

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022292.D
 Acq On : 16 May 2025 15:38
 Operator : SY/MD
 Sample : Q2010-04
 Misc : 7.85g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-17

Quant Time: May 17 01:34:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

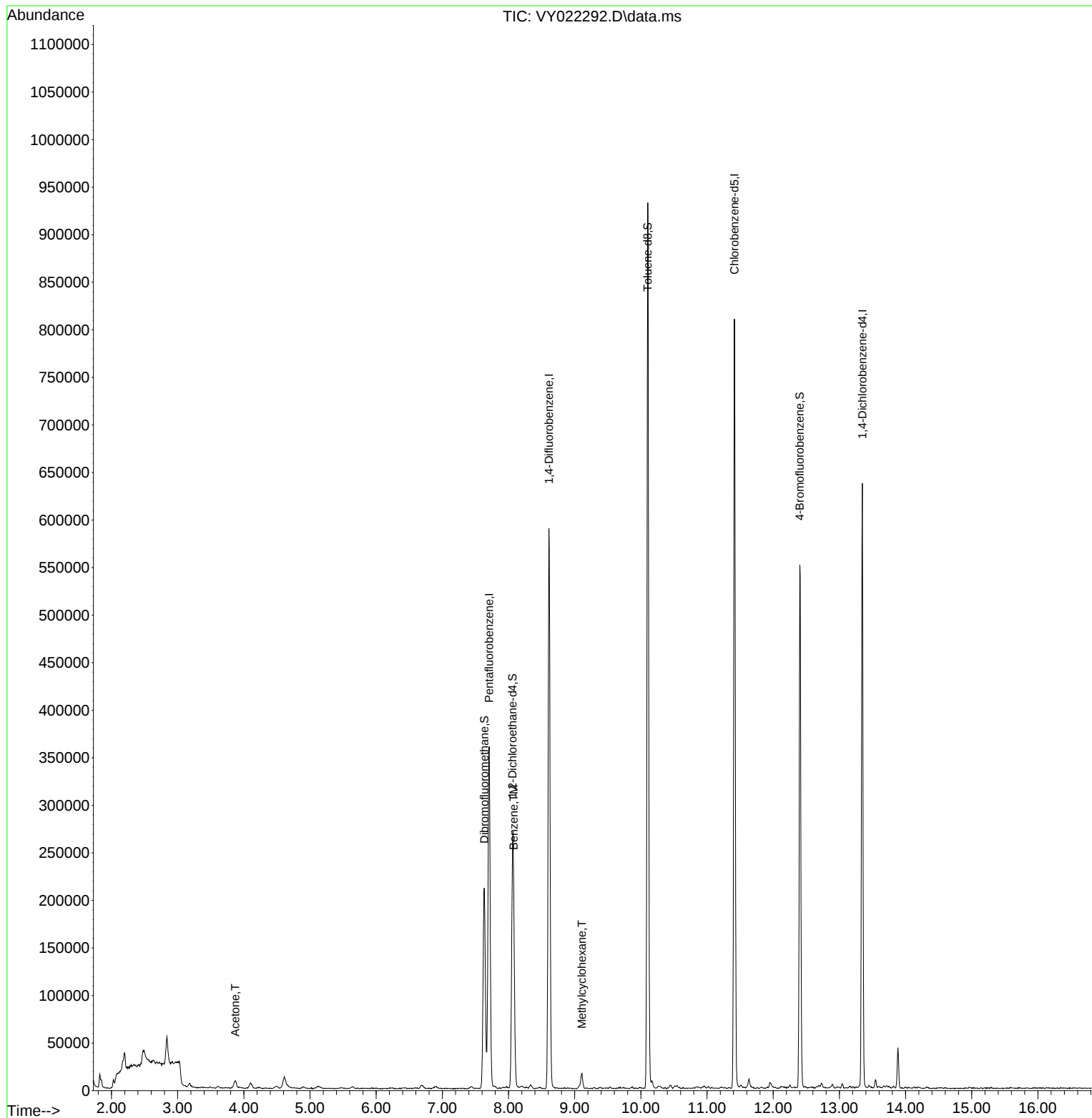
Internal Standards						
1) Pentafluorobenzene	7.707	168	268322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	484104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	388336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150003	51.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.300%	
35) Dibromofluoromethane	7.634	113	147207	50.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.103	98	579549	48.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.401	95	152887	40.760	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.520%	
Target Compounds						
						Qvalue
16) Acetone	3.873	43	14163	25.757	ug/l	96
39) Methylcyclohexane	9.109	83	6416	1.003	ug/l	98
40) Benzene	8.079	78	117629	8.337	ug/l	95

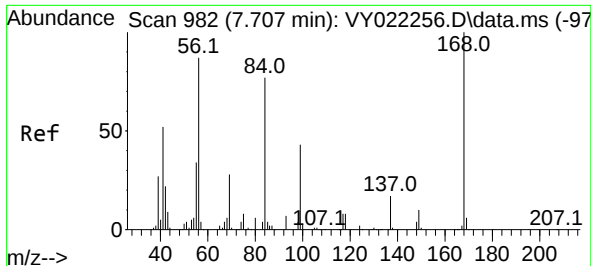
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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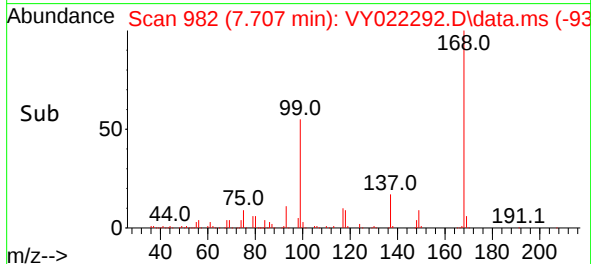
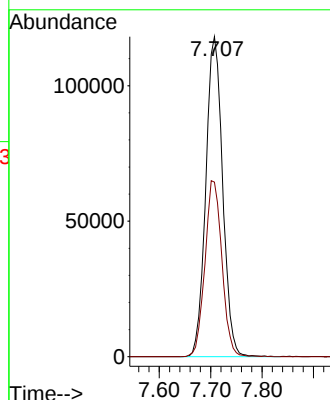
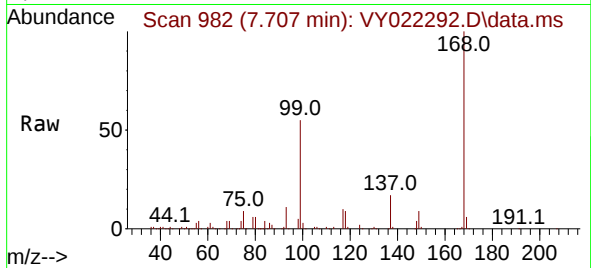




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022292.D
Acq: 16 May 2025 15:38

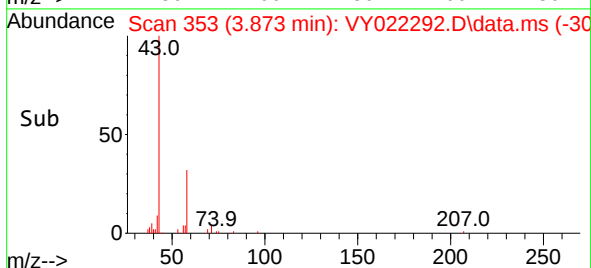
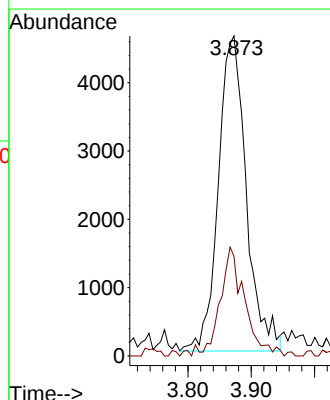
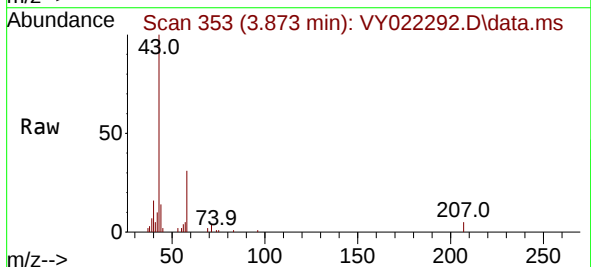
Instrument :
MSVOA_Y
ClientSampleId :
TP-17

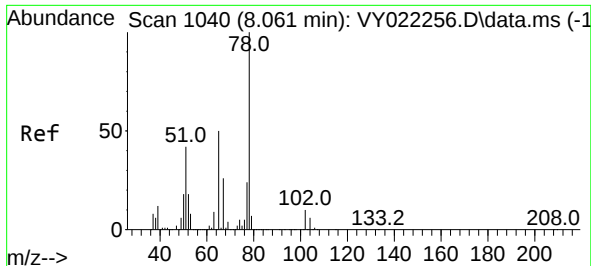
Tgt Ion:168 Resp: 268322
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#16
Acetone
Concen: 25.757 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022292.D
Acq: 16 May 2025 15:38

Tgt Ion: 43 Resp: 14163
Ion Ratio Lower Upper
43 100
58 31.6 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 51.152 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022292.D

Acq: 16 May 2025 15:38

Instrument :

MSVOA_Y

ClientSampleId :

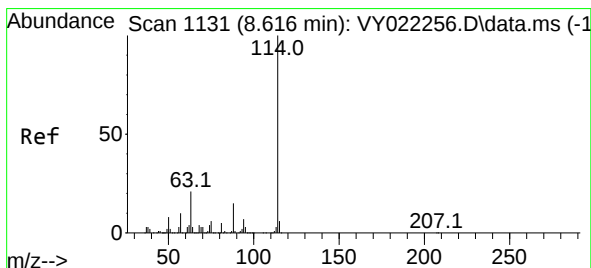
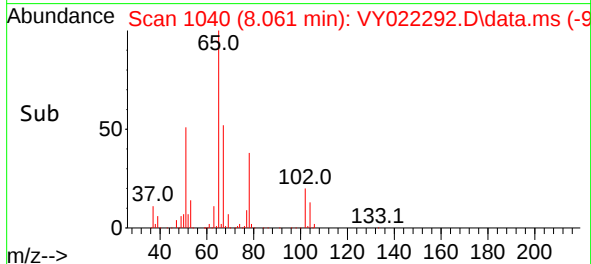
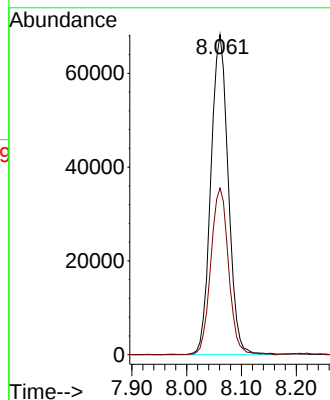
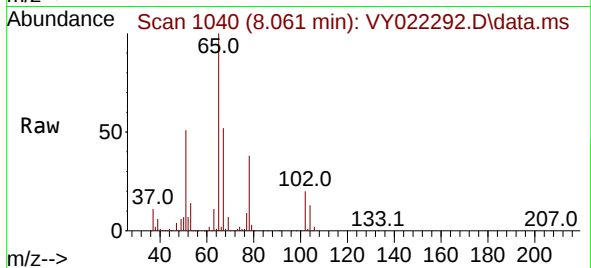
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Tgt Ion: 65 Resp: 150003

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022292.D

Acq: 16 May 2025 15:38

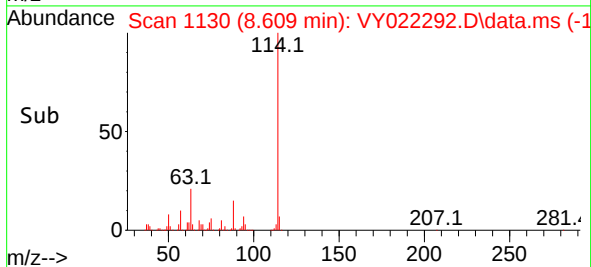
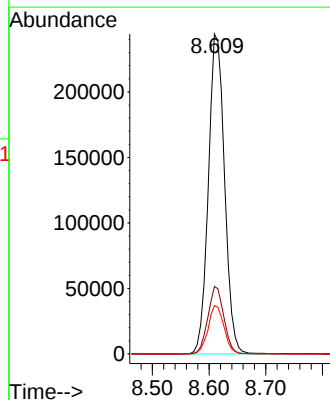
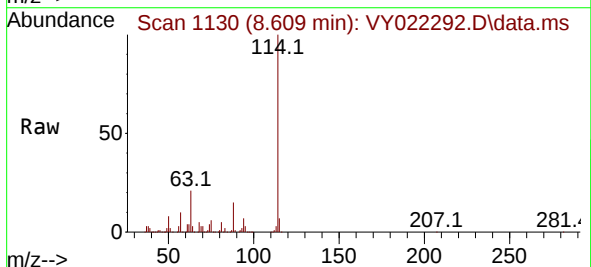
Tgt Ion: 114 Resp: 484104

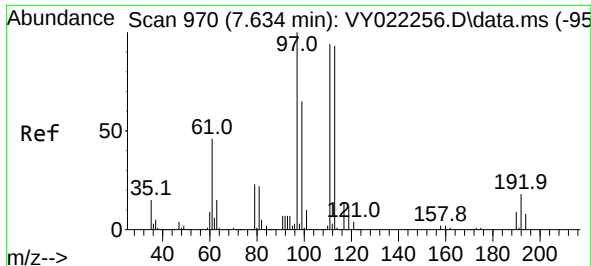
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.0

88 15.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 50.947 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022292.D

Acq: 16 May 2025 15:38

Instrument :

MSVOA_Y

ClientSampleId :

TP-17

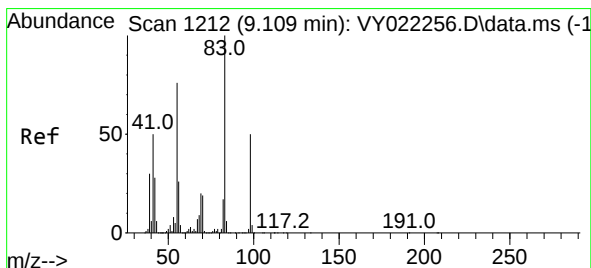
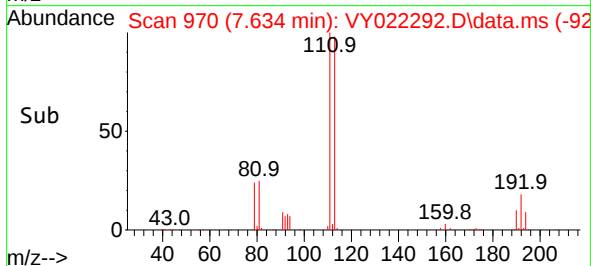
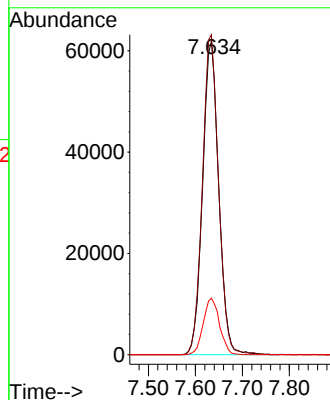
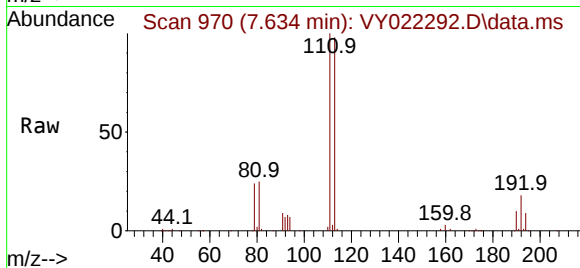
Tgt Ion:113 Resp: 147207

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.2 15.2 22.8



#39

Methylcyclohexane

Concen: 1.003 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022292.D

Acq: 16 May 2025 15:38

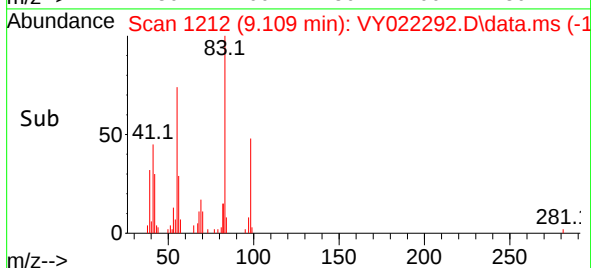
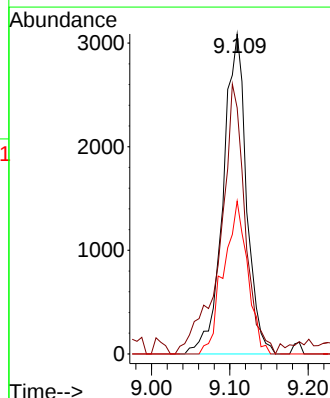
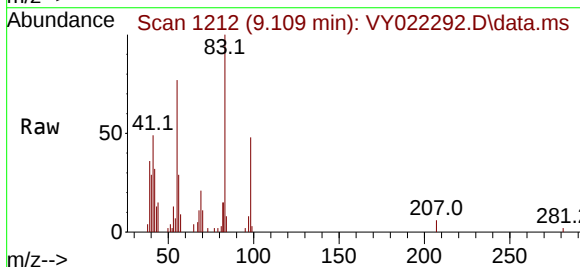
Tgt Ion: 83 Resp: 6416

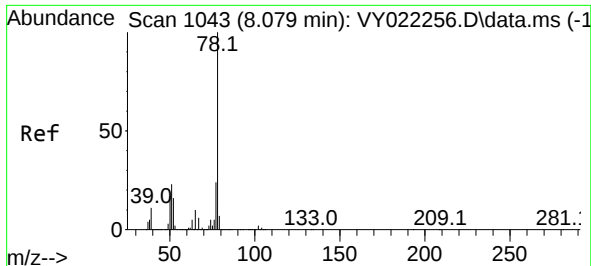
Ion Ratio Lower Upper

83 100

55 74.5 60.6 90.8

98 47.7 40.0 60.0

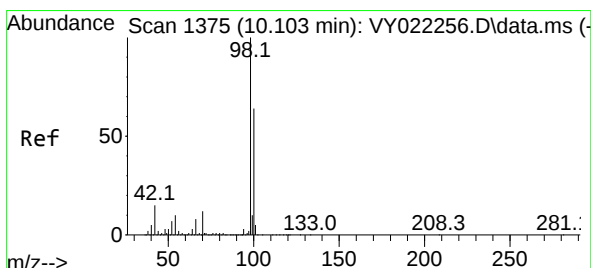
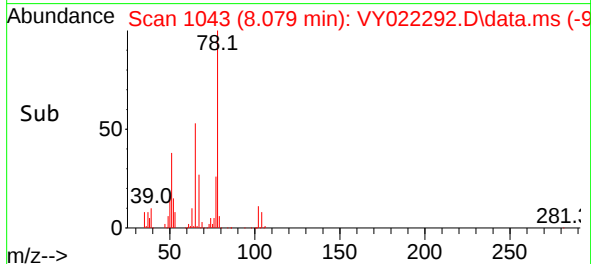
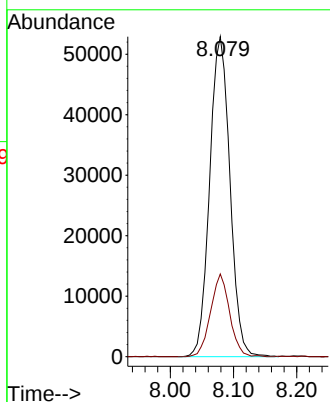
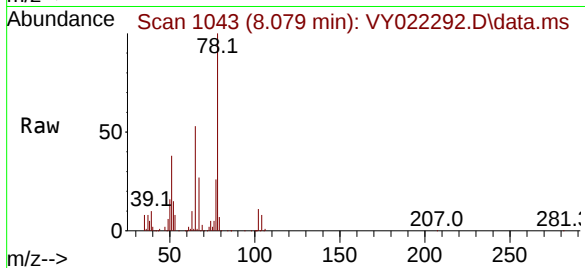




#40
Benzene
Concen: 8.337 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022292.D
Acq: 16 May 2025 15:38

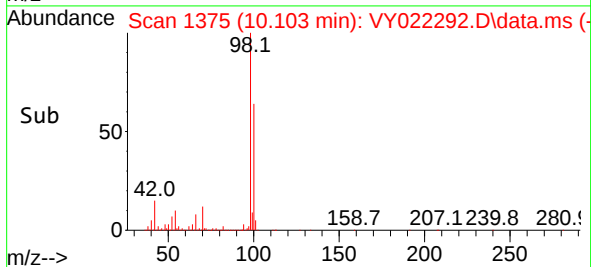
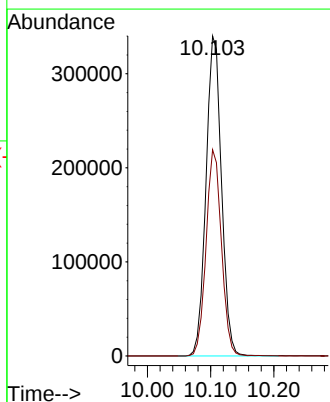
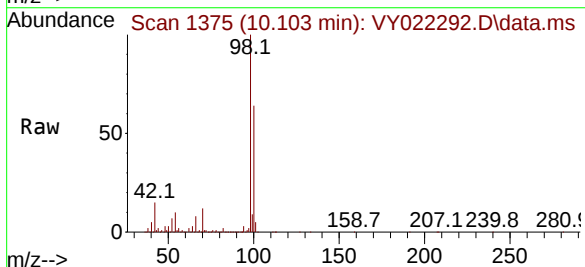
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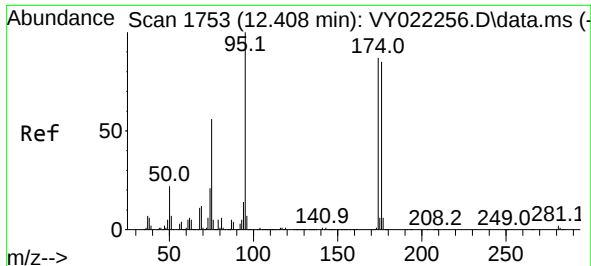
Tgt Ion: 78 Resp: 117629
Ion Ratio Lower Upper
78 100
77 25.9 18.9 28.3



#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022292.D
Acq: 16 May 2025 15:38

Tgt Ion: 98 Resp: 579549
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8

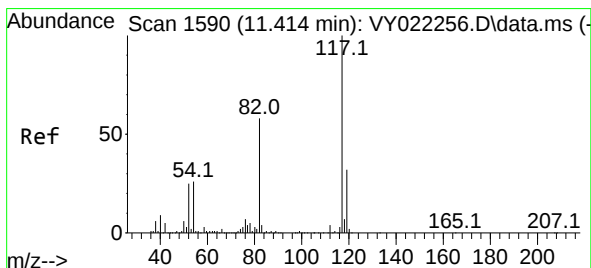
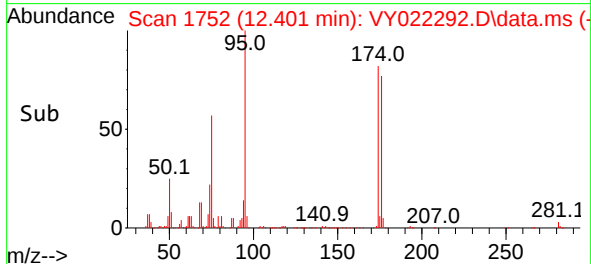
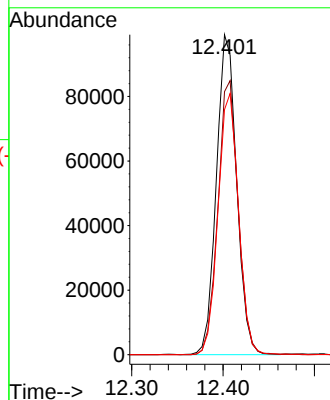
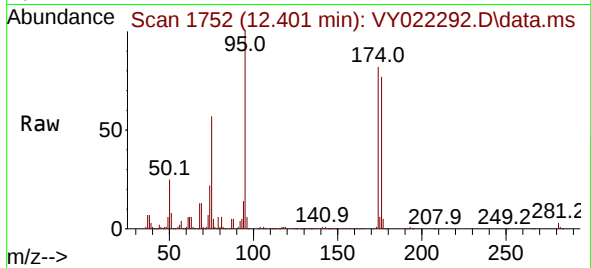




#62
4-Bromofluorobenzene
Concen: 40.760 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022292.D
Acq: 16 May 2025 15:38

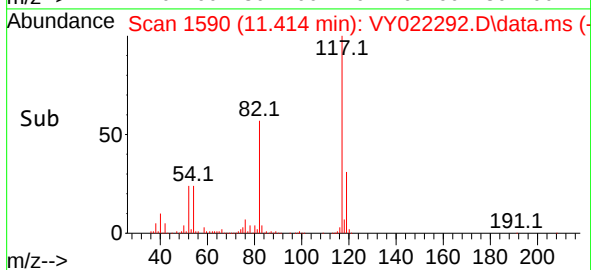
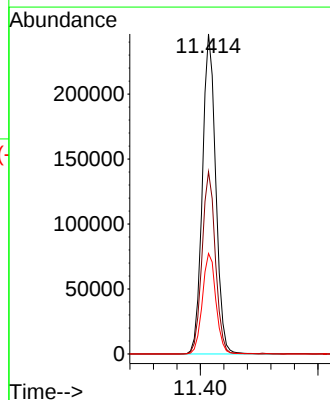
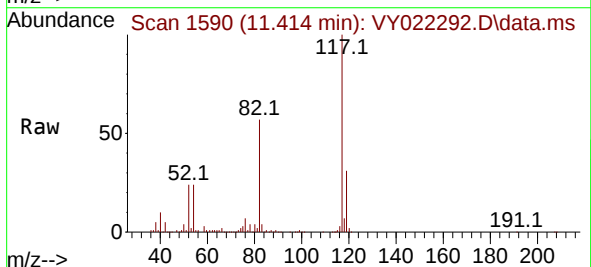
Instrument :
MSVOA_Y
ClientSampleId :
TP-17

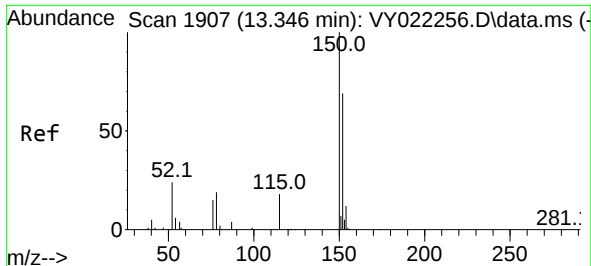
Tgt Ion: 95 Resp: 152887
Ion Ratio Lower Upper
95 100
174 85.5 0.0 166.8
176 82.9 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022292.D
Acq: 16 May 2025 15:38

Tgt Ion: 117 Resp: 388336
Ion Ratio Lower Upper
117 100
82 56.9 46.6 70.0
119 31.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022292.D
 Acq: 16 May 2025 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-17

Tgt Ion:152 Resp: 145207
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.4 88.2
 150 156.6 0.0 353.8

