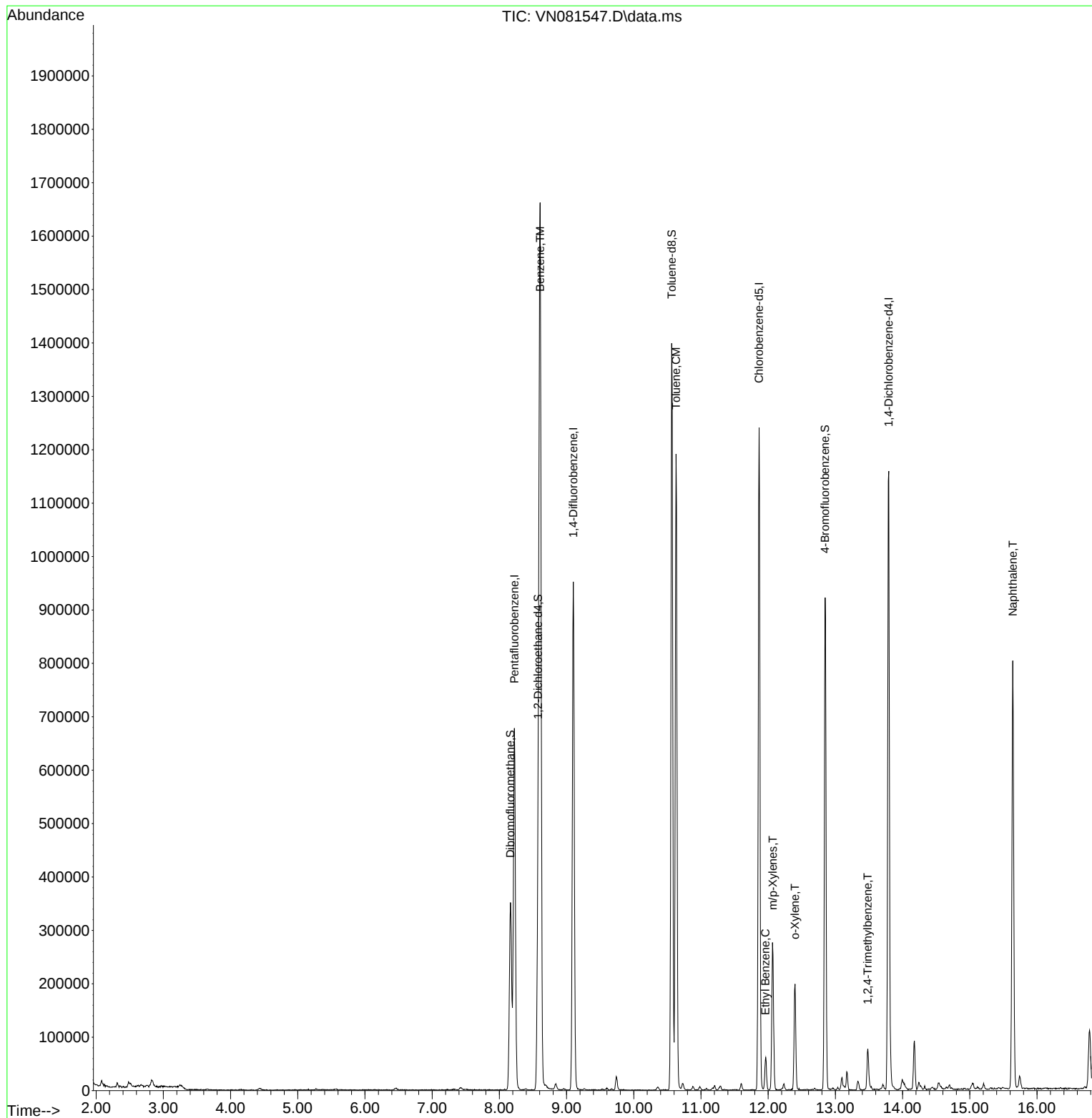
Internal Standards						
1) Pentafluorobenzene	8.224	168	474382	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	844298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	733517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	317332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	306882	50.727	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.460%		
35) Dibromofluoromethane	8.165	113	253980	47.665	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.340%		
50) Toluene-d8	10.565	98	984128	51.093	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.180%		
62) 4-Bromofluorobenzene	12.847	95	321967	47.439	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 94.880%		
Target Compounds						
						Qvalue
40) Benzene	8.606	78	1670645	63.727	ug/l	96
52) Toluene	10.629	92	528622	31.725	ug/l	99
67) Ethyl Benzene	11.959	91	43061	1.430	ug/l	93
68) m/p-Xylenes	12.070	106	90218	7.990	ug/l	88
69) o-Xylene	12.400	106	57010	5.143	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	44955	2.002	ug/l	97
95) Naphthalene	15.641	128	734696	33.186	ug/l	99

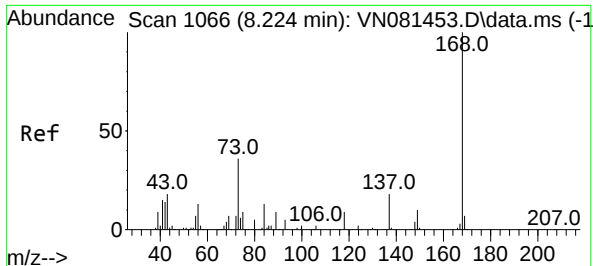
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
Data File : VN081547.D
Acq On : 22 Mar 2024 14:50
Operator : JC\MD
Sample : P1798-14DL 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S-14DL

Quant Time: Mar 23 00:14:54 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

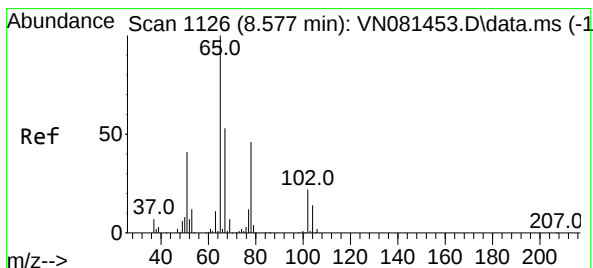
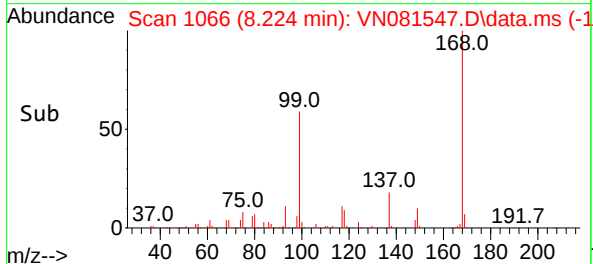
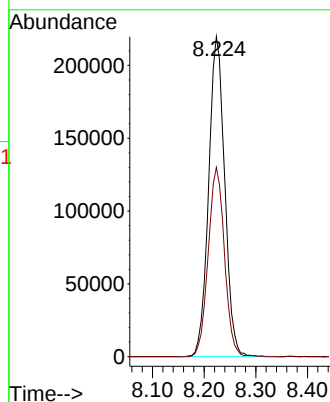
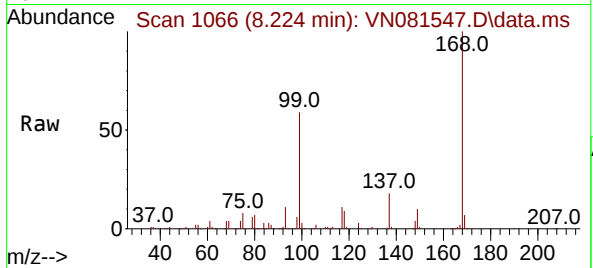




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

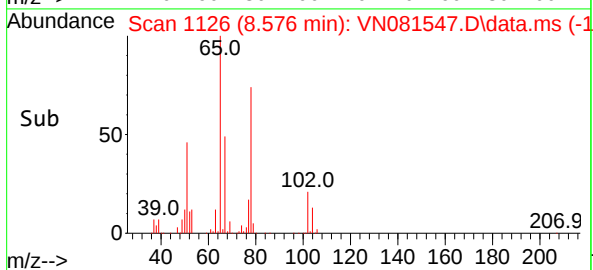
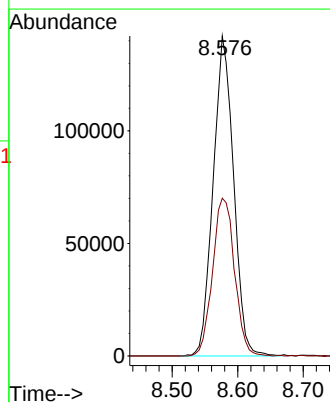
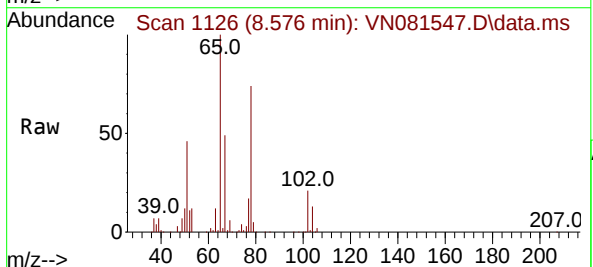
Instrument :
MSVOA_N
ClientSampleId :
S-14DL

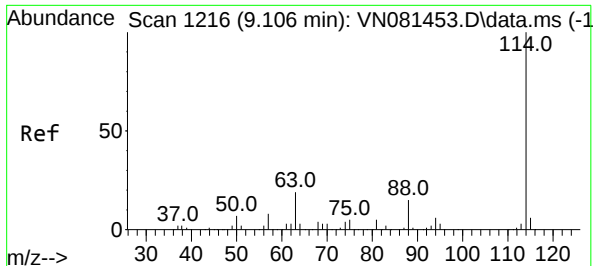
Tgt Ion:168 Resp: 474382
Ion Ratio Lower Upper
168 100
99 59.1 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 50.727 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

Tgt Ion: 65 Resp: 306882
Ion Ratio Lower Upper
65 100
67 53.0 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: VN081547.D

Acq: 22 Mar 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

S-14DL

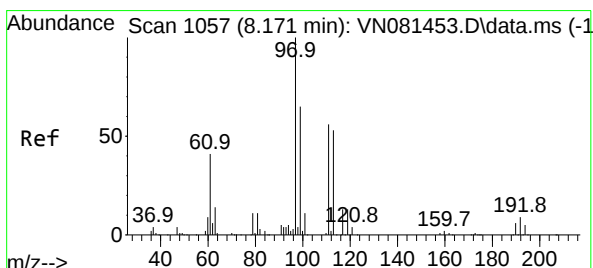
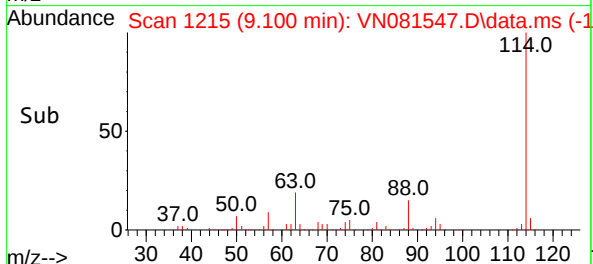
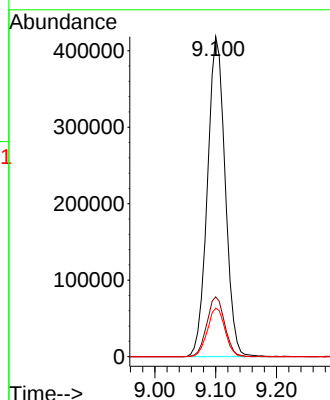
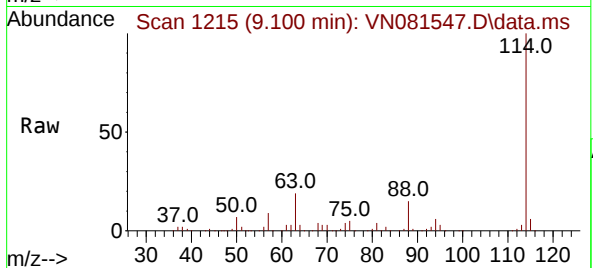
Tgt Ion:114 Resp: 844298

Ion Ratio Lower Upper

114 100

63 18.7 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.665 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081547.D

Acq: 22 Mar 2024 14:50

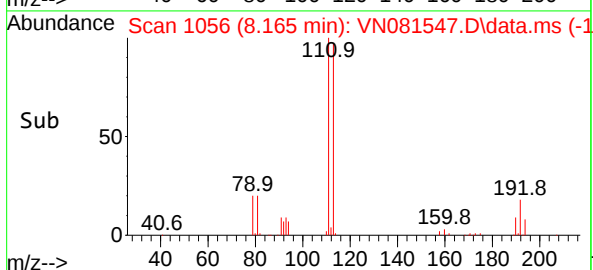
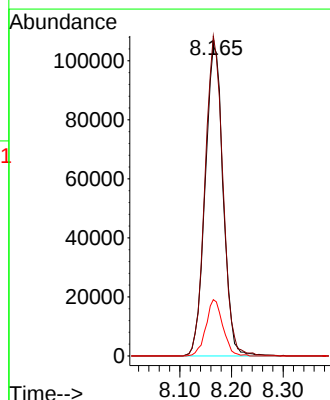
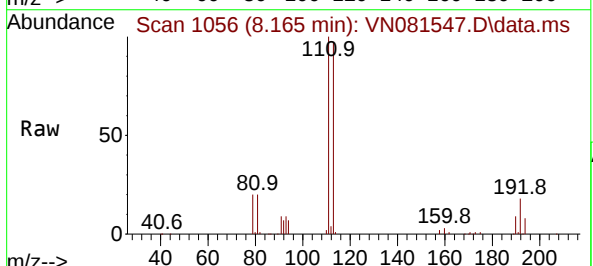
Tgt Ion:113 Resp: 253980

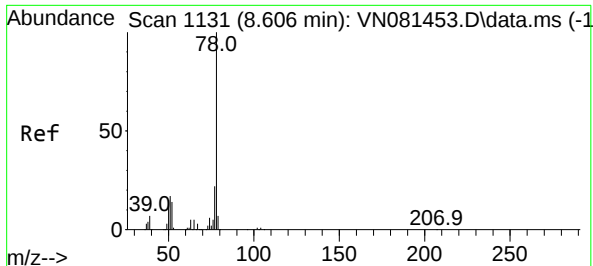
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.1 12.5 18.7

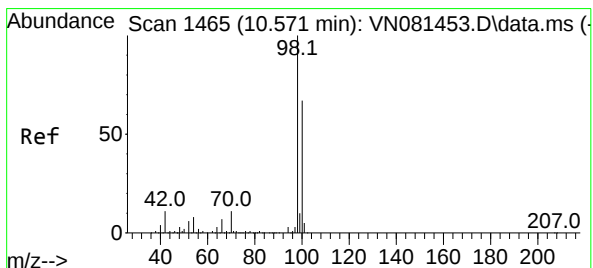
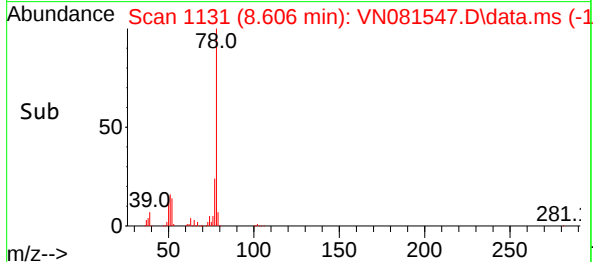
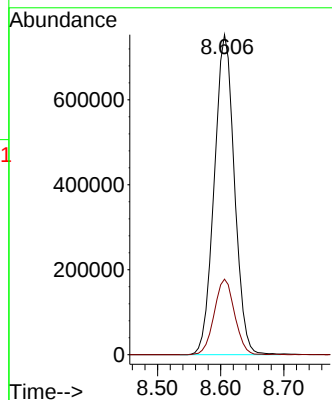
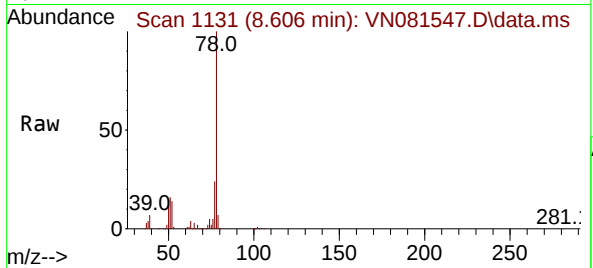




#40
Benzene
Concen: 63.727 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

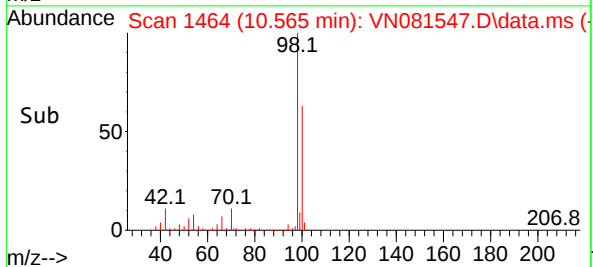
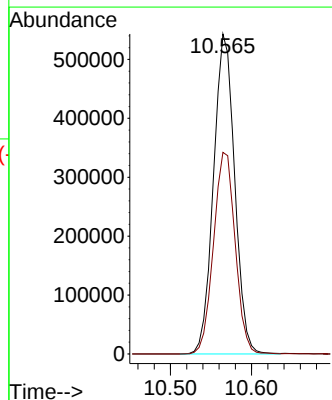
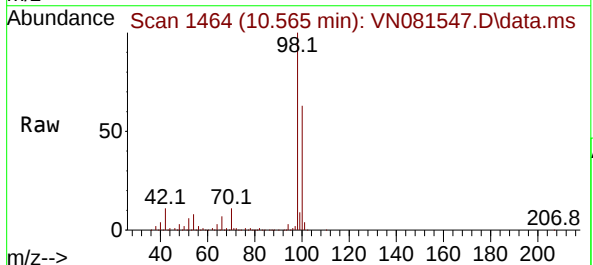
Instrument :
MSVOA_N
ClientSampleId :
S-14DL

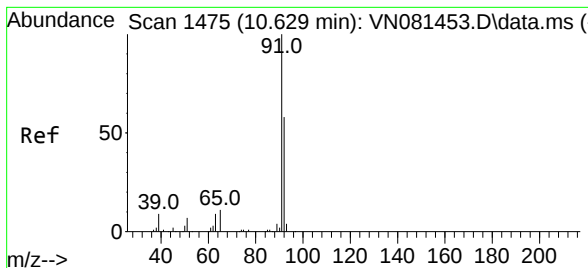
Tgt Ion: 78 Resp: 1670645
Ion Ratio Lower Upper
78 100
77 23.6 20.4 30.6



#50
Toluene-d8
Concen: 51.093 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

Tgt Ion: 98 Resp: 984128
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0





#52

Toluene

Concen: 31.725 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081547.D

Acq: 22 Mar 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

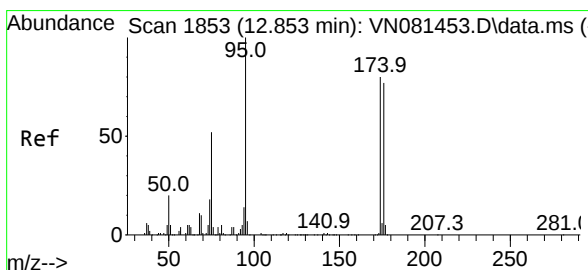
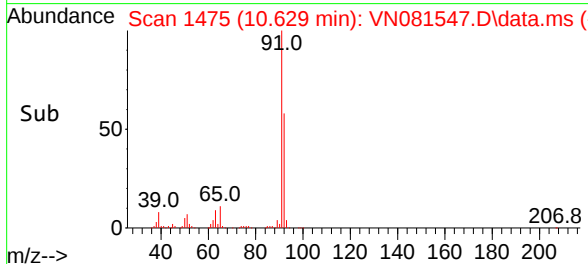
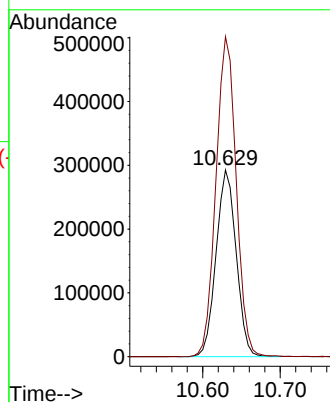
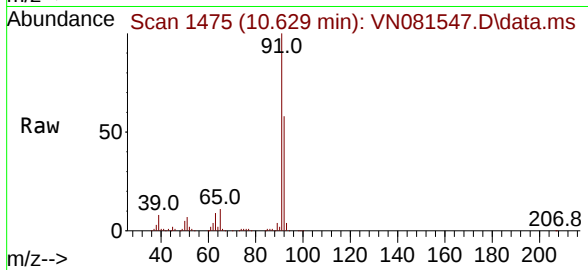
S-14DL

Tgt Ion: 92 Resp: 528622

Ion Ratio Lower Upper

92 100

91 172.7 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 47.439 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN081547.D

Acq: 22 Mar 2024 14:50

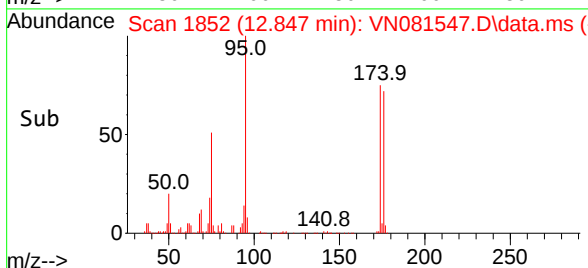
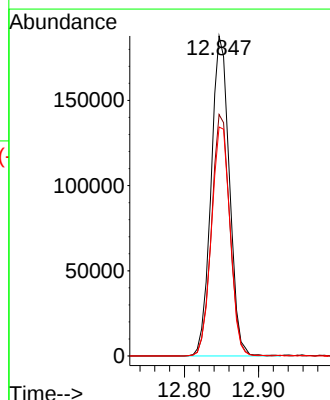
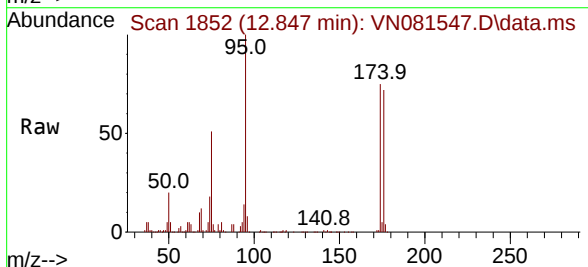
Tgt Ion: 95 Resp: 321967

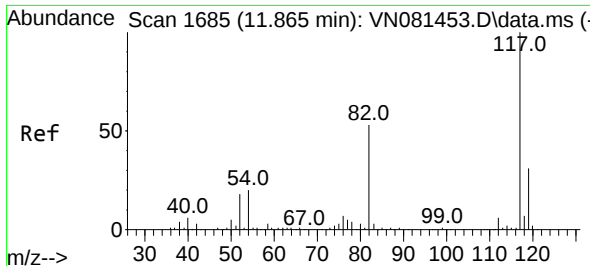
Ion Ratio Lower Upper

95 100

174 75.3 0.0 120.4

176 72.9 0.0 121.0

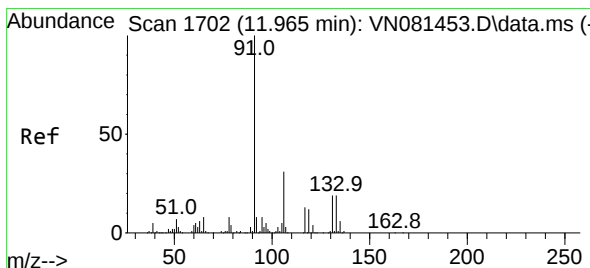
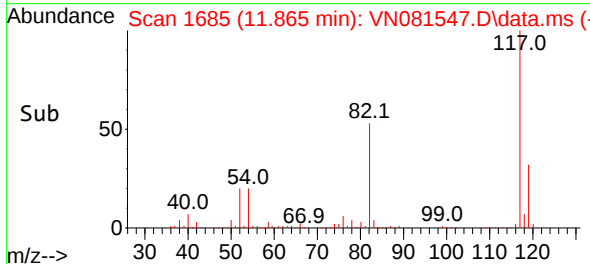
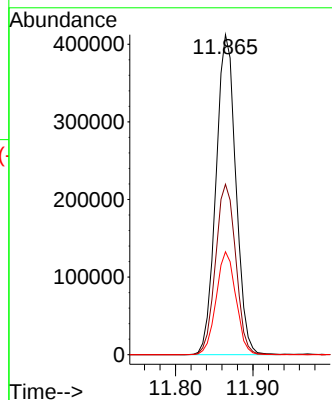
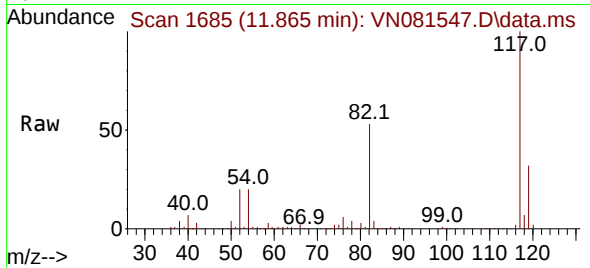




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

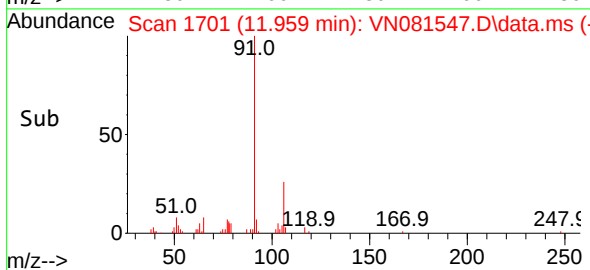
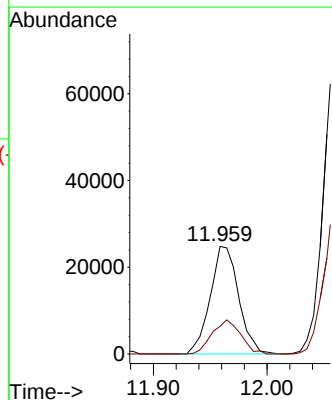
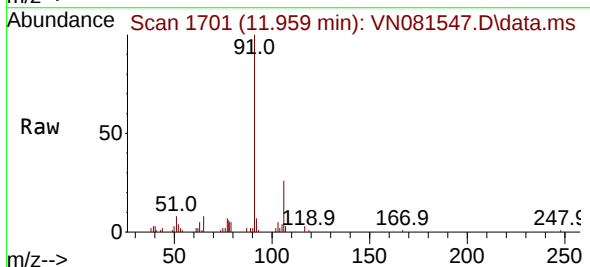
Instrument :
MSVOA_N
ClientSampleId :
S-14DL

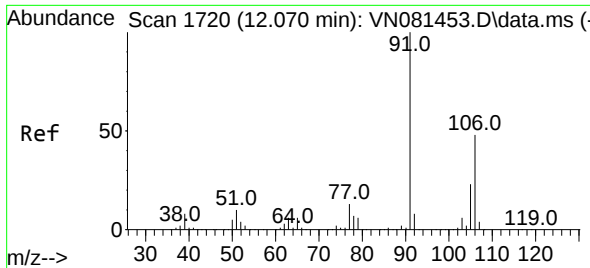
Tgt Ion:117 Resp: 733517
Ion Ratio Lower Upper
117 100
82 53.2 52.7 79.1
119 32.1 25.3 37.9



#67
Ethyl Benzene
Concen: 1.430 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

Tgt Ion: 91 Resp: 43061
Ion Ratio Lower Upper
91 100
106 25.7 23.8 35.6

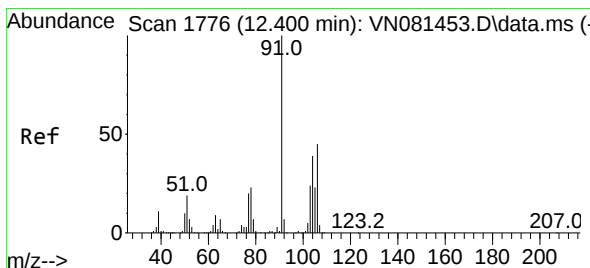
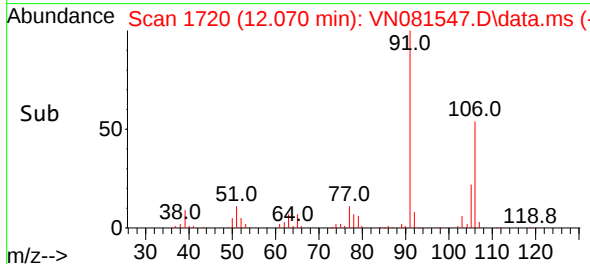
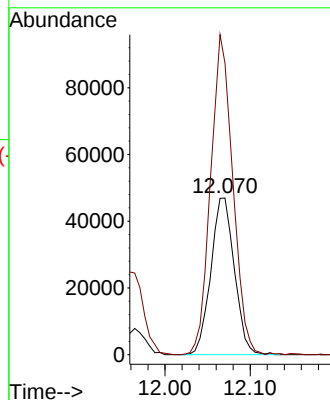
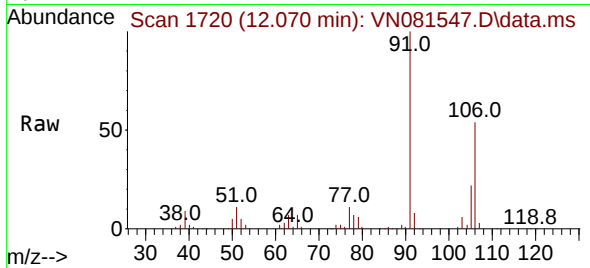




#68
m/p-Xylenes
Concen: 7.990 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

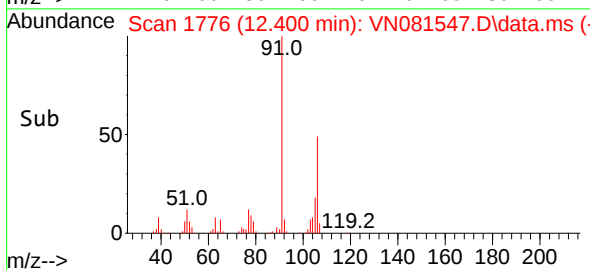
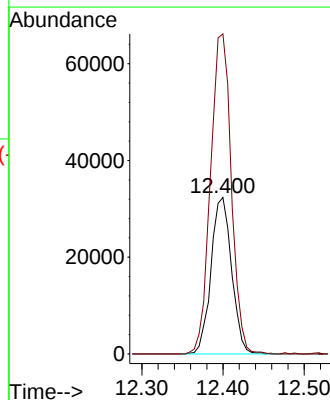
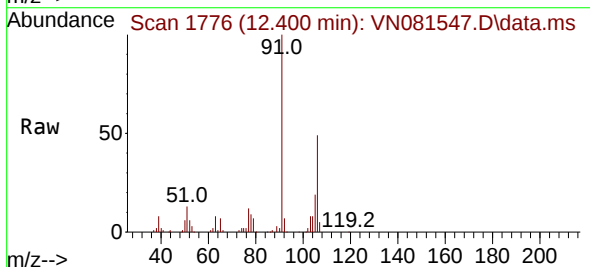
Instrument :
MSVOA_N
ClientSampleId :
S-14DL

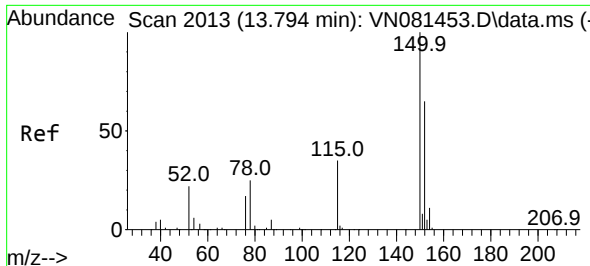
Tgt Ion:106 Resp: 90218
Ion Ratio Lower Upper
106 100
91 192.2 169.0 253.6



#69
o-Xylene
Concen: 5.143 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081547.D
Acq: 22 Mar 2024 14:50

Tgt Ion:106 Resp: 57010
Ion Ratio Lower Upper
106 100
91 206.6 112.1 336.3

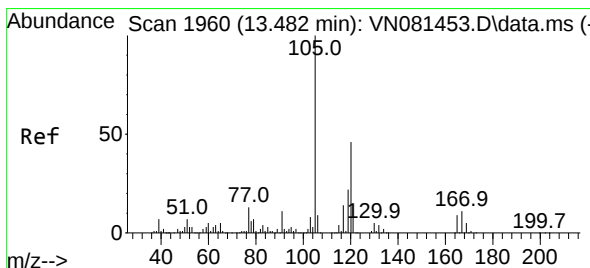
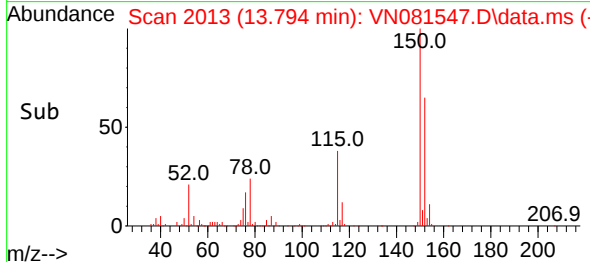
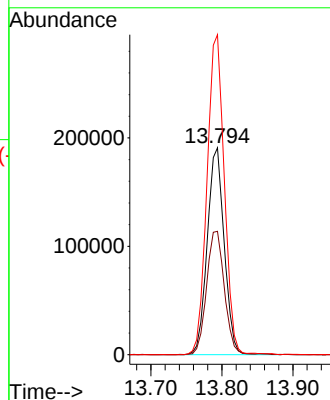
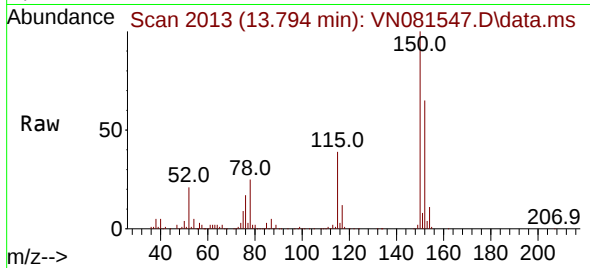




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081547.D
 Acq: 22 Mar 2024 14:50

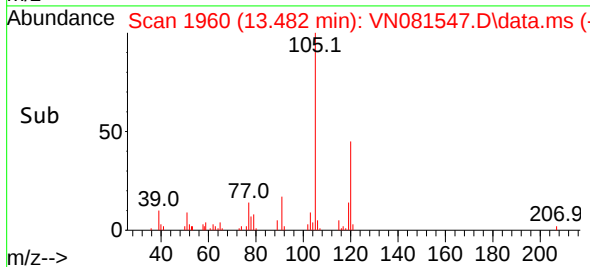
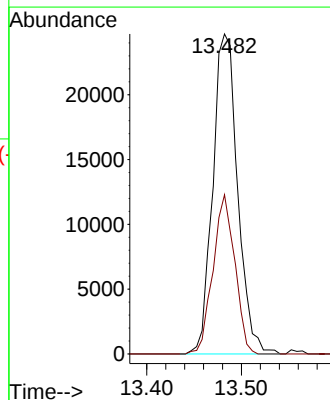
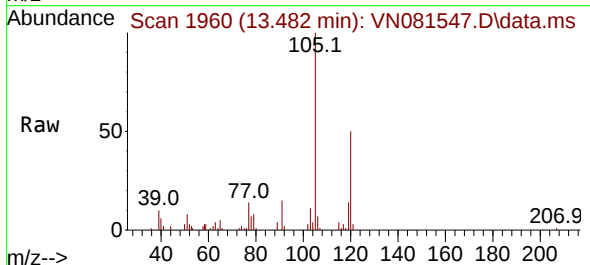
Instrument :
 MSVOA_N
 ClientSampleId :
 S-14DL

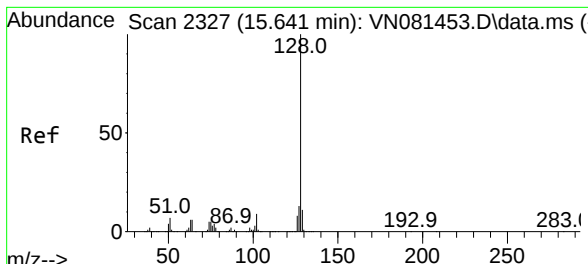
Tgt Ion:152 Resp: 317332
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 157.4 0.0 339.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.002 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081547.D
 Acq: 22 Mar 2024 14:50

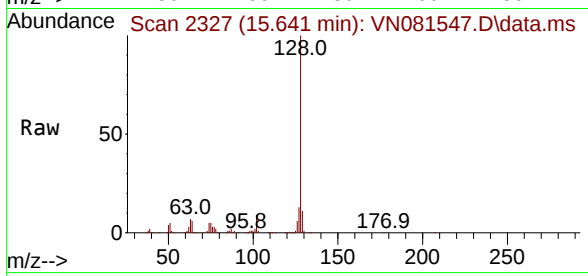
Tgt Ion:105 Resp: 44955
 Ion Ratio Lower Upper
 105 100
 120 43.7 20.9 62.7





#95
 Naphthalene
 Concen: 33.186 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081547.D
 Acq: 22 Mar 2024 14:50

Instrument :
 MSVOA_N
 ClientSampleId :
 S-14DL



Tgt Ion:128 Resp: 734696

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.6	8.7	13.1

