

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
 Data File : VY022846.D
 Acq On : 26 Jun 2025 13:43
 Operator : SY/MD
 Sample : Q2371-06
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GBUFF1

Quant Time: Jun 27 01:28:01 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)

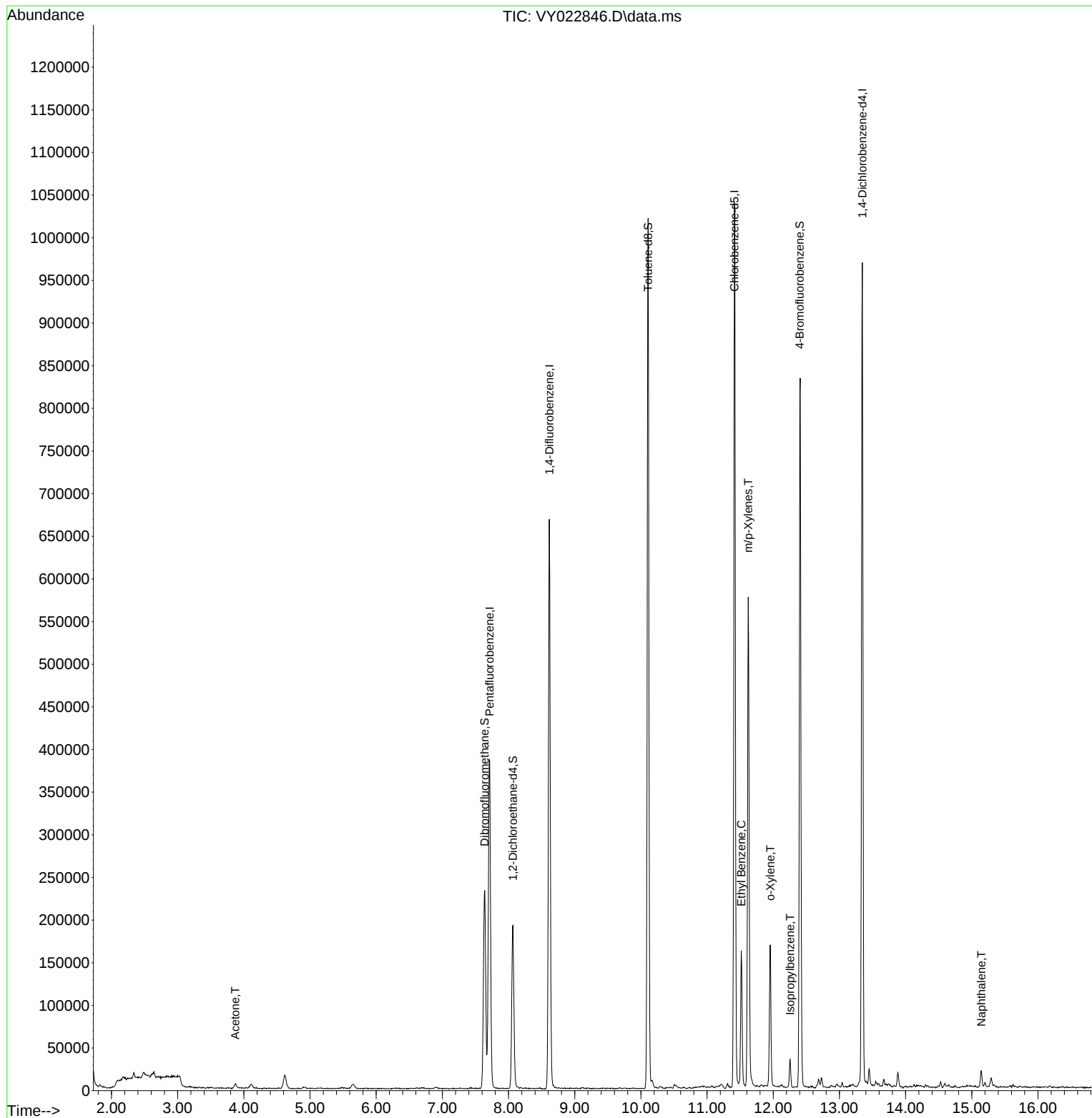
Internal Standards						
1) Pentafluorobenzene	7.713	168	299952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	553421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	528624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	237063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	152936	45.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.640	113	166264	49.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.109	98	659006	49.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.402	95	234092	54.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.040%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	8951	14.146	ug/l	99
67) Ethyl Benzene	11.518	91	105490	5.169	ug/l	98
68) m/p-Xylenes	11.621	106	162120	20.550	ug/l	98
69) o-Xylene	11.956	106	42090	5.662	ug/l	93
73) Isopropylbenzene	12.255	105	18605	1.061	ug/l	99
95) Naphthalene	15.145	128	15371	2.140	ug/l	98

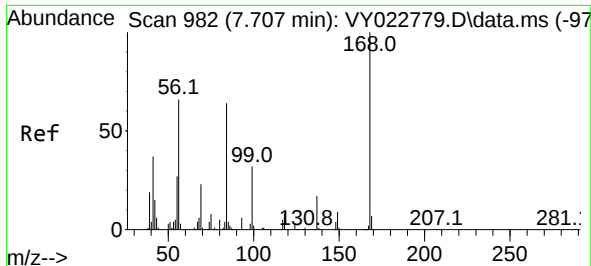
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062625\
Data File : VY022846.D
Acq On : 26 Jun 2025 13:43
Operator : SY/MD
Sample : Q2371-06
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GBUFF1

Quant Time: Jun 27 01:28:01 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

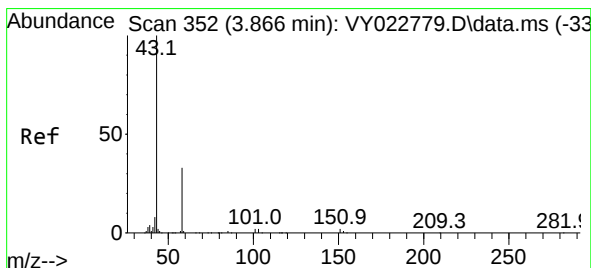
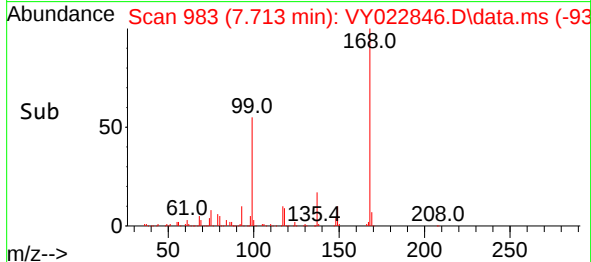
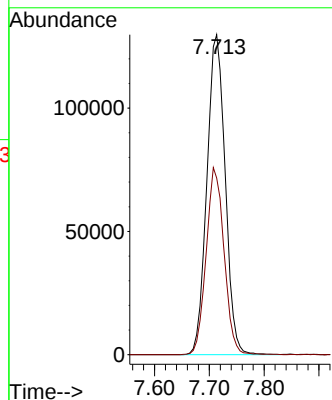
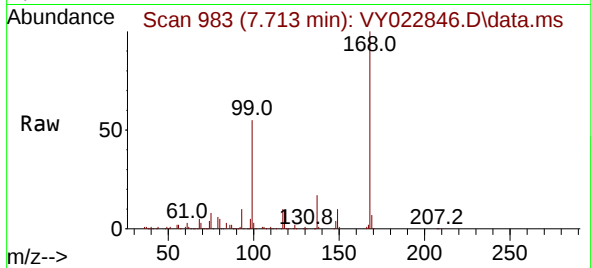




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

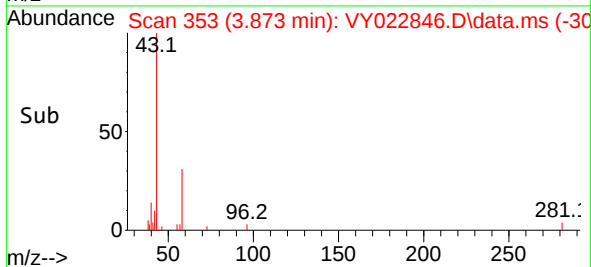
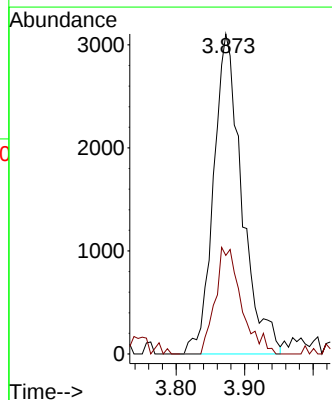
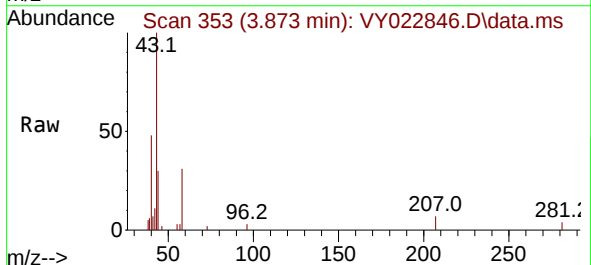
Instrument :
MSVOA_Y
ClientSampleId :
GBUFF1

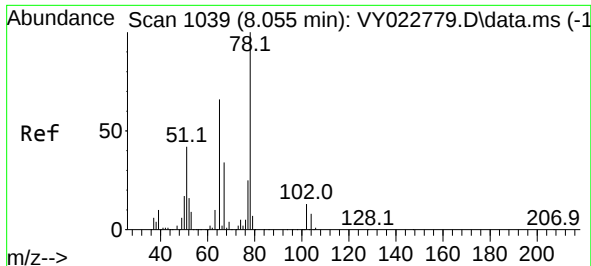
Tgt Ion:168 Resp: 299952
Ion Ratio Lower Upper
168 100
99 55.2 44.3 66.5



#16
Acetone
Concen: 14.146 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

Tgt Ion: 43 Resp: 8951
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0

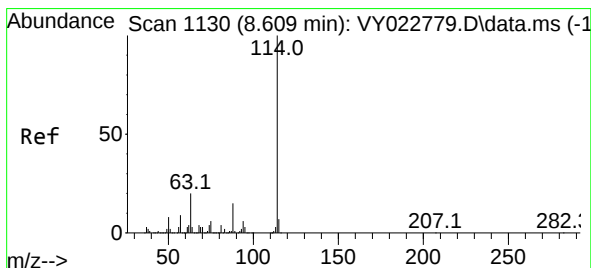
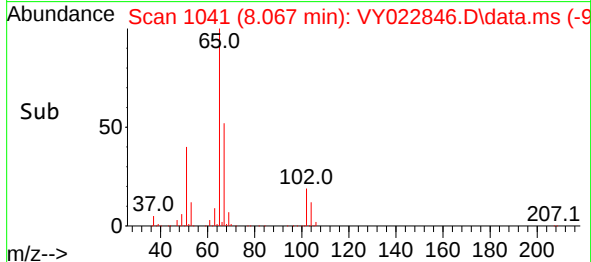
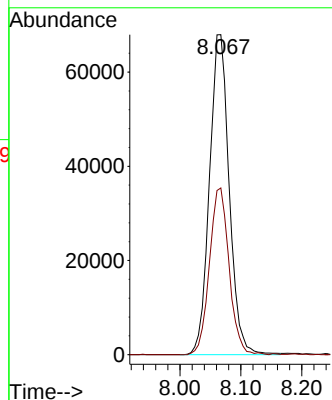
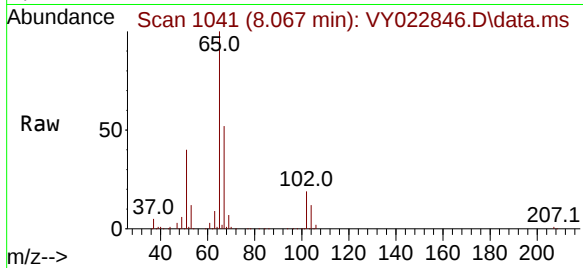




#33
 1,2-Dichloroethane-d4
 Concen: 45.683 ug/l
 RT: 8.067 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY022846.D
 Acq: 26 Jun 2025 13:43

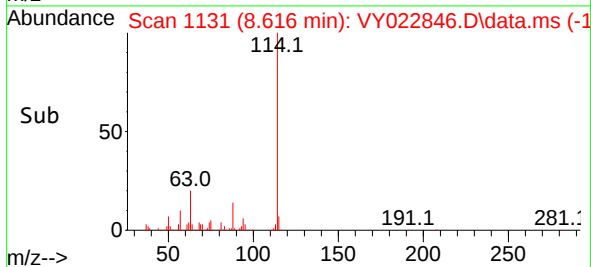
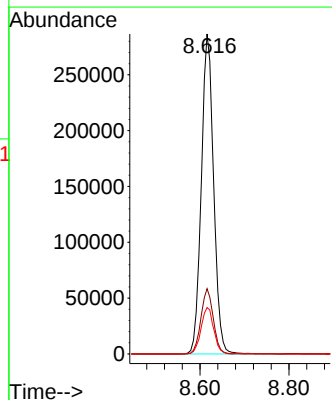
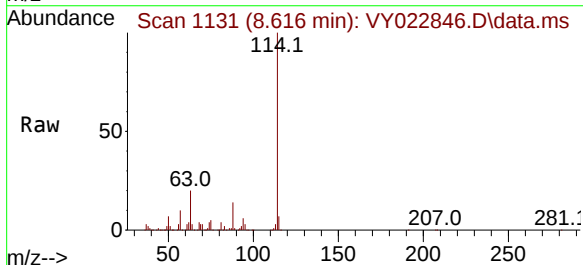
Instrument :
 MSVOA_Y
 ClientSampleId :
 GBUFF1

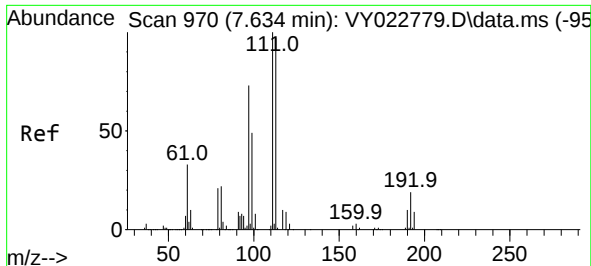
Tgt Ion: 65 Resp: 152936
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022846.D
 Acq: 26 Jun 2025 13:43

Tgt Ion: 114 Resp: 553421
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 14.5 0.0 27.8

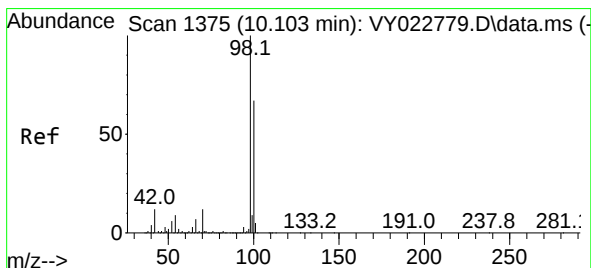
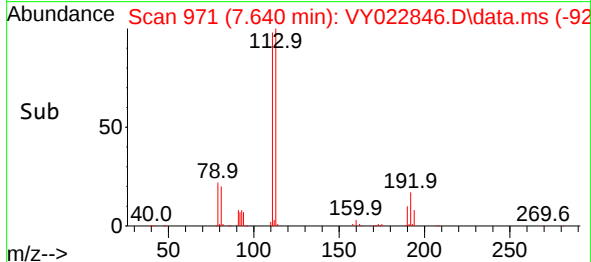
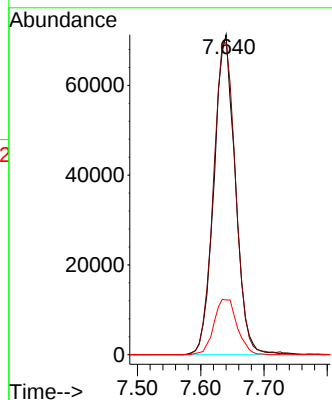
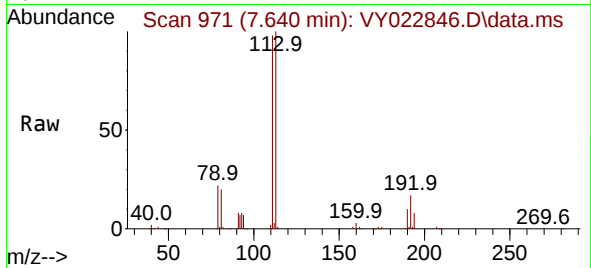




#35
Dibromofluoromethane
Concen: 49.400 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

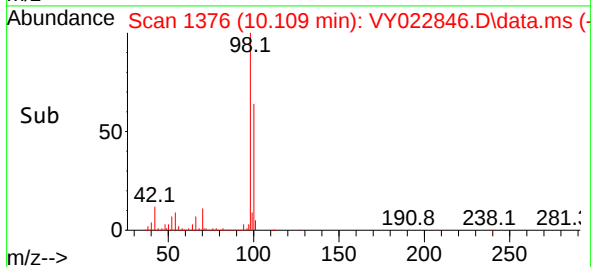
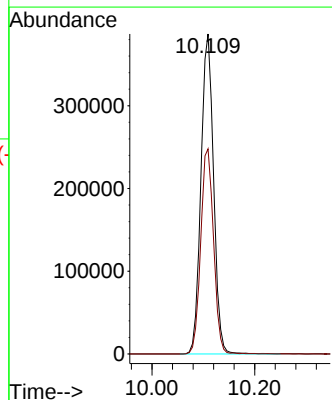
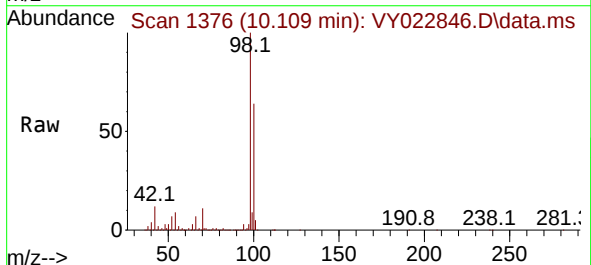
Instrument :
MSVOA_Y
ClientSampleId :
GBUFF1

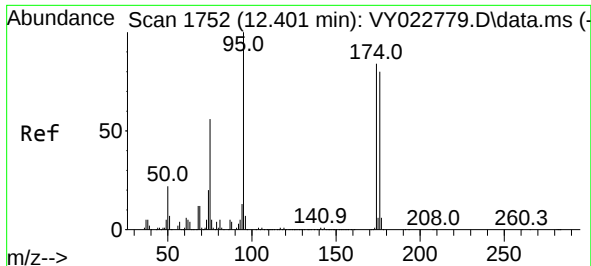
Tgt Ion:113 Resp: 166264
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 18.9 14.2 21.2



#50
Toluene-d8
Concen: 49.344 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

Tgt Ion: 98 Resp: 659006
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

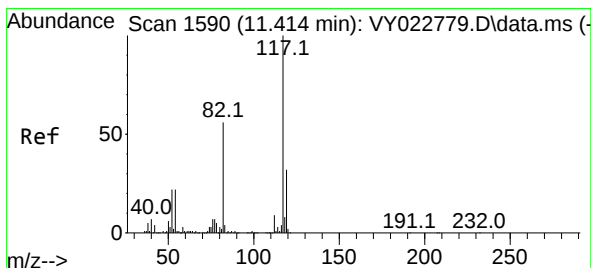
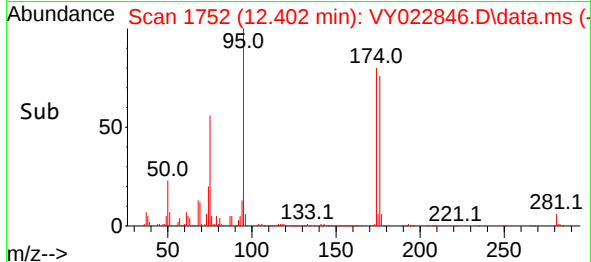
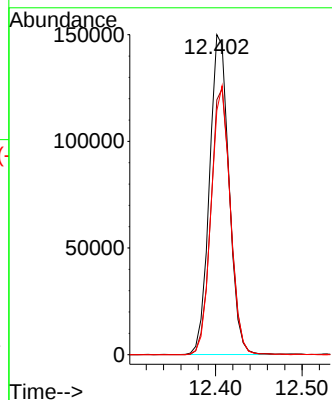
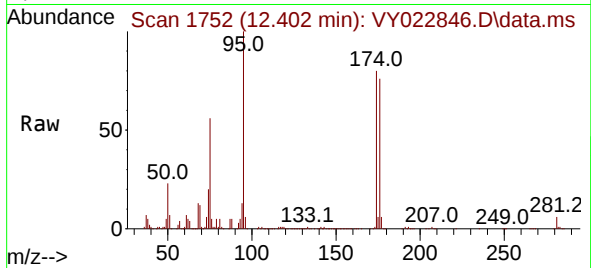




#62
4-Bromofluorobenzene
Concen: 54.525 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

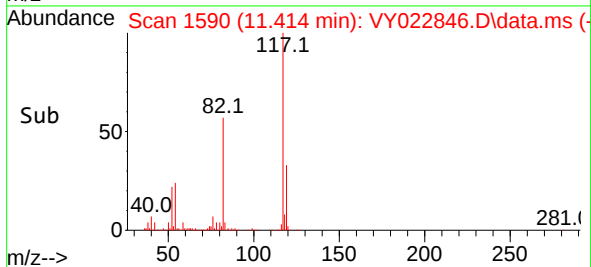
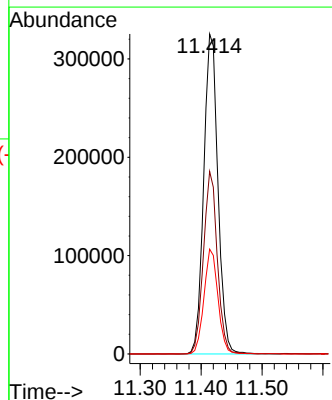
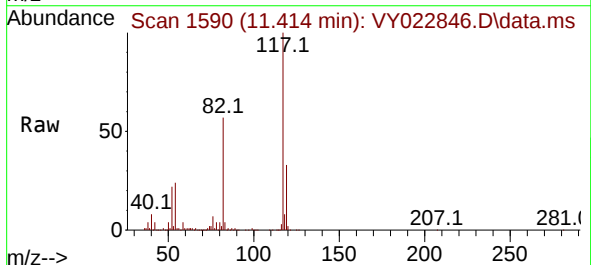
Instrument :
MSVOA_Y
ClientSampleId :
GBUFF1

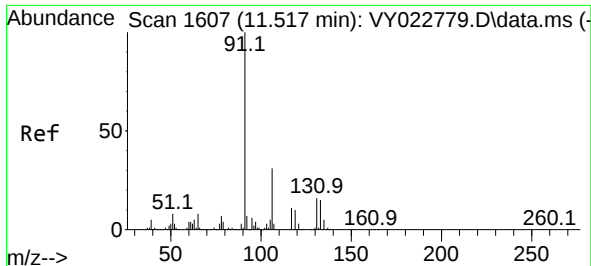
Tgt Ion: 95 Resp: 234092
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.0
176 82.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

Tgt Ion: 117 Resp: 528624
Ion Ratio Lower Upper
117 100
82 57.0 44.6 66.8
119 32.8 25.4 38.0





#67

Ethyl Benzene

Concen: 5.169 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022846.D

Acq: 26 Jun 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

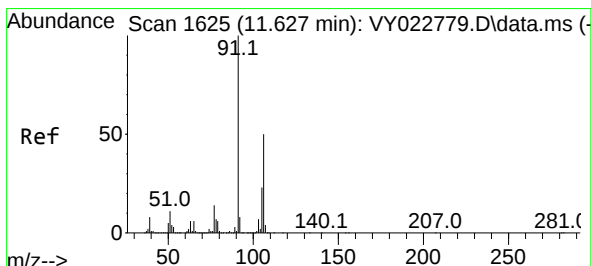
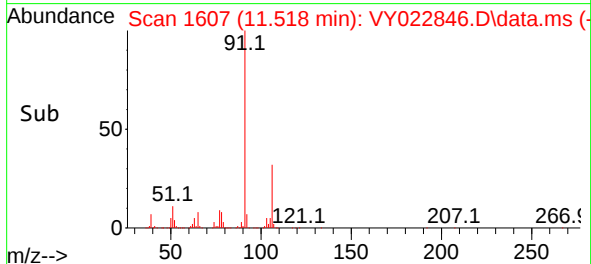
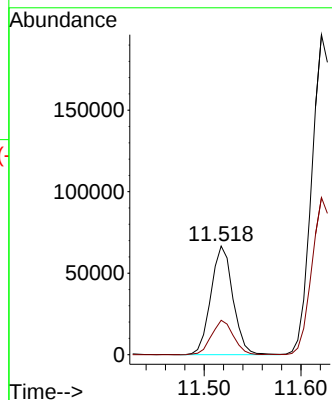
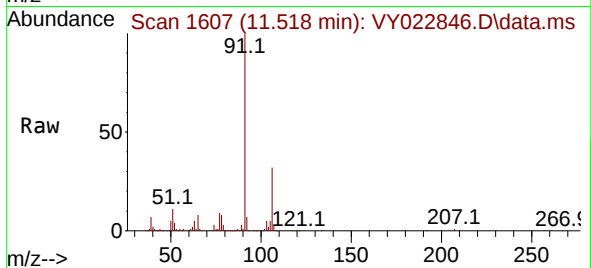
GBUFF1

Tgt Ion: 91 Resp: 105490

Ion Ratio Lower Upper

91 100

106 31.6 24.2 36.4



#68

m/p-Xylenes

Concen: 20.550 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY022846.D

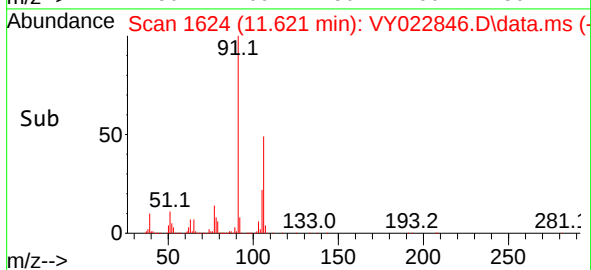
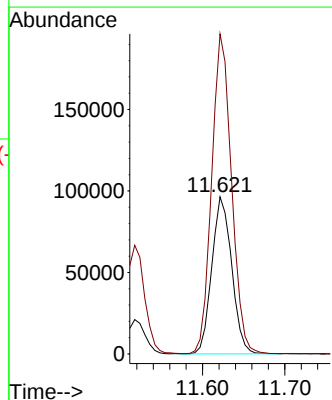
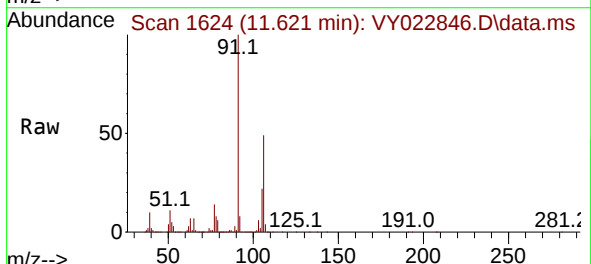
Acq: 26 Jun 2025 13:43

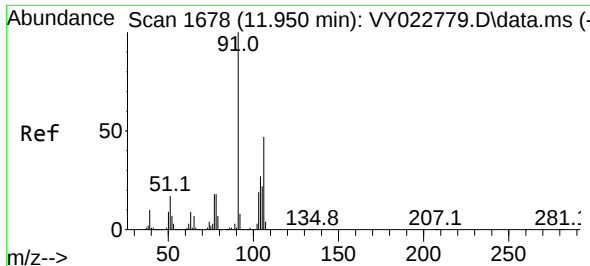
Tgt Ion:106 Resp: 162120

Ion Ratio Lower Upper

106 100

91 202.7 159.4 239.0

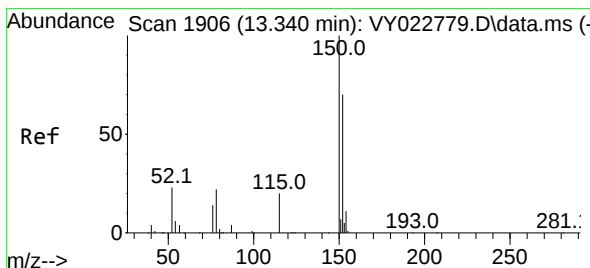
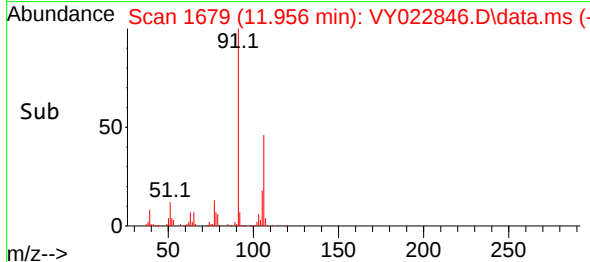
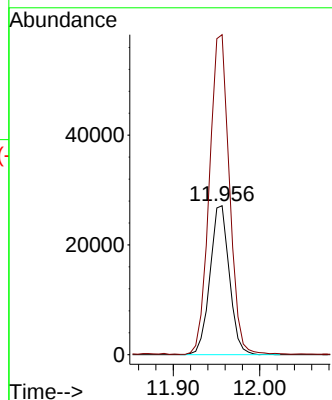
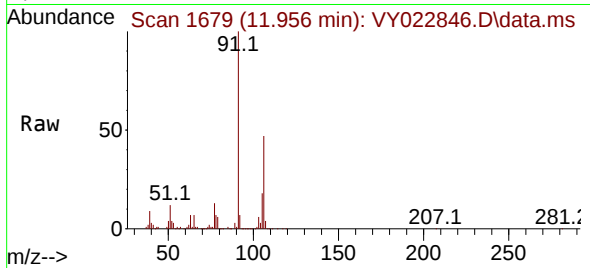




#69
o-Xylene
Concen: 5.662 ug/l
RT: 11.956 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

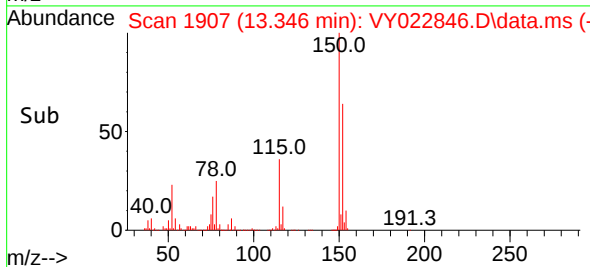
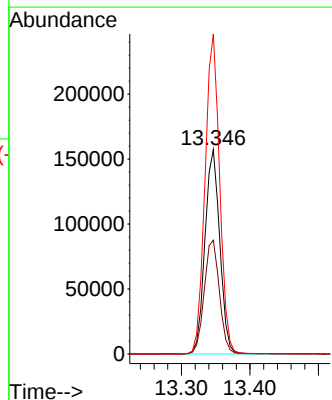
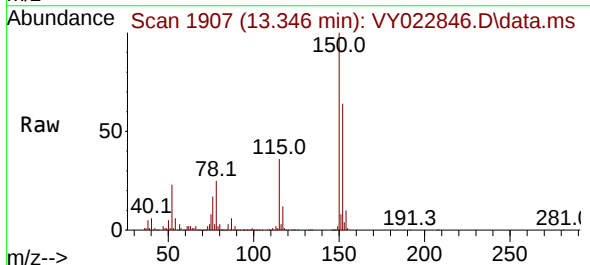
Instrument :
MSVOA_Y
ClientSampleId :
GBUFF1

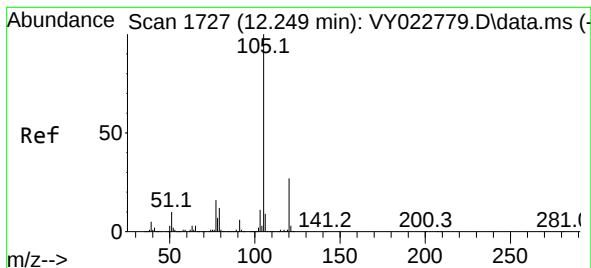
Tgt Ion:106 Resp: 42090
Ion Ratio Lower Upper
106 100
91 221.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022846.D
Acq: 26 Jun 2025 13:43

Tgt Ion:152 Resp: 237063
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 154.4 0.0 349.6





#73

Isopropylbenzene

Concen: 1.061 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022846.D

Acq: 26 Jun 2025 13:43

Instrument :

MSVOA_Y

ClientSampleId :

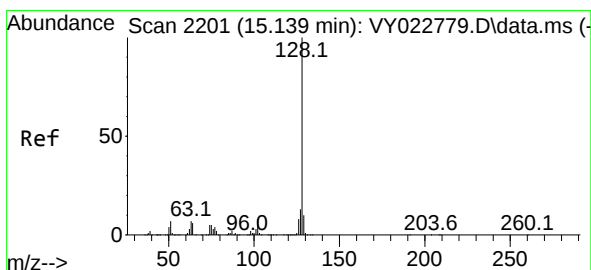
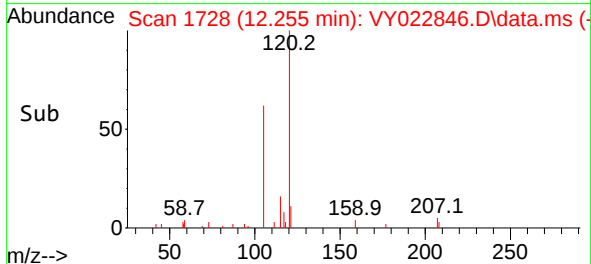
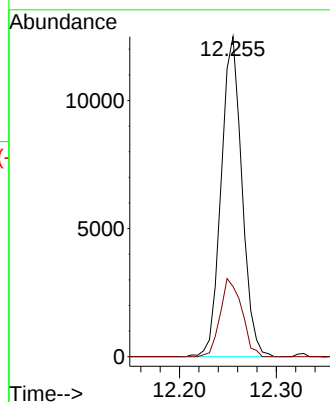
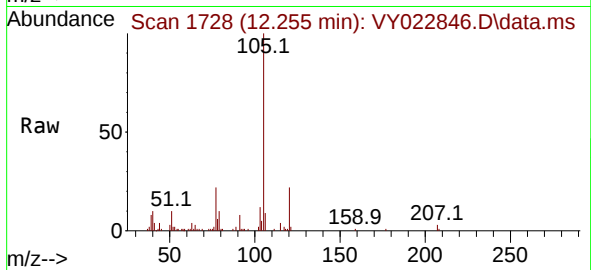
GBUFF1

Tgt Ion:105 Resp: 18605

Ion Ratio Lower Upper

105 100

120 25.3 13.0 38.9



#95

Naphthalene

Concen: 2.140 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022846.D

Acq: 26 Jun 2025 13:43

Tgt Ion:128 Resp: 15371

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 12.1 8.9 13.3

