

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081543.D
 Acq On : 22 Mar 2024 13:15
 Operator : JC\MD
 Sample : P1798-09DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-9DL

Quant Time: Mar 23 00:13:13 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)

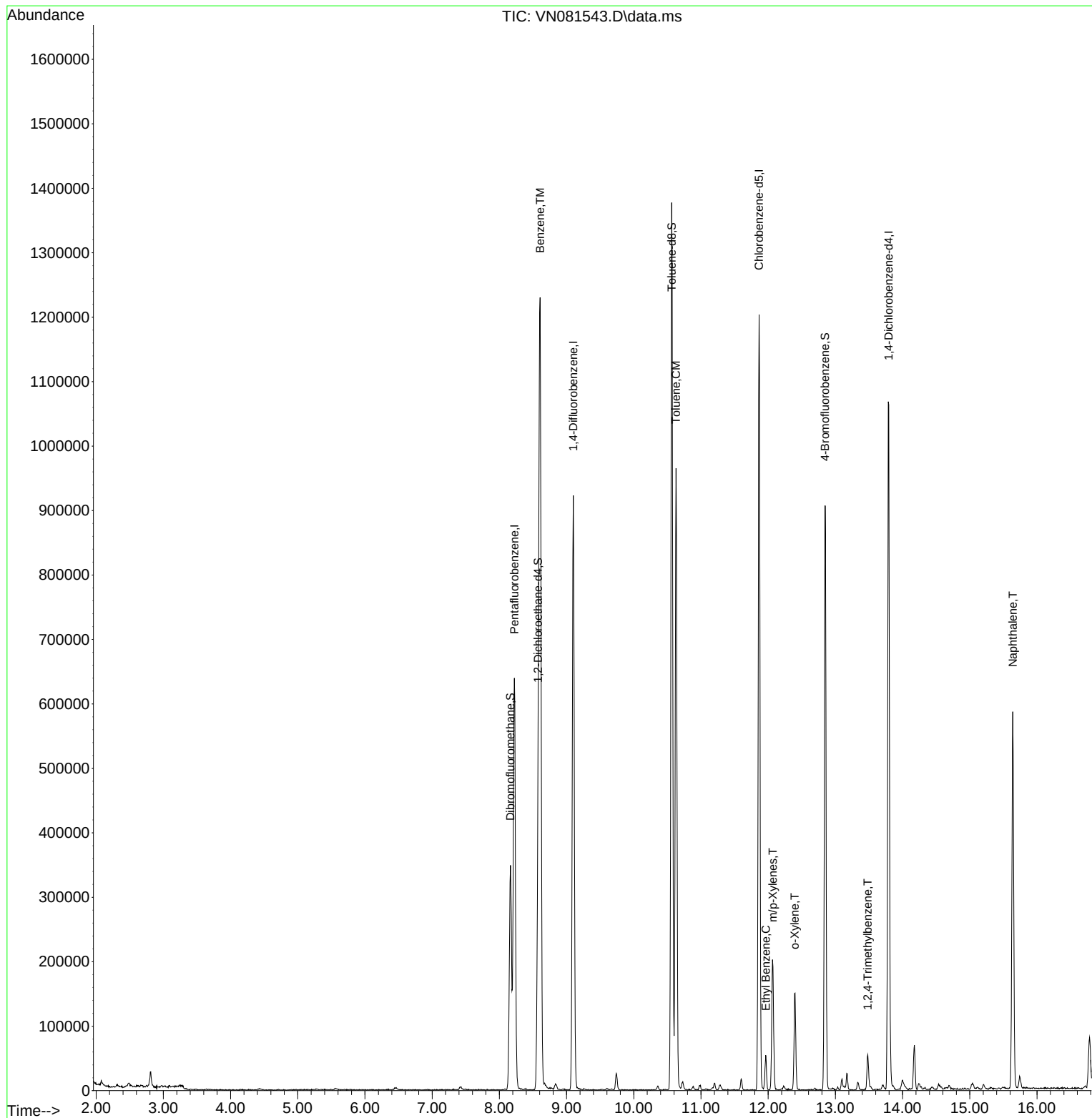
Internal Standards						
1) Pentafluorobenzene	8.224	168	477013	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	817296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	720767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	292287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	293923	48.317	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.640%
35) Dibromofluoromethane	8.165	113	248746	48.226	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	10.565	98	966743	51.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.700%
62) 4-Bromofluorobenzene	12.847	95	312463	47.560	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.120%
Target Compounds						
						Qvalue
40) Benzene	8.606	78	1246793	49.130	ug/l	94
52) Toluene	10.629	92	425472	26.378	ug/l	99
67) Ethyl Benzene	11.965	91	34515	1.166	ug/l	99
68) m/p-Xylenes	12.070	106	67163	6.053	ug/l	93
69) o-Xylene	12.394	106	40158	3.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	32827	1.587	ug/l	99
95) Naphthalene	15.641	128	542795	26.618	ug/l	99

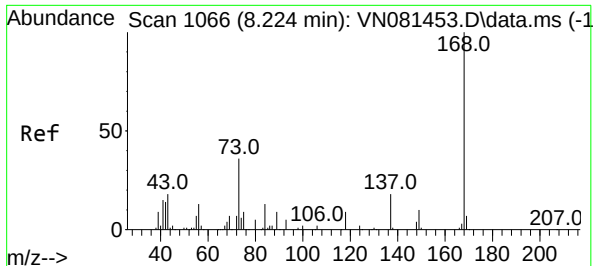
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

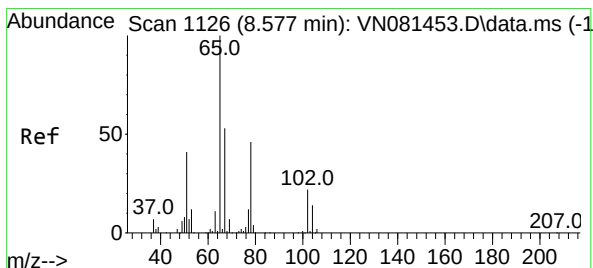
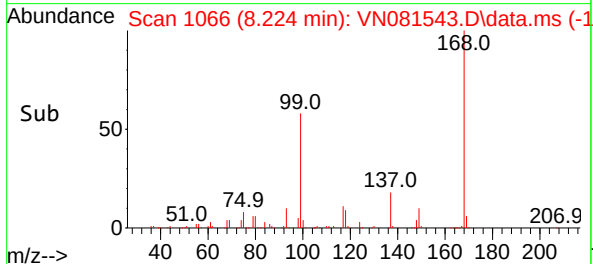
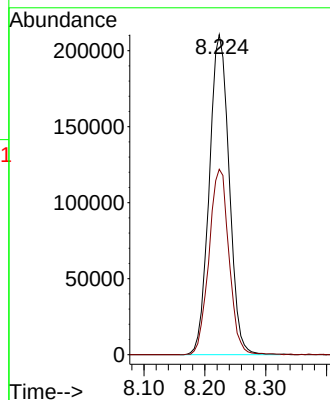
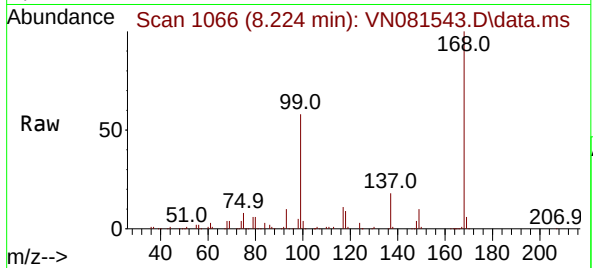




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

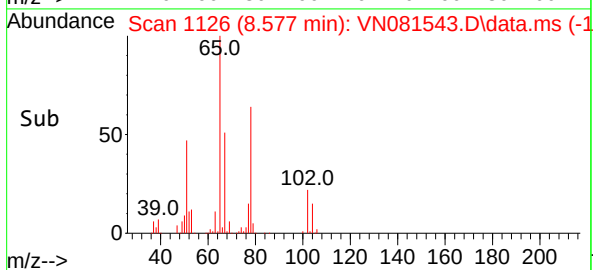
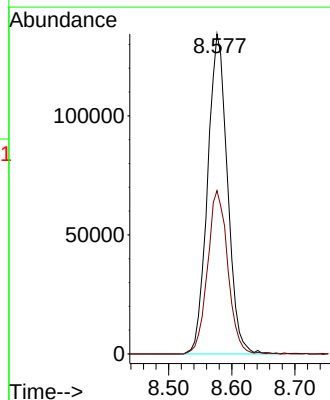
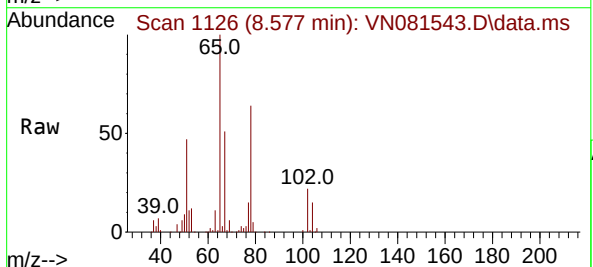
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

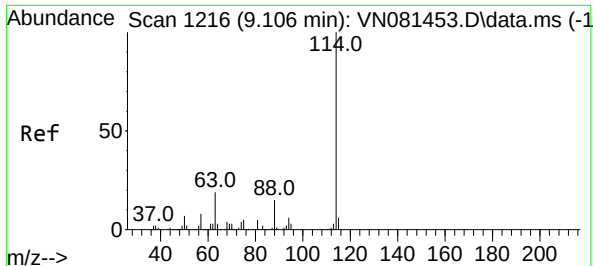
Tgt Ion:168 Resp: 477013
Ion Ratio Lower Upper
168 100
99 58.0 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 48.317 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

Tgt Ion: 65 Resp: 293923
Ion Ratio Lower Upper
65 100
67 52.0 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: VN081543.D

Acq: 22 Mar 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

S-9DL

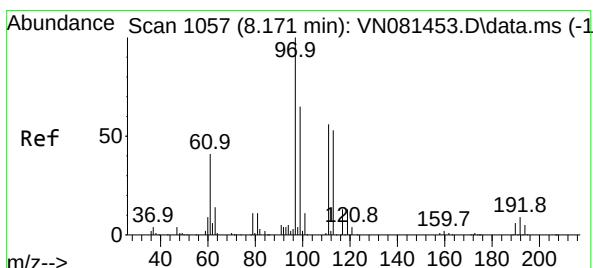
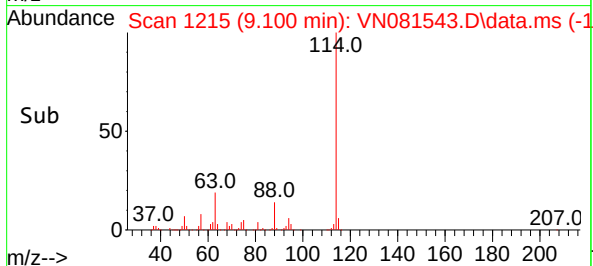
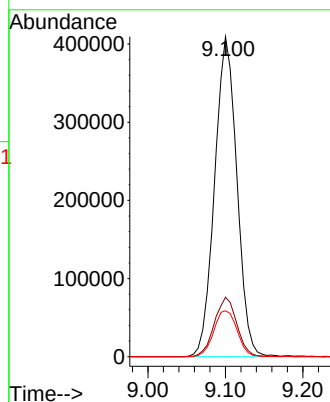
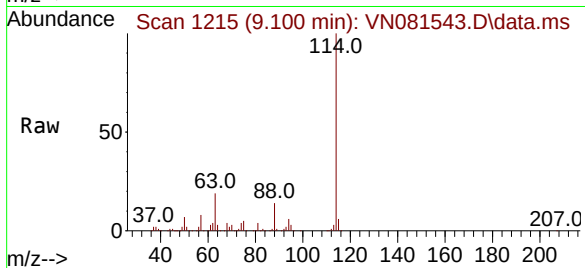
Tgt Ion:114 Resp: 817296

Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 14.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.226 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081543.D

Acq: 22 Mar 2024 13:15

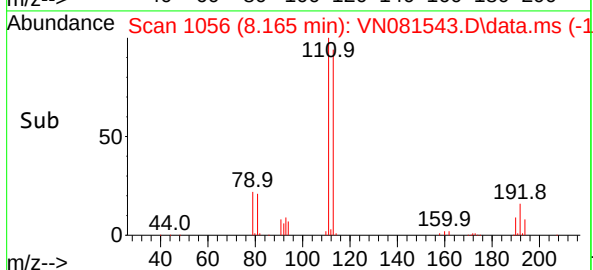
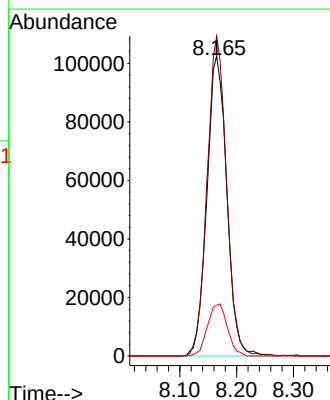
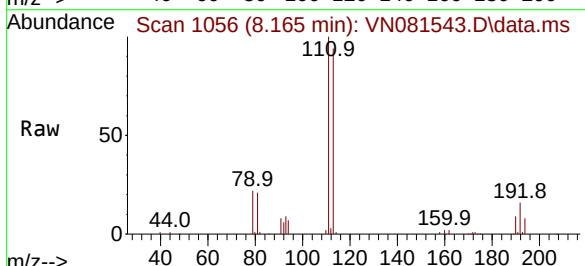
Tgt Ion:113 Resp: 248746

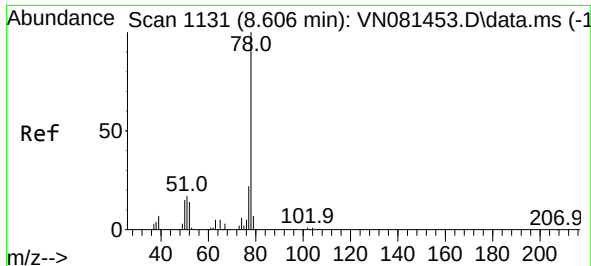
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 17.4 12.5 18.7

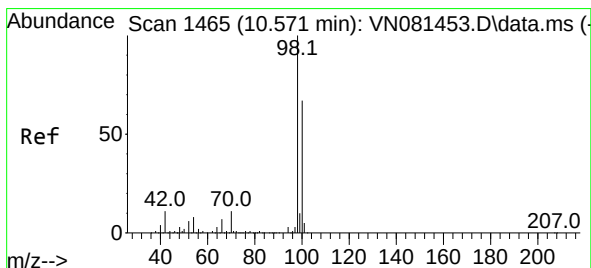
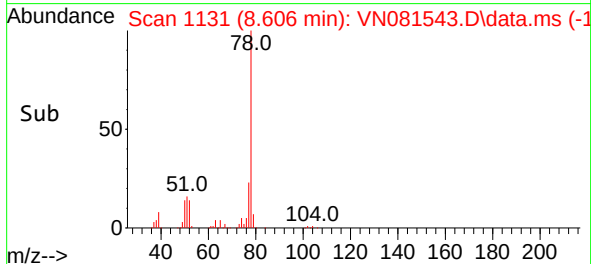
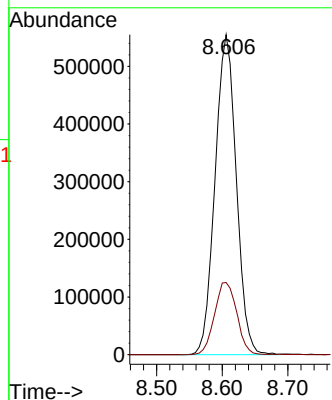
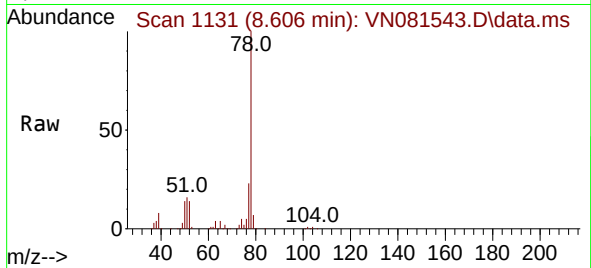




#40
Benzene
Concen: 49.130 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

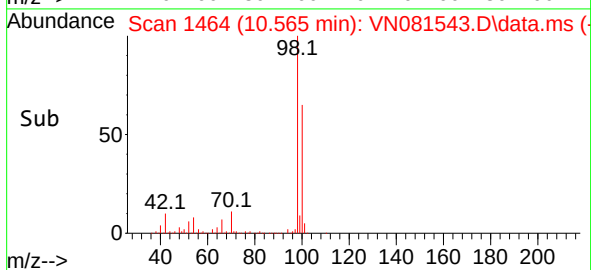
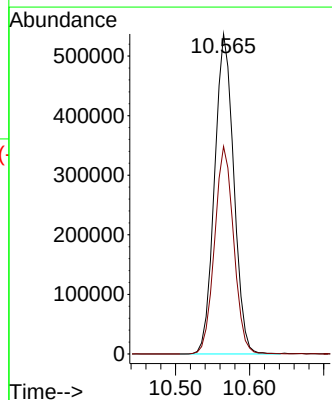
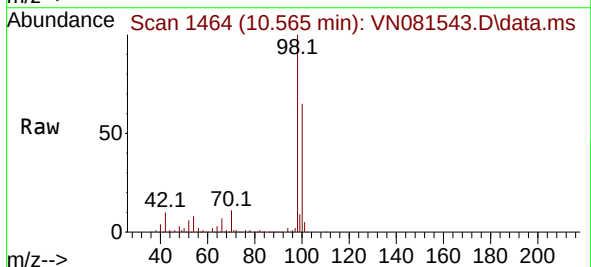
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

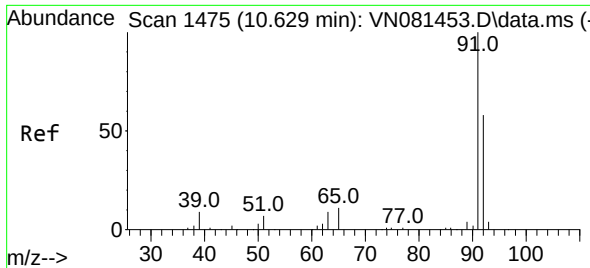
Tgt Ion: 78 Resp: 1246793
Ion Ratio Lower Upper
78 100
77 22.5 20.4 30.6



#50
Toluene-d8
Concen: 51.849 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

Tgt Ion: 98 Resp: 966743
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0

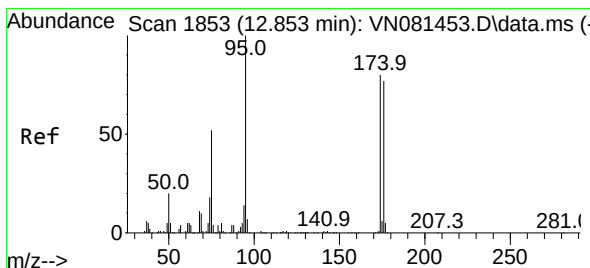
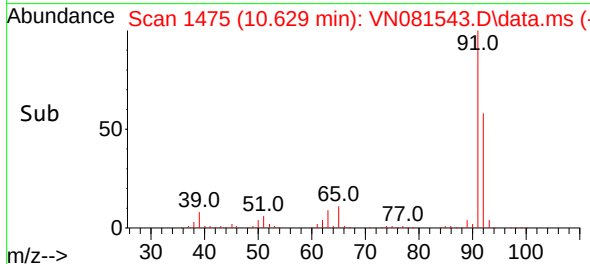
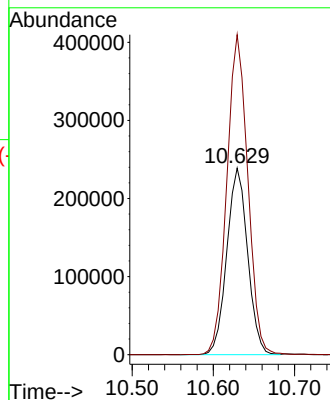
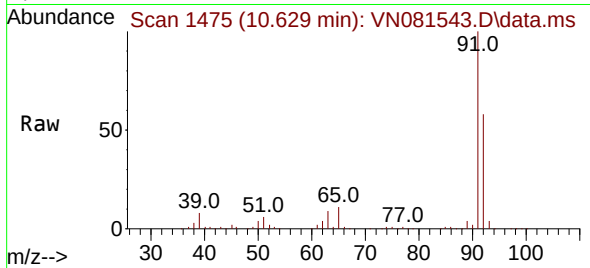




#52
Toluene
Concen: 26.378 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

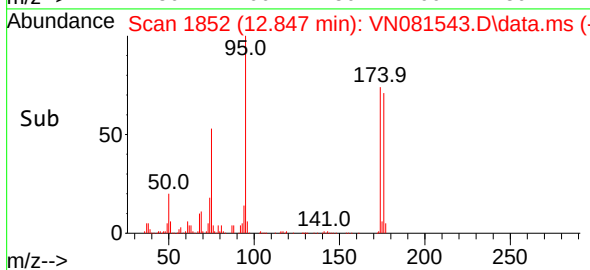
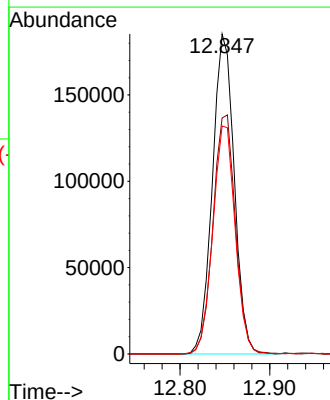
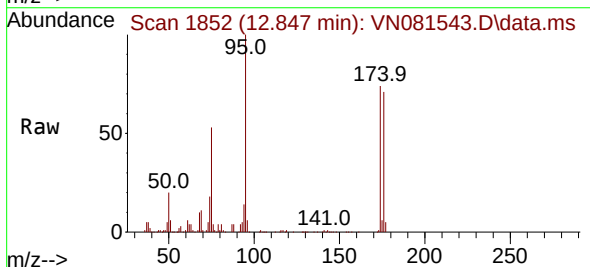
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

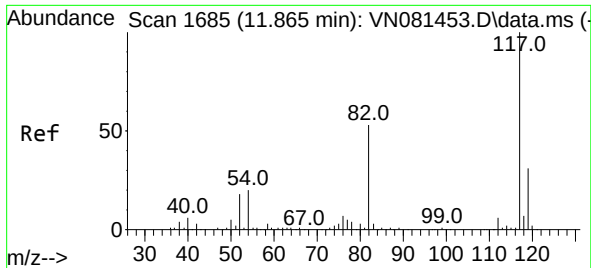
Tgt Ion: 92 Resp: 425472
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.560 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

Tgt Ion: 95 Resp: 312463
Ion Ratio Lower Upper
95 100
174 76.7 0.0 120.4
176 73.4 0.0 121.0

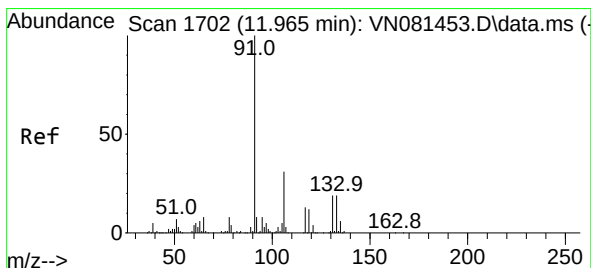
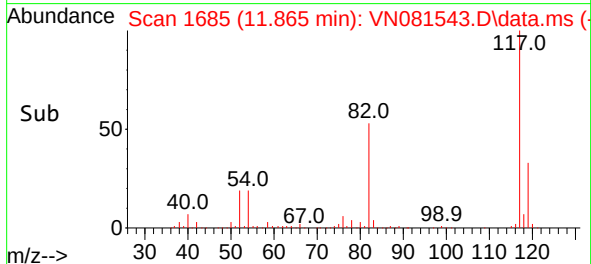
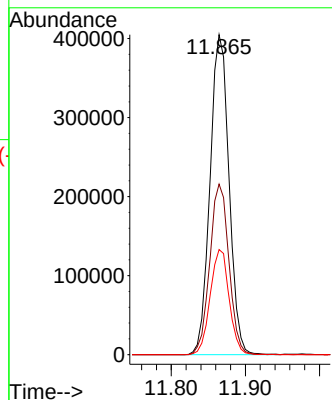
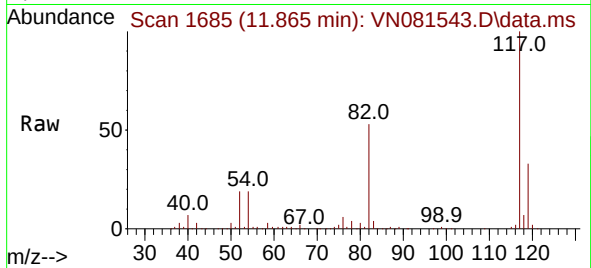




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

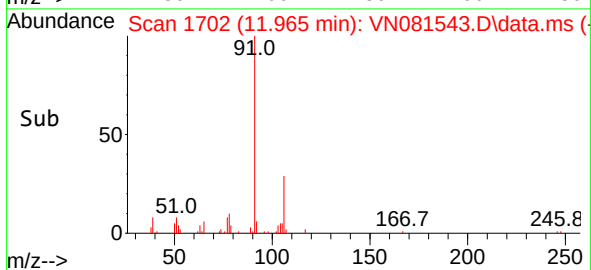
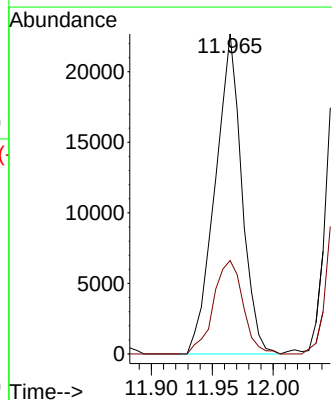
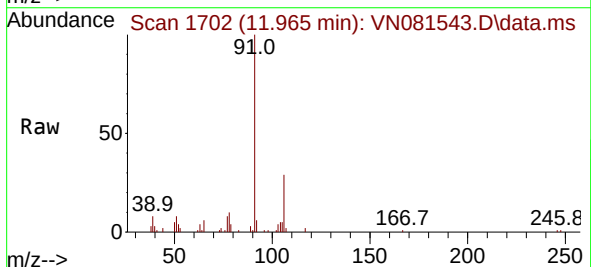
Instrument :
MSVOA_N
ClientSampleId :
S-9DL

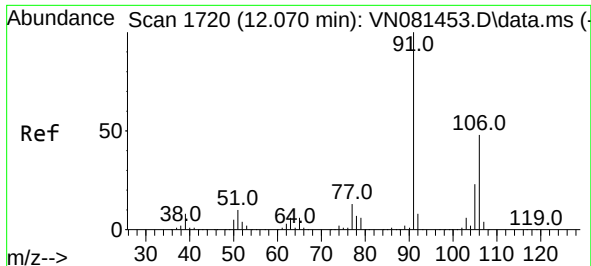
Tgt Ion:117 Resp: 720767
Ion Ratio Lower Upper
117 100
82 53.3 52.7 79.1
119 32.9 25.3 37.9



#67
Ethyl Benzene
Concen: 1.166 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

Tgt Ion: 91 Resp: 34515
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.6

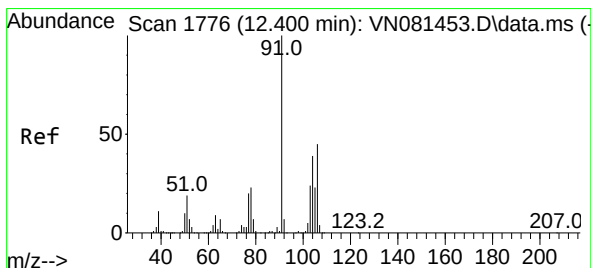
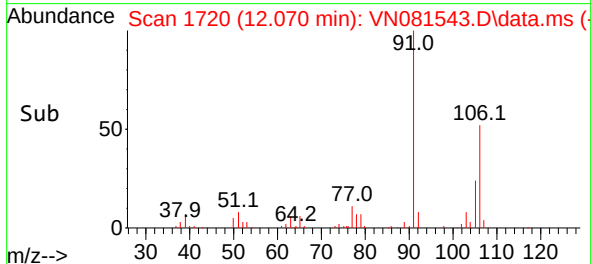
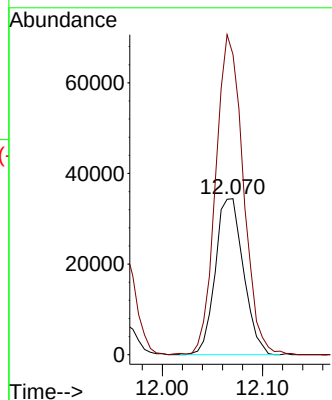
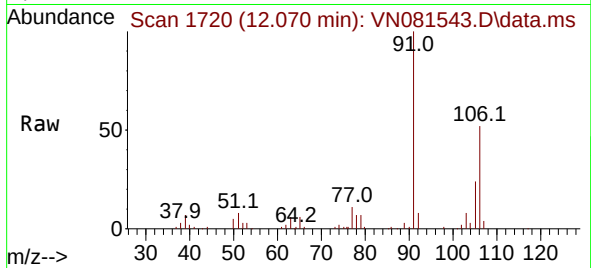




#68
m/p-Xylenes
Concen: 6.053 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

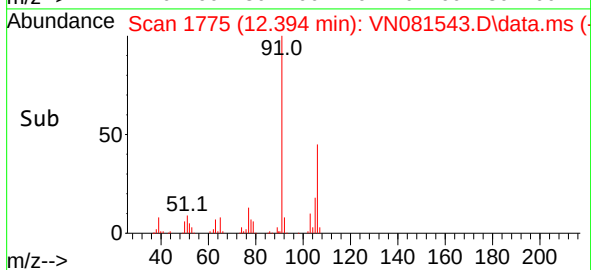
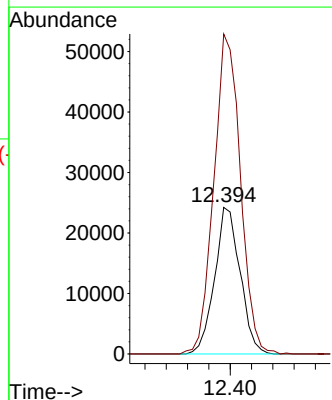
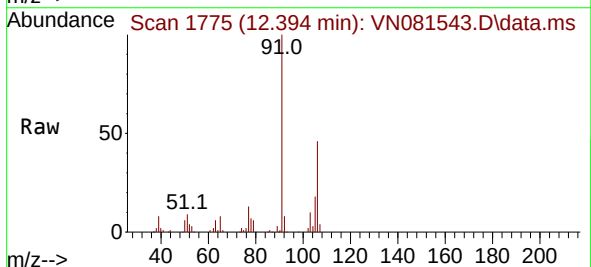
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ClientSampleId :
S-9DL

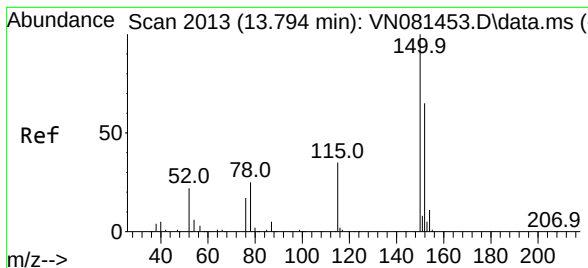
Tgt Ion:106 Resp: 67163
Ion Ratio Lower Upper
106 100
91 201.1 169.0 253.6



#69
o-Xylene
Concen: 3.687 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

Tgt Ion:106 Resp: 40158
Ion Ratio Lower Upper
106 100
91 227.8 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081543.D

Acq: 22 Mar 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

S-9DL

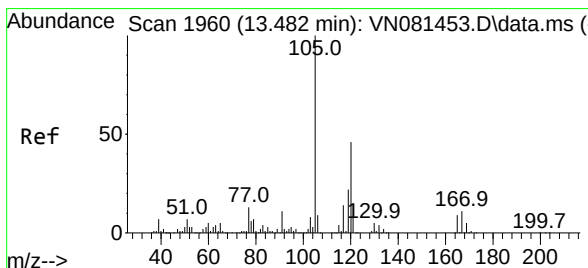
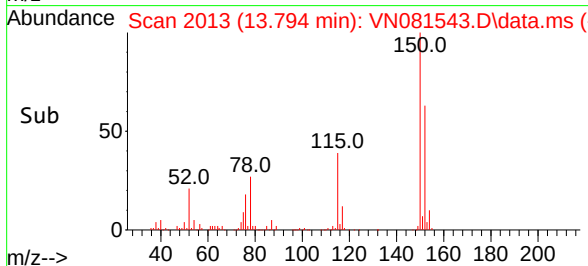
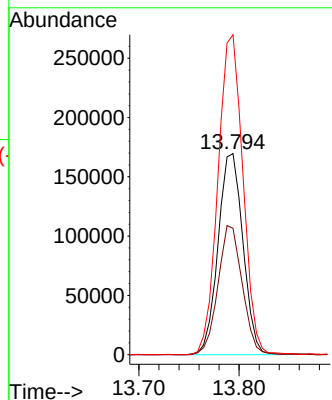
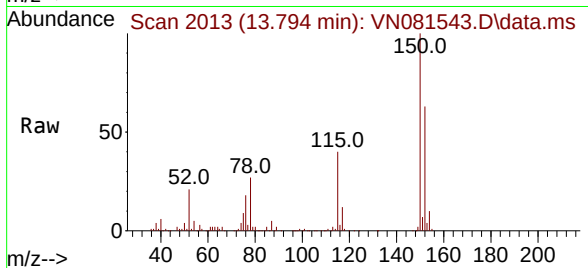
Tgt Ion:152 Resp: 292287

Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 159.8 0.0 339.8



#84

1,2,4-Trimethylbenzene

Concen: 1.587 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081543.D

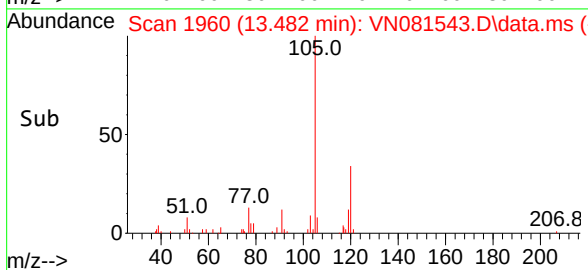
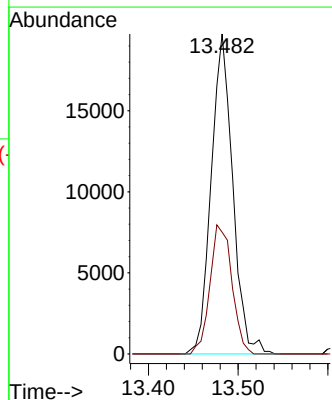
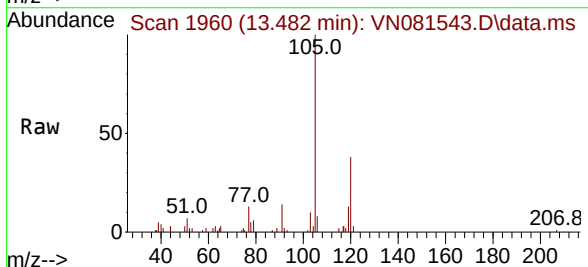
Acq: 22 Mar 2024 13:15

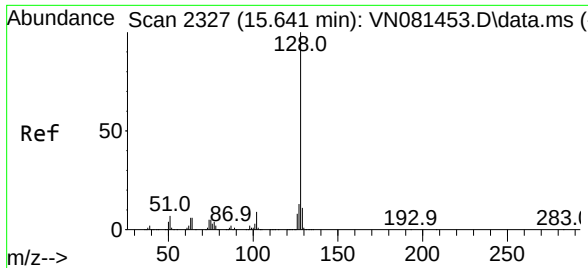
Tgt Ion:105 Resp: 32827

Ion Ratio Lower Upper

105 100

120 41.2 20.9 62.7





#95
Naphthalene
Concen: 26.618 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081543.D
Acq: 22 Mar 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
S-9DL

Tgt Ion:128 Resp: 542795
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1

