

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081545.D
 Acq On : 22 Mar 2024 14:03
 Operator : JC\MD
 Sample : P1798-12DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-12DL

Quant Time: Mar 23 00:14:04 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)

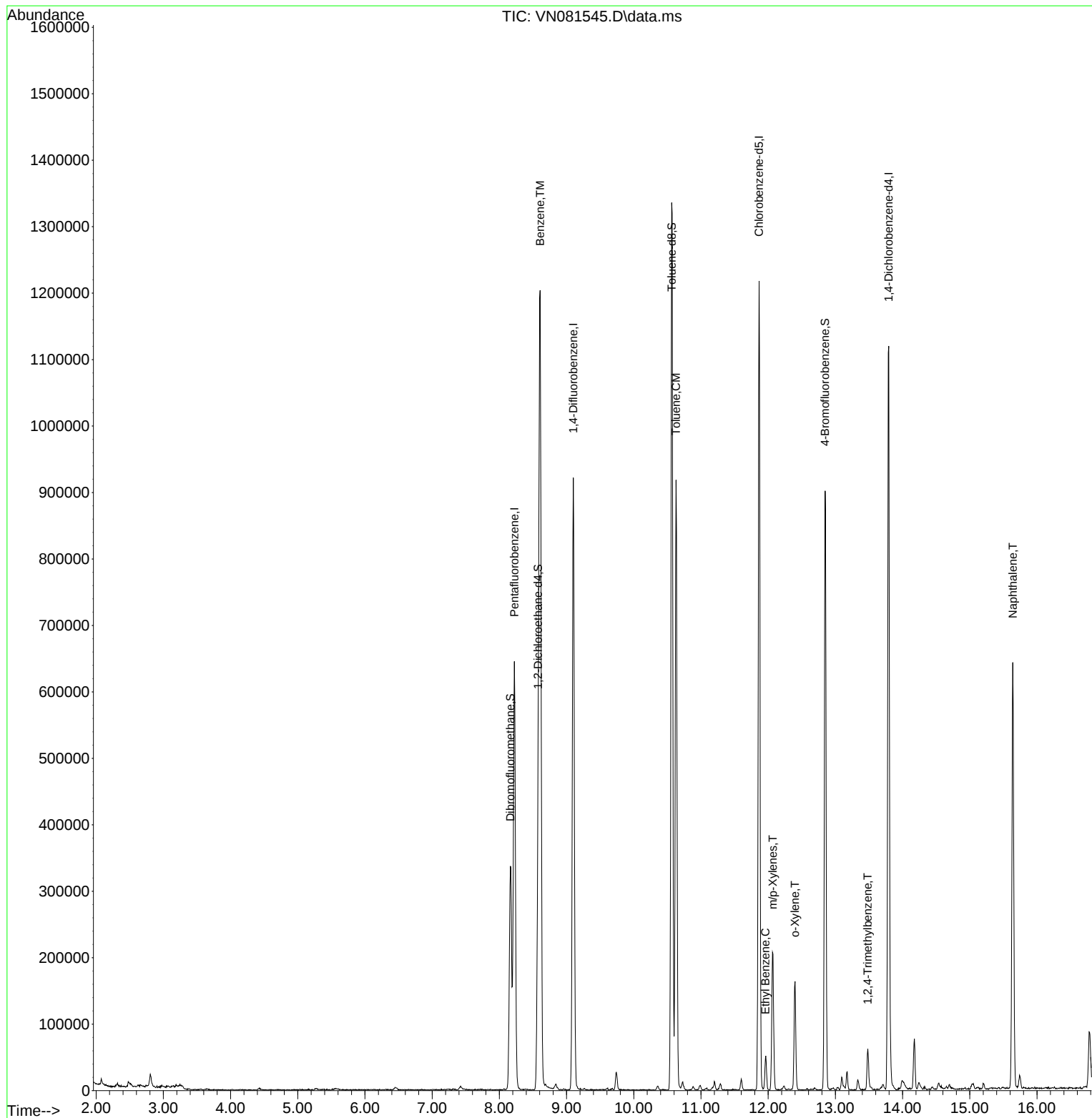
Internal Standards						
1) Pentafluorobenzene	8.224	168	458687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	813217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	724575	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	304516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	292923	50.077	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.160%		
35) Dibromofluoromethane	8.165	113	251193	48.944	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.880%		
50) Toluene-d8	10.565	98	959564	51.722	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.440%		
62) 4-Bromofluorobenzene	12.847	95	314557	48.118	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 96.240%		
Target Compounds						
						Qvalue
40) Benzene	8.606	78	1213333	48.051	ug/l	99
52) Toluene	10.629	92	402579	25.084	ug/l	99
67) Ethyl Benzene	11.959	91	35092	1.179	ug/l	93
68) m/p-Xylenes	12.070	106	67661	6.066	ug/l	96
69) o-Xylene	12.400	106	46348	4.232	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	35988	1.670	ug/l	99
95) Naphthalene	15.641	128	596558	28.080	ug/l	99

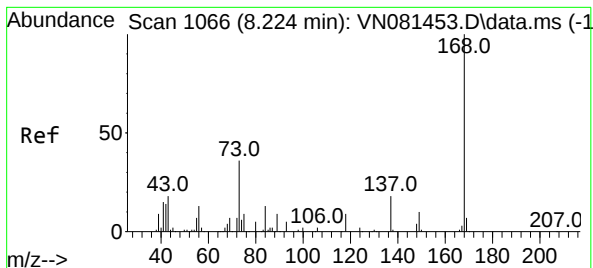
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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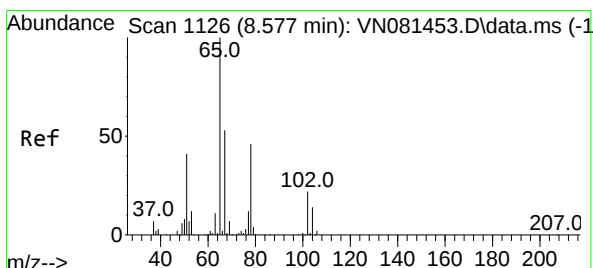
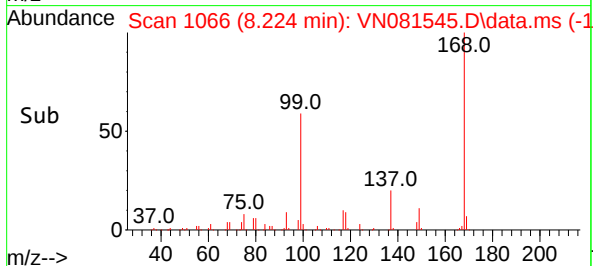
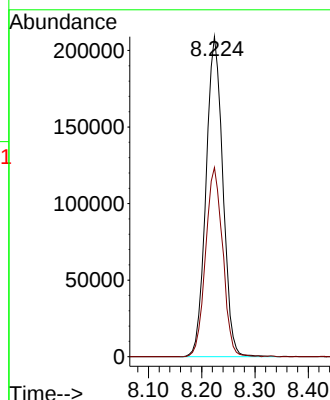
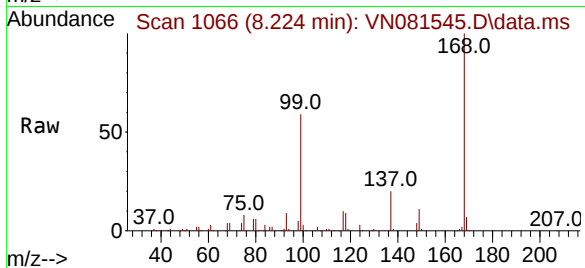




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

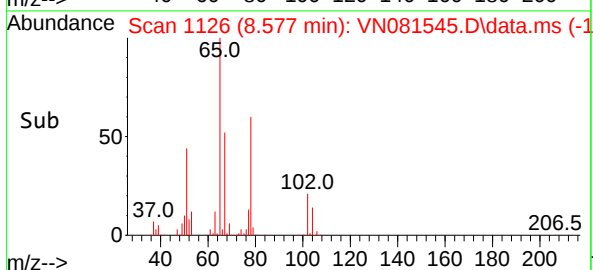
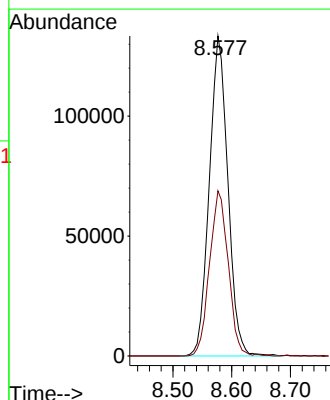
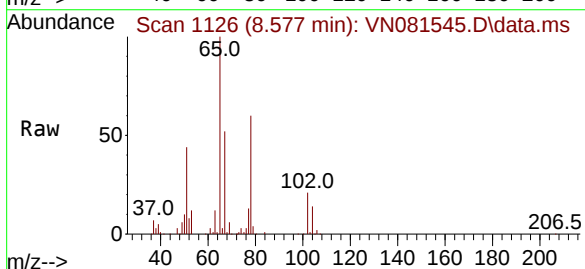
Instrument :
MSVOA_N
ClientSampleId :
S-12DL

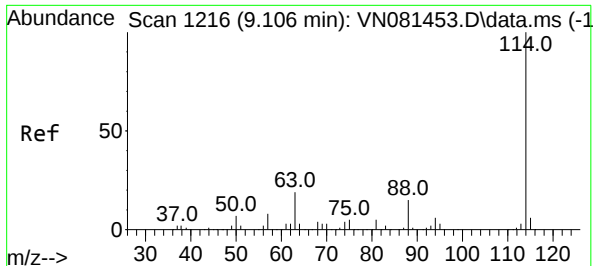
Tgt Ion:168 Resp: 458687
Ion Ratio Lower Upper
168 100
99 59.1 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 50.077 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

Tgt Ion: 65 Resp: 292923
Ion Ratio Lower Upper
65 100
67 51.9 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: VN081545.D

Acq: 22 Mar 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

S-12DL

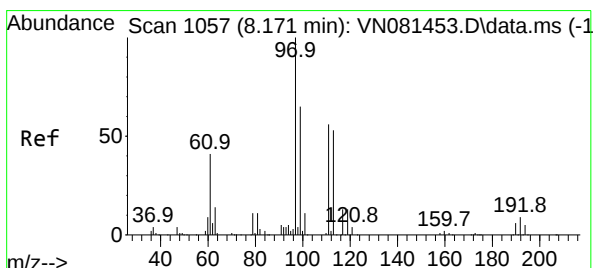
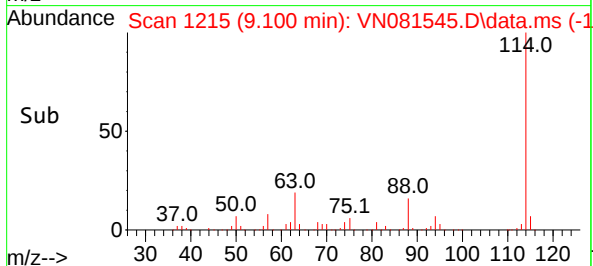
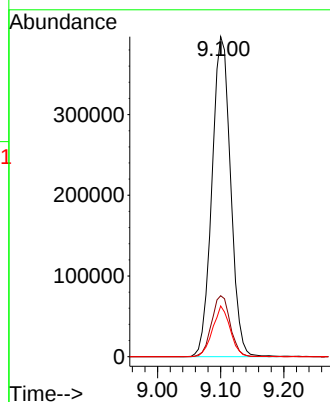
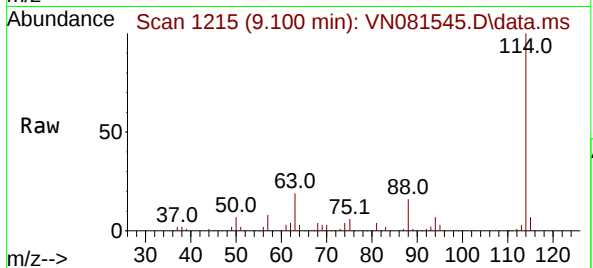
Tgt Ion:114 Resp: 813217

Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

88 15.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.944 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081545.D

Acq: 22 Mar 2024 14:03

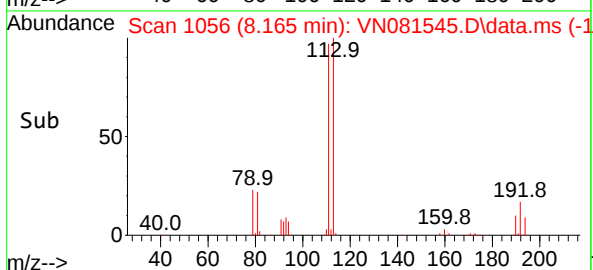
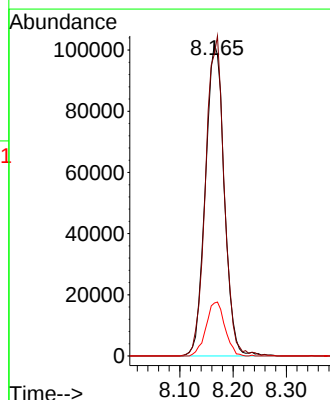
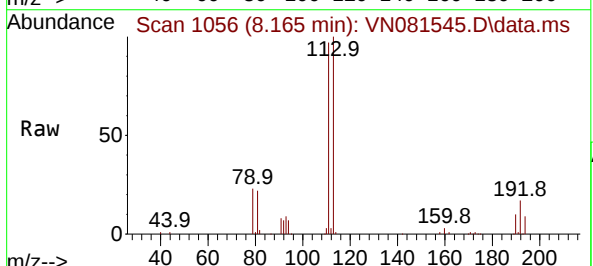
Tgt Ion:113 Resp: 251193

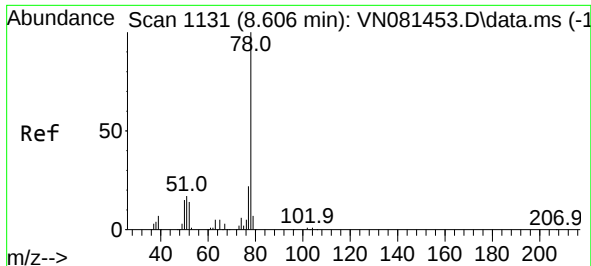
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 17.2 12.5 18.7

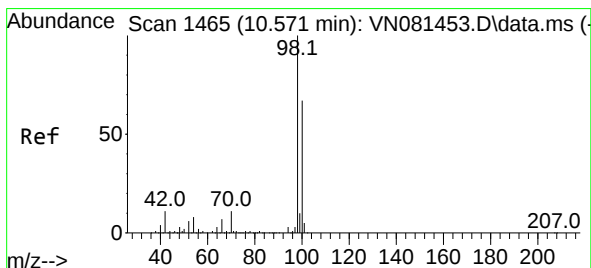
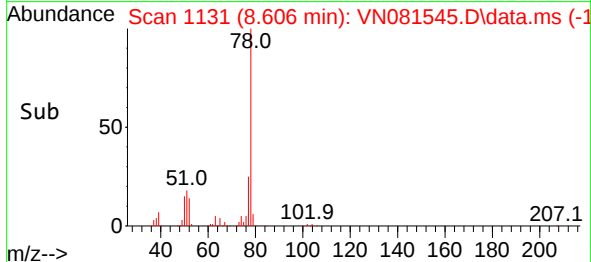
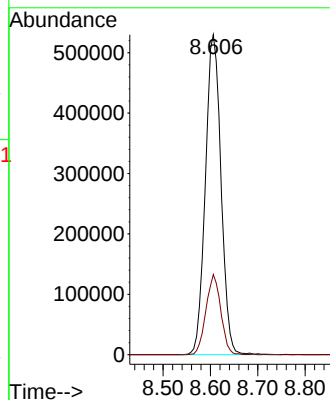
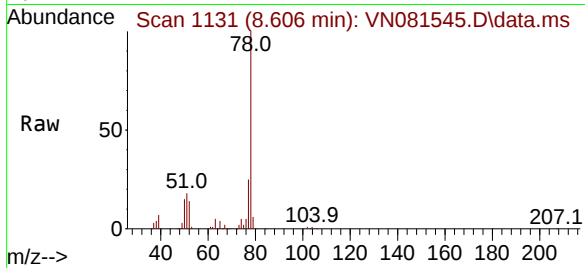




#40
Benzene
Concen: 48.051 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

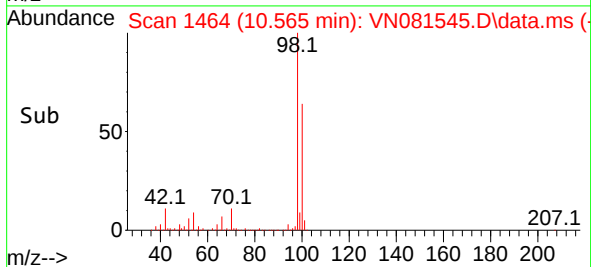
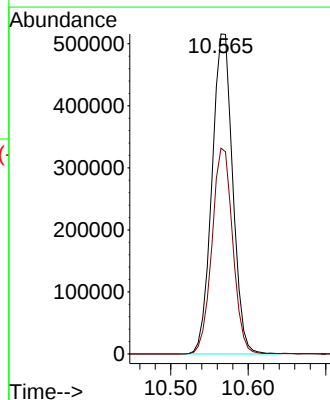
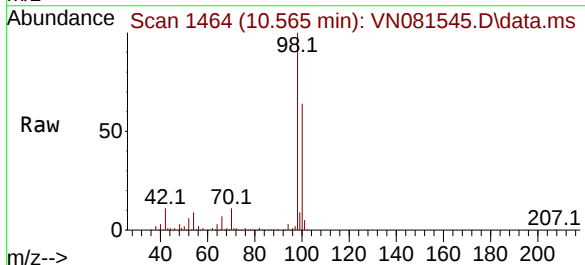
Instrument :
MSVOA_N
ClientSampleId :
S-12DL

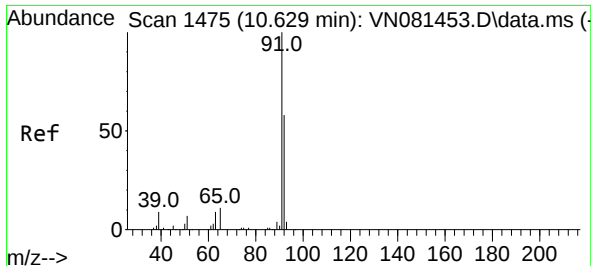
Tgt Ion: 78 Resp: 1213333
Ion Ratio Lower Upper
78 100
77 25.1 20.4 30.6



#50
Toluene-d8
Concen: 51.722 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

Tgt Ion: 98 Resp: 959564
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

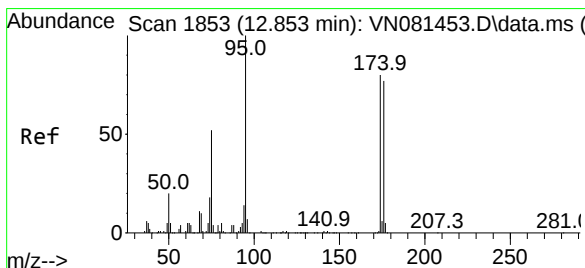
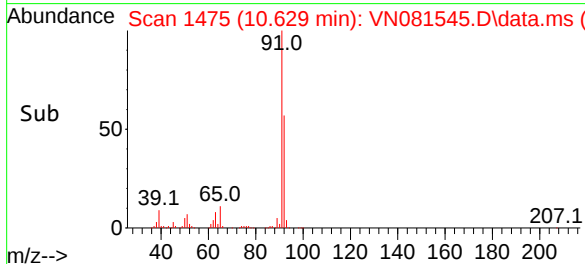
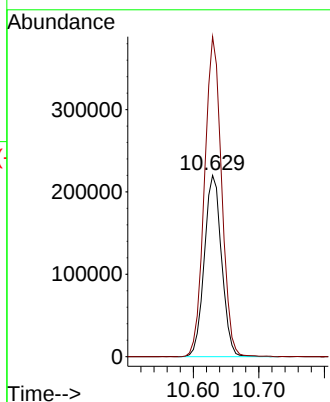
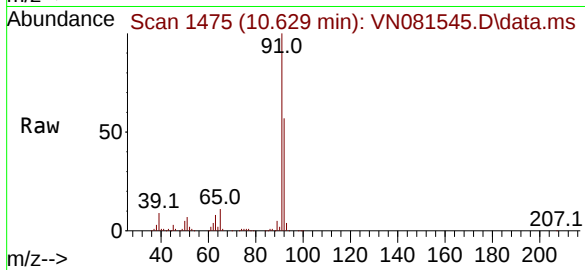




#52
Toluene
Concen: 25.084 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

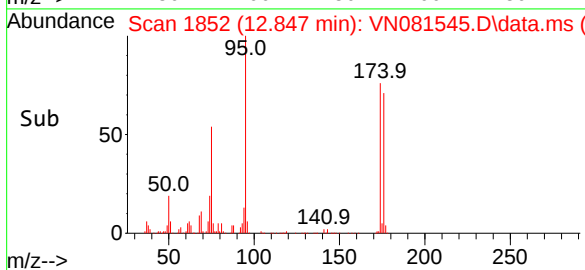
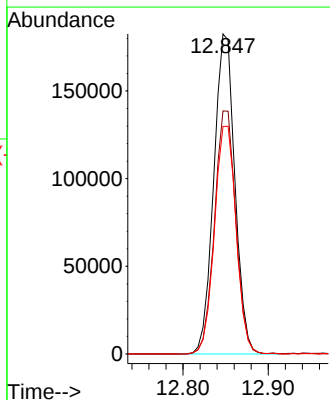
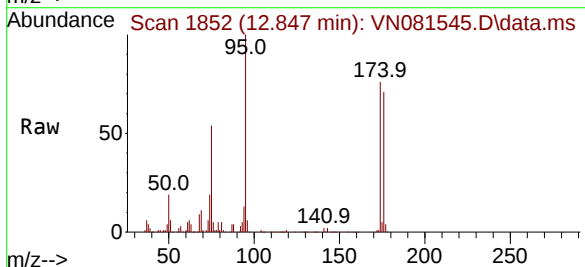
Instrument :
MSVOA_N
ClientSampleId :
S-12DL

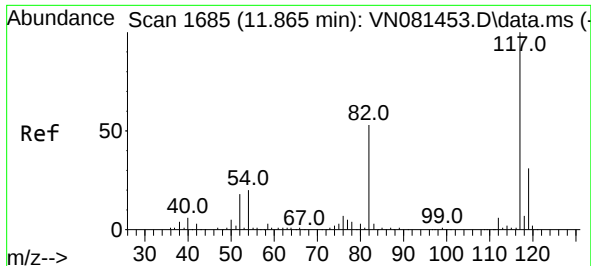
Tgt Ion: 92 Resp: 402579
Ion Ratio Lower Upper
92 100
91 175.0 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 48.118 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

Tgt Ion: 95 Resp: 314557
Ion Ratio Lower Upper
95 100
174 76.7 0.0 120.4
176 72.9 0.0 121.0

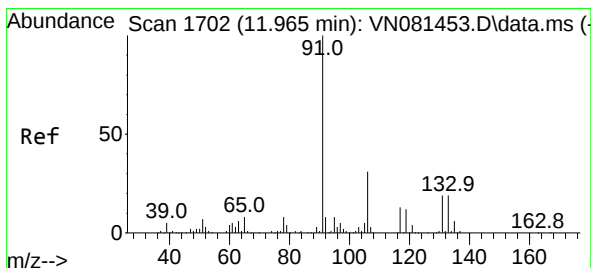
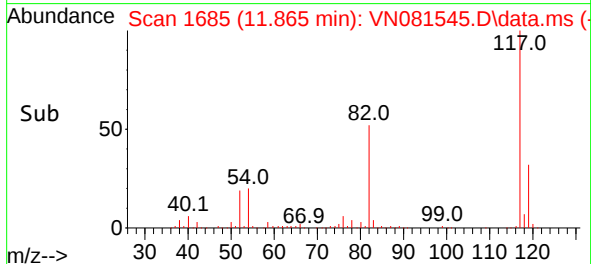
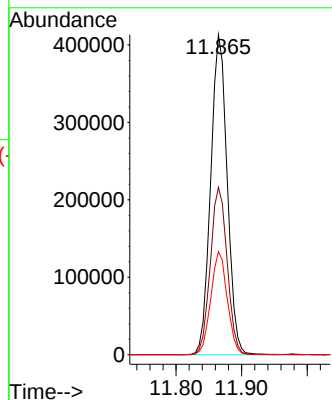
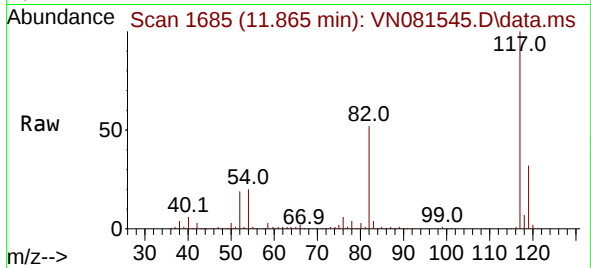




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

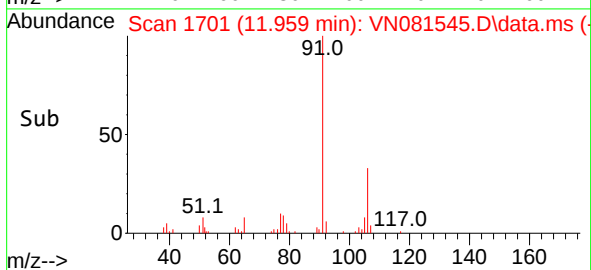
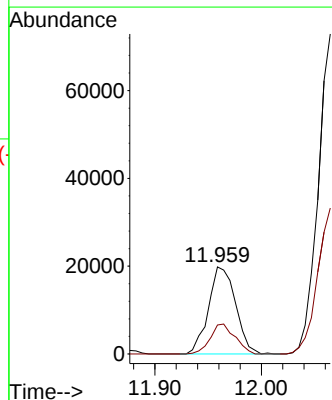
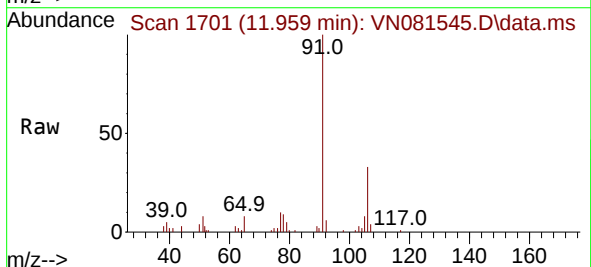
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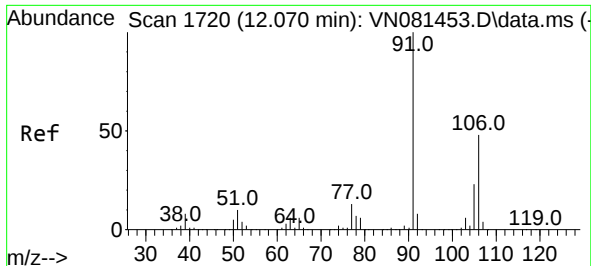
Tgt Ion:117 Resp: 724575
Ion Ratio Lower Upper
117 100
82 52.3 52.7 79.1#
119 32.2 25.3 37.9



#67
Ethyl Benzene
Concen: 1.179 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

Tgt Ion: 91 Resp: 35092
Ion Ratio Lower Upper
91 100
106 33.3 23.8 35.6

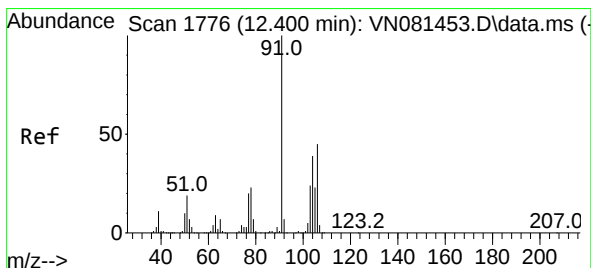
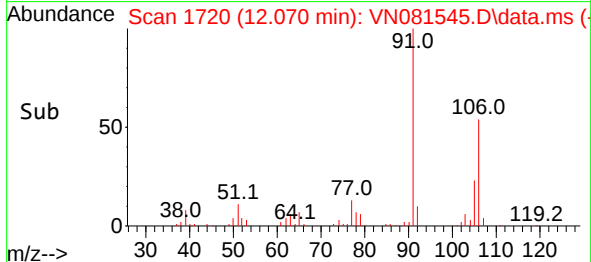
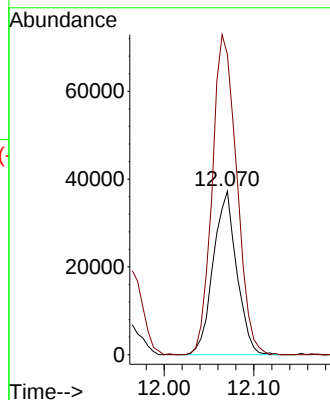
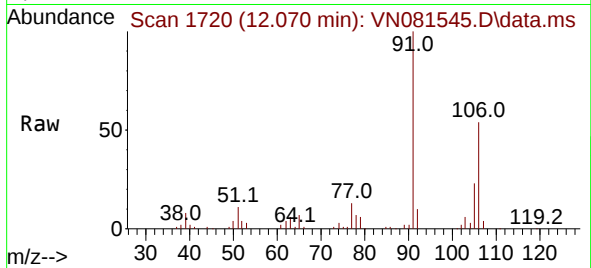




#68
m/p-Xylenes
Concen: 6.066 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

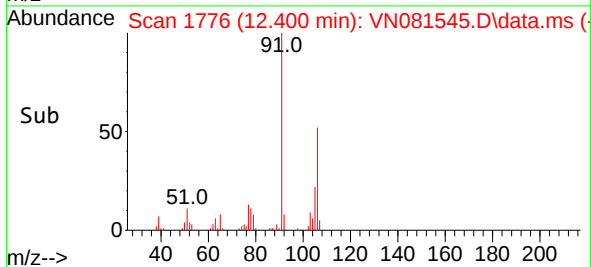
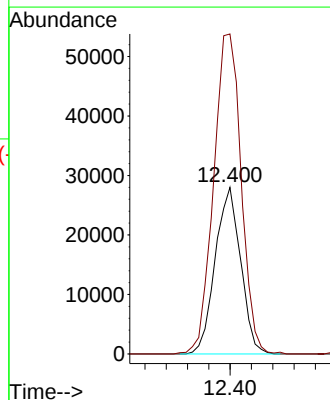
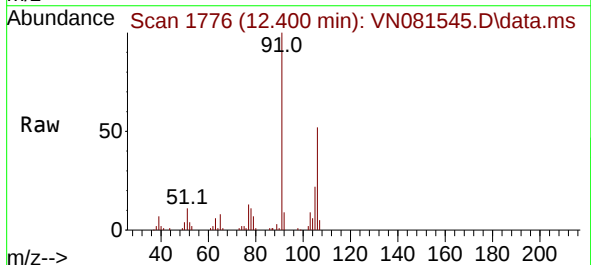
Instrument :
MSVOA_N
ClientSampleId :
S-12DL

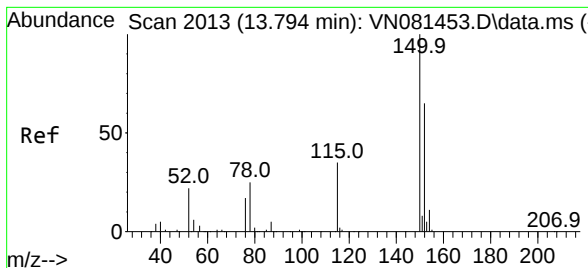
Tgt Ion:106 Resp: 67661
Ion Ratio Lower Upper
106 100
91 204.6 169.0 253.6



#69
o-Xylene
Concen: 4.232 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

Tgt Ion:106 Resp: 46348
Ion Ratio Lower Upper
106 100
91 208.3 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081545.D

Acq: 22 Mar 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

S-12DL

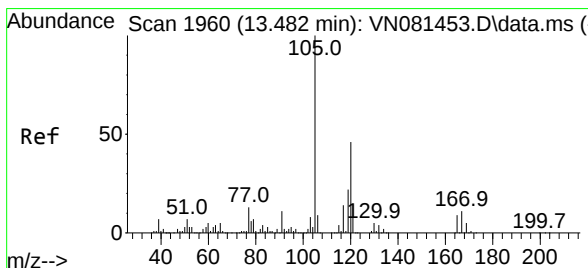
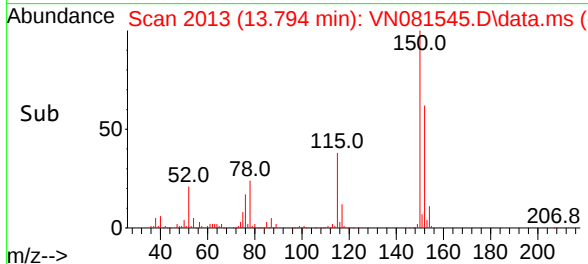
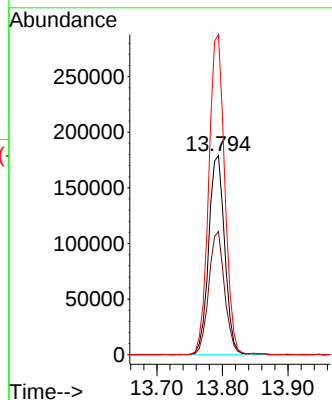
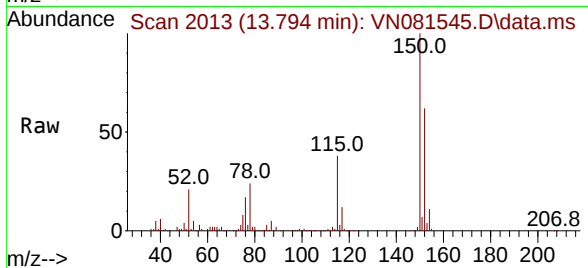
Tgt Ion:152 Resp: 304516

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 159.8 0.0 339.8



#84

1,2,4-Trimethylbenzene

Concen: 1.670 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081545.D

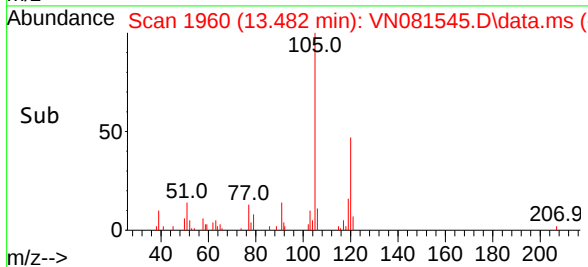
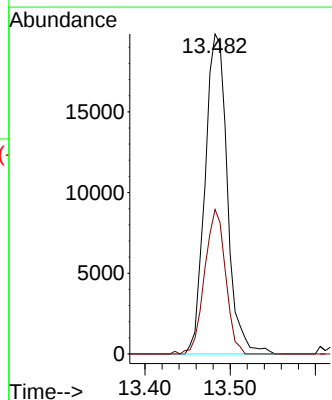
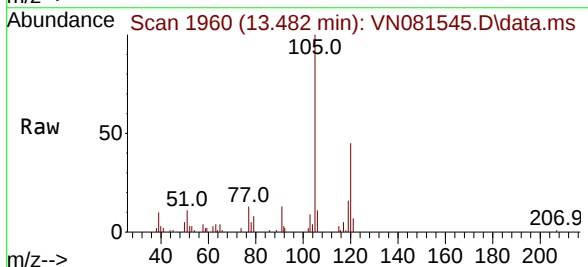
Acq: 22 Mar 2024 14:03

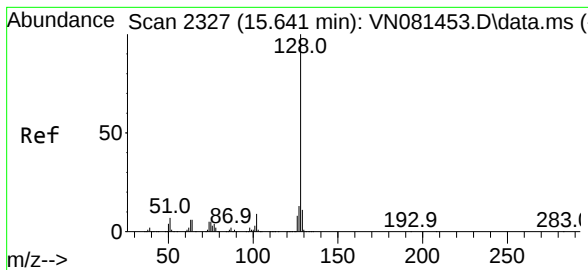
Tgt Ion:105 Resp: 35988

Ion Ratio Lower Upper

105 100

120 42.3 20.9 62.7





#95
Naphthalene
Concen: 28.080 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081545.D
Acq: 22 Mar 2024 14:03

Instrument :
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S-12DL

Tgt Ion:	128	Resp:	596558
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.8	8.7	13.1

