

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
 Data File : VY022856.D
 Acq On : 27 Jun 2025 12:59
 Operator : SY/MD
 Sample : Q2436-01
 Misc : 7.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-70

Quant Time: Jun 27 23:16:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

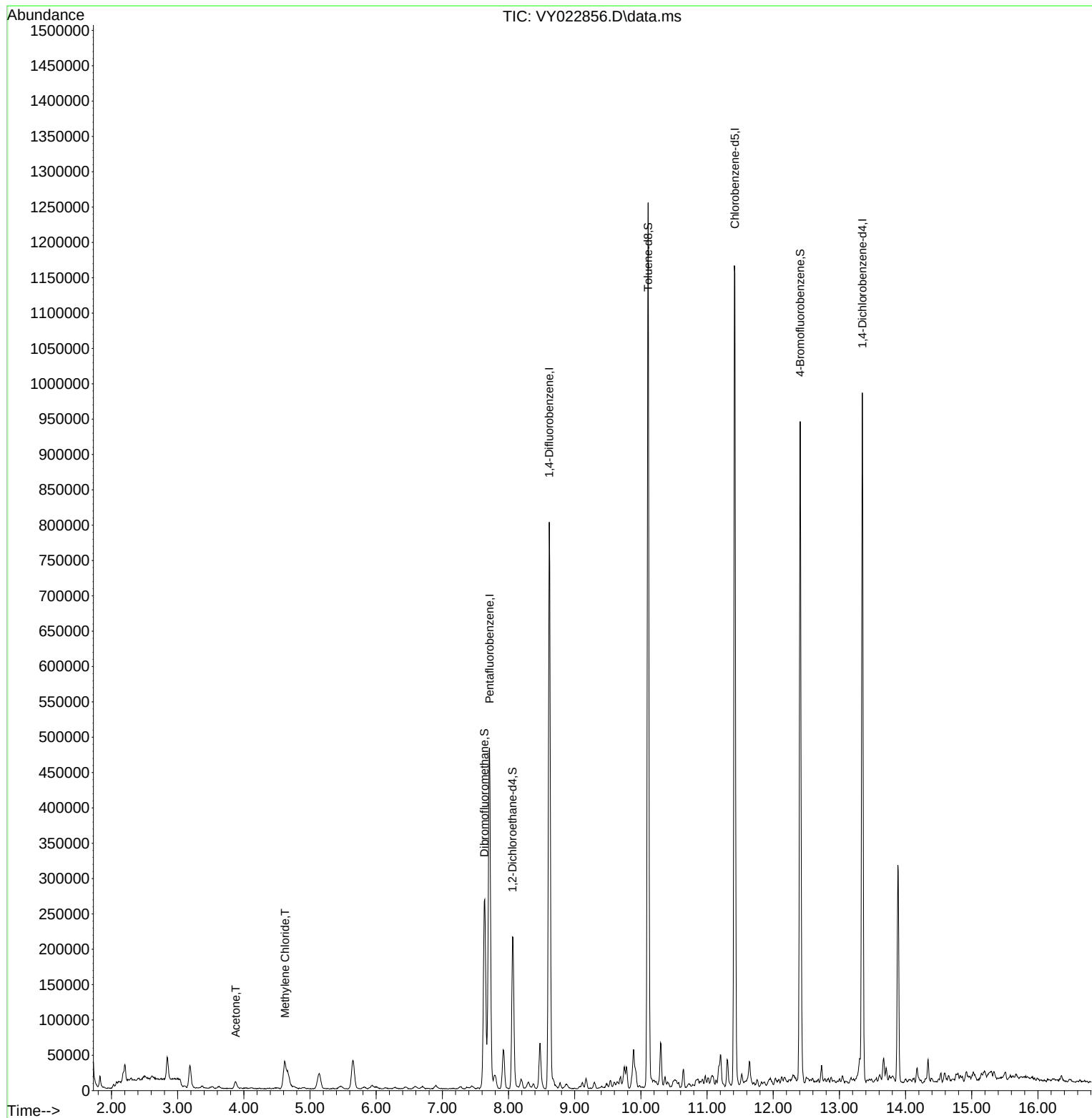
Internal Standards						
1) Pentafluorobenzene	7.713	168	370411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	661194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	597332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	238564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173351	41.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.860%
35) Dibromofluoromethane	7.634	113	192063	47.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.520%
50) Toluene-d8	10.109	98	786805	49.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.408	95	254665	49.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.300%
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	16798	21.498	ug/l #	85
20) Methylene Chloride	4.623	84	23678	4.798	ug/l	97

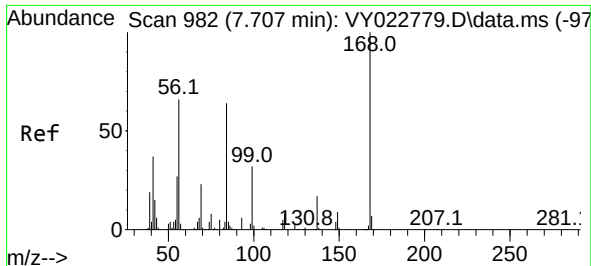
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062725\
Data File : VY022856.D
Acq On : 27 Jun 2025 12:59
Operator : SY/MD
Sample : Q2436-01
Misc : 7.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-70

Quant Time: Jun 27 23:16:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

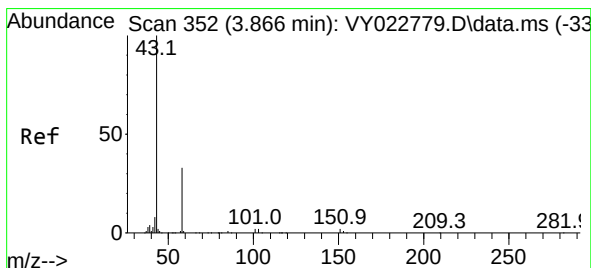
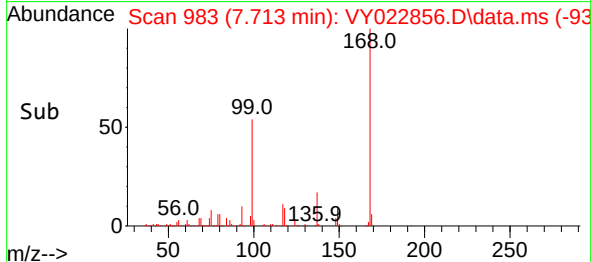
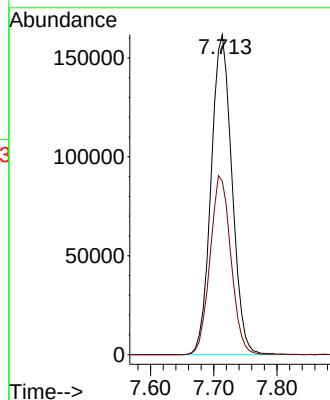
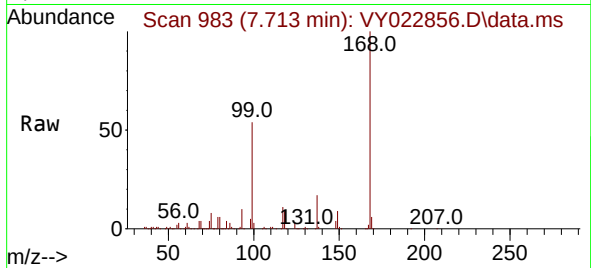




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

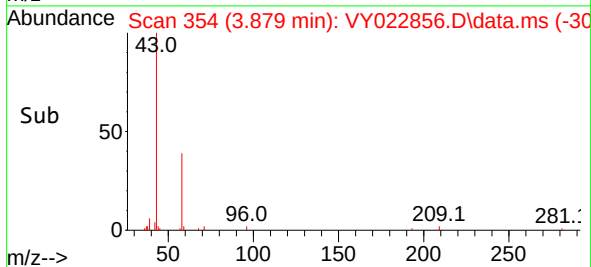
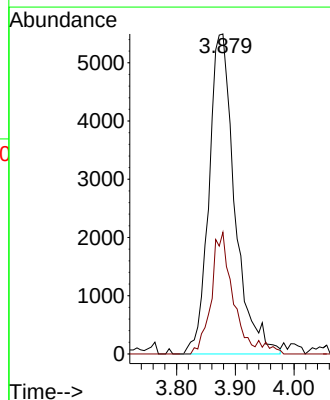
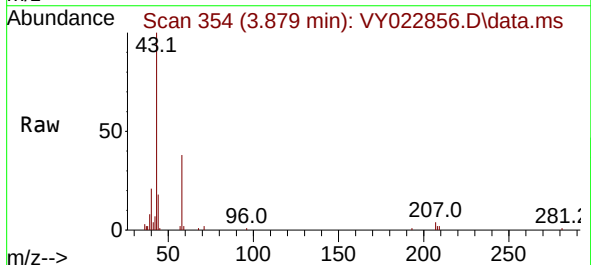
Instrument :
MSVOA_Y
ClientSampleId :
TP-70

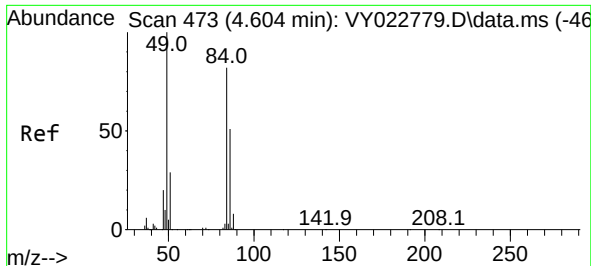
Tgt Ion:168 Resp: 370411
Ion Ratio Lower Upper
168 100
99 54.2 44.3 66.5



#16
Acetone
Concen: 21.498 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

Tgt Ion: 43 Resp: 16798
Ion Ratio Lower Upper
43 100
58 38.0 24.0 36.0#

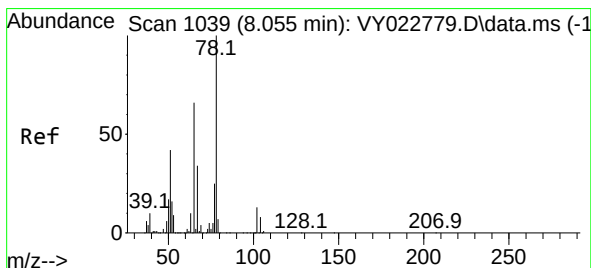
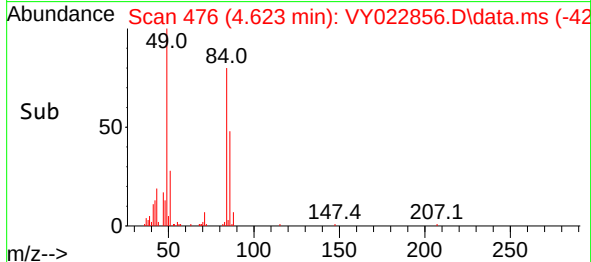
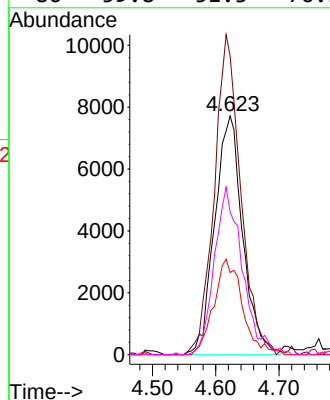
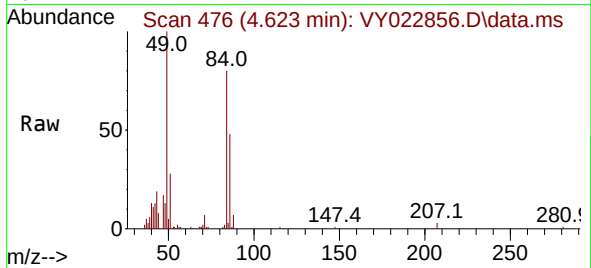




#20
Methylene Chloride
Concen: 4.798 ug/l
RT: 4.623 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

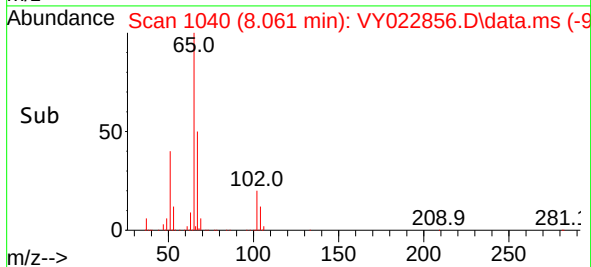
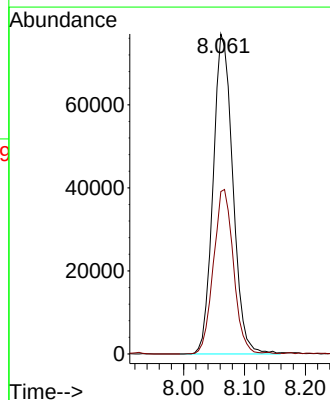
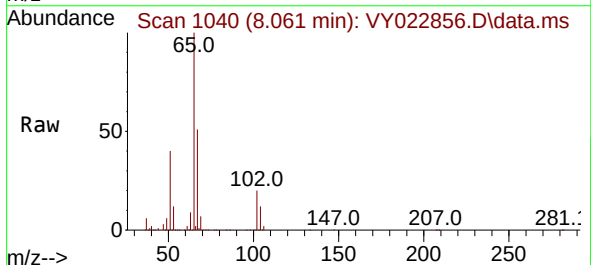
Instrument :
MSVOA_Y
ClientSampleId :
TP-70

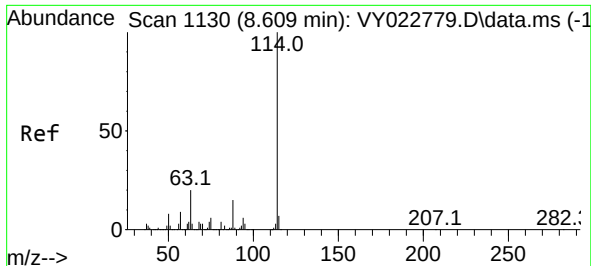
Tgt Ion:	84	Resp:	23678
Ion	Ratio	Lower	Upper
84	100		
49	125.2	101.9	152.9
51	34.5	29.8	44.8
86	59.8	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 41.931 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

Tgt Ion:	65	Resp:	173351
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.4

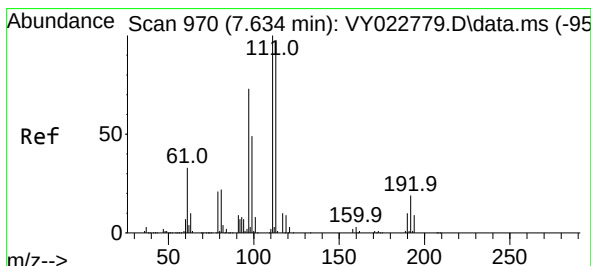
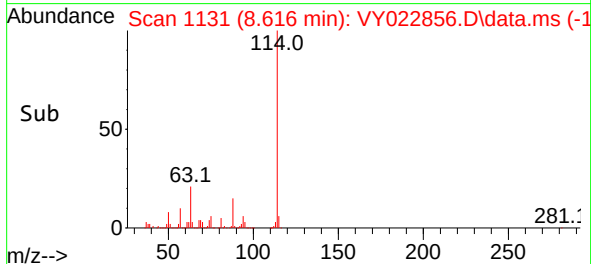
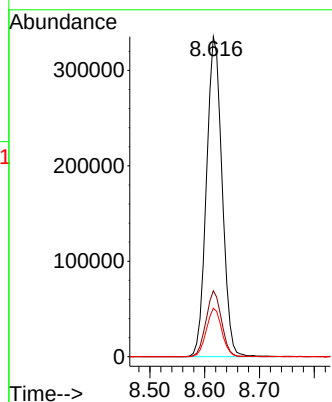
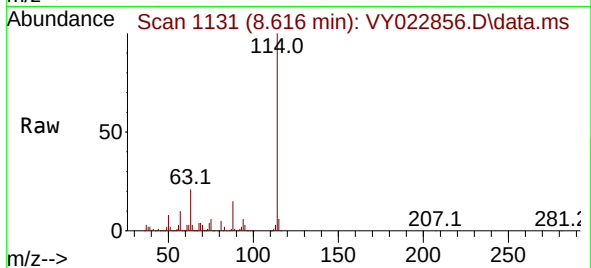




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

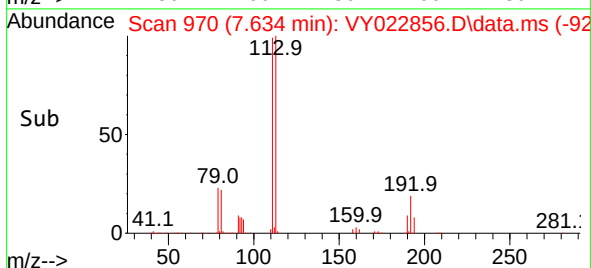
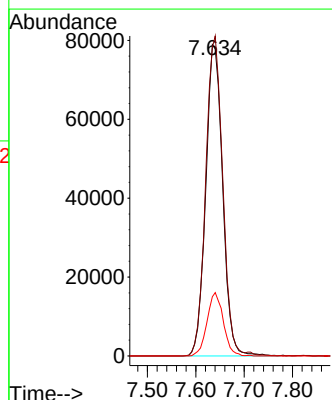
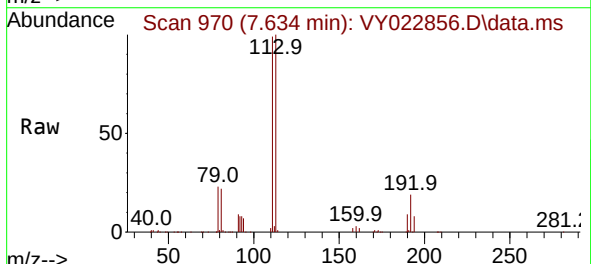
Instrument :
MSVOA_Y
ClientSampleId :
TP-70

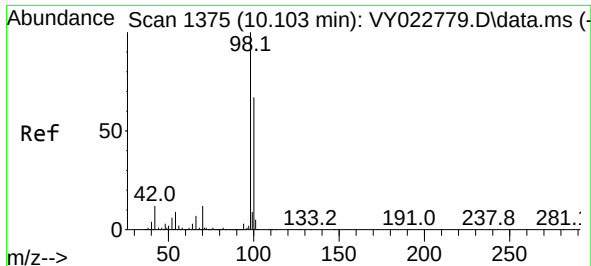
Tgt Ion:114 Resp: 661194
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.2 0.0 27.8



#35
Dibromofluoromethane
Concen: 47.764 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

Tgt Ion:113 Resp: 192063
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 19.5 14.2 21.2

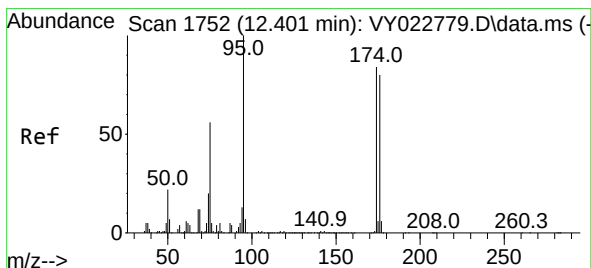
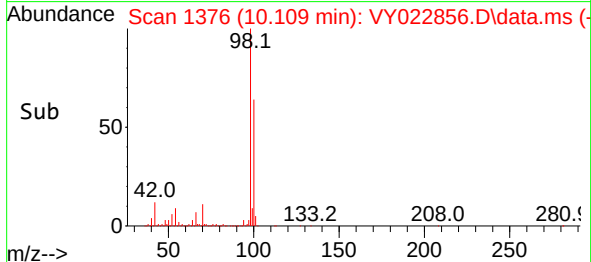
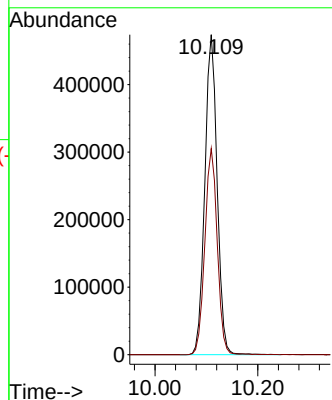
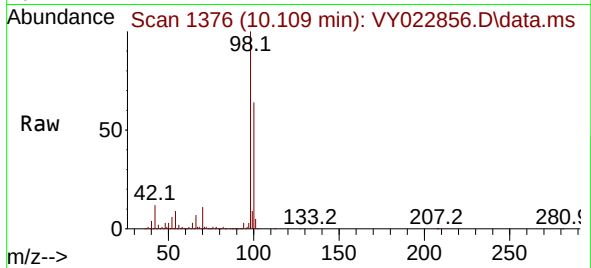




#50
Toluene-d8
Concen: 49.310 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

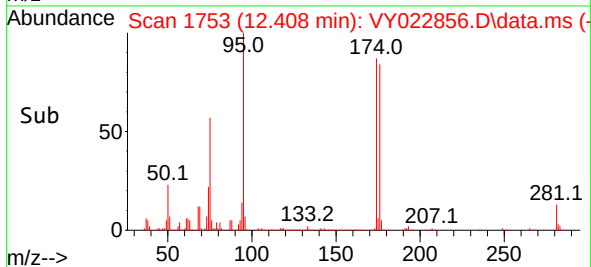
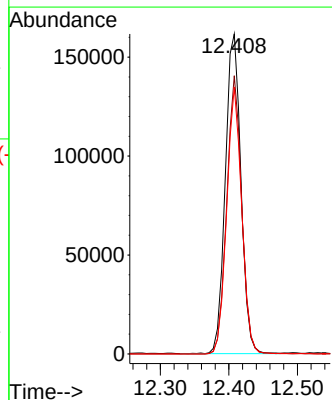
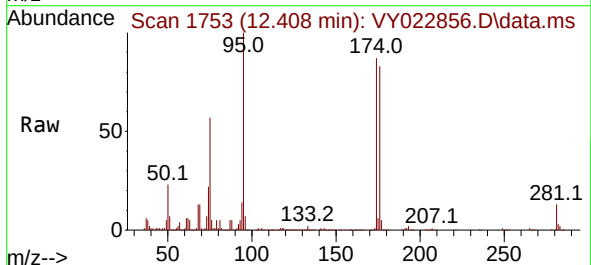
Instrument :
MSVOA_Y
ClientSampleId :
TP-70

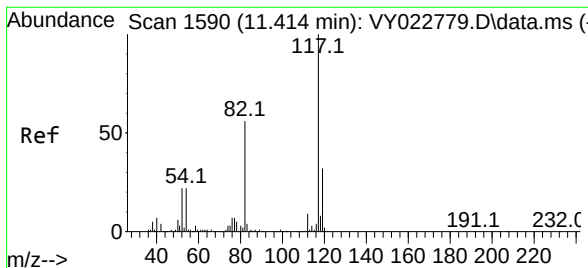
Tgt Ion: 98 Resp: 786805
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.648 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022856.D
Acq: 27 Jun 2025 12:59

Tgt Ion: 95 Resp: 254665
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.0
176 80.3 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022856.D

Acq: 27 Jun 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-70

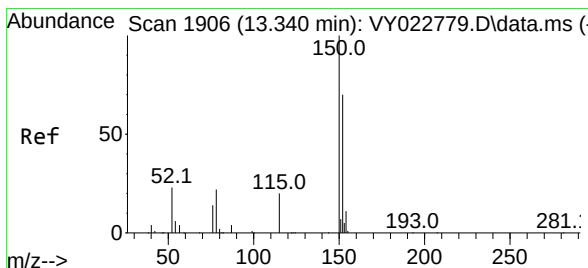
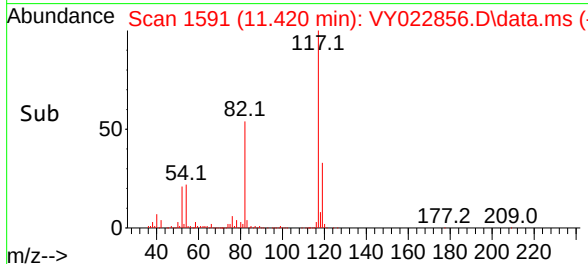
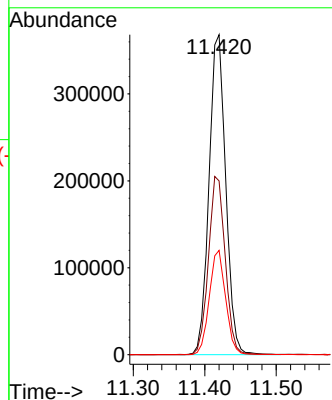
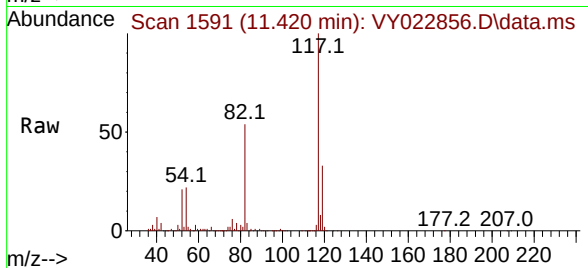
Tgt Ion:117 Resp: 597332

Ion Ratio Lower Upper

117 100

82 54.2 44.6 66.8

119 32.6 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: VY022856.D

Acq: 27 Jun 2025 12:59

Tgt Ion:152 Resp: 238564

Ion Ratio Lower Upper

152 100

115 57.9 28.9 86.7

150 155.7 0.0 349.6

