

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061925\
 Data File : VY022748.D
 Acq On : 19 Jun 2025 12:14
 Operator : SY/MD
 Sample : Q2296-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6-VOC

Quant Time: Jun 19 15:13:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

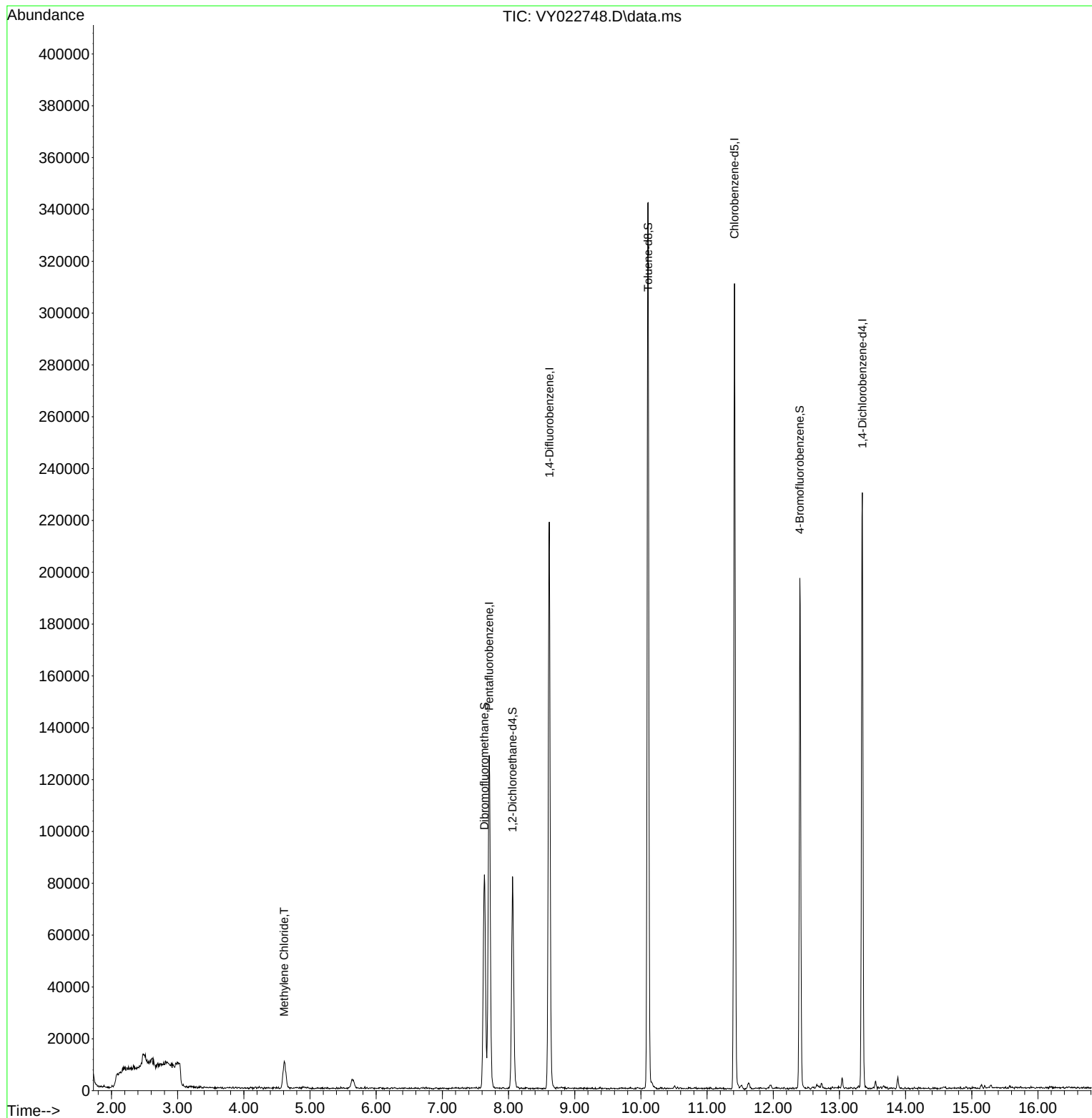
Internal Standards						
1) Pentafluorobenzene	7.707	168	94181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	177324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	151011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	53456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	60577	57.508	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	115.020%	
35) Dibromofluoromethane	7.634	113	56521	53.402	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	106.800%	
50) Toluene-d8	10.109	98	217626	50.887	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.780%	
62) 4-Bromofluorobenzene	12.402	95	53186	41.740	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	83.480%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.610	84	7703	6.339	ug/l #	89

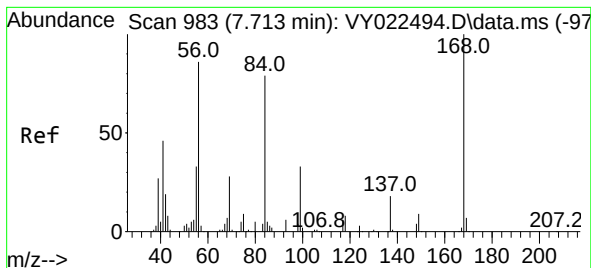
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY022748.D

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Instrument :

MSVOA_Y

ClientSampleId :

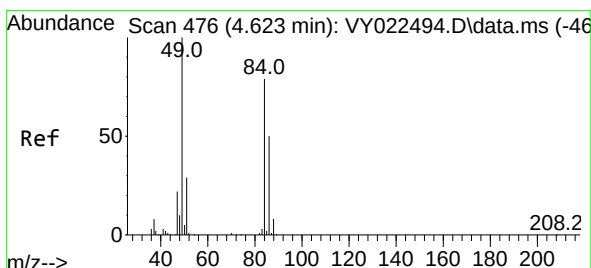
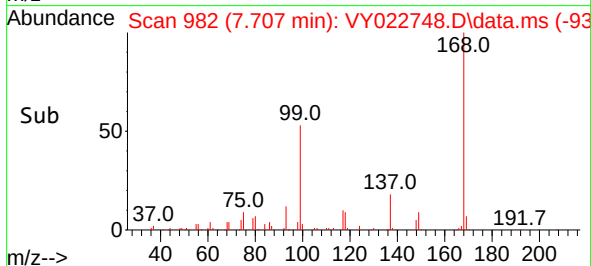
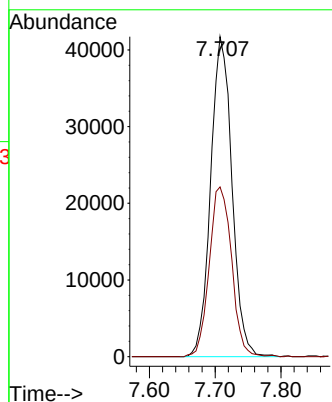
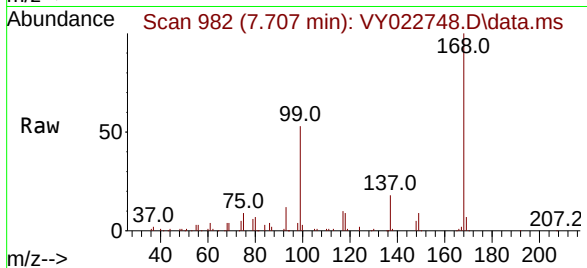
WC-6-VOC

Tgt Ion:168 Resp: 94181

Ion Ratio Lower Upper

168 100

99 53.0 44.3 66.5



#20

Methylene Chloride

Concen: 6.339 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022748.D

Acq: 19 Jun 2025 12:14

Tgt Ion: 84 Resp: 7703

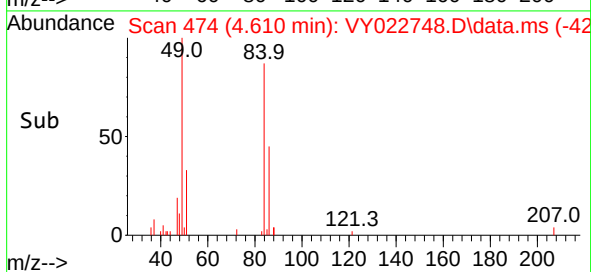
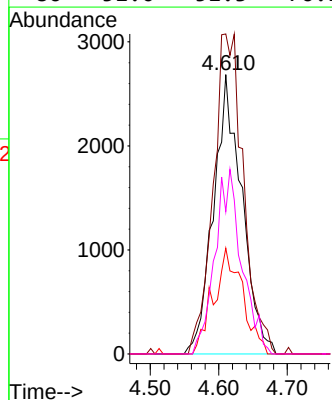
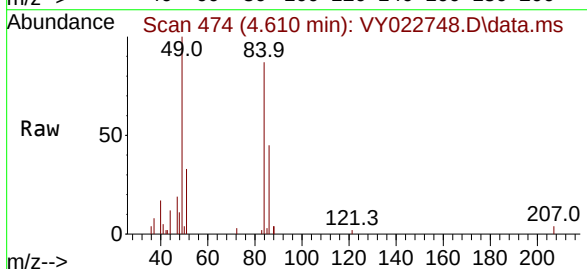
Ion Ratio Lower Upper

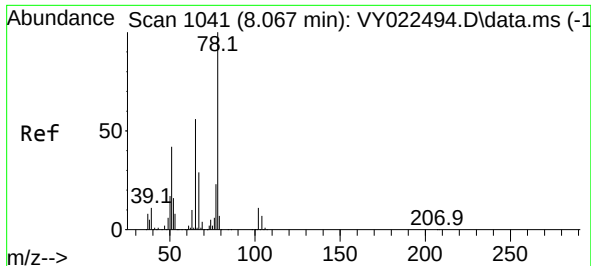
84 100

49 114.5 101.9 152.9

51 37.9 29.8 44.8

86 51.0 51.3 76.9#





#33

1,2-Dichloroethane-d4

Concen: 57.508 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022748.D

Acq: 19 Jun 2025 12:14

Instrument :

MSVOA_Y

ClientSampleId :

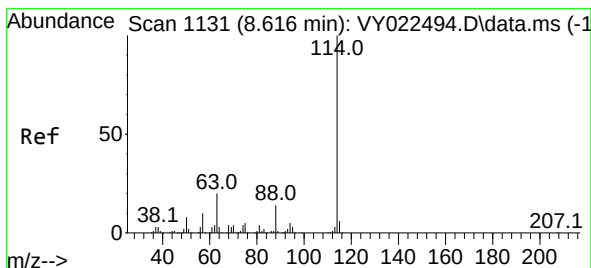
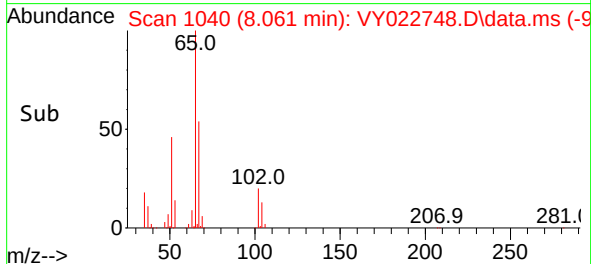
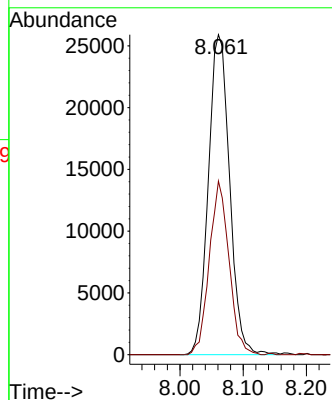
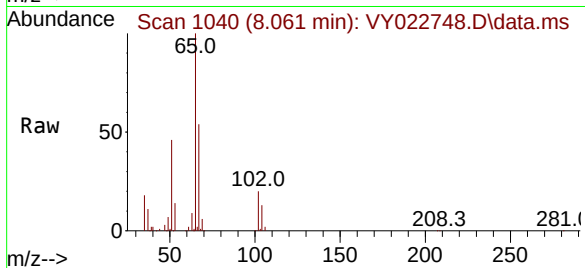
WC-6-VOC

Tgt Ion: 65 Resp: 60577

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022748.D

Acq: 19 Jun 2025 12:14

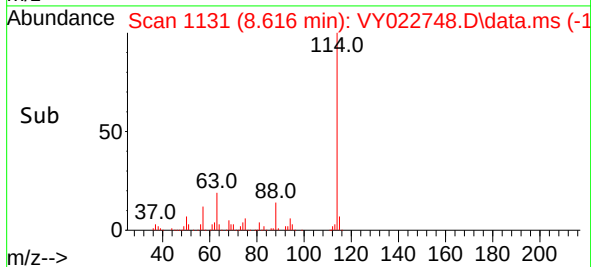
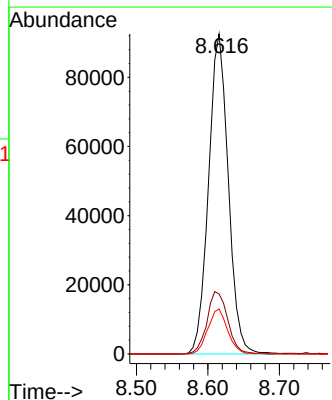
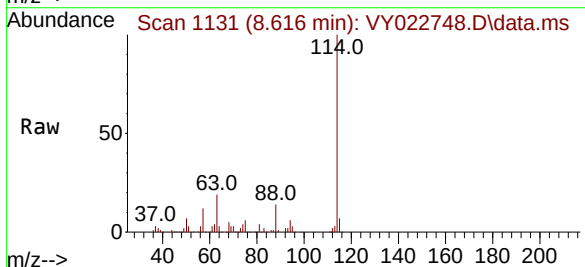
Tgt Ion: 114 Resp: 177324

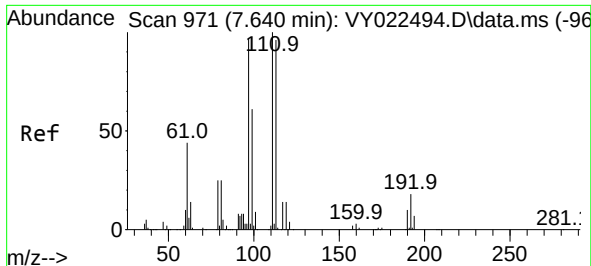
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.8

88 14.0 0.0 27.8

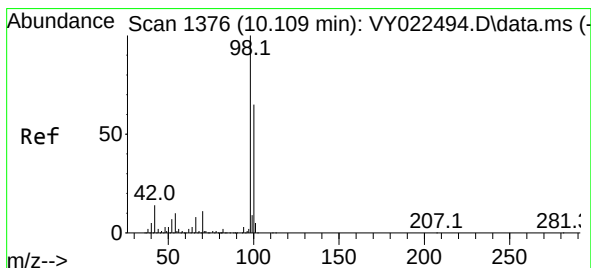
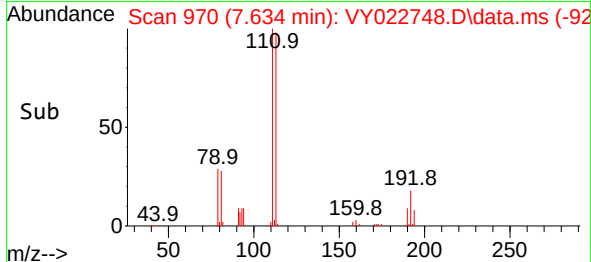
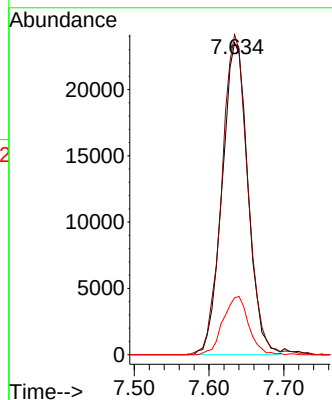
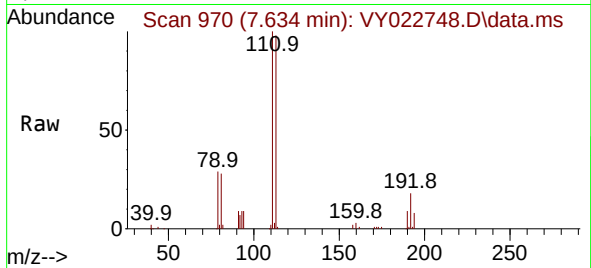




#35
Dibromofluoromethane
Concen: 53.402 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022748.D
Acq: 19 Jun 2025 12:14

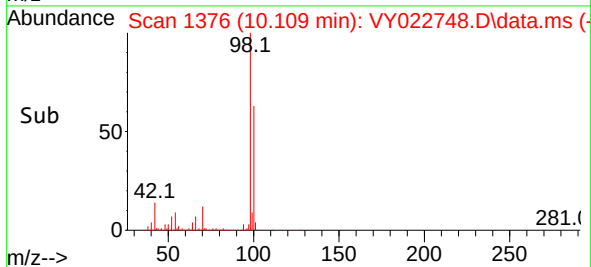
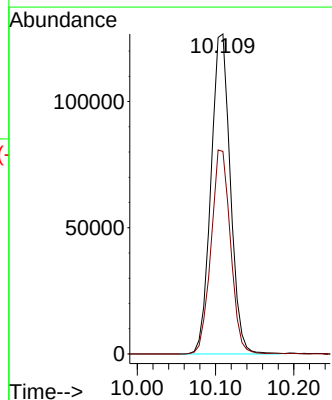
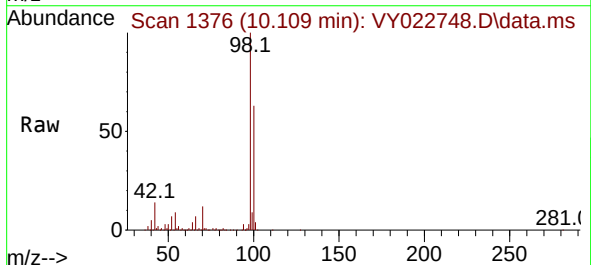
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

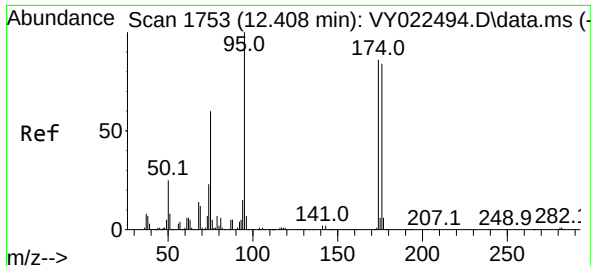
Tgt Ion:113 Resp: 56521
Ion Ratio Lower Upper
113 100
111 103.6 81.1 121.7
192 18.4 14.2 21.2



#50
Toluene-d8
Concen: 50.887 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022748.D
Acq: 19 Jun 2025 12:14

Tgt Ion: 98 Resp: 217626
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

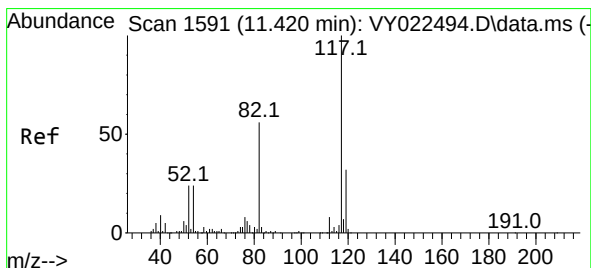
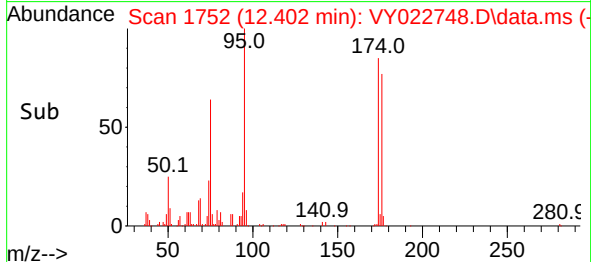
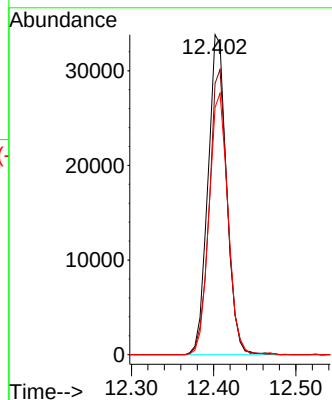
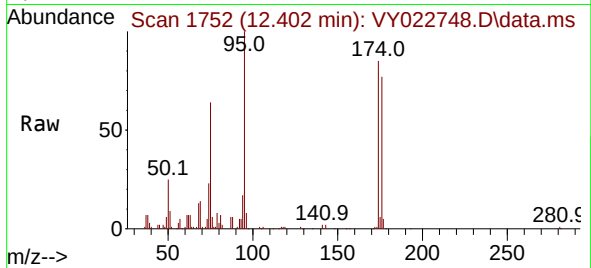




#62
4-Bromofluorobenzene
Concen: 41.740 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022748.D
Acq: 19 Jun 2025 12:14

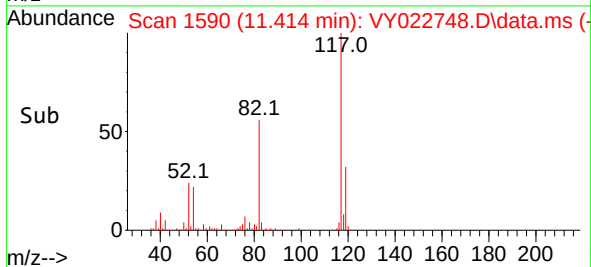
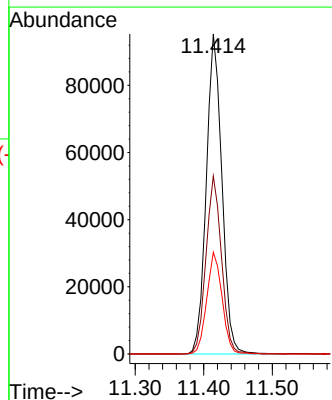
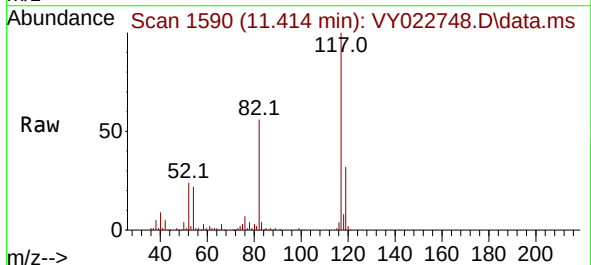
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

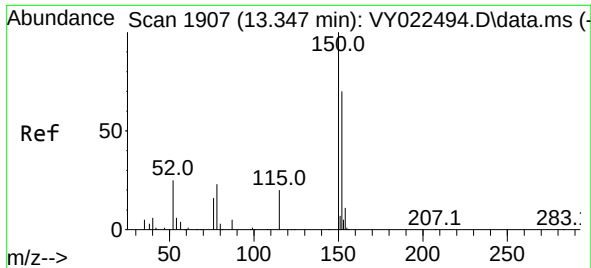
Tgt Ion: 95 Resp: 53186
Ion Ratio Lower Upper
95 100
174 87.4 0.0 170.0
176 83.2 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022748.D
Acq: 19 Jun 2025 12:14

Tgt Ion: 117 Resp: 151011
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022748.D
 Acq: 19 Jun 2025 12:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6-VOC

Tgt Ion:152 Resp: 53456
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.9 86.7
 150 156.0 0.0 349.6

