

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040925\
 Data File : VY021816.D
 Acq On : 09 Apr 2025 14:03
 Operator : SY/MD
 Sample : Q1712-07
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-7-VOC

Quant Time: Apr 10 01:42:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

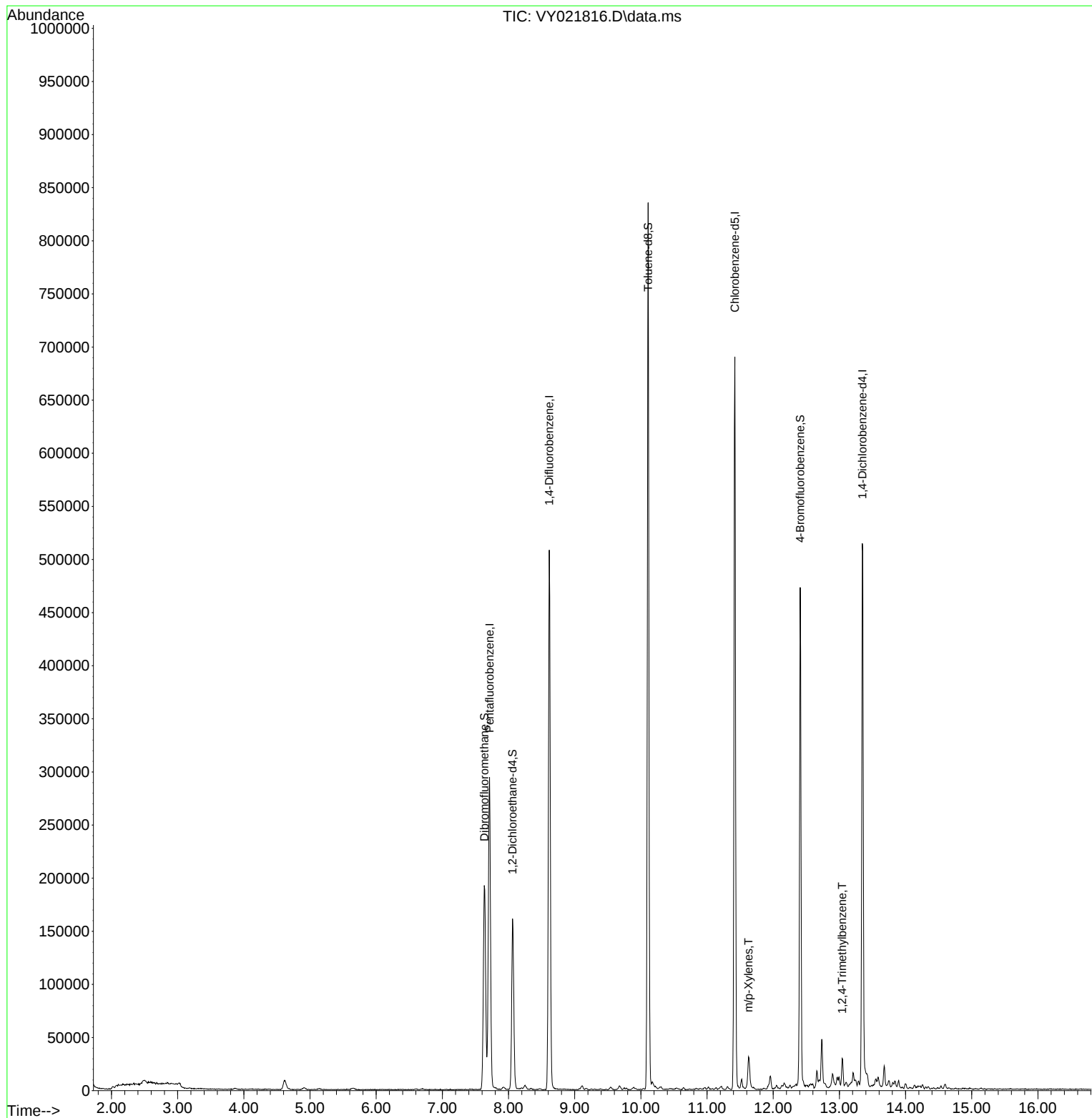
Internal Standards						
1) Pentafluorobenzene	7.713	168	220030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	412369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	352301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123904	51.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.940%	
35) Dibromofluoromethane	7.634	113	136890	51.174	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.340%	
50) Toluene-d8	10.109	98	503762	49.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	12.407	95	136204	39.570	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.140%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.627	106	7373	1.390	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	13337	1.718	ug/l	99

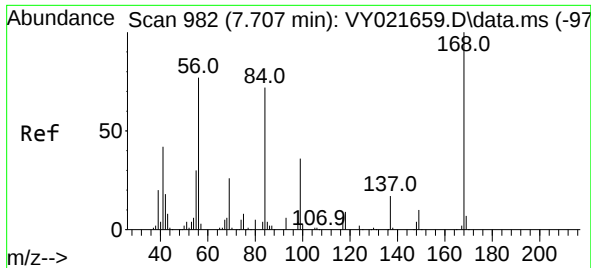
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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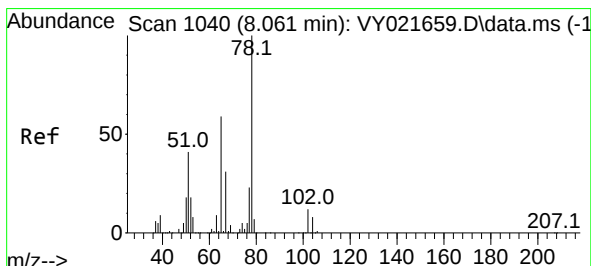
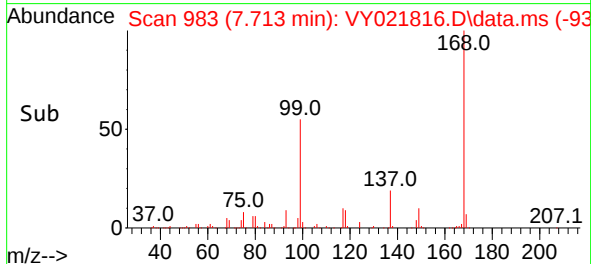
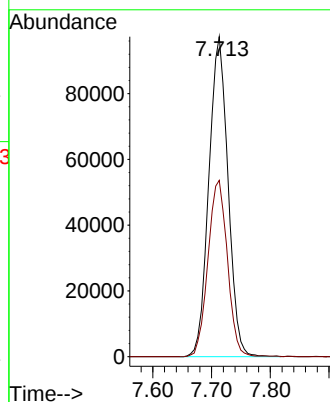
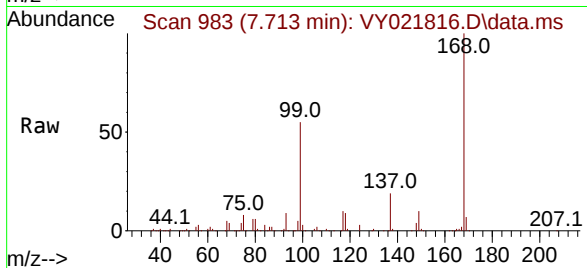




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

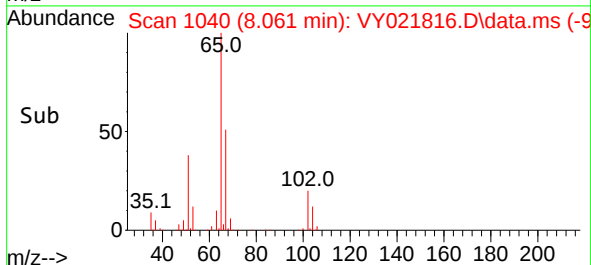
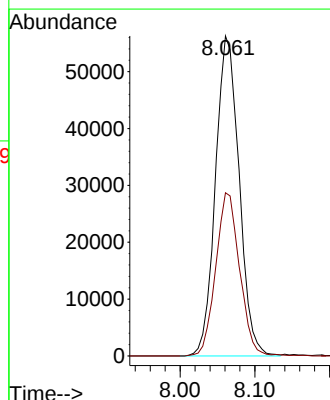
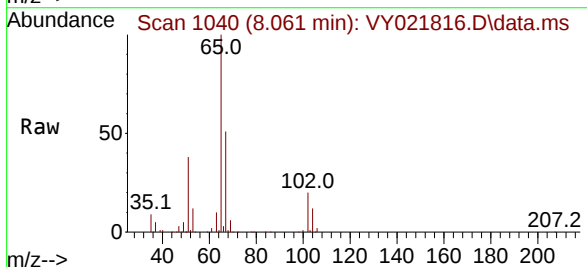
Instrument :
MSVOA_Y
ClientSampleId :
TT-7-VOC

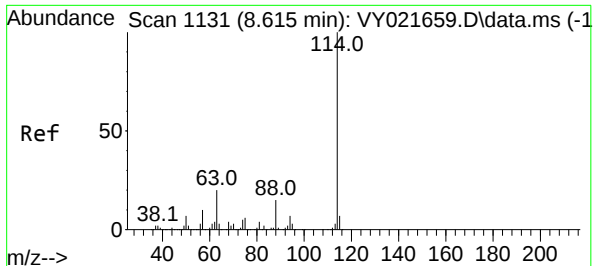
Tgt Ion:168 Resp: 220030
Ion Ratio Lower Upper
168 100
99 55.1 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 51.974 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

Tgt Ion: 65 Resp: 123904
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

TT-7-VOC

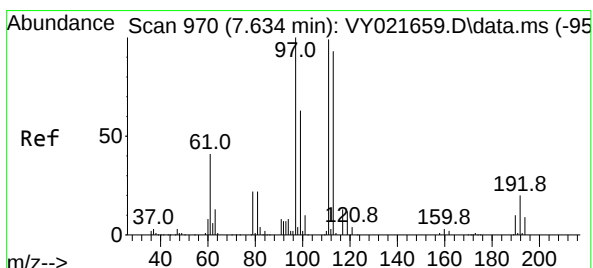
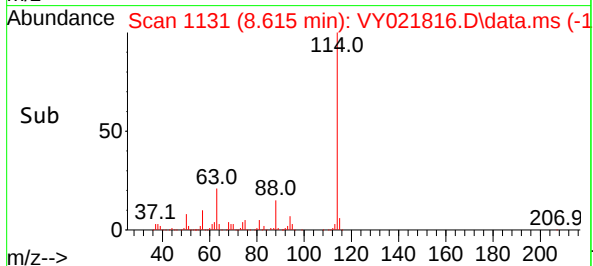
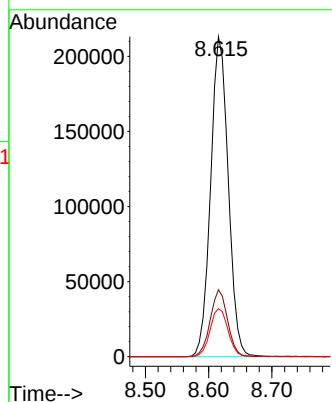
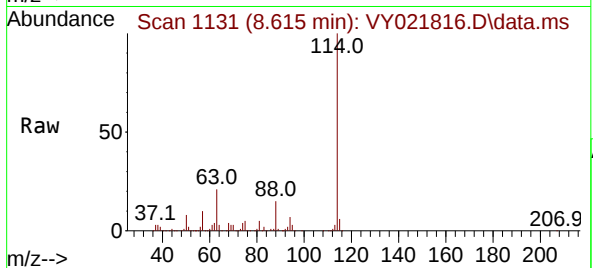
Tgt Ion:114 Resp: 412369

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 15.0 0.0 29.8



#35

Dibromofluoromethane

Concen: 51.174 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

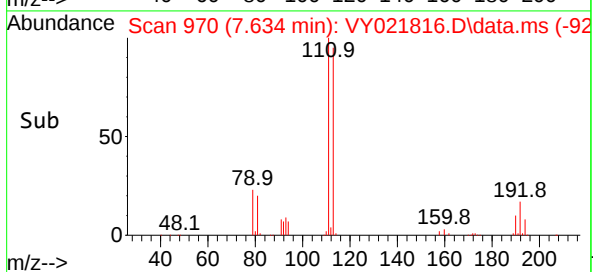
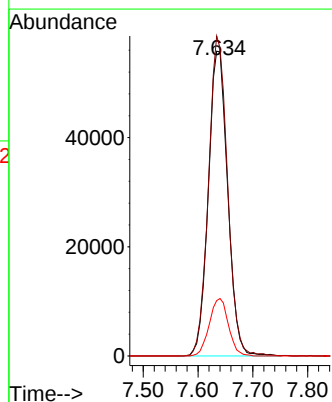
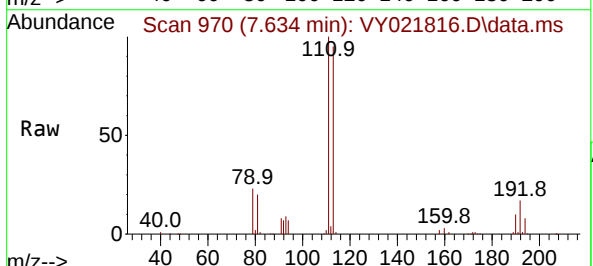
Tgt Ion:113 Resp: 136890

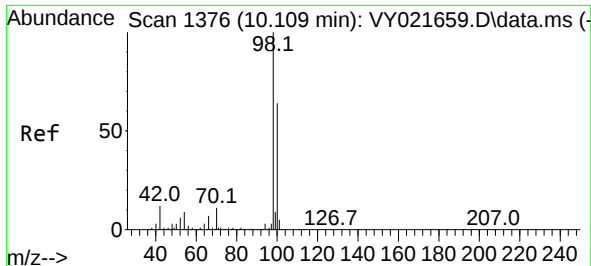
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 18.6 16.2 24.4

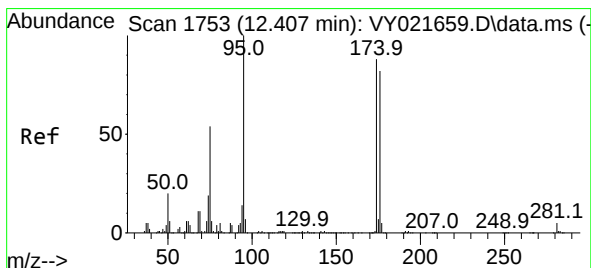
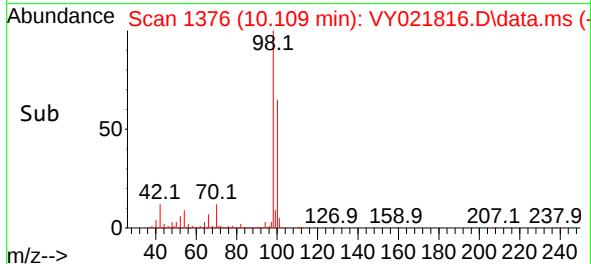
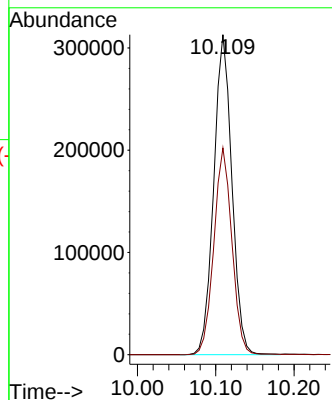
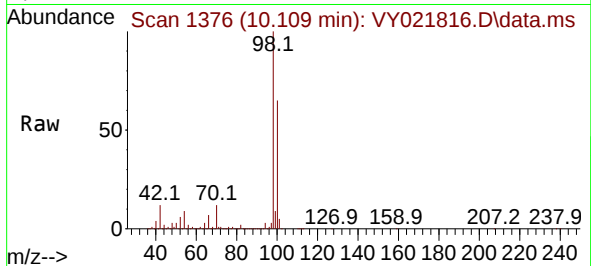




#50
Toluene-d8
Concen: 49.503 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

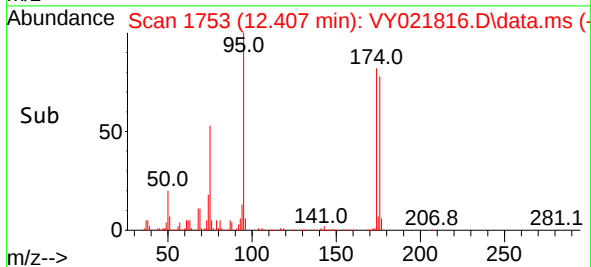
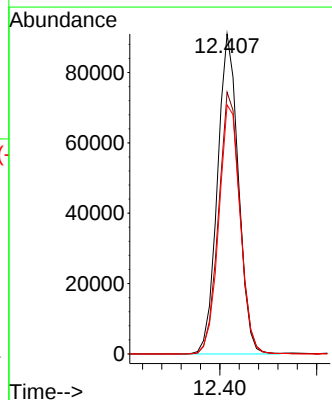
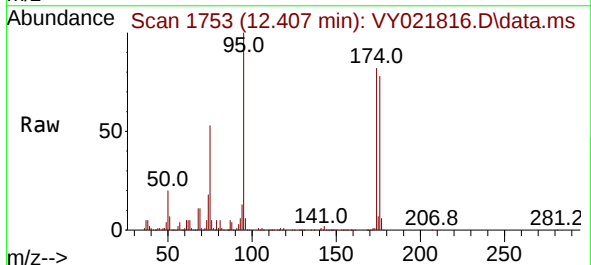
Instrument :
MSVOA_Y
ClientSampleId :
TT-7-VOC

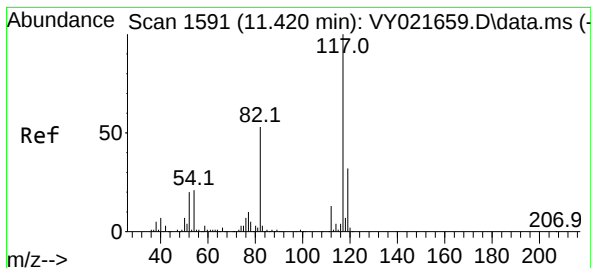
Tgt Ion: 98 Resp: 503762
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.570 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021816.D
Acq: 09 Apr 2025 14:03

Tgt Ion: 95 Resp: 136204
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 79.5 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

TT-7-VOC

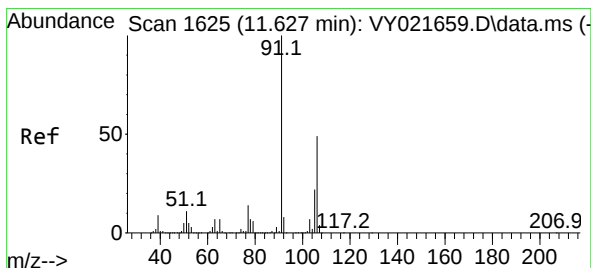
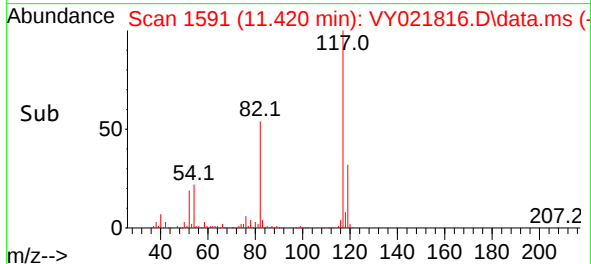
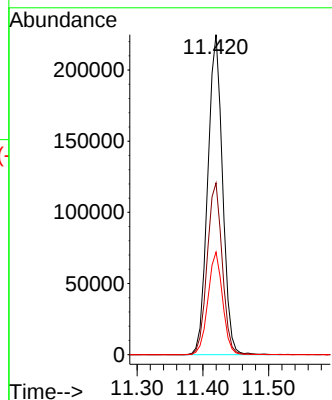
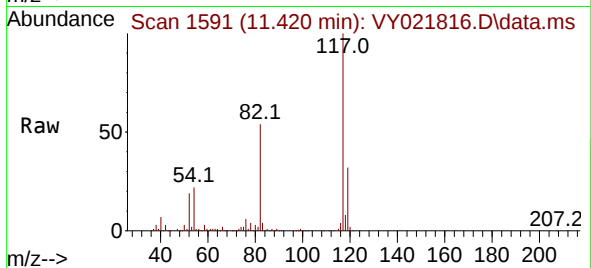
Tgt Ion:117 Resp: 352301

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

119 32.0 25.7 38.5



#68

m/p-Xylenes

Concen: 1.390 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021816.D

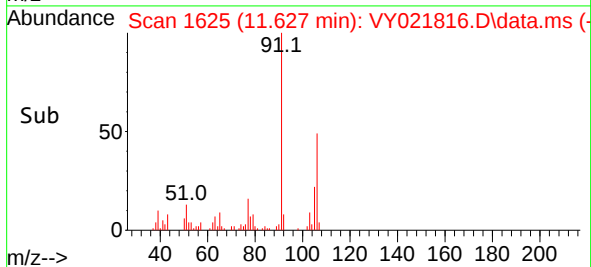
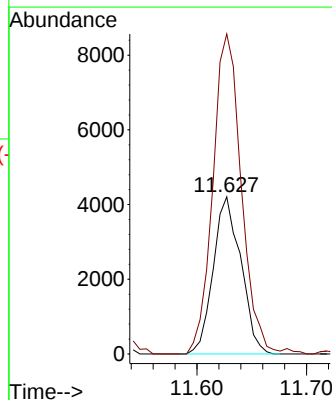
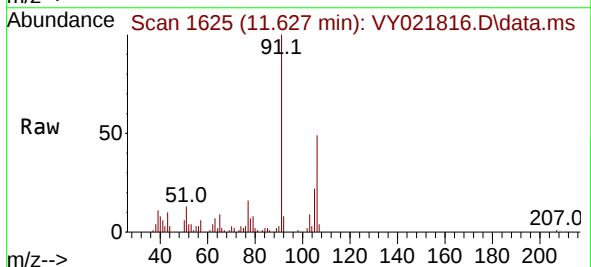
Acq: 09 Apr 2025 14:03

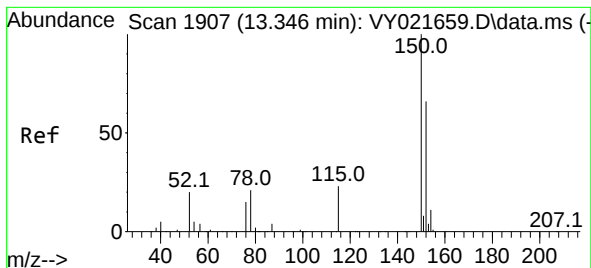
Tgt Ion:106 Resp: 7373

Ion Ratio Lower Upper

106 100

91 209.2 162.4 243.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

TT-7-VOC

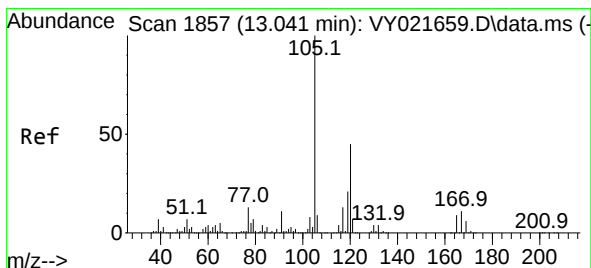
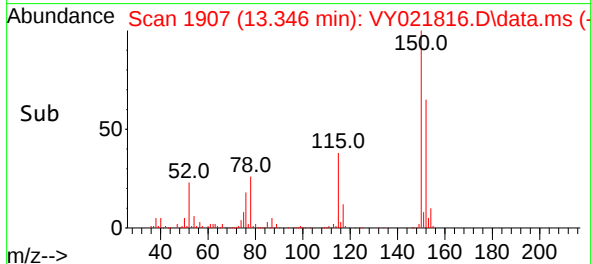
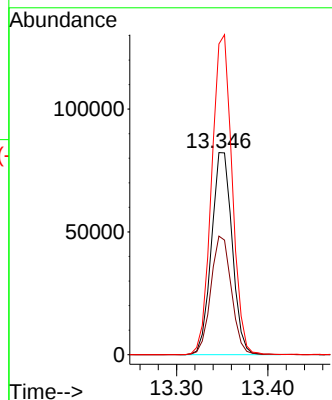
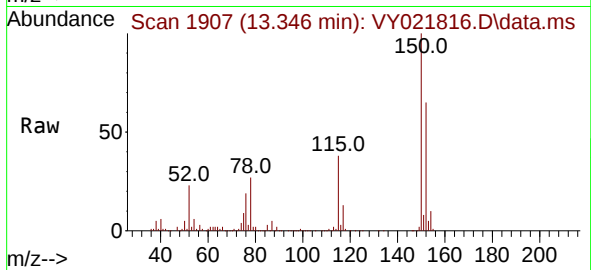
Tgt Ion:152 Resp: 129387

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 156.5 0.0 348.4



#84

1,2,4-Trimethylbenzene

Concen: 1.718 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021816.D

Acq: 09 Apr 2025 14:03

Tgt Ion:105 Resp: 13337

Ion Ratio Lower Upper

105 100

120 44.6 22.7 68.1

