

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102025\
 Data File : VY023503.D
 Acq On : 20 Oct 2025 12:54
 Operator : SY/MD
 Sample : Q3374-07
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Oct 21 03:57:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

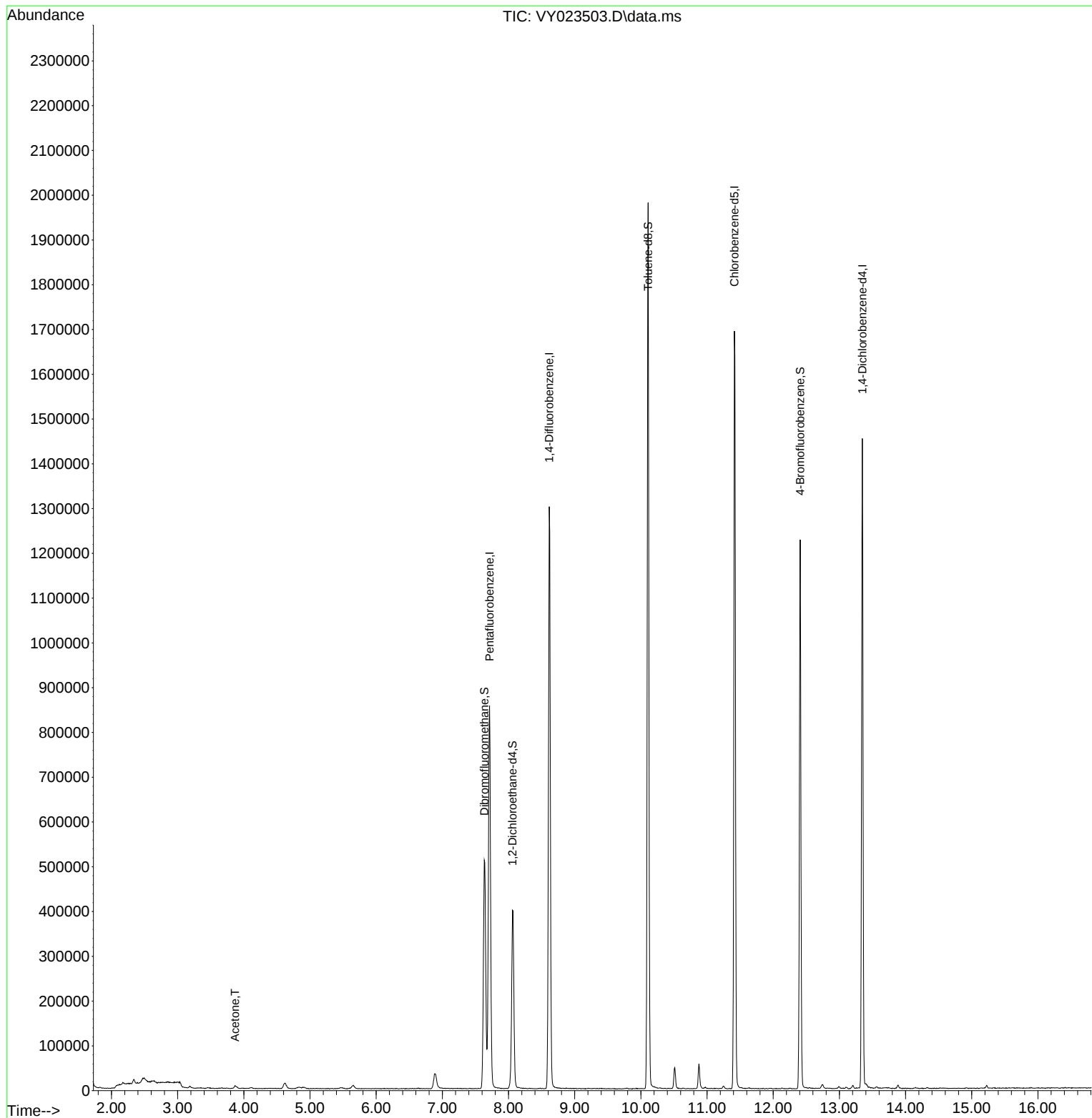
Internal Standards						
1) Pentafluorobenzene	7.713	168	718718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1177421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	987294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	387097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	308616	51.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.700%	
35) Dibromofluoromethane	7.634	113	371502	51.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.109	98	1325252	49.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.408	95	354974	39.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.820%	
Target Compounds						
16) Acetone	3.867	43	10276	7.182	ug/l	Qvalue 99

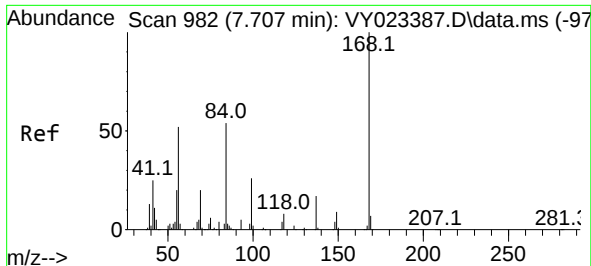
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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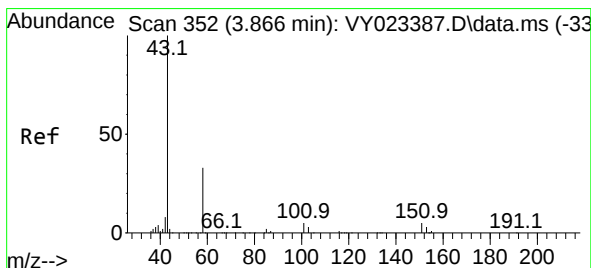
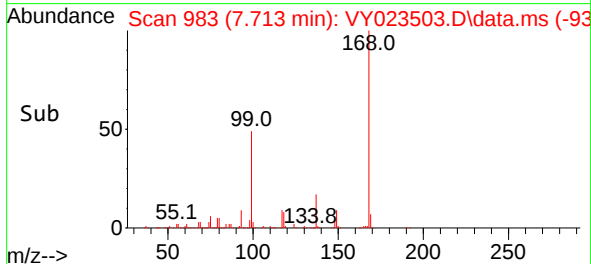
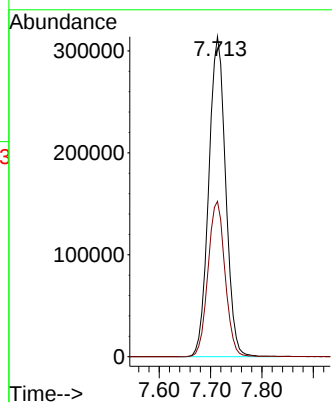
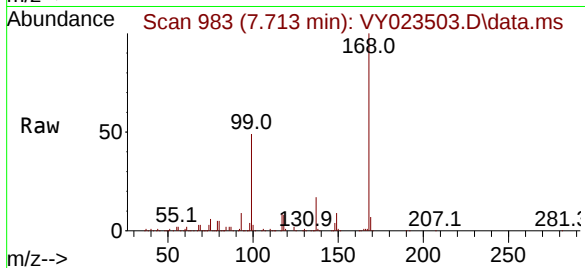




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023503.D
Acq: 20 Oct 2025 12:54

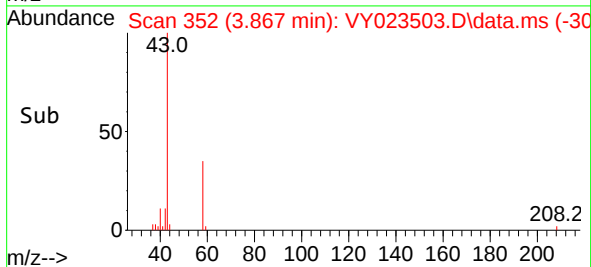
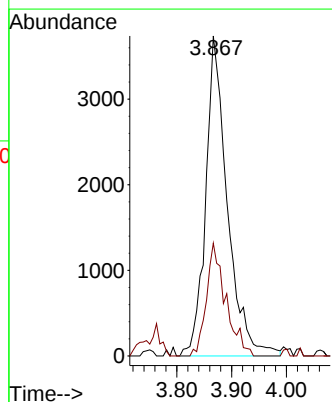
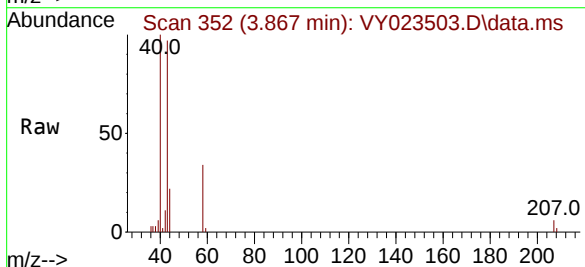
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

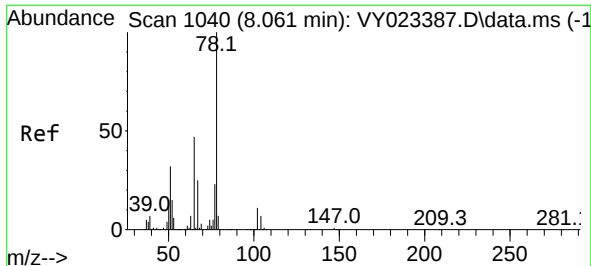
Tgt Ion:168 Resp: 718718
Ion Ratio Lower Upper
168 100
99 48.6 39.7 59.5



#16
Acetone
Concen: 7.182 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023503.D
Acq: 20 Oct 2025 12:54

Tgt Ion: 43 Resp: 10276
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5





#33

1,2-Dichloroethane-d4

Concen: 51.350 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023503.D

Acq: 20 Oct 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

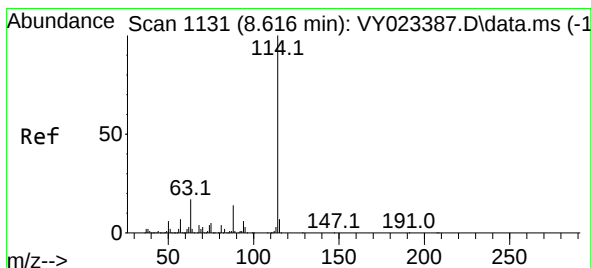
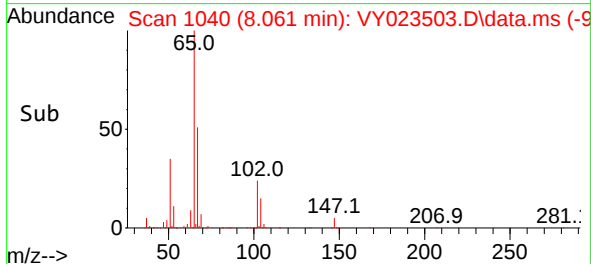
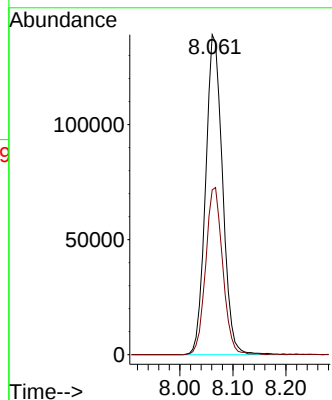
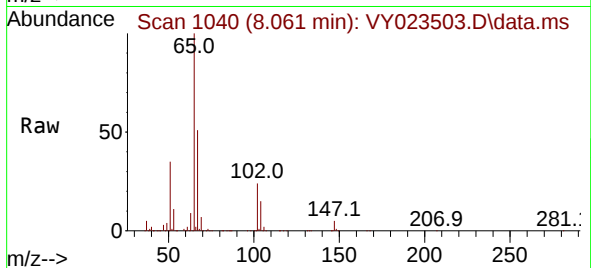
TP-5-VOC

Tgt Ion: 65 Resp: 308616

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023503.D

Acq: 20 Oct 2025 12:54

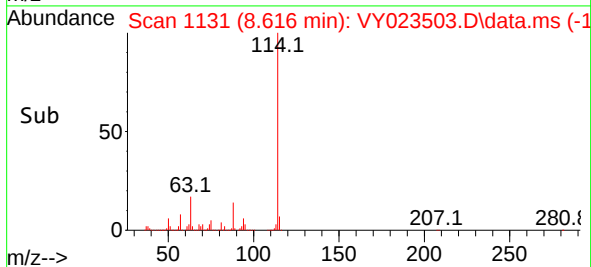
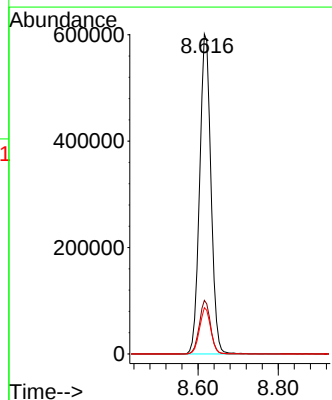
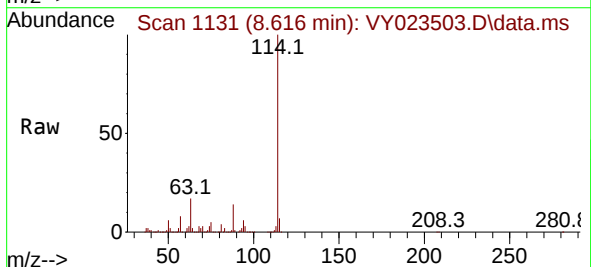
Tgt Ion: 114 Resp: 1177421

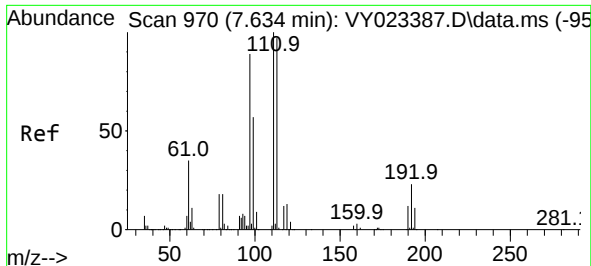
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.2

88 14.5 0.0 28.4

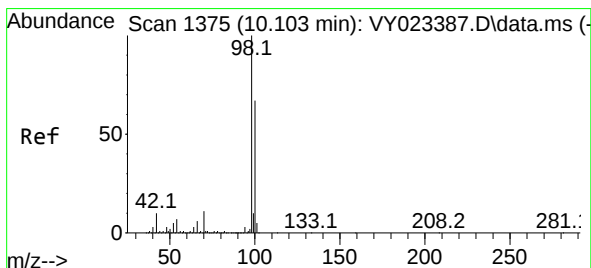
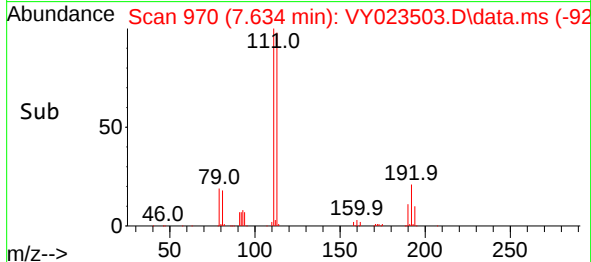
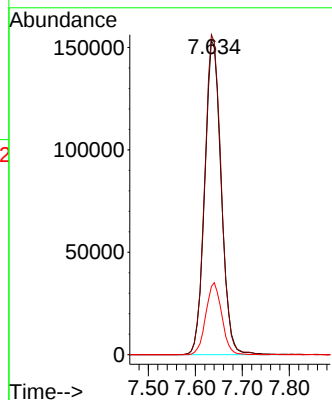
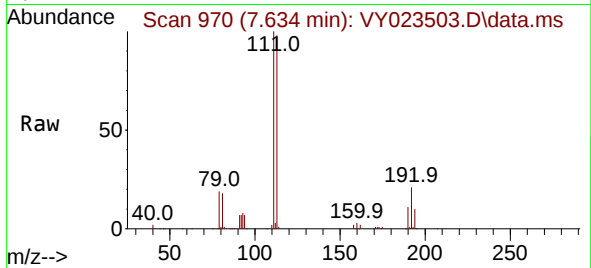




#35
Dibromofluoromethane
Concen: 51.350 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023503.D
Acq: 20 Oct 2025 12:54

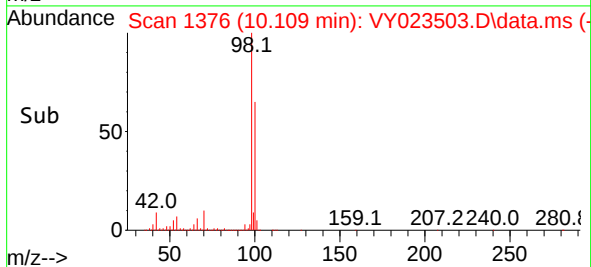
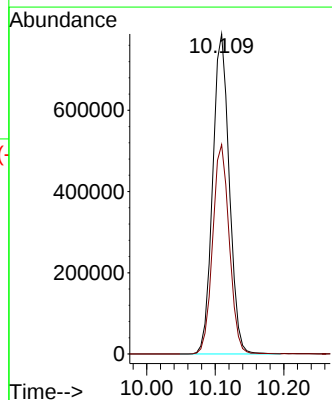
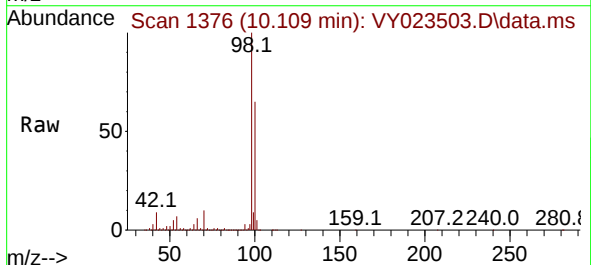
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

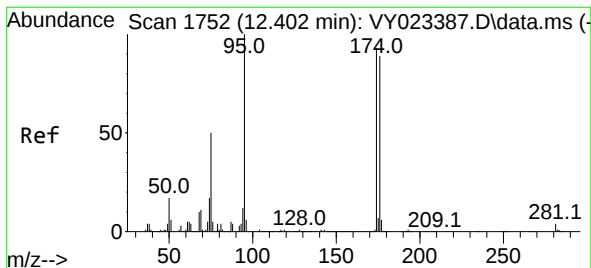
Tgt Ion:113 Resp: 371502
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 22.2 18.0 27.0



#50
Toluene-d8
Concen: 49.188 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023503.D
Acq: 20 Oct 2025 12:54

Tgt Ion: 98 Resp: 1325252
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

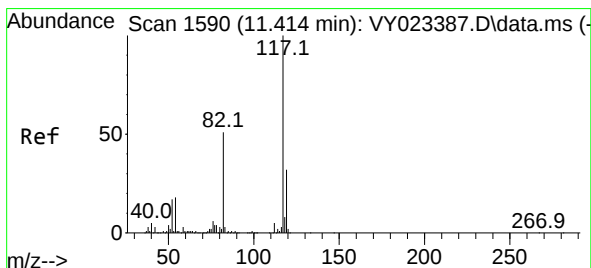
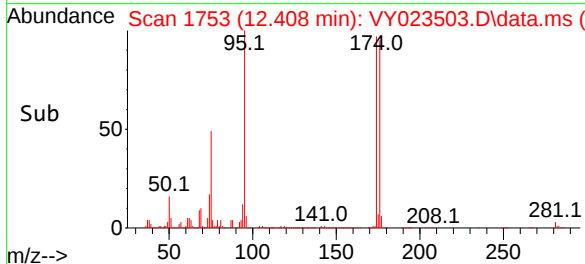
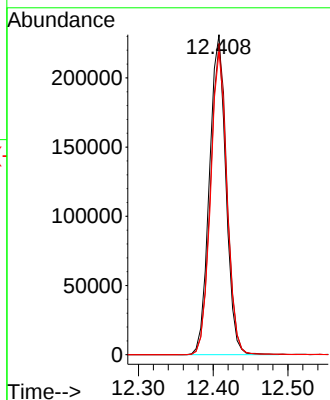
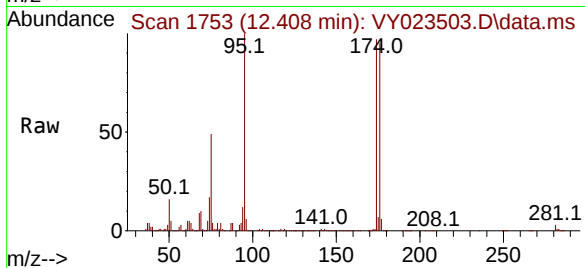




#62
4-Bromofluorobenzene
Concen: 39.907 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023503.D
Acq: 20 Oct 2025 12:54

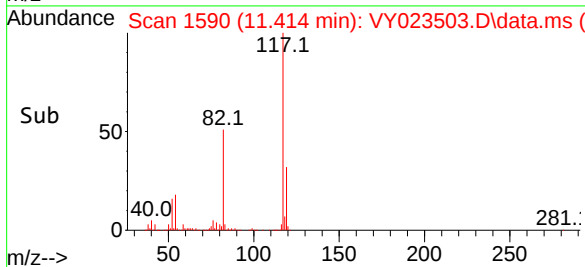
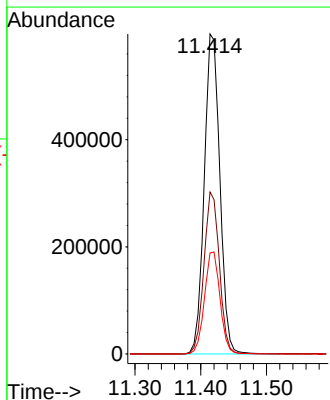
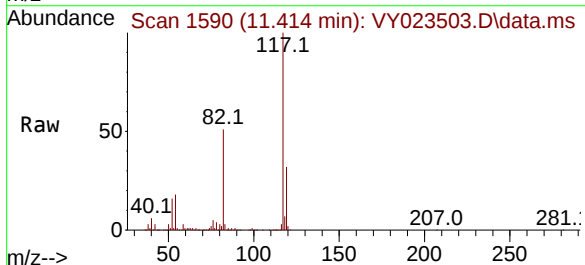
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

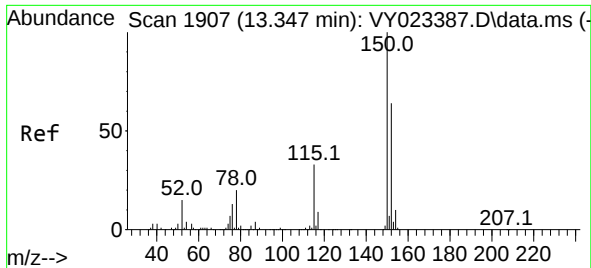
Tgt Ion: 95 Resp: 354974
Ion Ratio Lower Upper
95 100
174 97.8 0.0 192.8
176 94.3 0.0 187.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023503.D
Acq: 20 Oct 2025 12:54

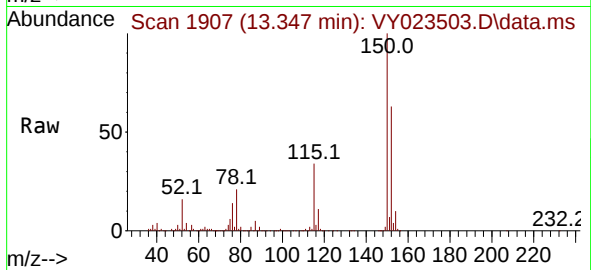
Tgt Ion: 117 Resp: 987294
Ion Ratio Lower Upper
117 100
82 50.6 41.0 61.4
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023503.D
 Acq: 20 Oct 2025 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC



Tgt Ion:152 Resp: 387097
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.1 81.2
 150 158.1 0.0 347.4

