

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021834.D
 Acq On : 10 Apr 2025 13:40
 Operator : SY/MD
 Sample : Q1746-03
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-149-SB02

Quant Time: Apr 11 01:50:38 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)

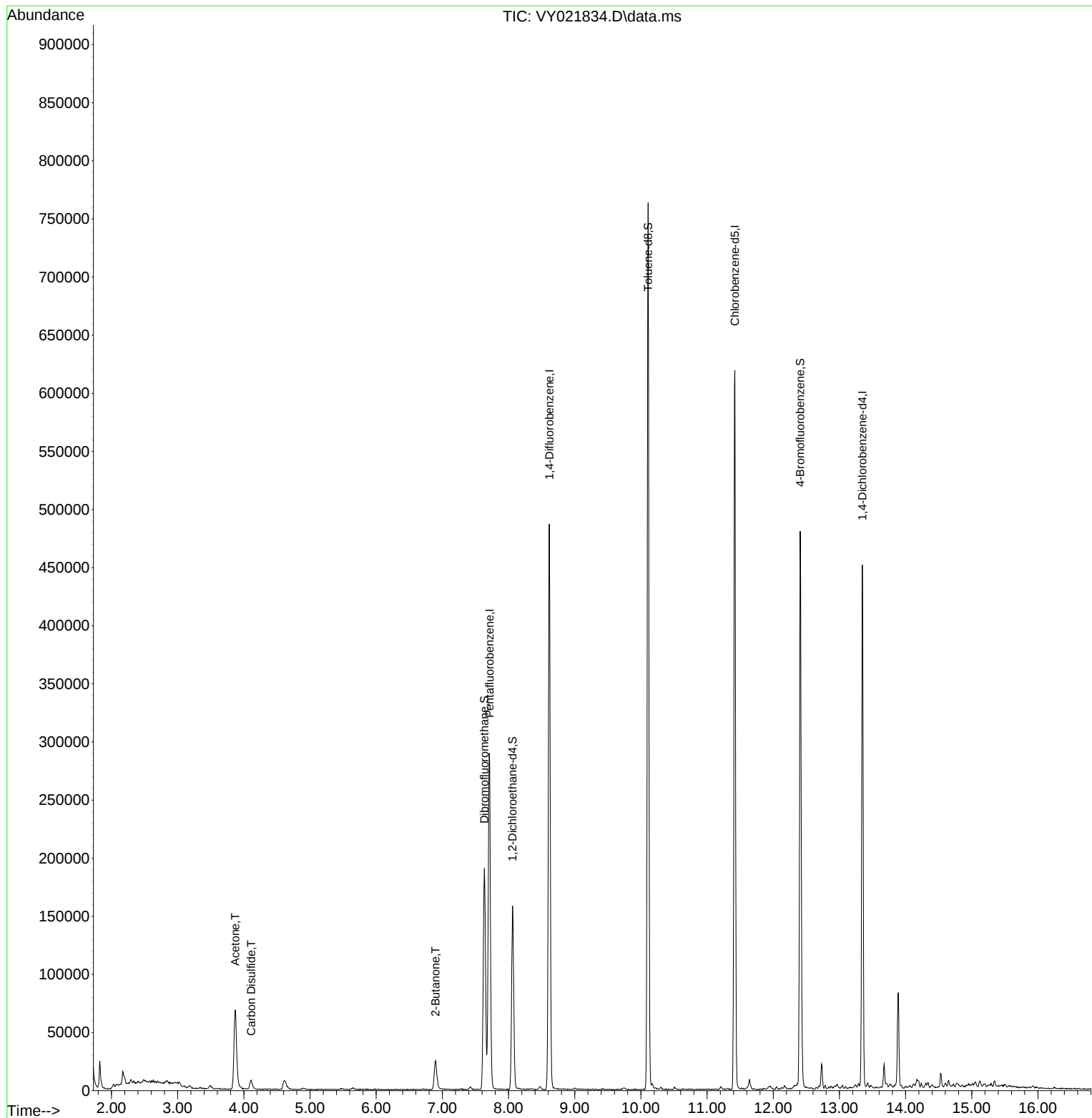
Internal Standards						
1) Pentafluorobenzene	7.713	168	219270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	400432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	325268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123370	51.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.860%	
35) Dibromofluoromethane	7.634	113	134042	51.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.200%	
50) Toluene-d8	10.109	98	482801	48.858	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.720%	
62) 4-Bromofluorobenzene	12.408	95	125419	37.523	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.040%	
Target Compounds						Qvalue
16) Acetone	3.873	43	123652	254.314	ug/l	98
17) Carbon Disulfide	4.110	76	14450	1.908	ug/l	95
25) 2-Butanone	6.896	43	42592	61.330	ug/l	92

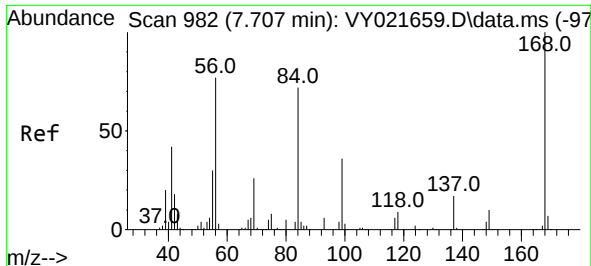
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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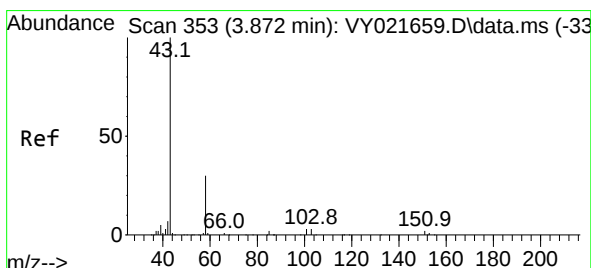
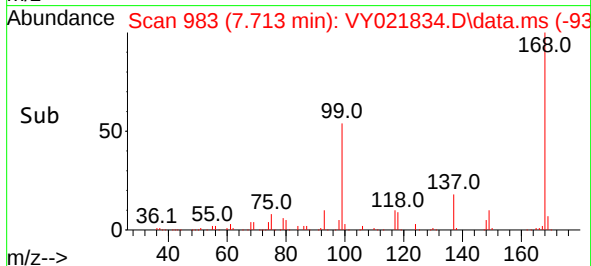
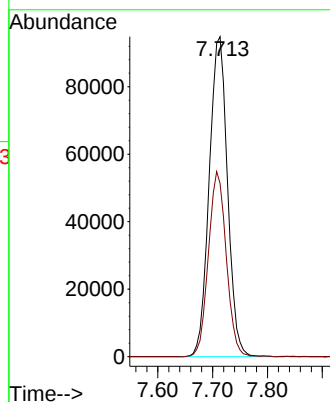
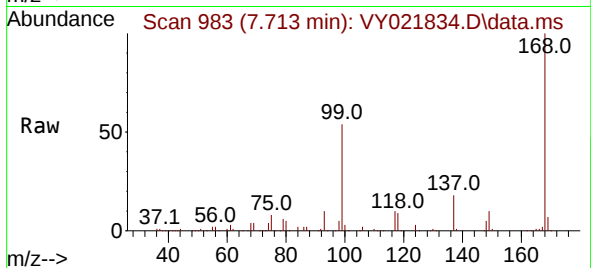




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

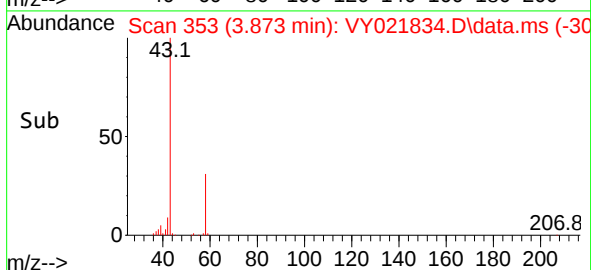
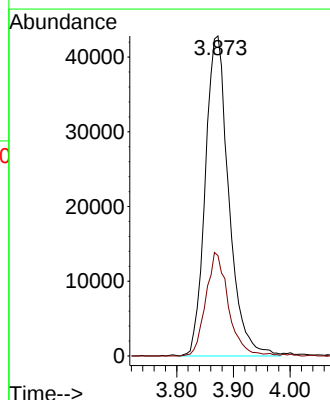
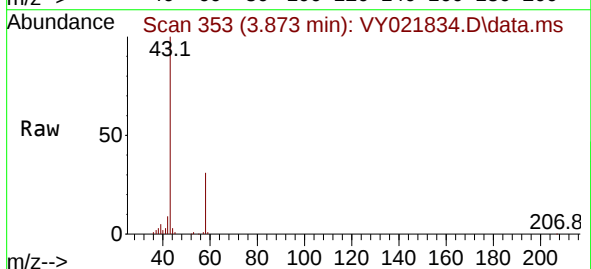
Instrument :
MSVOA_Y
ClientSampleId :
B-149-SB02

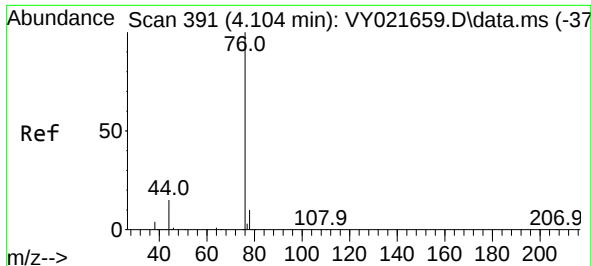
Tgt Ion:168 Resp: 219270
Ion Ratio Lower Upper
168 100
99 54.2 46.7 70.1



#16
Acetone
Concen: 254.314 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

Tgt Ion: 43 Resp: 123652
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4

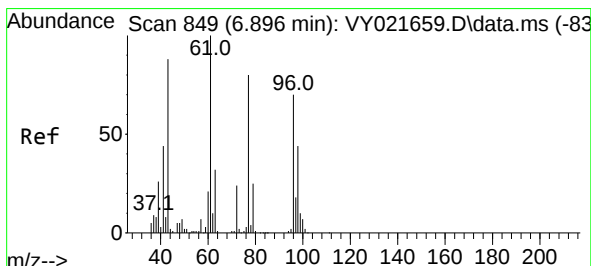
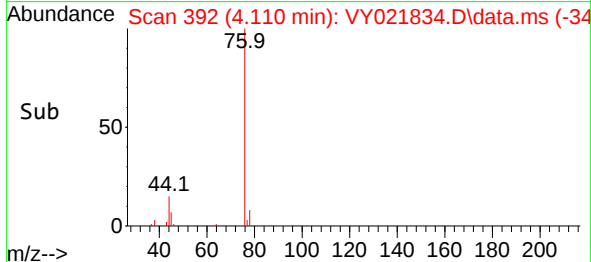
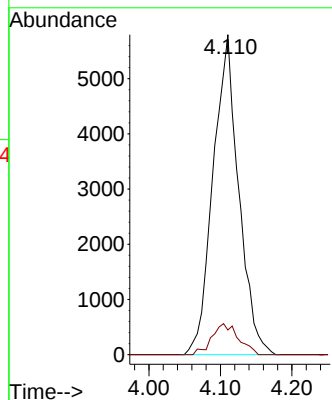
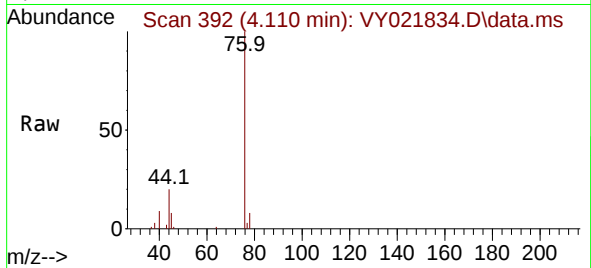




#17
Carbon Disulfide
Concen: 1.908 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

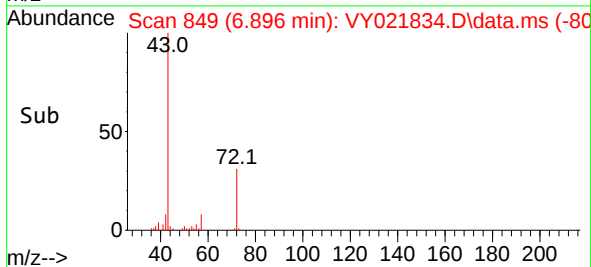
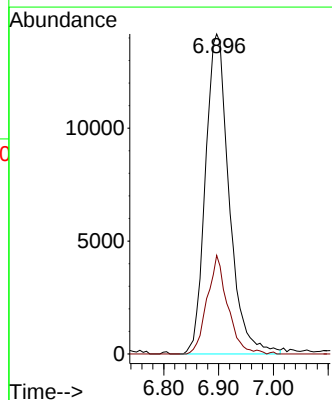
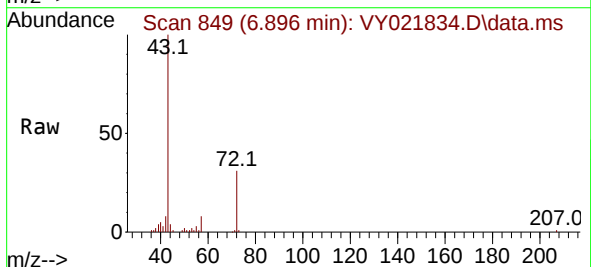
Instrument :
MSVOA_Y
ClientSampleId :
B-149-SB02

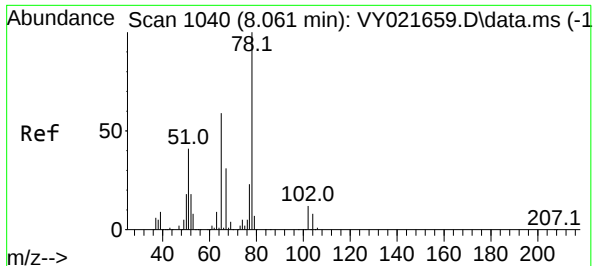
Tgt Ion: 76 Resp: 14450
Ion Ratio Lower Upper
76 100
78 7.7 7.6 11.4



#25
2-Butanone
Concen: 61.330 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

Tgt Ion: 43 Resp: 42592
Ion Ratio Lower Upper
43 100
72 30.8 21.4 32.2





#33

1,2-Dichloroethane-d4

Concen: 51.929 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021834.D

Acq: 10 Apr 2025 13:40

Instrument :

MSVOA_Y

ClientSampleId :

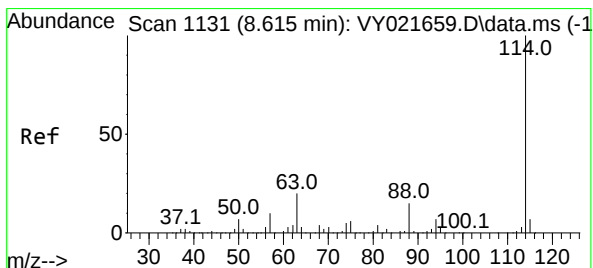
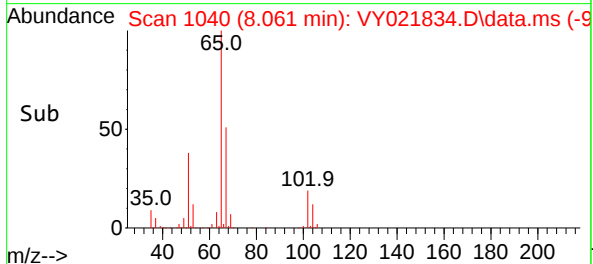
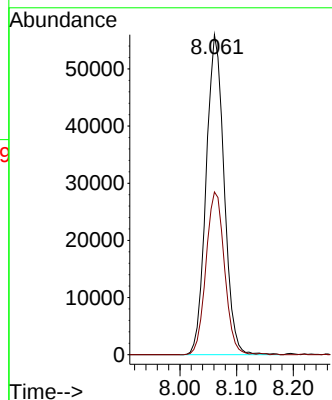
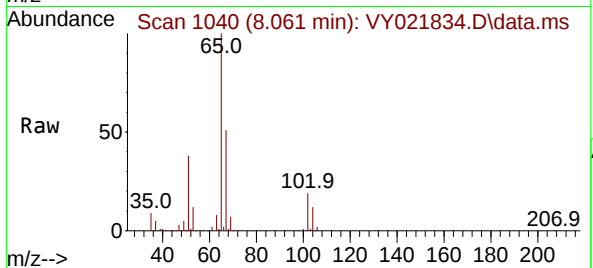
B-149-SB02

Tgt Ion: 65 Resp: 123370

Ion Ratio Lower Upper

65 100

67 52.3 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: VY021834.D

Acq: 10 Apr 2025 13:40

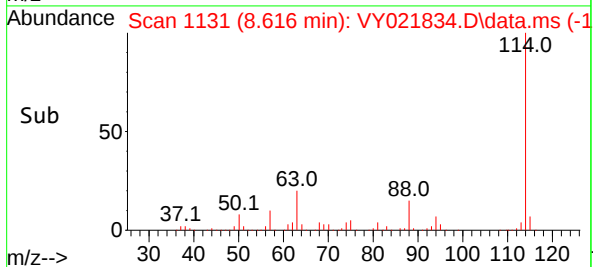
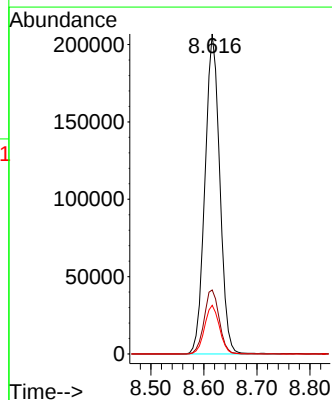
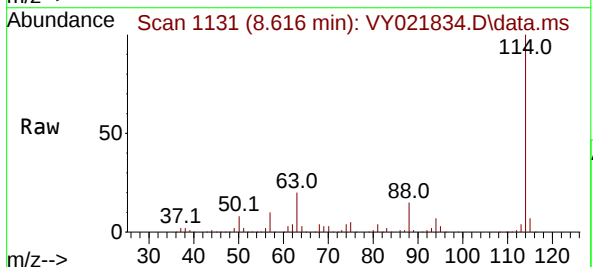
Tgt Ion: 114 Resp: 400432

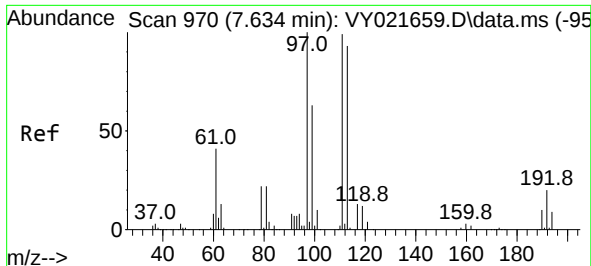
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.2 0.0 29.8

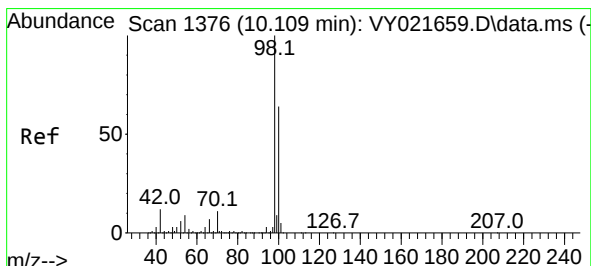
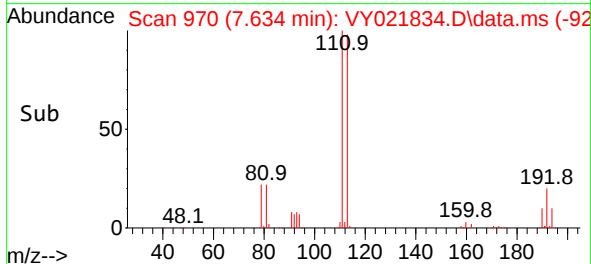
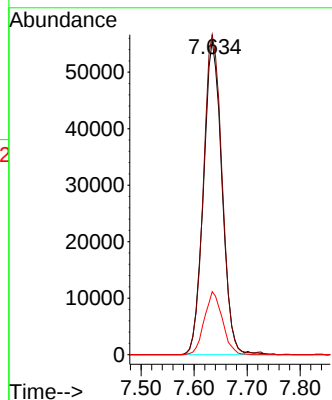
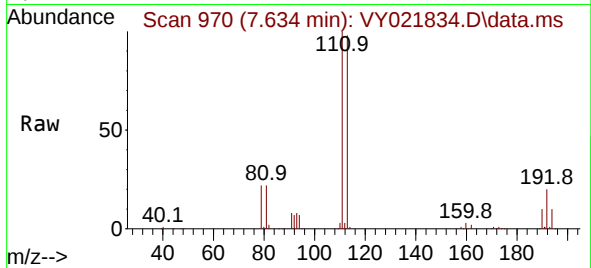




#35
Dibromofluoromethane
Concen: 51.604 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

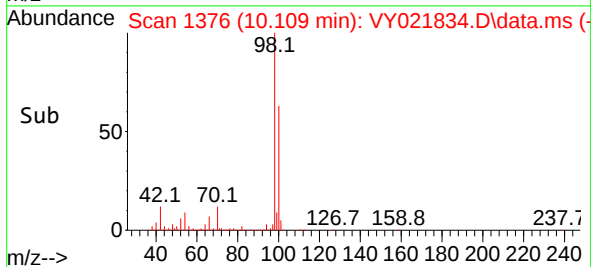
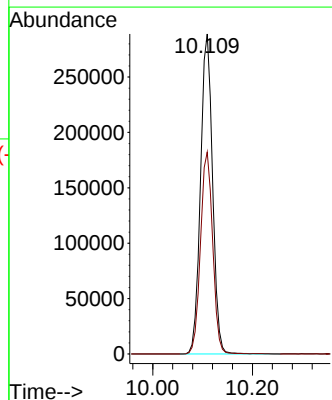
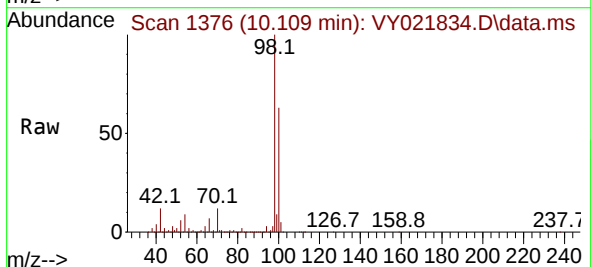
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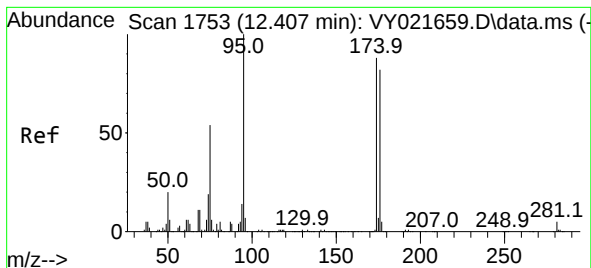
Tgt Ion:113 Resp: 134042
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.7 16.2 24.4



#50
Toluene-d8
Concen: 48.858 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

Tgt Ion: 98 Resp: 482801
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1

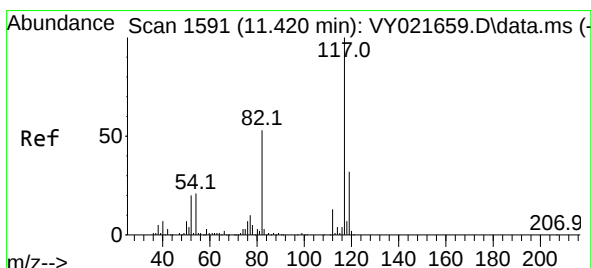
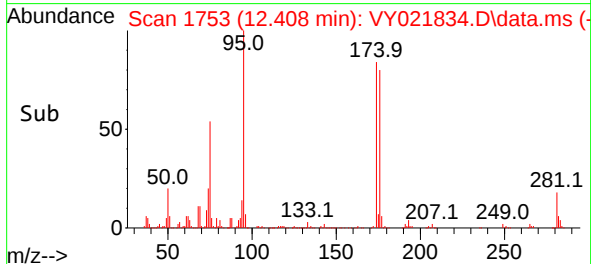
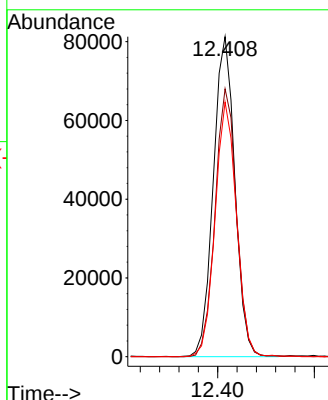
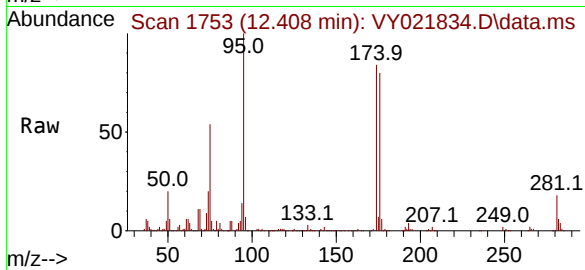




#62
4-Bromofluorobenzene
Concen: 37.523 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

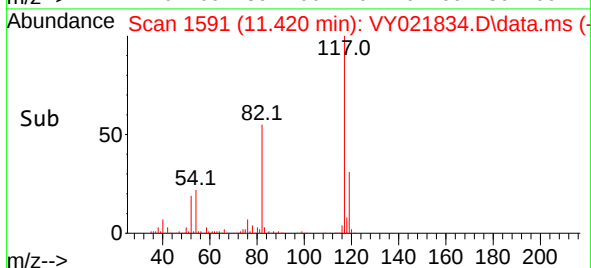
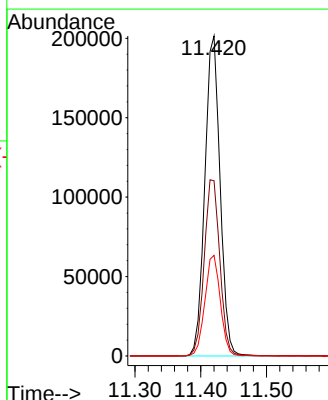
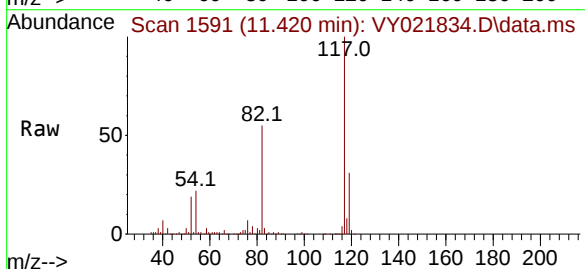
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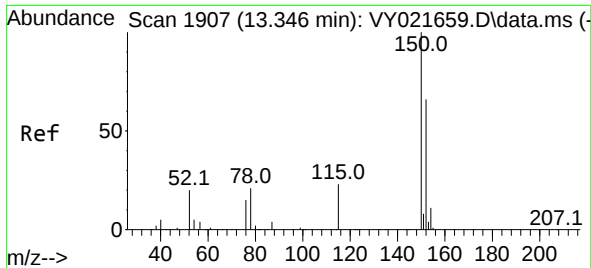
Tgt Ion: 95 Resp: 125419
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 79.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021834.D
Acq: 10 Apr 2025 13:40

Tgt Ion: 117 Resp: 325268
Ion Ratio Lower Upper
117 100
82 54.7 42.8 64.2
119 31.4 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: VY021834.D

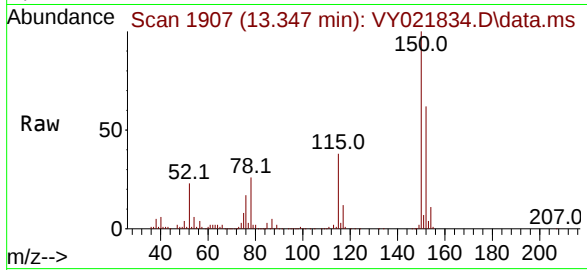
Acq: 10 Apr 2025 13:40

Instrument :

MSVOA_Y

ClientSampleId :

B-149-SB02



Tgt Ion:152 Resp: 109046

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.9 0.0 348.4

