

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021875.D
 Acq On : 14 Apr 2025 17:24
 Operator : SY/MD
 Sample : Q1756-03
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

Quant Time: Apr 14 23:33:59 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)

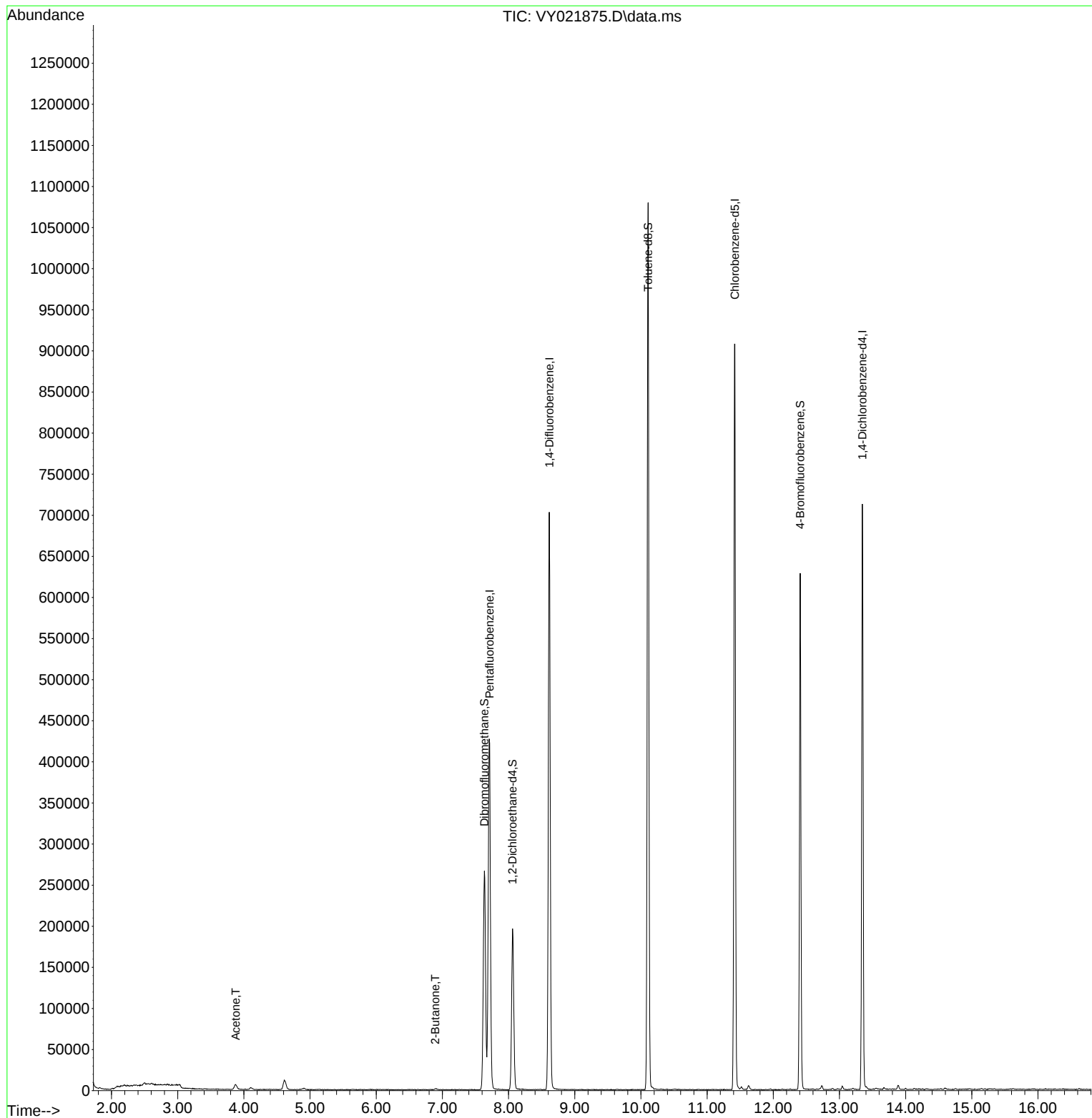
Internal Standards						
1) Pentafluorobenzene	7.713	168	328910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	591758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	477998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	156290	43.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.720%
35) Dibromofluoromethane	7.634	113	185099	48.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.109	98	688402	47.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.407	95	187450	37.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.900%
Target Compounds						
					Qvalue	
16) Acetone	3.878	43	11414	15.650	ug/l	99
25) 2-Butanone	6.890	43	2092	2.008	ug/l	95

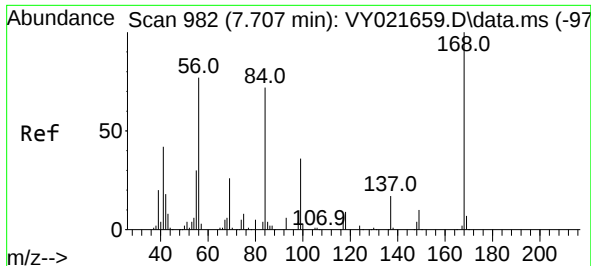
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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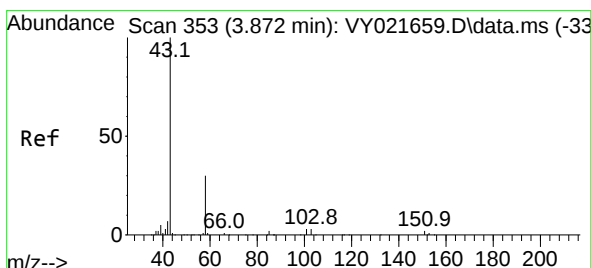
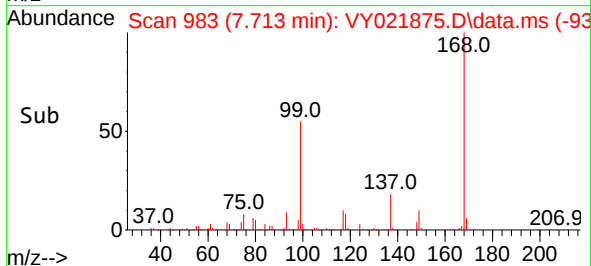
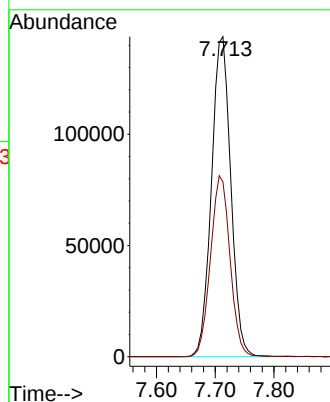
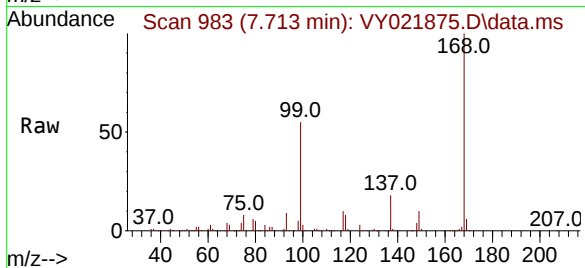




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

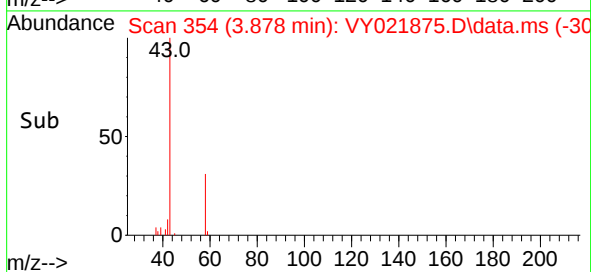
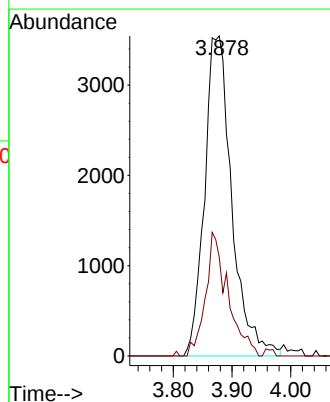
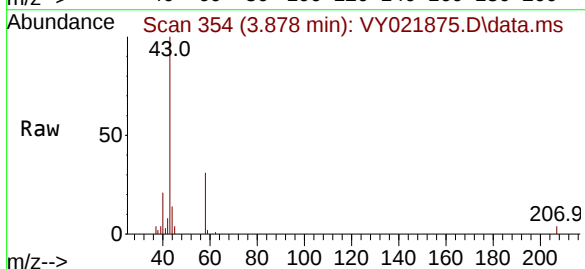
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

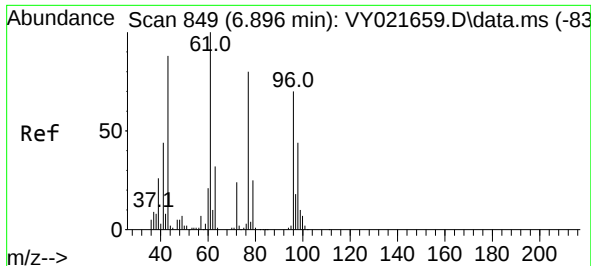
Tgt Ion:168 Resp: 328910
Ion Ratio Lower Upper
168 100
99 54.6 46.7 70.1



#16
Acetone
Concen: 15.650 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion: 43 Resp: 11414
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.4

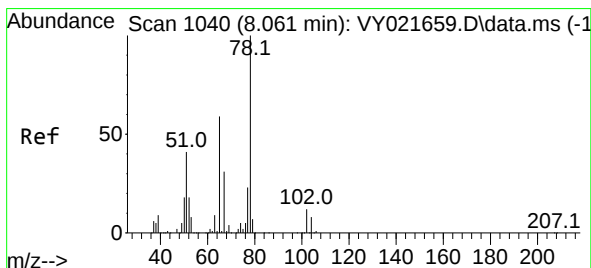
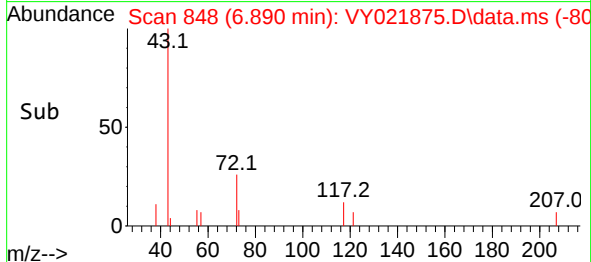
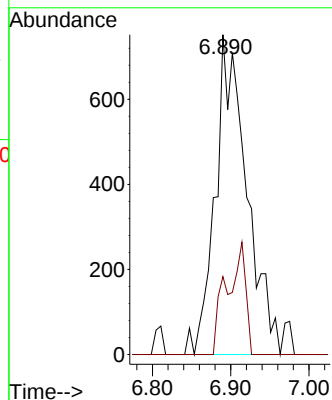
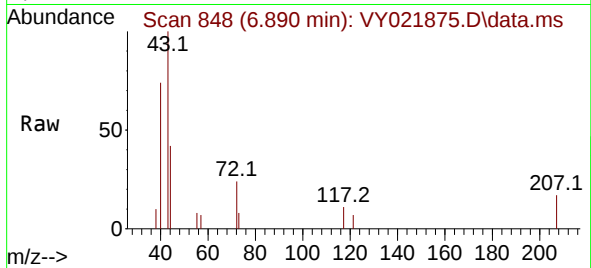




#25
2-Butanone
Concen: 2.008 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

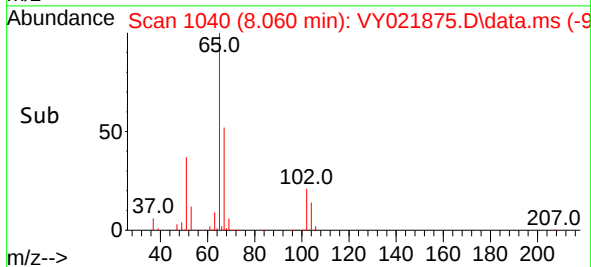
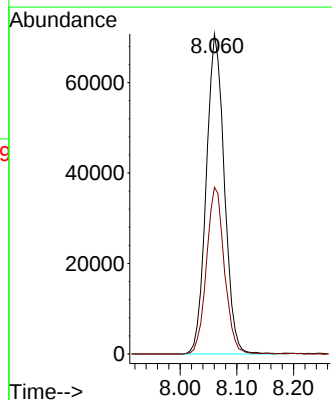
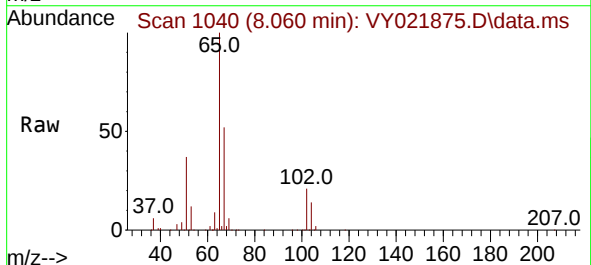
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

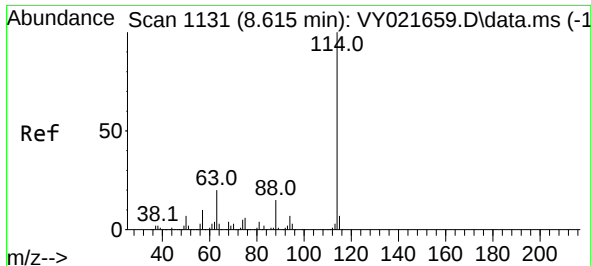
Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
72 24.3 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 43.857 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion: 65 Resp: 156290
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6

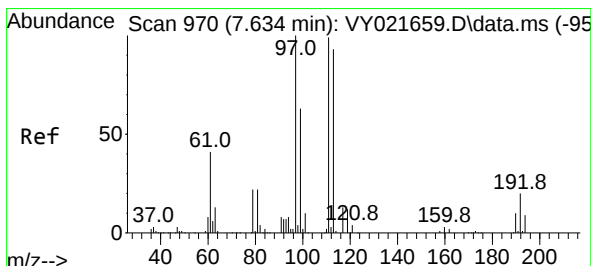
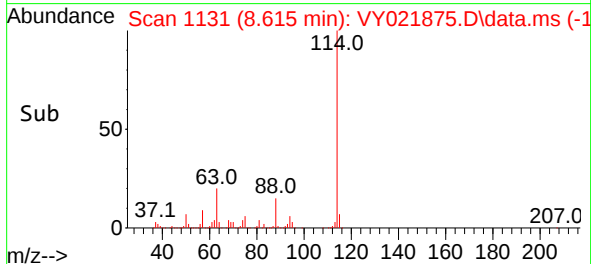
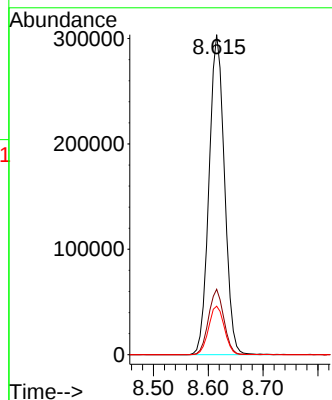
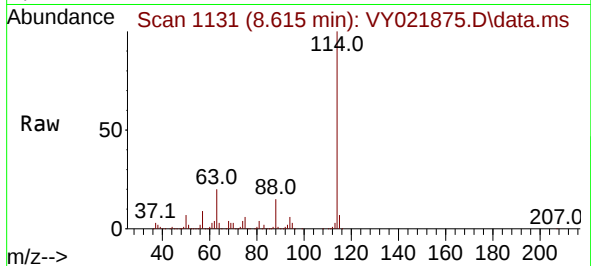




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

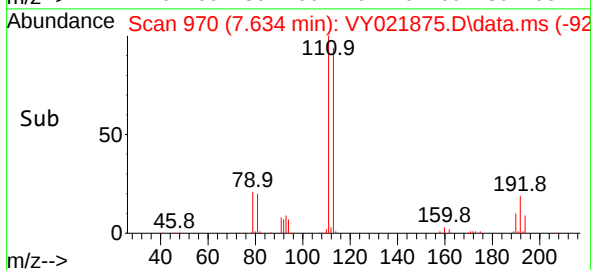
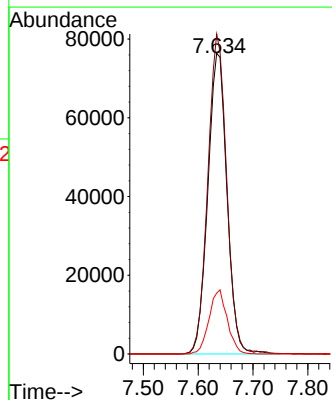
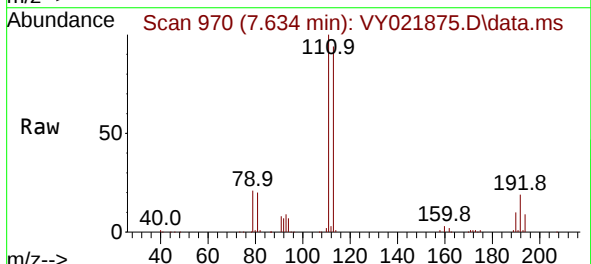
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

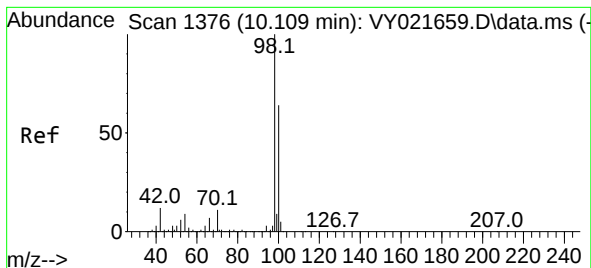
Tgt Ion:114 Resp: 591758
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.1 0.0 29.8



#35
Dibromofluoromethane
Concen: 48.220 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion:113 Resp: 185099
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 20.3 16.2 24.4

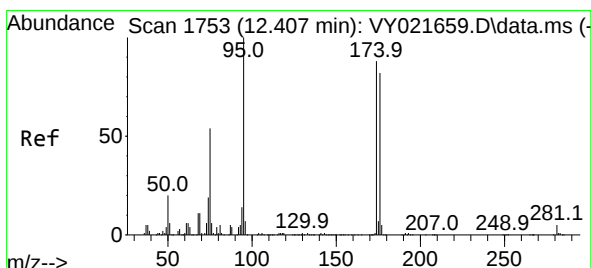
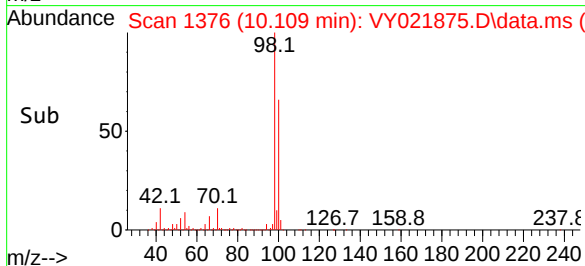
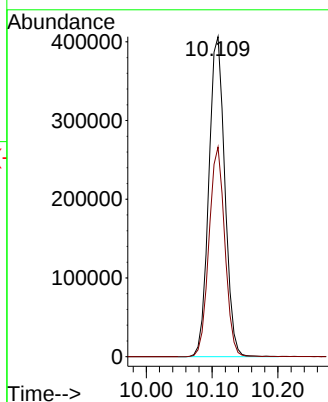
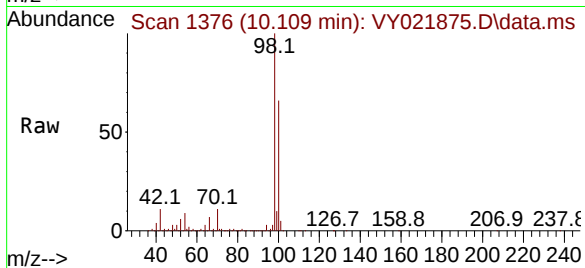




#50
Toluene-d8
Concen: 47.140 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

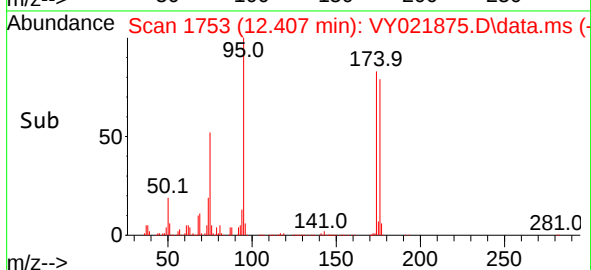
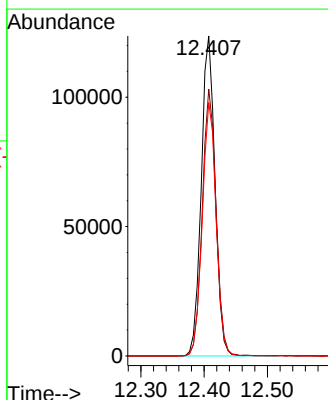
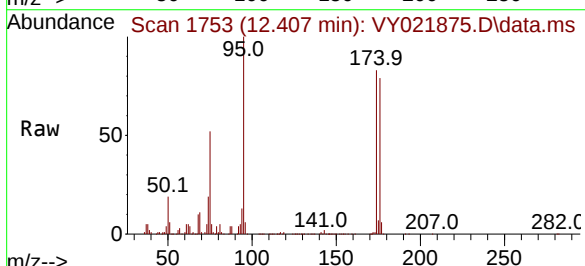
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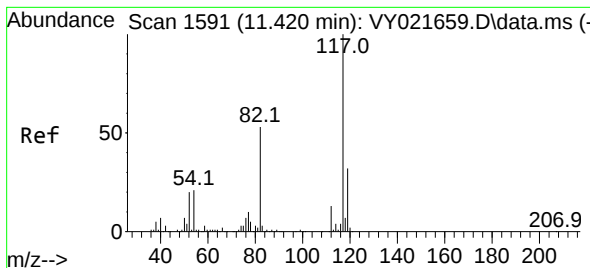
Tgt Ion: 98 Resp: 688402
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.949 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021875.D
Acq: 14 Apr 2025 17:24

Tgt Ion: 95 Resp: 187450
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.8
176 79.8 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: VY021875.D

Acq: 14 Apr 2025 17:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-9-VOC

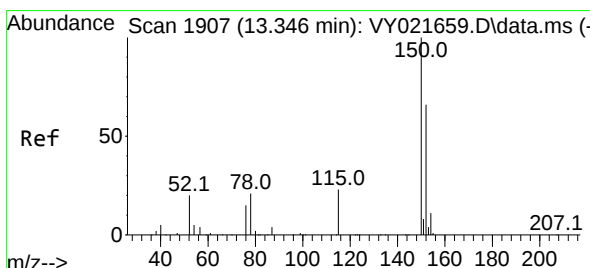
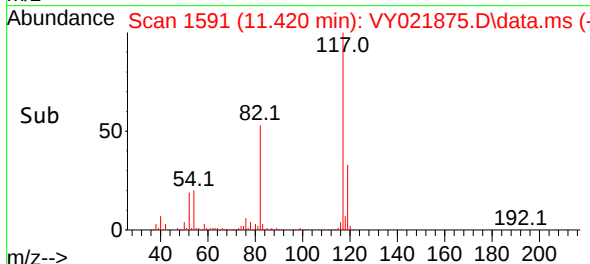
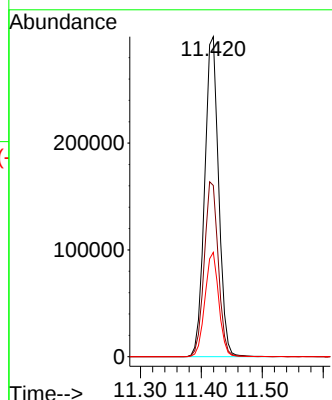
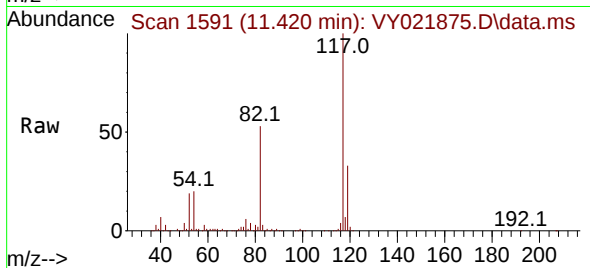
Tgt Ion:117 Resp: 477998

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

119 32.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021875.D

Acq: 14 Apr 2025 17:24

Tgt Ion:152 Resp: 171208

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 158.9 0.0 348.4

