

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021760.D
 Acq On : 02 Apr 2025 15:18
 Operator : SY/MD
 Sample : Q1693-11
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TP-1-VOC

Quant Time: Apr 03 03:36:48 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	7.707	168	240135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	465431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	450599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	188129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	162970	62.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.280%
35) Dibromofluoromethane	7.634	113	160084	53.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.109	98	584945	50.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.408	95	193007	49.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.360%

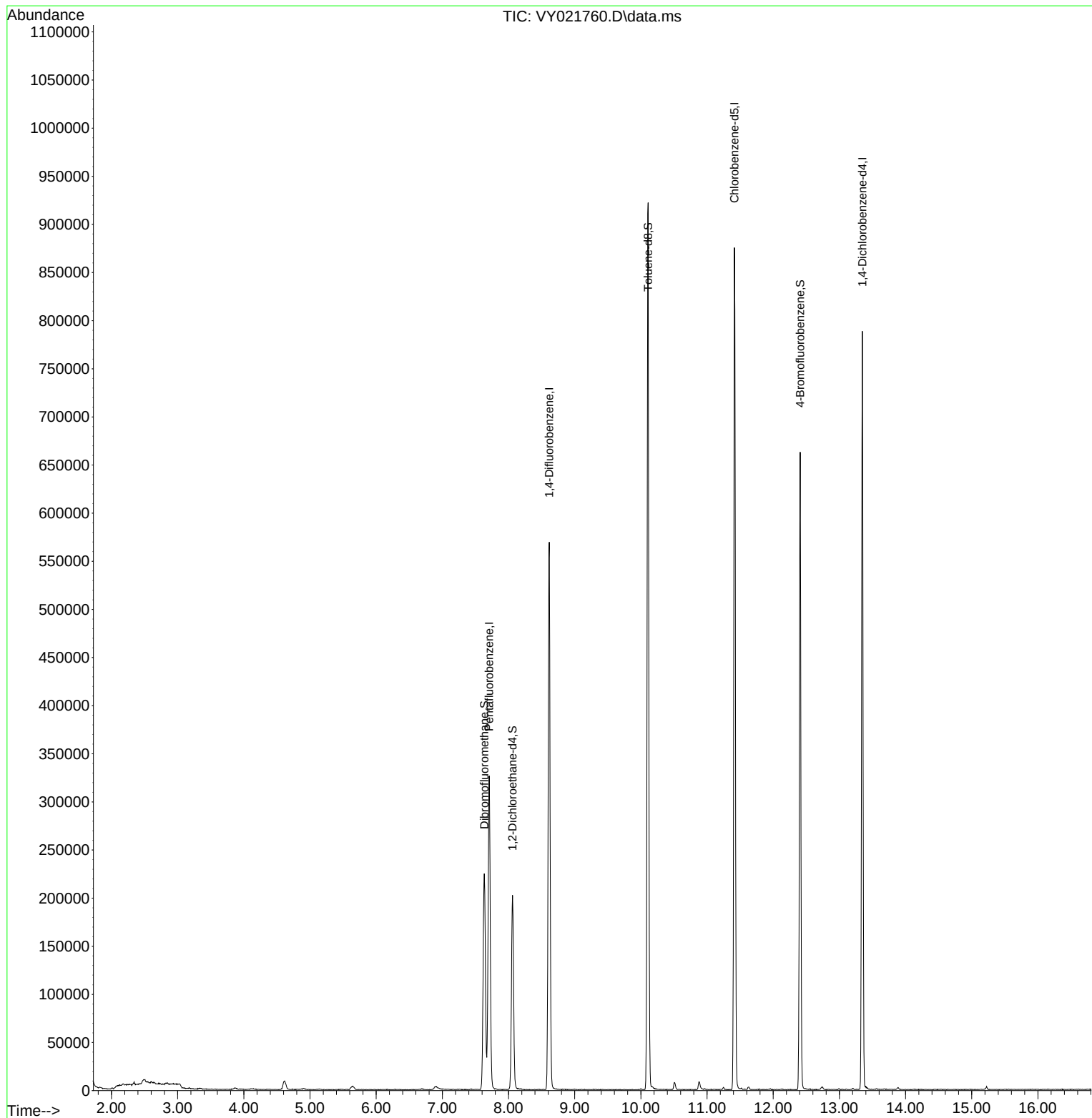
Target Compounds	Qvalue

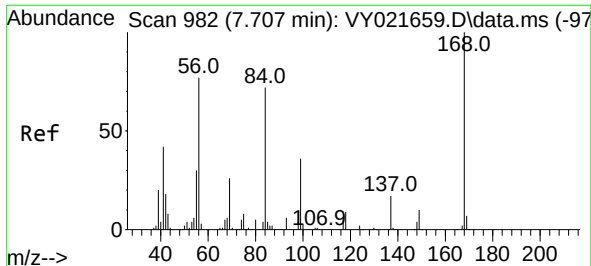
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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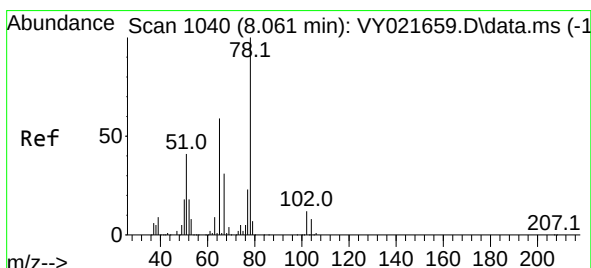
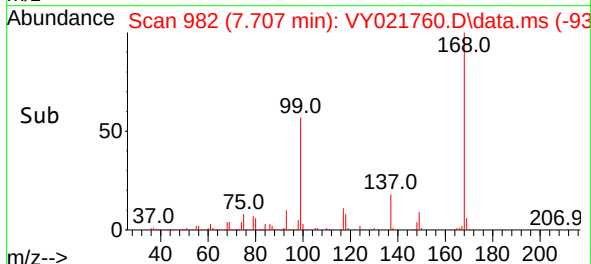
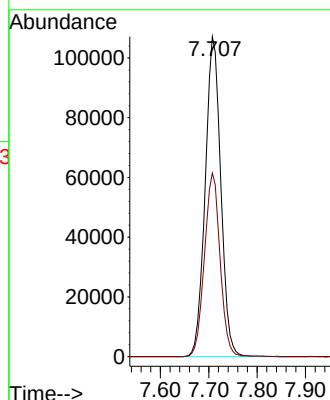
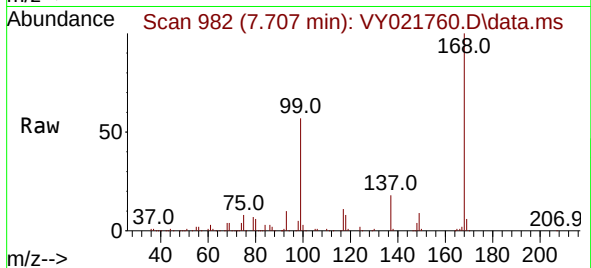




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

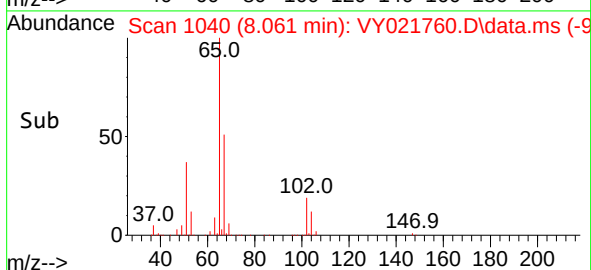
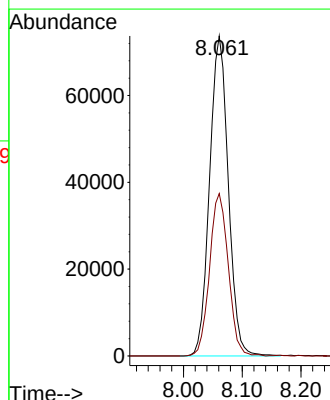
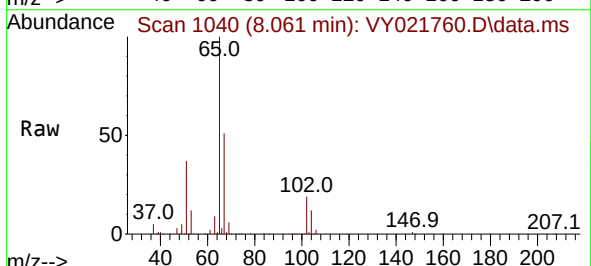
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-1-VOC

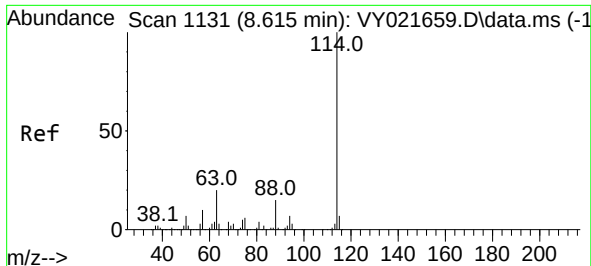
Tgt Ion:168 Resp: 240135
Ion Ratio Lower Upper
168 100
99 57.4 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 62.638 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion: 65 Resp: 162970
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6

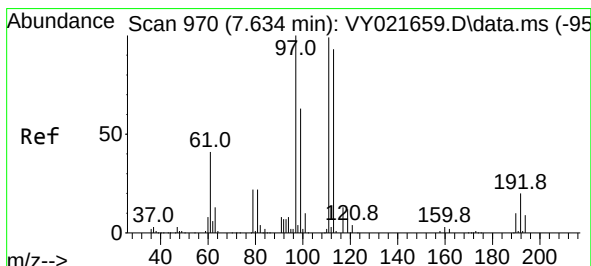
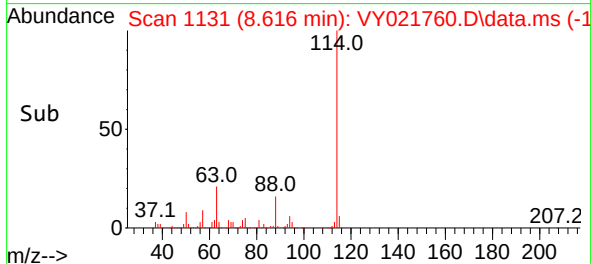
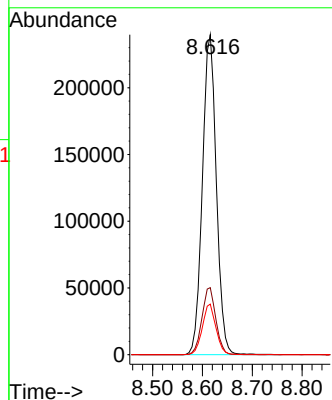
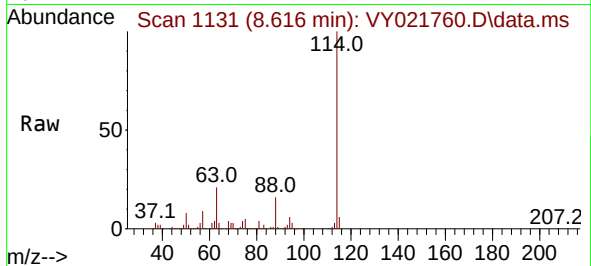




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

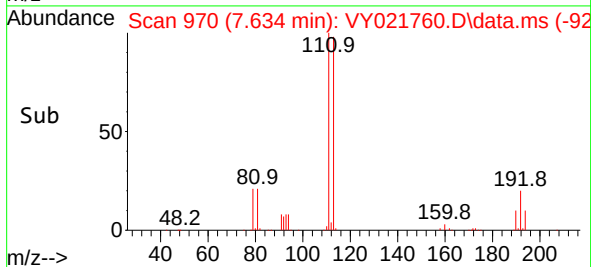
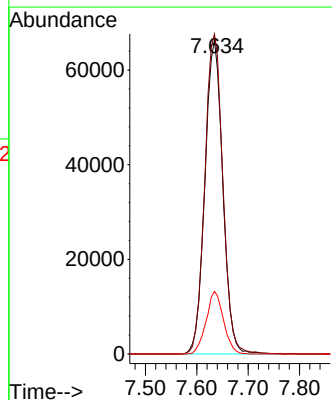
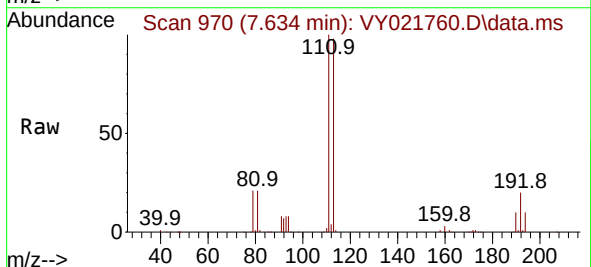
Instrument :
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ClientSampleId :
WCS-TP-1-VOC

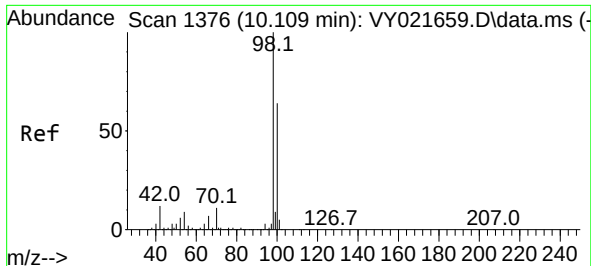
Tgt Ion:114 Resp: 465431
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.8 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.022 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion:113 Resp: 160084
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.4 16.2 24.4

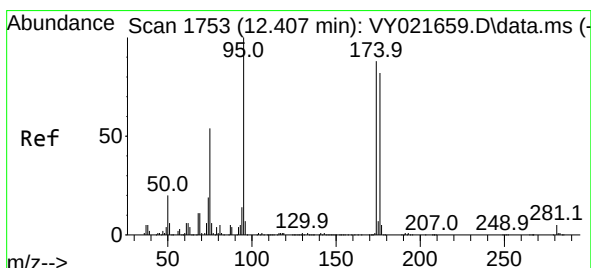
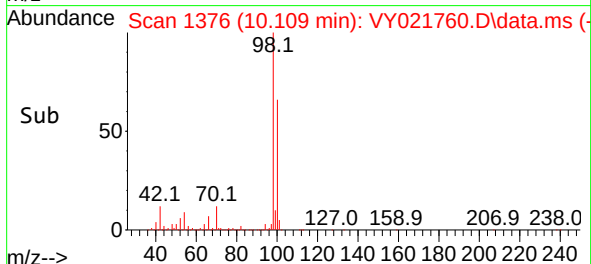
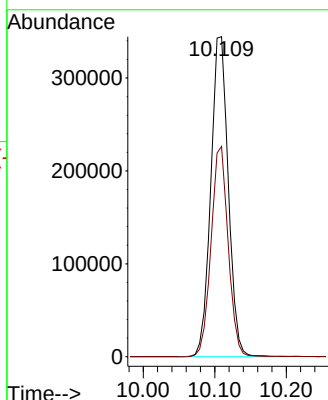
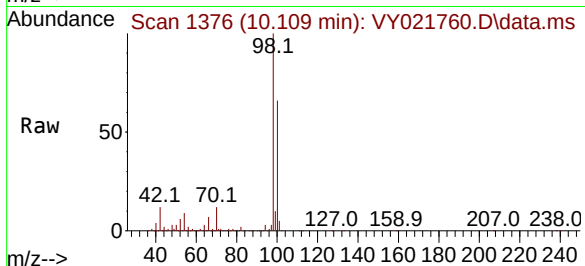




#50
Toluene-d8
Concen: 50.927 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

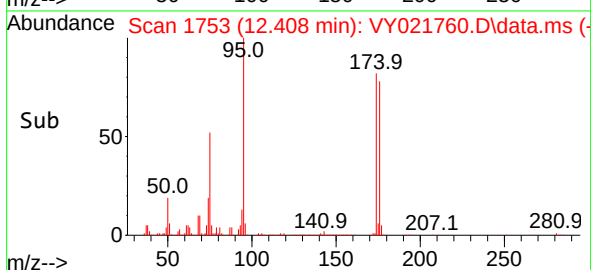
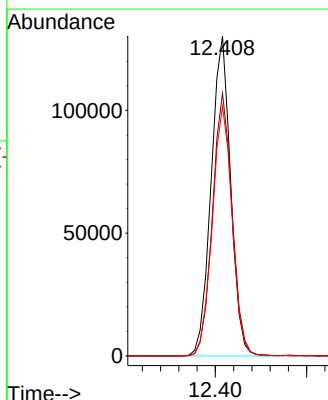
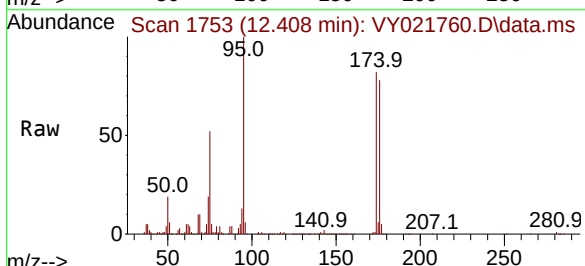
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TP-1-VOC

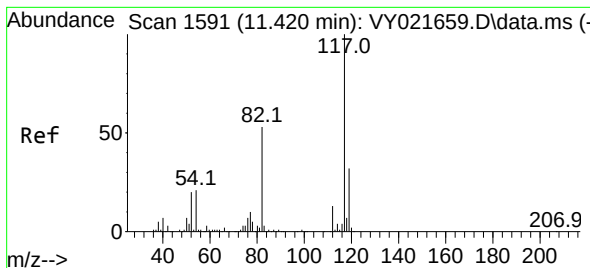
Tgt Ion: 98 Resp: 584945
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.679 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021760.D
Acq: 02 Apr 2025 15:18

Tgt Ion: 95 Resp: 193007
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 79.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021760.D

Acq: 02 Apr 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TP-1-VOC

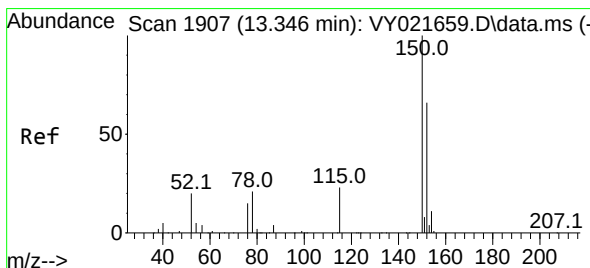
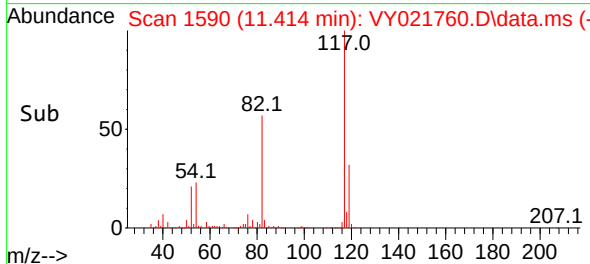
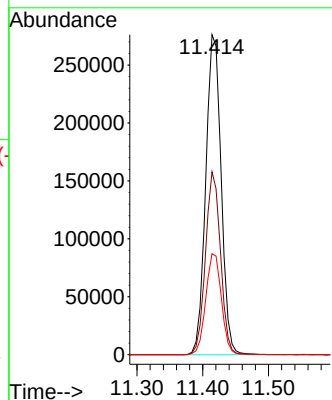
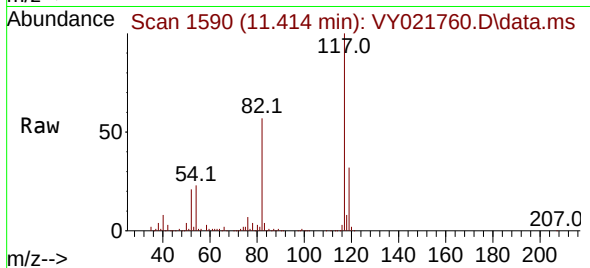
Tgt Ion:117 Resp: 450599

Ion Ratio Lower Upper

117 100

82 57.2 42.8 64.2

119 31.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021760.D

Acq: 02 Apr 2025 15:18

Tgt Ion:152 Resp: 188129

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 155.2 0.0 348.4

