

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032224\
 Data File : VN081544.D
 Acq On : 22 Mar 2024 13:39
 Operator : JC\MD
 Sample : P1798-11DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-11DL

Quant Time: Mar 23 00:13:39 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)

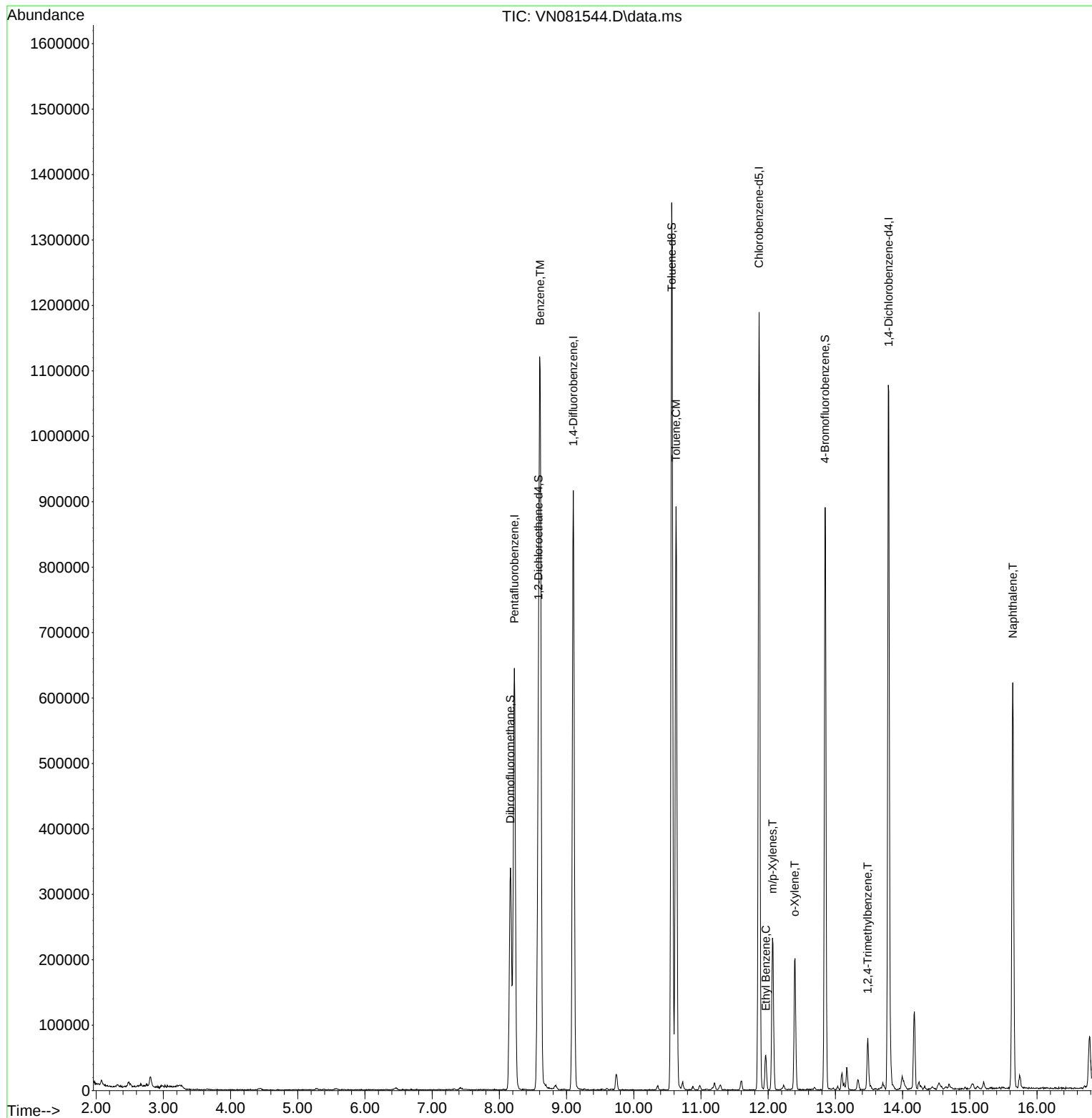
Internal Standards						
1) Pentafluorobenzene	8.224	168	468740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	824143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	706501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	298153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	292502	48.932	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.165	113	249339	47.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	10.565	98	955271	50.808	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.620%
62) 4-Bromofluorobenzene	12.847	95	309147	46.664	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.320%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	1135769	44.383	ug/l	95
52) Toluene	10.629	92	396261	24.363	ug/l	100
67) Ethyl Benzene	11.965	91	40452	1.394	ug/l	95
68) m/p-Xylenes	12.065	106	76166	7.003	ug/l	97
69) o-Xylene	12.394	106	53862	5.044	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	44952	2.131	ug/l	98
95) Naphthalene	15.641	128	585036	28.125	ug/l	99

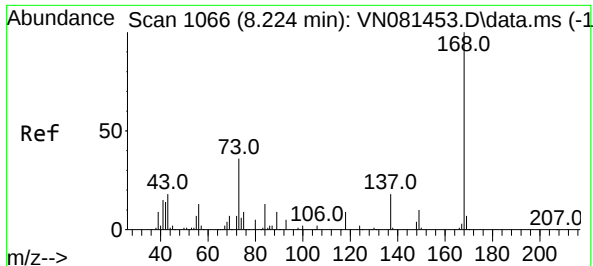
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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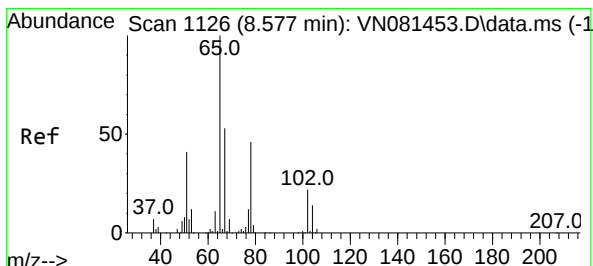
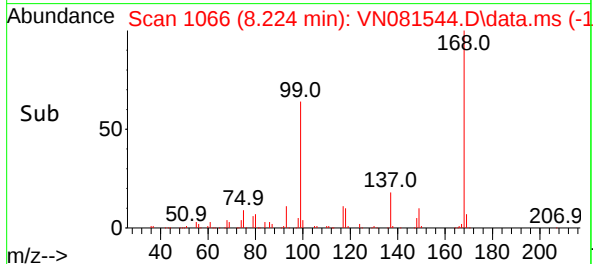
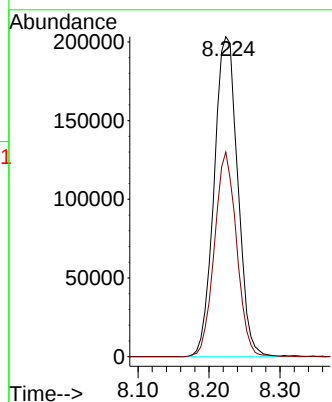
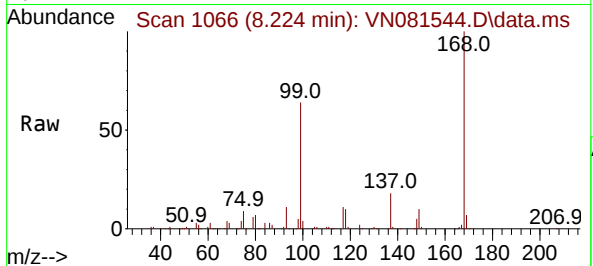




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

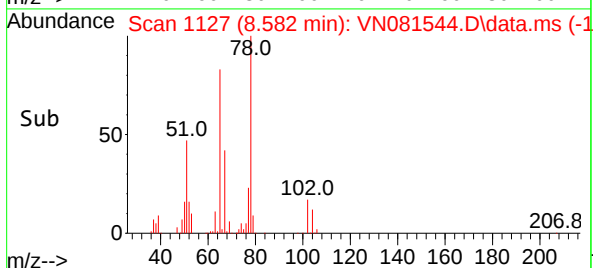
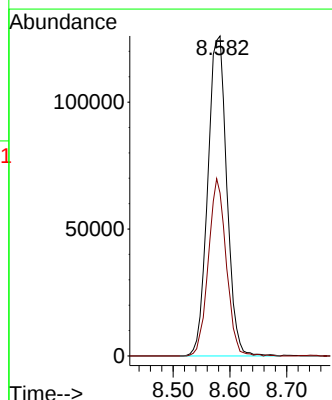
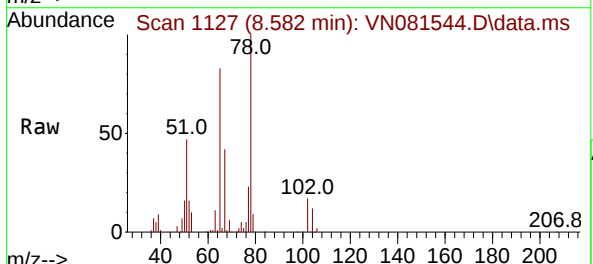
Instrument :
MSVOA_N
ClientSampleId :
S-11DL

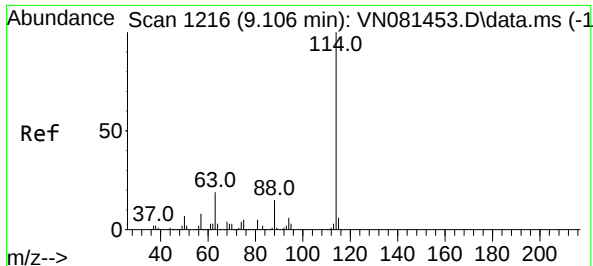
Tgt Ion:168 Resp: 468740
Ion Ratio Lower Upper
168 100
99 64.0 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 48.932 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

Tgt Ion: 65 Resp: 292502
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# 1

Delta R.T. -0.006 min

Lab File: VN081544.D

Acq: 22 Mar 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

S-11DL

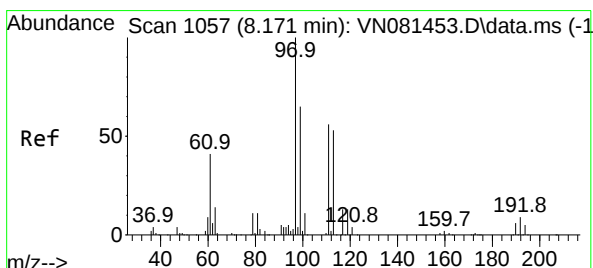
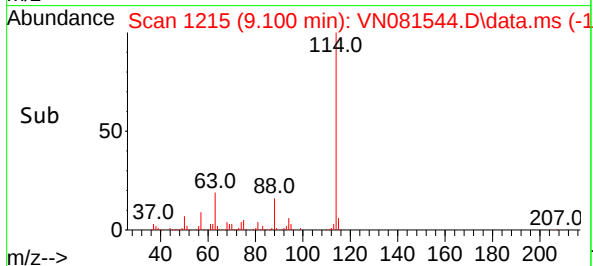
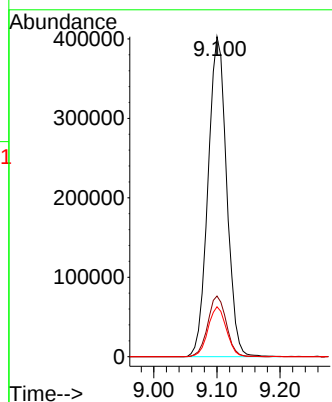
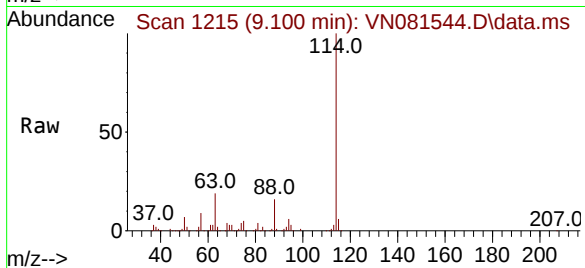
Tgt Ion:114 Resp: 824143

Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 15.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.939 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081544.D

Acq: 22 Mar 2024 13:39

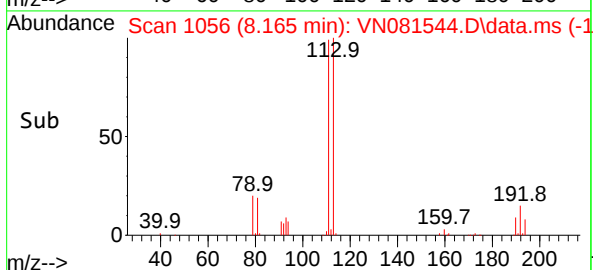
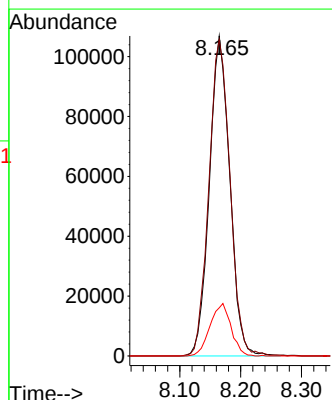
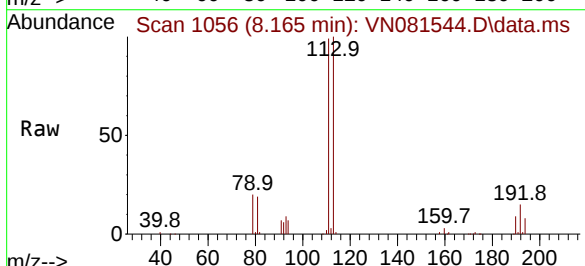
Tgt Ion:113 Resp: 249339

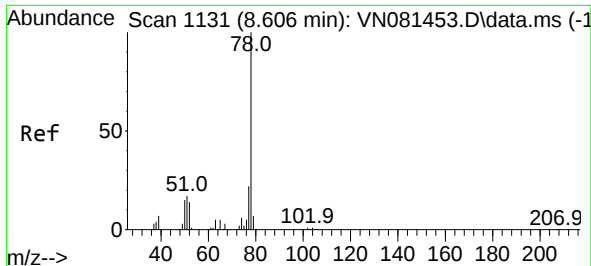
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 16.8 12.5 18.7

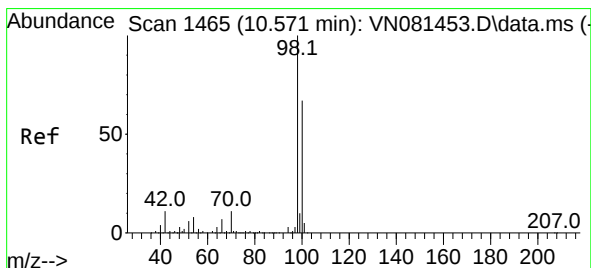
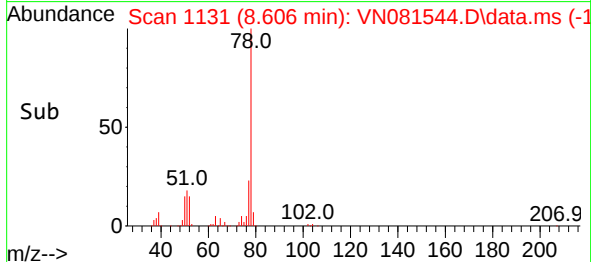
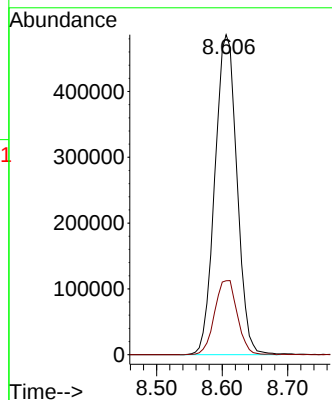
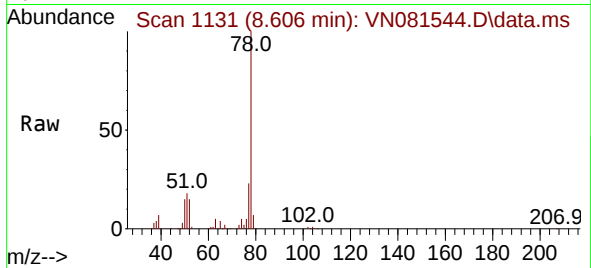




#40
Benzene
Concen: 44.383 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

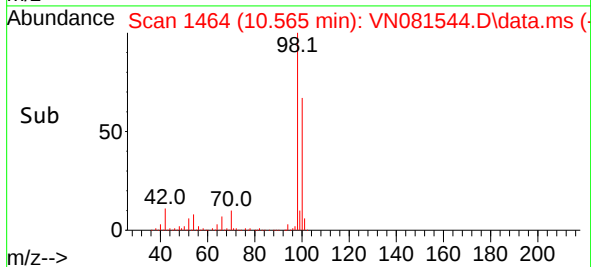
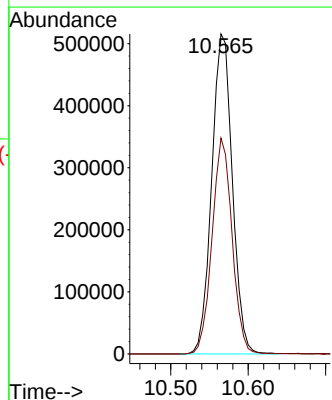
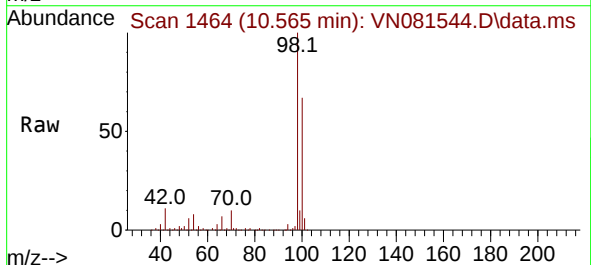
Instrument :
MSVOA_N
ClientSampleId :
S-11DL

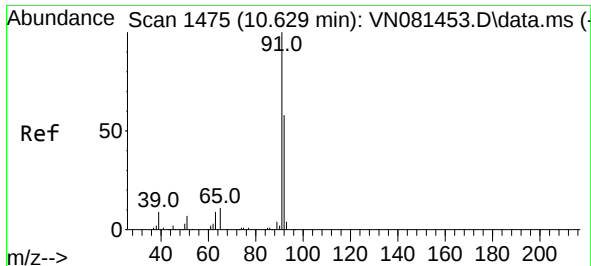
Tgt Ion: 78 Resp: 1135769
Ion Ratio Lower Upper
78 100
77 23.1 20.4 30.6



#50
Toluene-d8
Concen: 50.808 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

Tgt Ion: 98 Resp: 955271
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

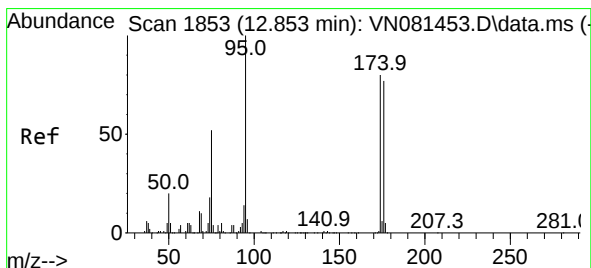
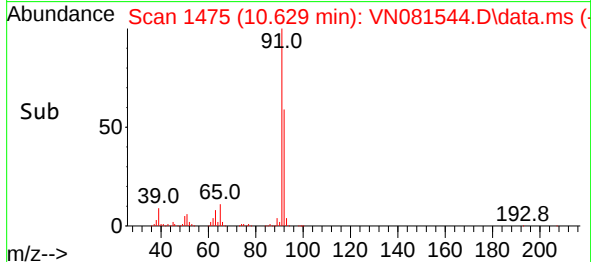
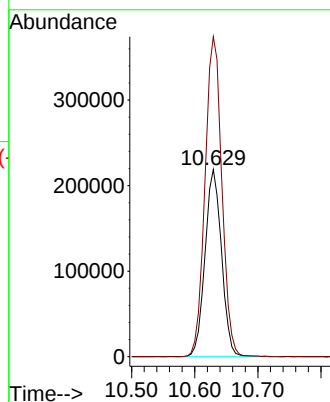
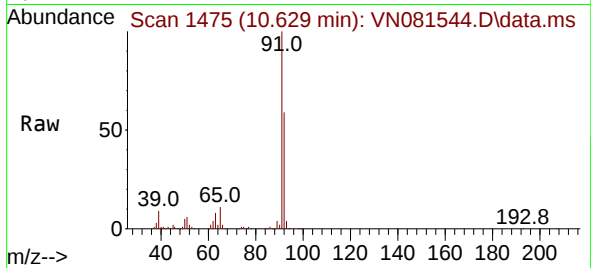




#52
Toluene
Concen: 24.363 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

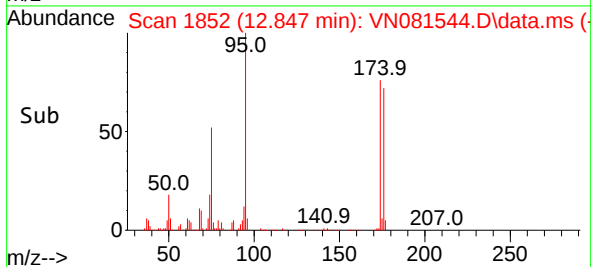
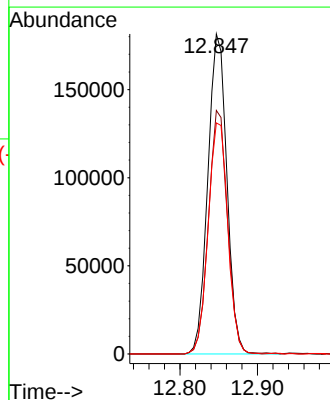
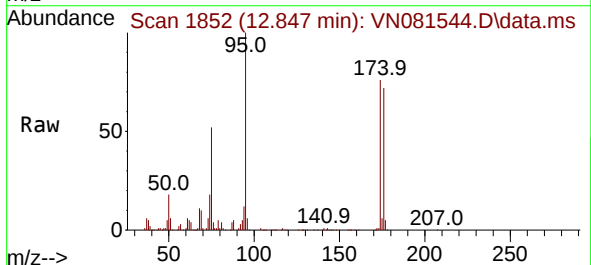
Instrument :
MSVOA_N
ClientSampleId :
S-11DL

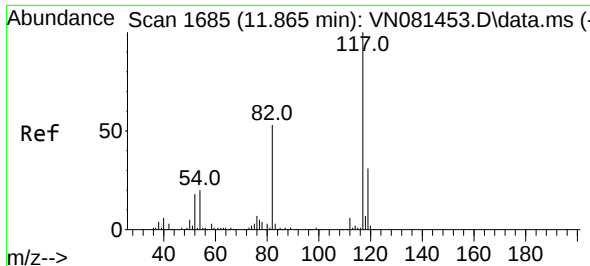
Tgt Ion: 92 Resp: 396261
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.664 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

Tgt Ion: 95 Resp: 309147
Ion Ratio Lower Upper
95 100
174 76.3 0.0 120.4
176 74.7 0.0 121.0

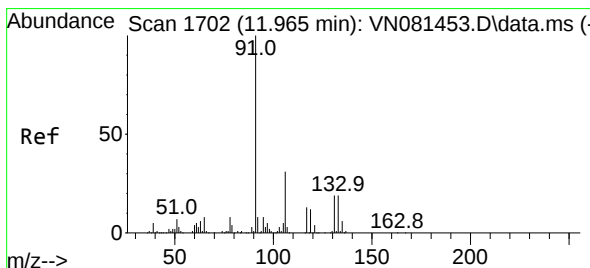
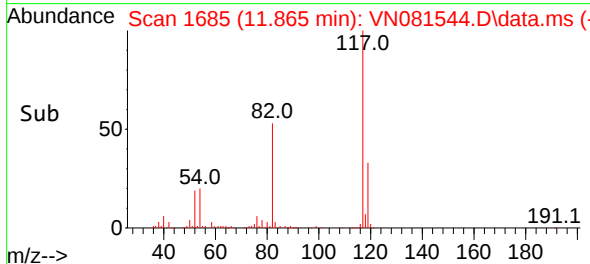
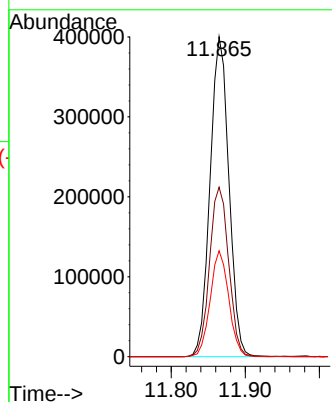
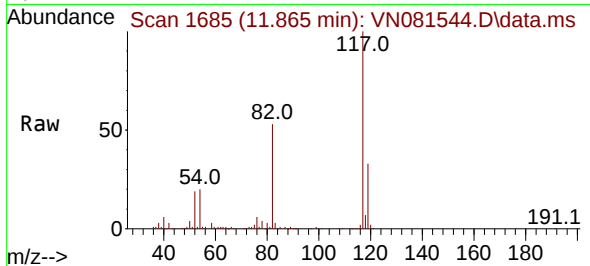




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

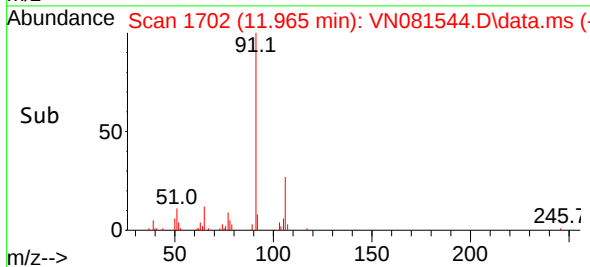
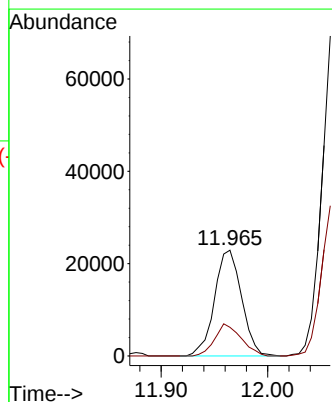
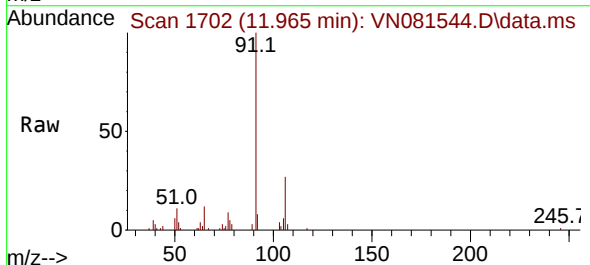
Instrument :
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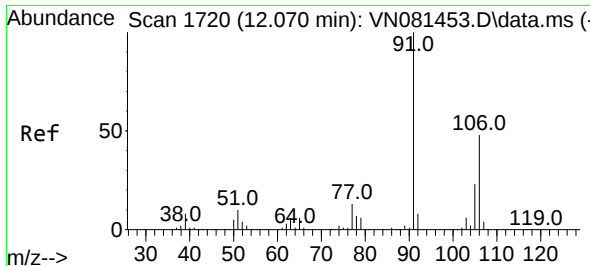
Tgt Ion:117 Resp: 706501
Ion Ratio Lower Upper
117 100
82 53.0 52.7 79.1
119 33.1 25.3 37.9



#67
Ethyl Benzene
Concen: 1.394 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

Tgt Ion: 91 Resp: 40452
Ion Ratio Lower Upper
91 100
106 27.1 23.8 35.6

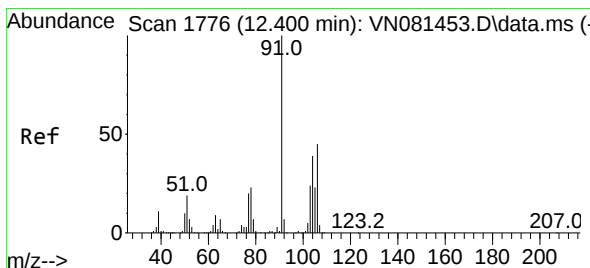
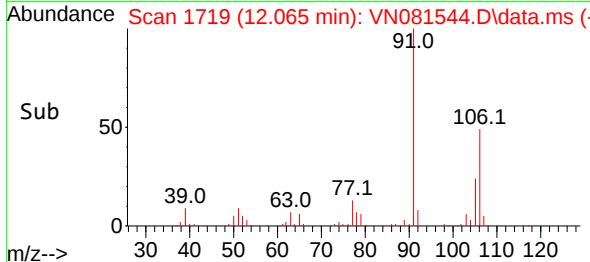
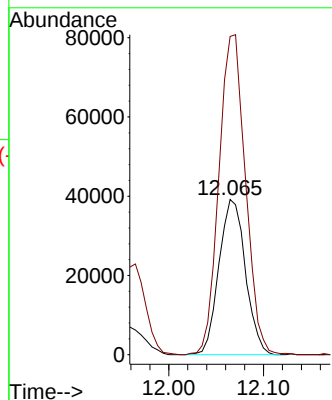
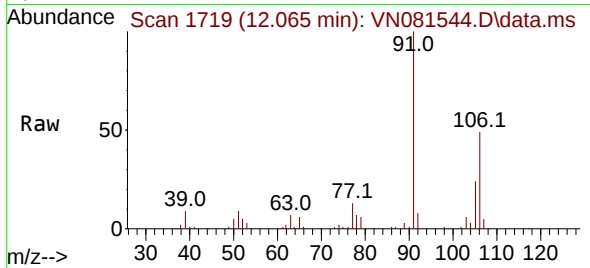




#68
m/p-Xylenes
Concen: 7.003 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

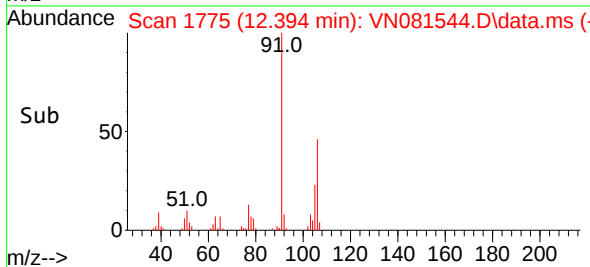
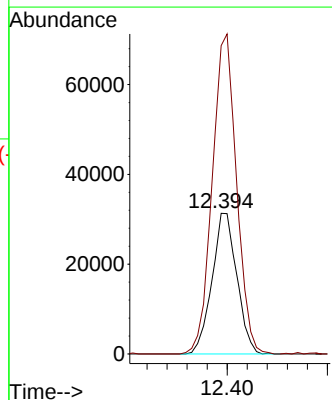
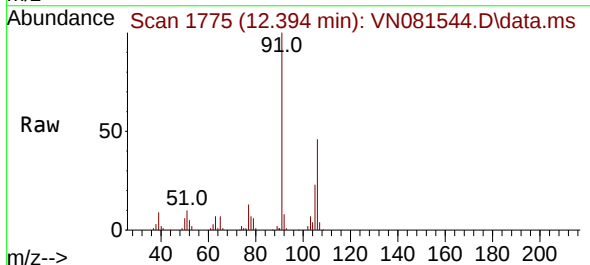
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ClientSampleId :
S-11DL

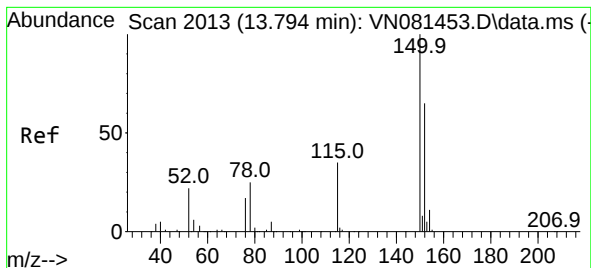
Tgt Ion:106 Resp: 76166
Ion Ratio Lower Upper
106 100
91 206.6 169.0 253.6



#69
o-Xylene
Concen: 5.044 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

Tgt Ion:106 Resp: 53862
Ion Ratio Lower Upper
106 100
91 222.2 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081544.D

Acq: 22 Mar 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

S-11DL

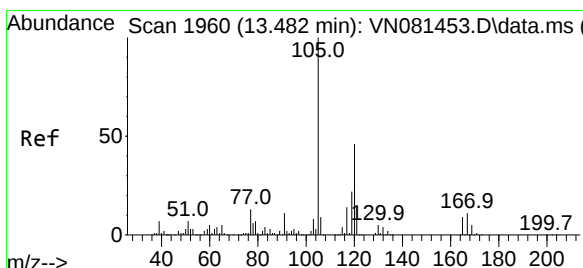
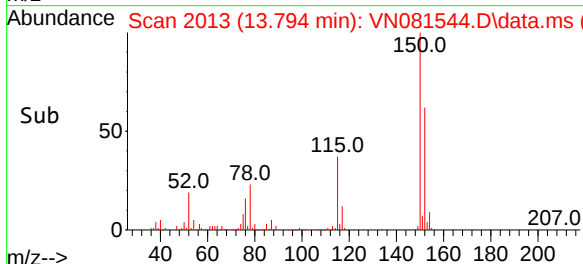
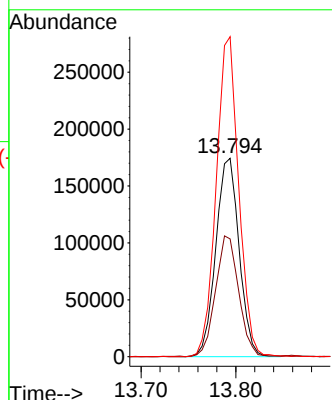
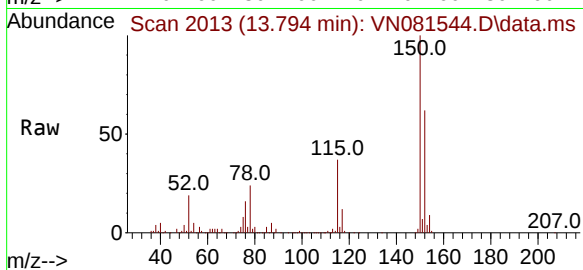
Tgt Ion:152 Resp: 298153

Ion Ratio Lower Upper

152 100

115 60.7 32.3 96.8

150 155.8 0.0 339.8



#84

1,2,4-Trimethylbenzene

Concen: 2.131 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081544.D

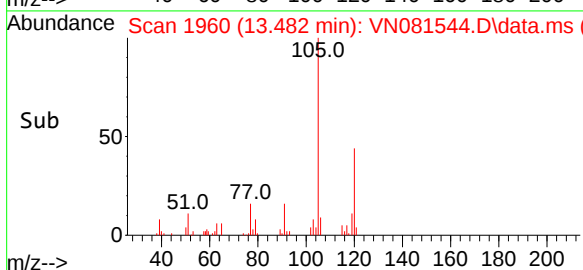
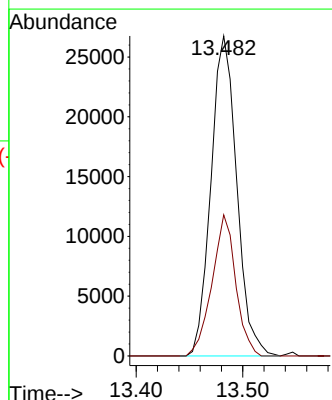
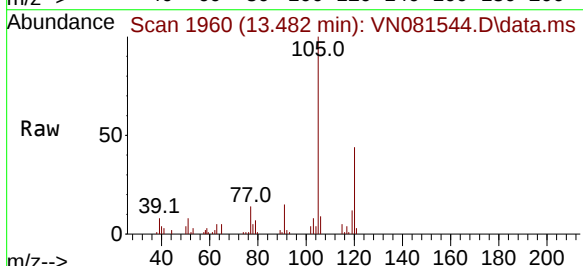
Acq: 22 Mar 2024 13:39

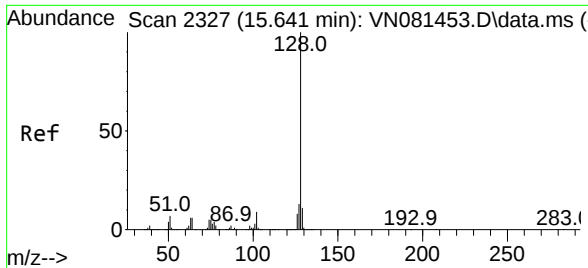
Tgt Ion:105 Resp: 44952

Ion Ratio Lower Upper

105 100

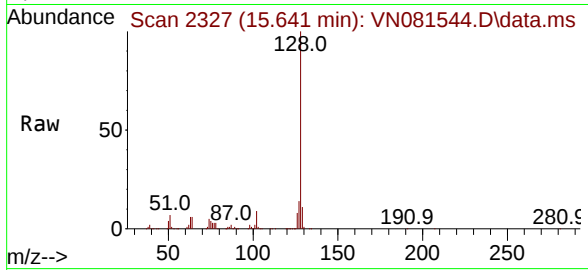
120 40.6 20.9 62.7





#95
Naphthalene
Concen: 28.125 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081544.D
Acq: 22 Mar 2024 13:39

Instrument :
MSVOA_N
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Tgt Ion:128 Resp: 585036

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	10.9	8.7	13.1

