

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021676.D
 Acq On : 27 Mar 2025 18:55
 Operator : SY/MD
 Sample : Q1648-07
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Mar 28 04:04:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

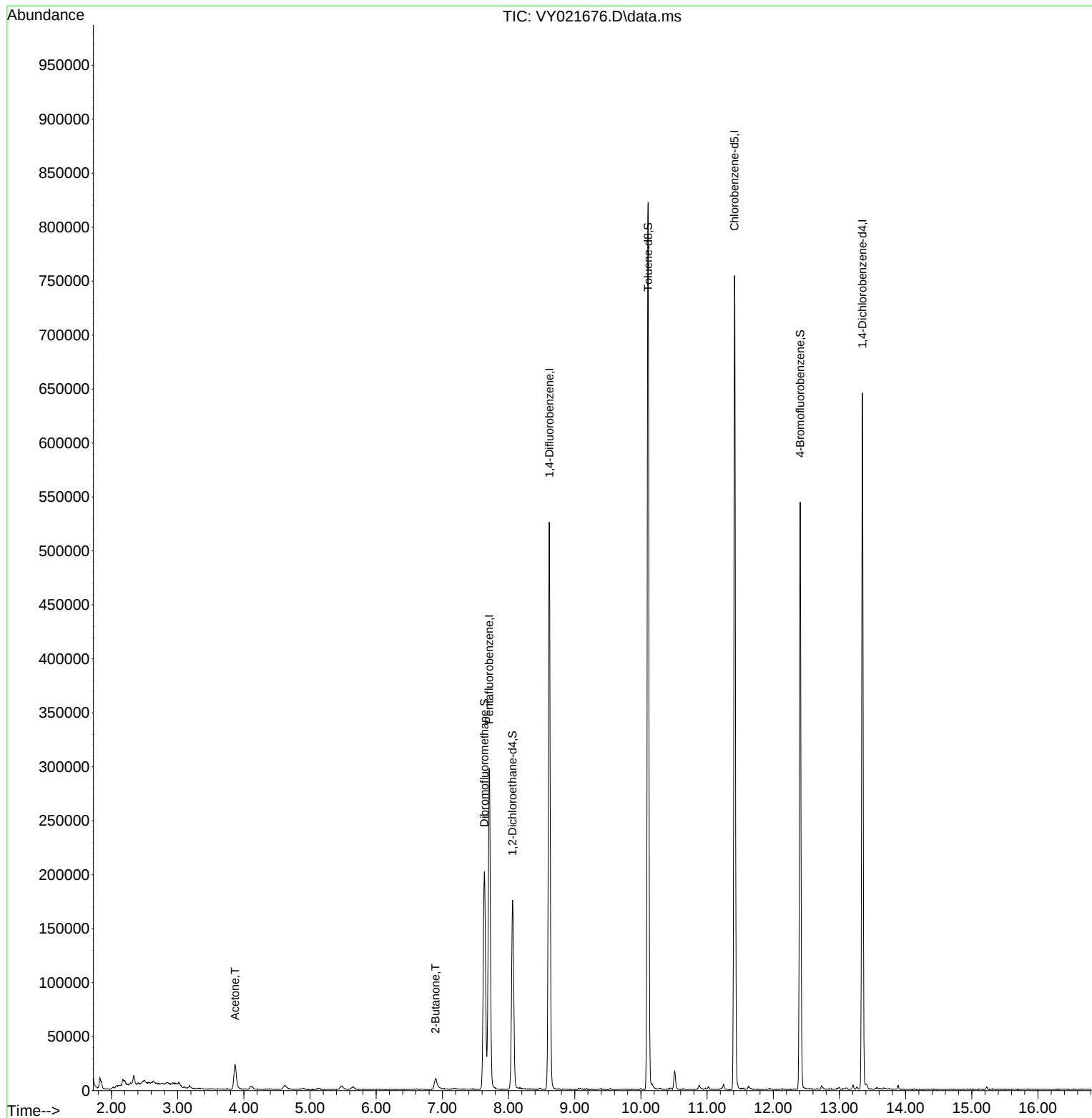
Internal Standards						
1) Pentafluorobenzene	7.707	168	222304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	425280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	154330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139391	57.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.740%	
35) Dibromofluoromethane	7.634	113	145147	52.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.109	98	521117	49.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.408	95	160275	45.149	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.300%	
Target Compounds						Qvalue
16) Acetone	3.867	43	39801	80.741	ug/l	99
25) 2-Butanone	6.896	43	14094	20.018	ug/l	94

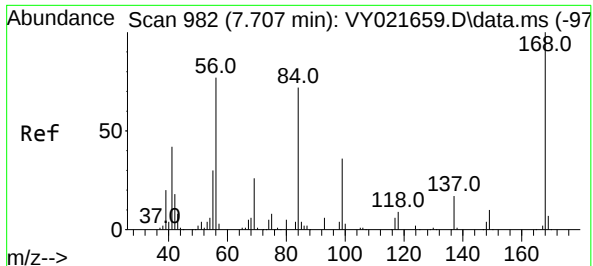
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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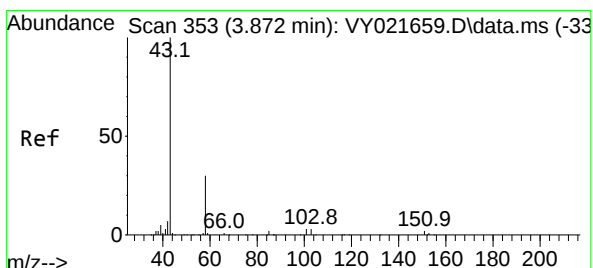
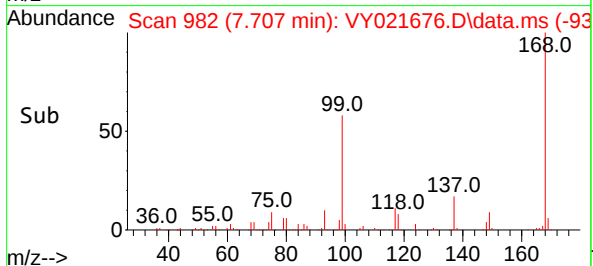
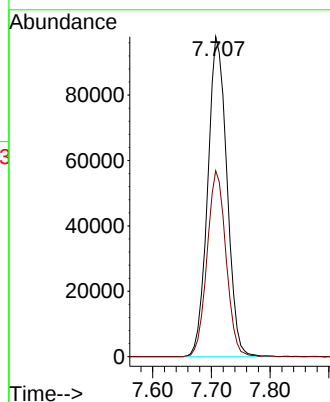
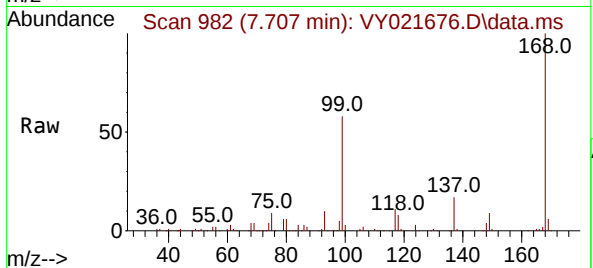




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

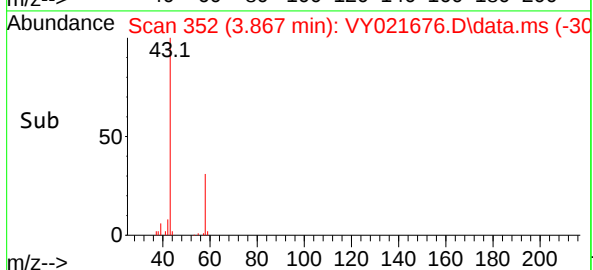
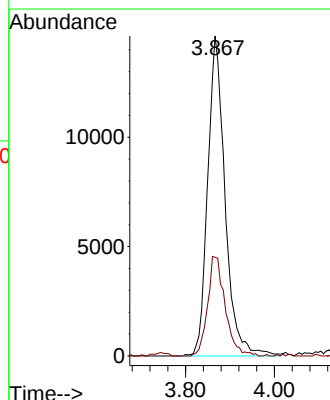
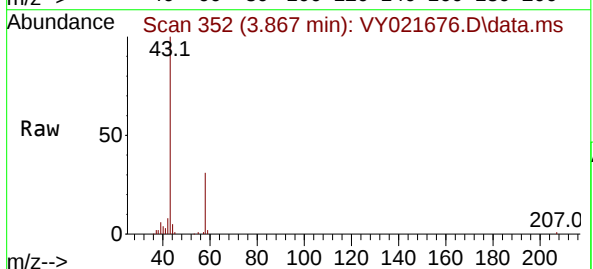
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

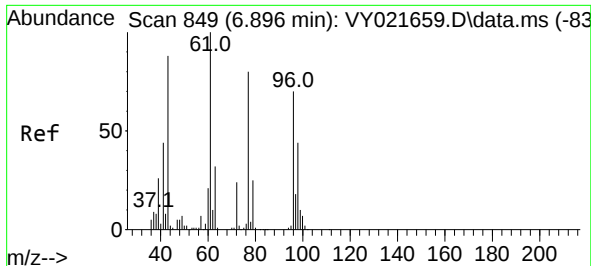
Tgt Ion:168 Resp: 222304
Ion Ratio Lower Upper
168 100
99 58.1 46.7 70.1



#16
Acetone
Concen: 80.741 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion: 43 Resp: 39801
Ion Ratio Lower Upper
43 100
58 30.8 24.2 36.4

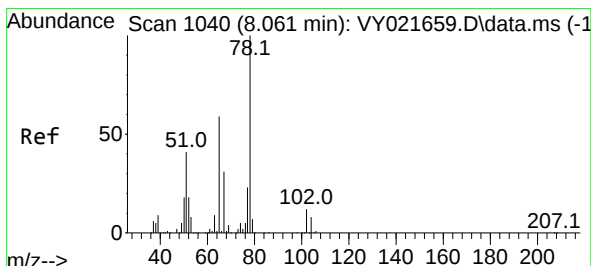
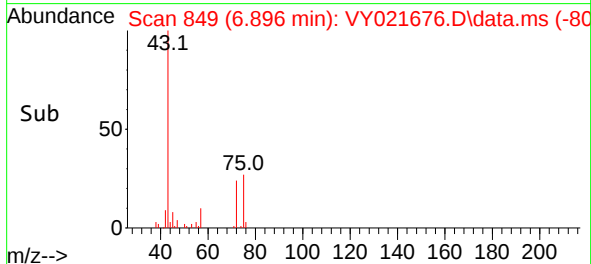
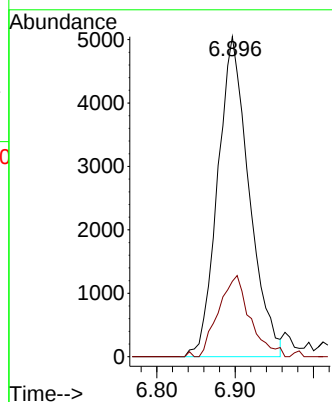
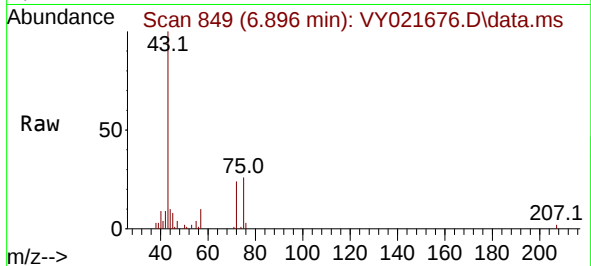




#25
2-Butanone
Concen: 20.018 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

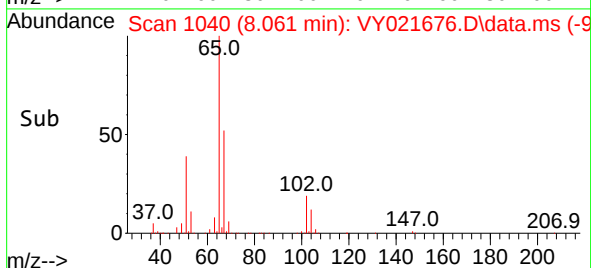
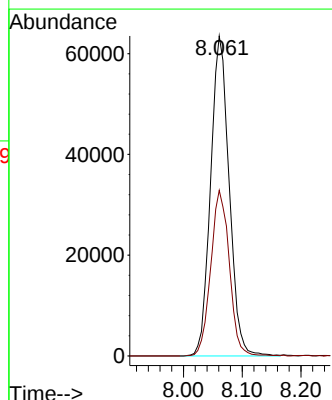
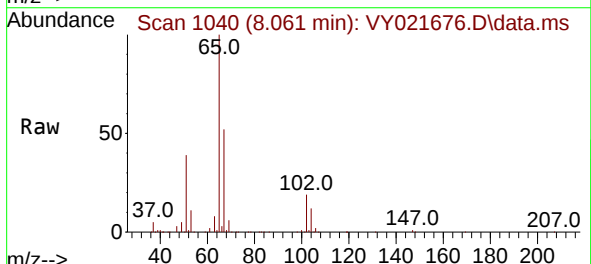
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

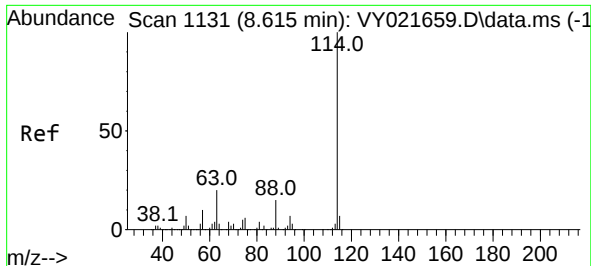
Tgt Ion: 43 Resp: 14094
Ion Ratio Lower Upper
43 100
72 23.6 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 57.872 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion: 65 Resp: 139391
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

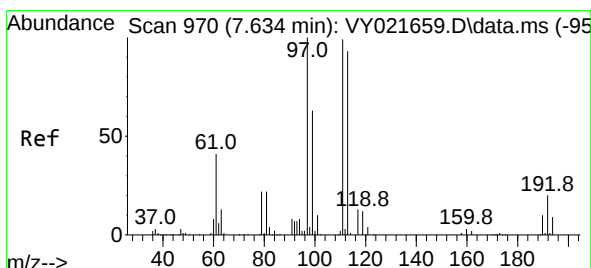
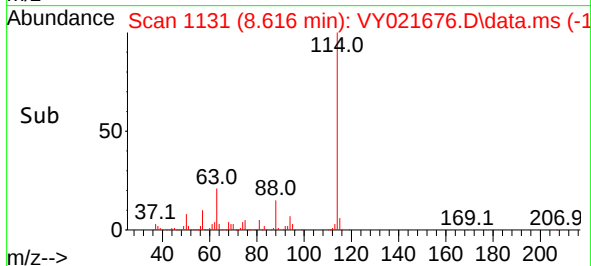
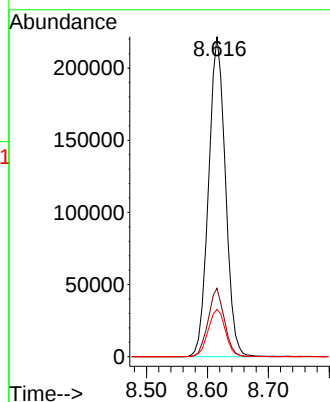
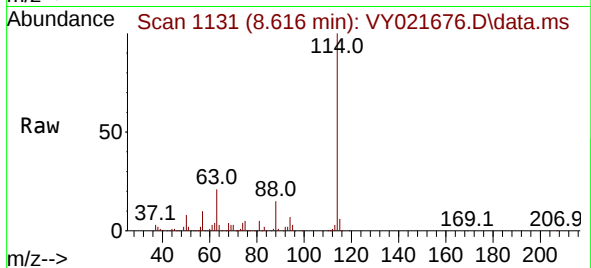
Tgt Ion:114 Resp: 425280

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.2

88 14.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 52.614 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021676.D

Acq: 27 Mar 2025 18:55

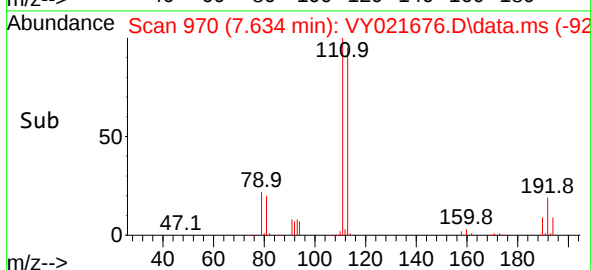
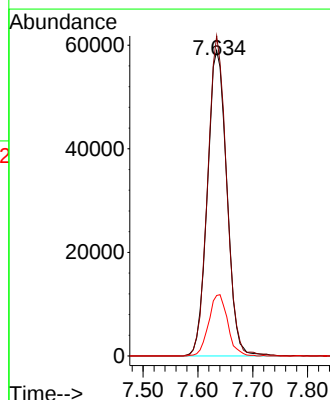
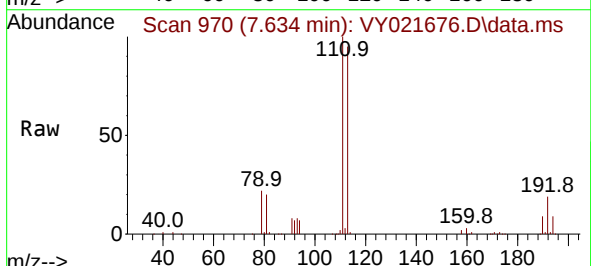
Tgt Ion:113 Resp: 145147

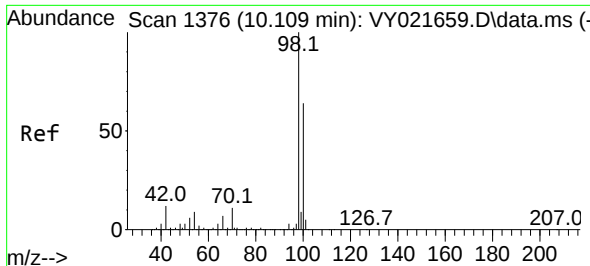
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 19.6 16.2 24.4

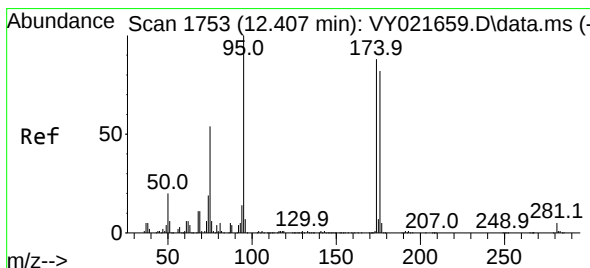
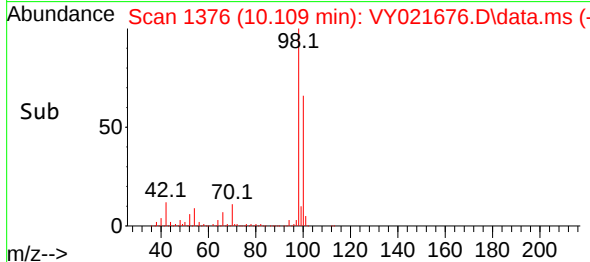
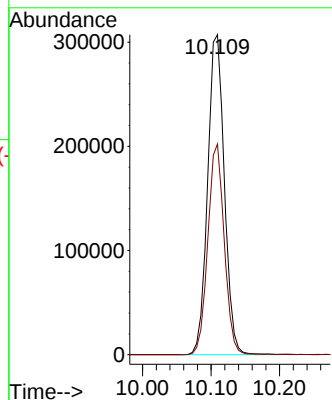
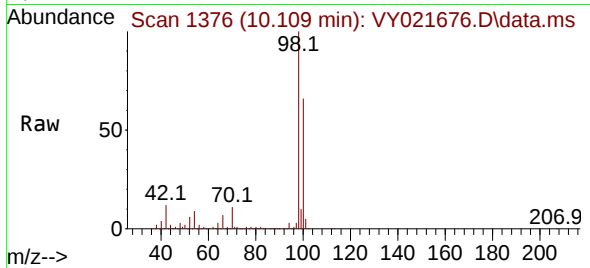




#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

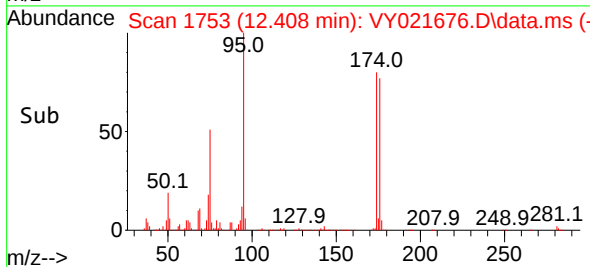
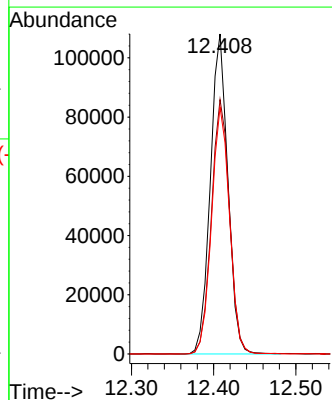
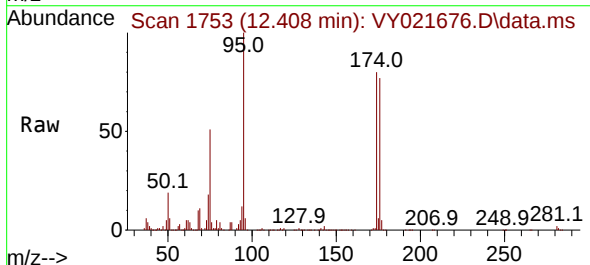
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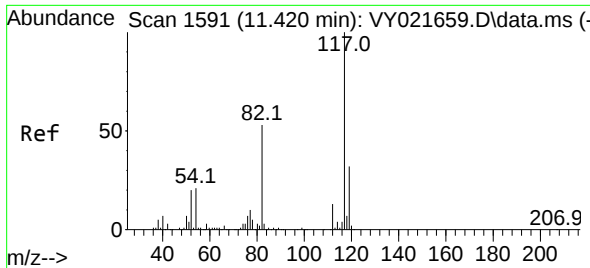
Tgt Ion: 98 Resp: 521117
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.149 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion: 95 Resp: 160275
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.8
176 79.0 0.0 162.0

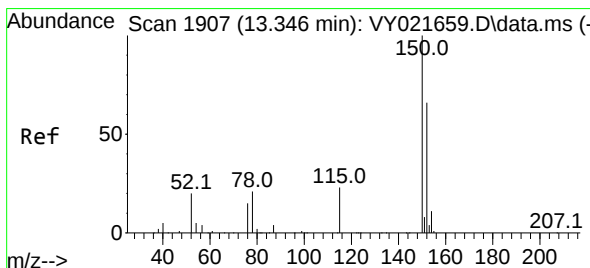
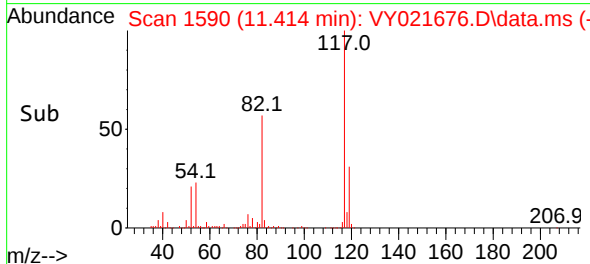
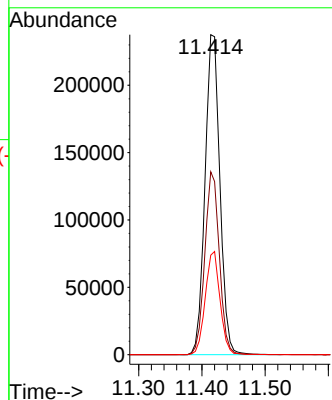
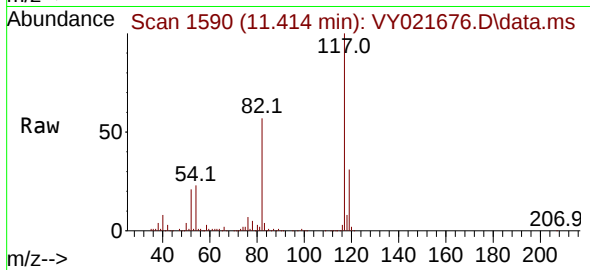




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:117 Resp: 389784
Ion Ratio Lower Upper
117 100
82 57.1 42.8 64.2
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021676.D
Acq: 27 Mar 2025 18:55

Tgt Ion:152 Resp: 154330
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 155.4 0.0 348.4

