

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
 Data File : VY021180.D
 Acq On : 12 Feb 2025 13:49
 Operator : SY/MD
 Sample : Q1354-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-021125

Quant Time: Feb 13 08:04:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

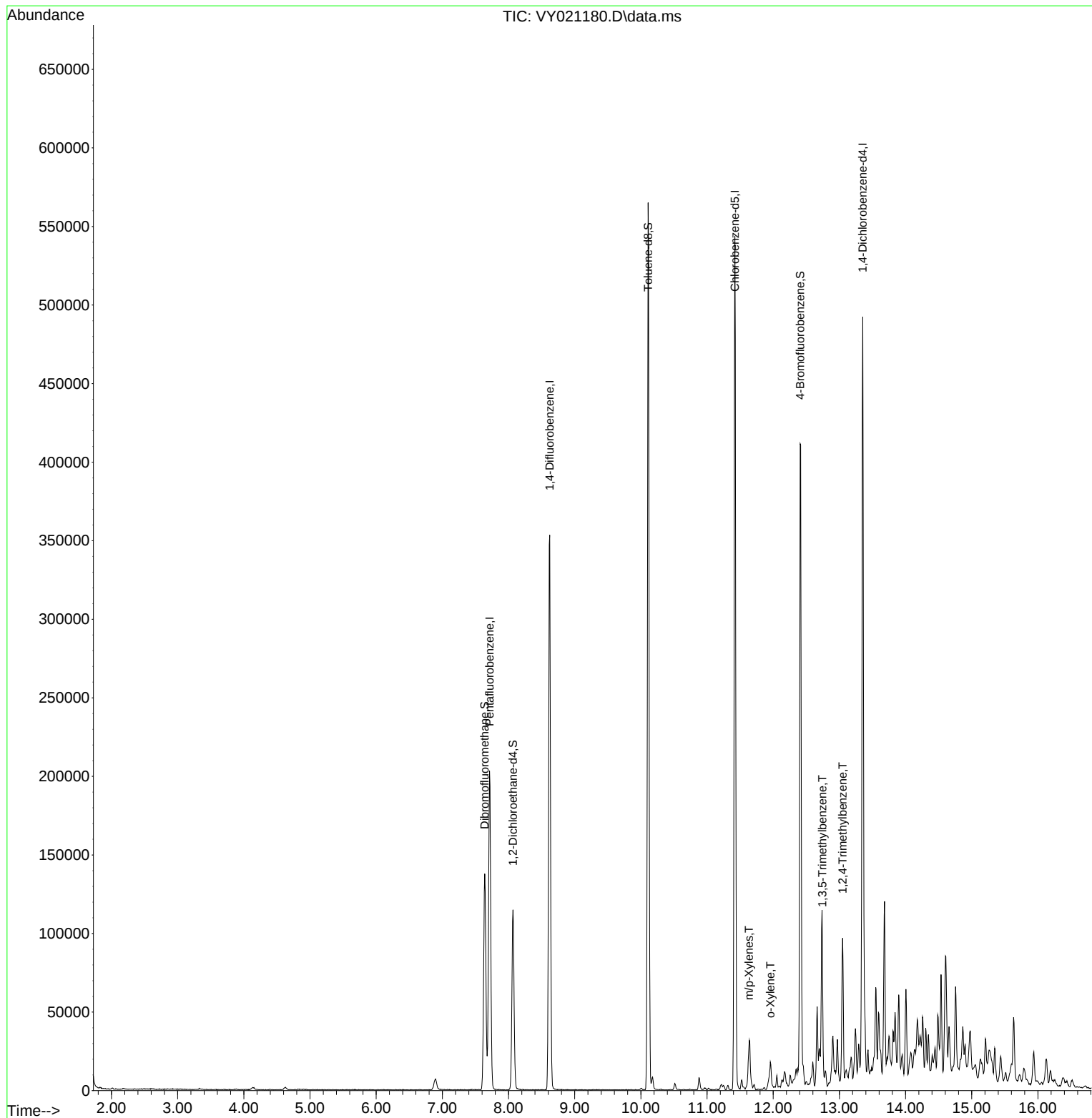
Internal Standards						
1) Pentafluorobenzene	7.713	168	151733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	289870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	272844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	116211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93111	59.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.780%	
35) Dibromofluoromethane	7.640	113	95083	51.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.109	98	352565	49.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.408	95	120964	52.354	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.700%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.633	106	5389	1.341	ug/l	96
69) o-Xylene	11.956	106	3778	1.008	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	11336	1.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	46455	6.455	ug/l	99

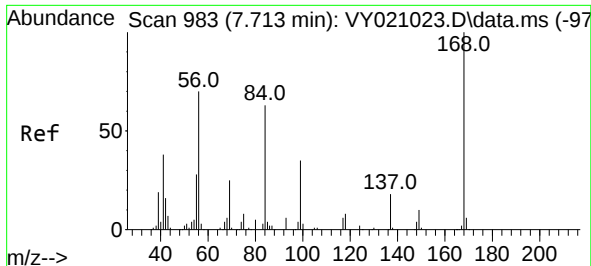
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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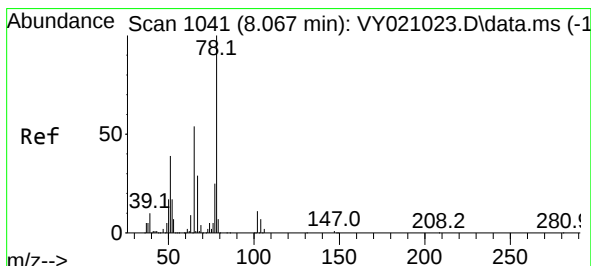
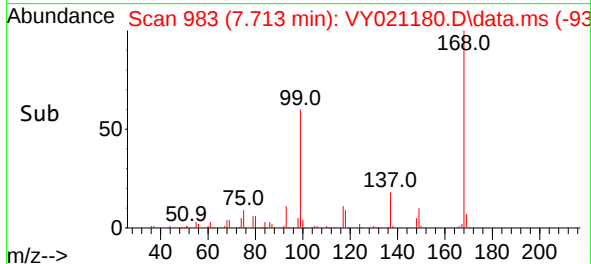
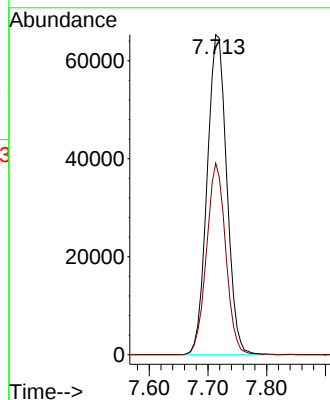
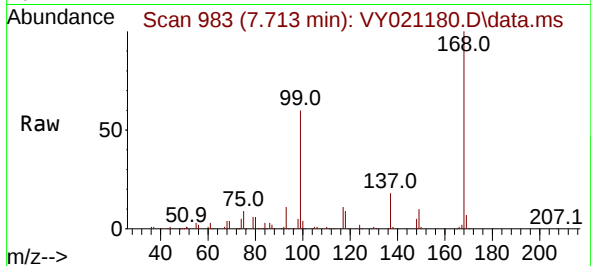




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021180.D
Acq: 12 Feb 2025 13:49

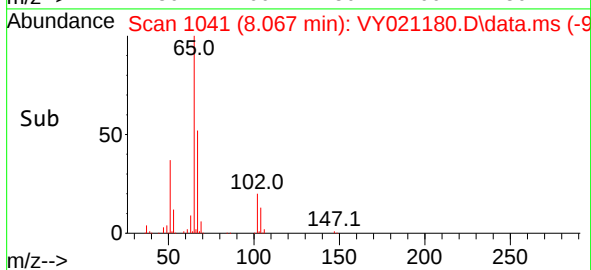
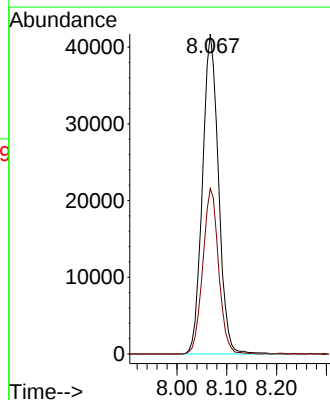
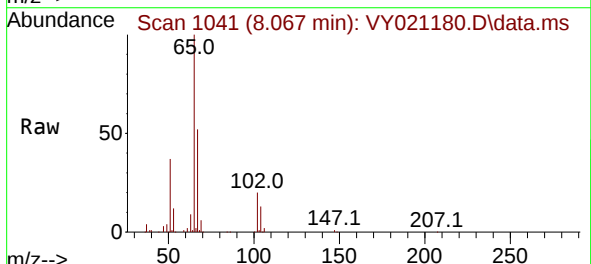
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-021125

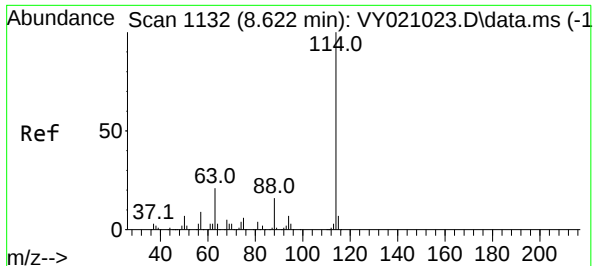
Tgt Ion:168 Resp: 151733
Ion Ratio Lower Upper
168 100
99 59.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 59.893 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021180.D
Acq: 12 Feb 2025 13:49

Tgt Ion: 65 Resp: 93111
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021180.D

Acq: 12 Feb 2025 13:49

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-021125

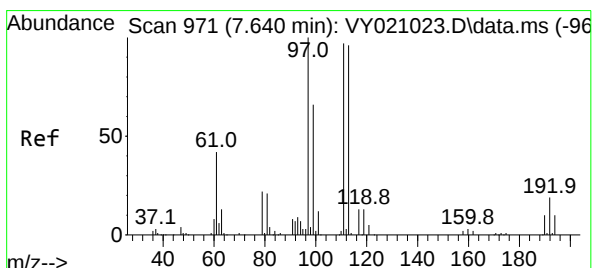
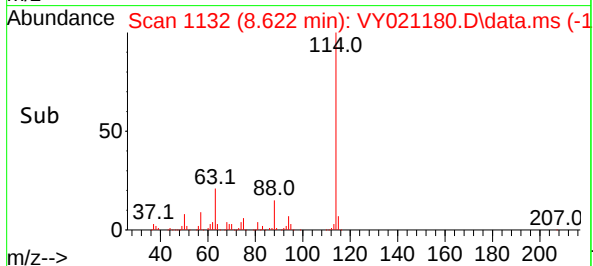
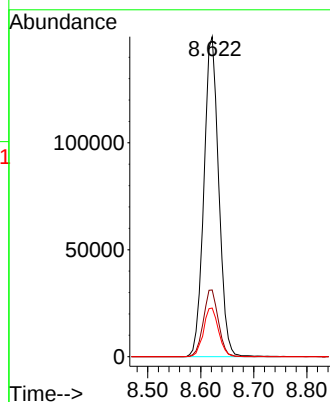
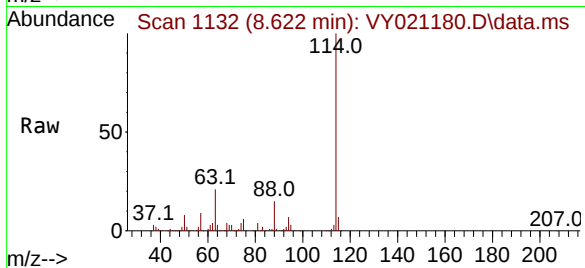
Tgt Ion:114 Resp: 289870

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.184 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021180.D

Acq: 12 Feb 2025 13:49

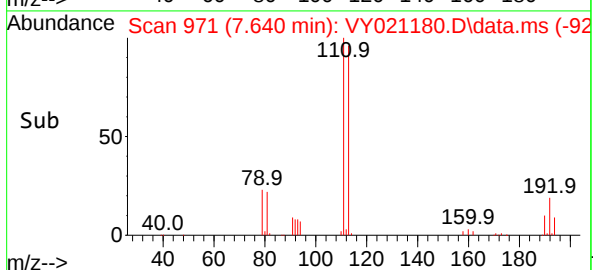
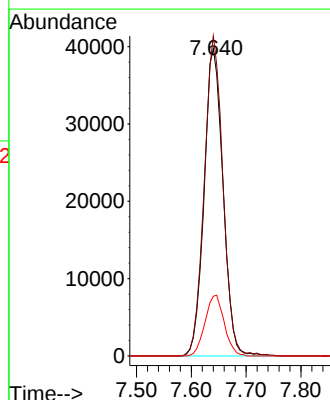
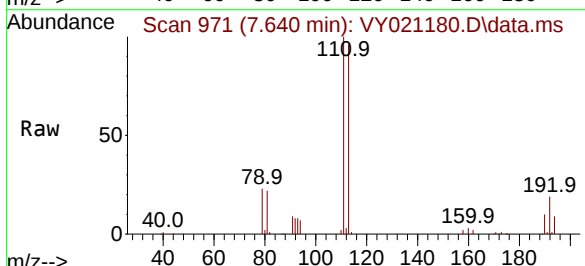
Tgt Ion:113 Resp: 95083

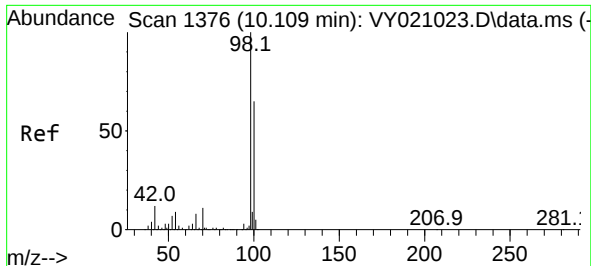
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 20.1 14.5 21.7

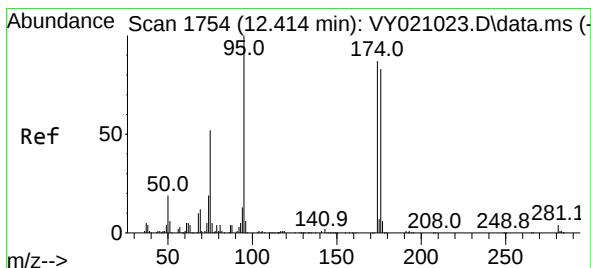
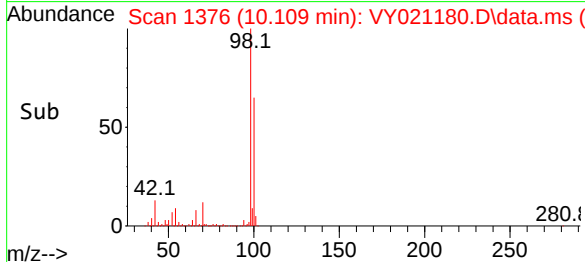
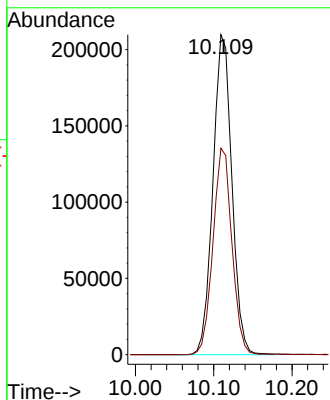
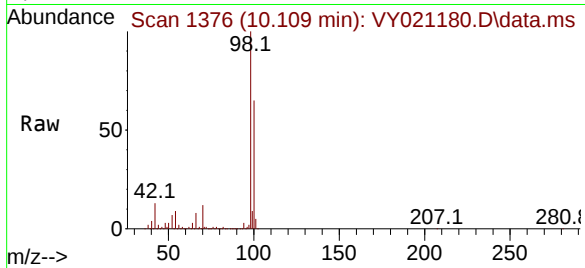




#50
Toluene-d8
Concen: 49.851 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021180.D
Acq: 12 Feb 2025 13:49

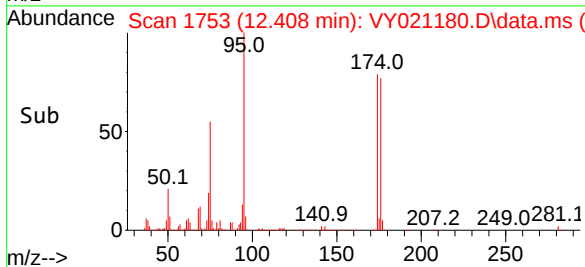
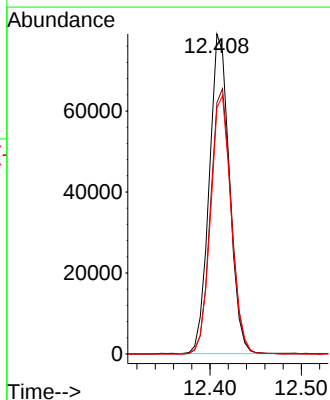
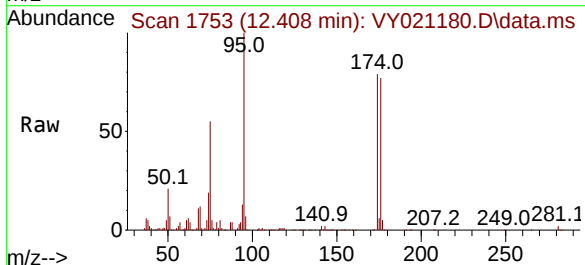
Instrument :
MSVOA_Y
ClientSampleId :
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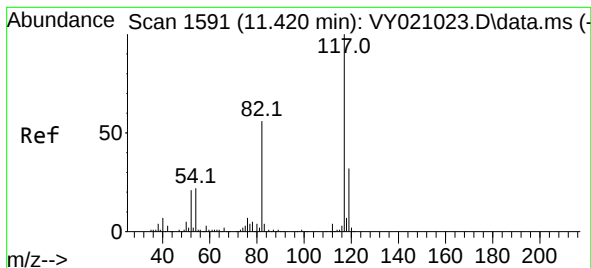
Tgt Ion: 98 Resp: 352565
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 52.354 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021180.D
Acq: 12 Feb 2025 13:49

Tgt Ion: 95 Resp: 120964
Ion Ratio Lower Upper
95 100
174 85.1 0.0 160.0
176 82.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021180.D

Acq: 12 Feb 2025 13:49

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-021125

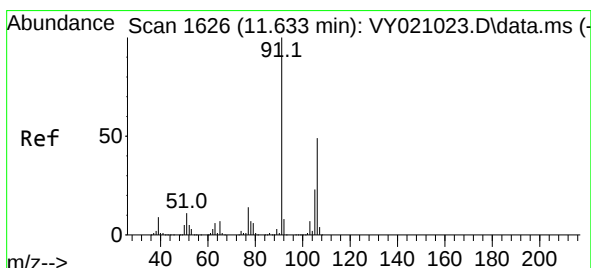
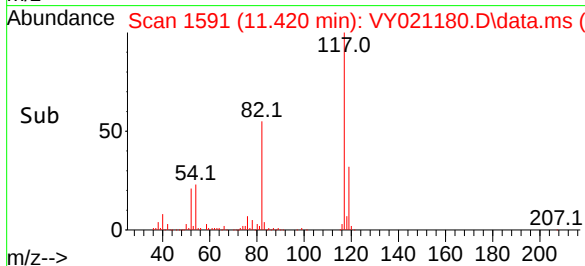
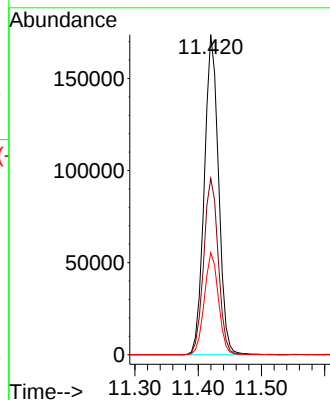
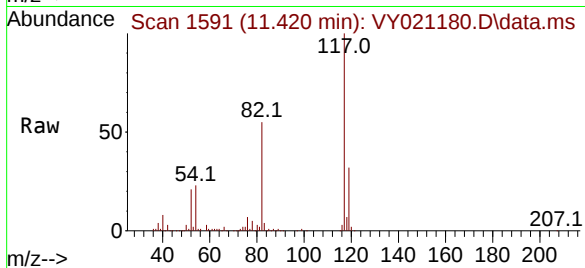
Tgt Ion:117 Resp: 272844

Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

119 31.8 26.5 39.7



#68

m/p-Xylenes

Concen: 1.341 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021180.D

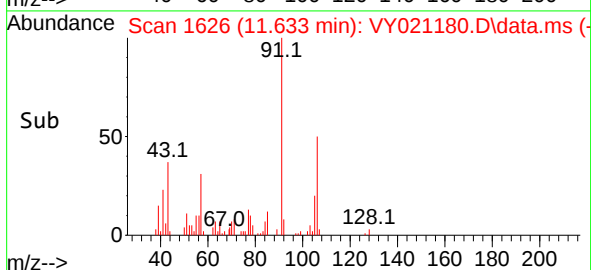
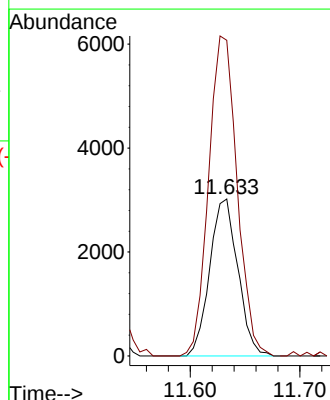
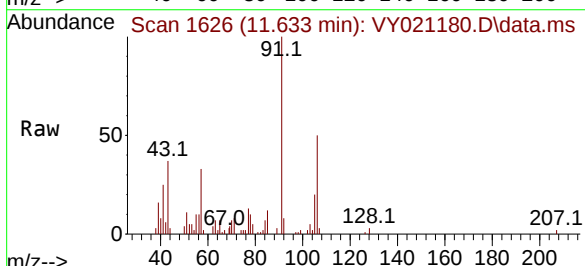
Acq: 12 Feb 2025 13:49

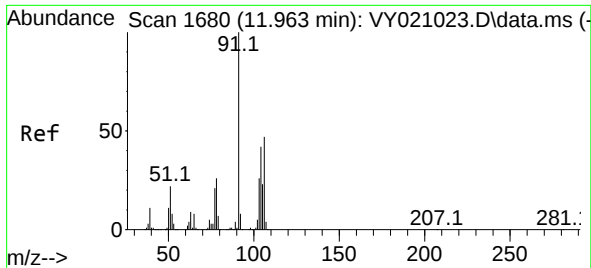
Tgt Ion:106 Resp: 5389

Ion Ratio Lower Upper

106 100

91 206.2 160.7 241.1

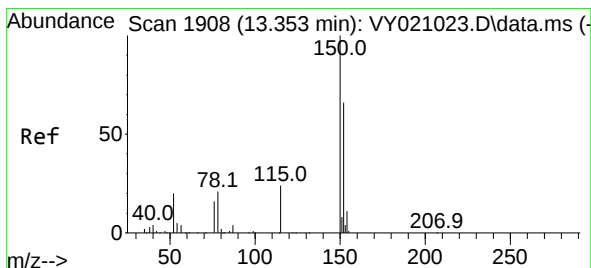
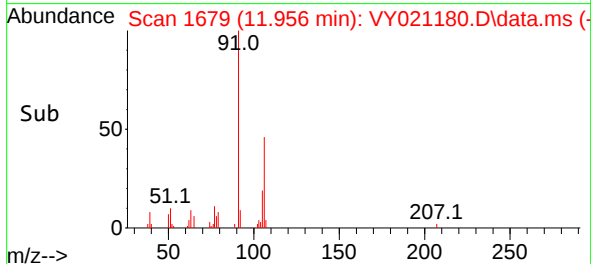
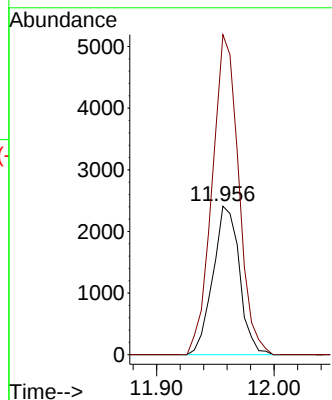
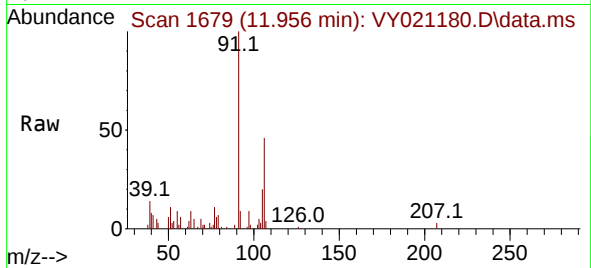




#69
o-Xylene
Concen: 1.008 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.006 min
Lab File: VY021180.D
Acq: 12 Feb 2025 13:49

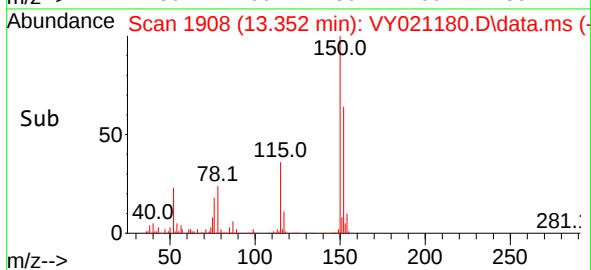
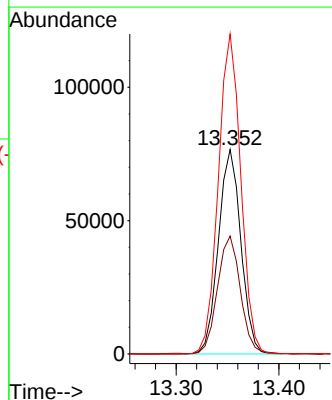
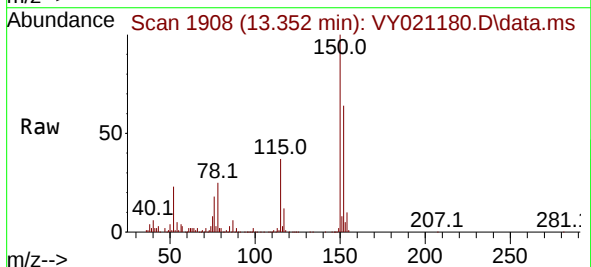
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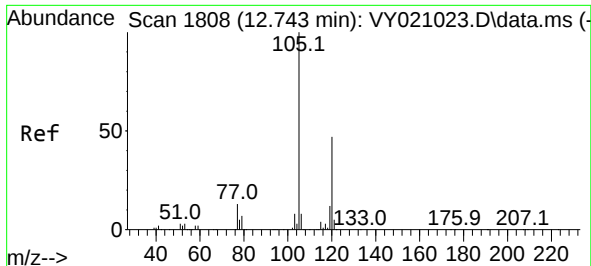
Tgt Ion:106 Resp: 3778
Ion Ratio Lower Upper
106 100
91 215.7 106.5 319.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021180.D
Acq: 12 Feb 2025 13:49

Tgt Ion:152 Resp: 116211
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.0
150 156.5 0.0 344.6

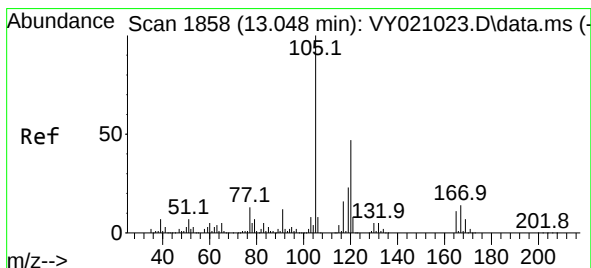
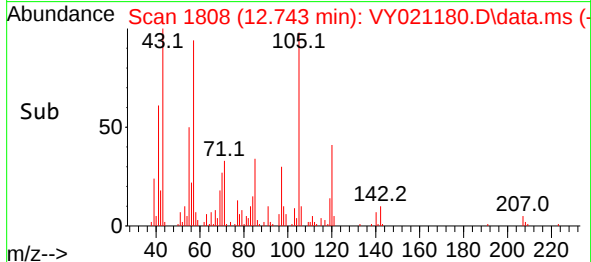
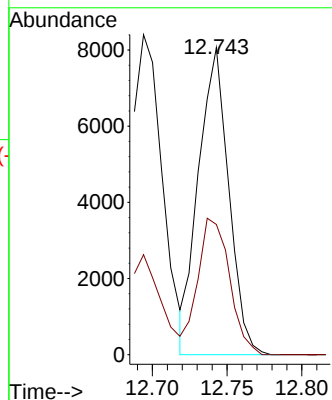
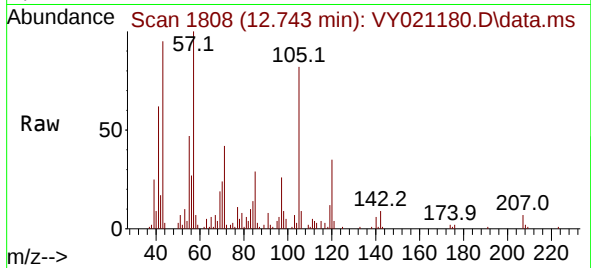




#80
 1,3,5-Trimethylbenzene
 Concen: 1.540 ug/l
 RT: 12.743 min Scan# 1808
 Delta R.T. -0.000 min
 Lab File: VY021180.D
 Acq: 12 Feb 2025 13:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-021125

Tgt Ion:105 Resp: 11336
 Ion Ratio Lower Upper
 105 100
 120 46.9 24.3 72.8



#84
 1,2,4-Trimethylbenzene
 Concen: 6.455 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY021180.D
 Acq: 12 Feb 2025 13:49

Tgt Ion:105 Resp: 46455
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.1 66.3

