

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021798.D
 Acq On : 07 Apr 2025 15:10
 Operator : SY/MD
 Sample : Q1730-17
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-26-040325

Quant Time: Apr 08 03:33:54 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)

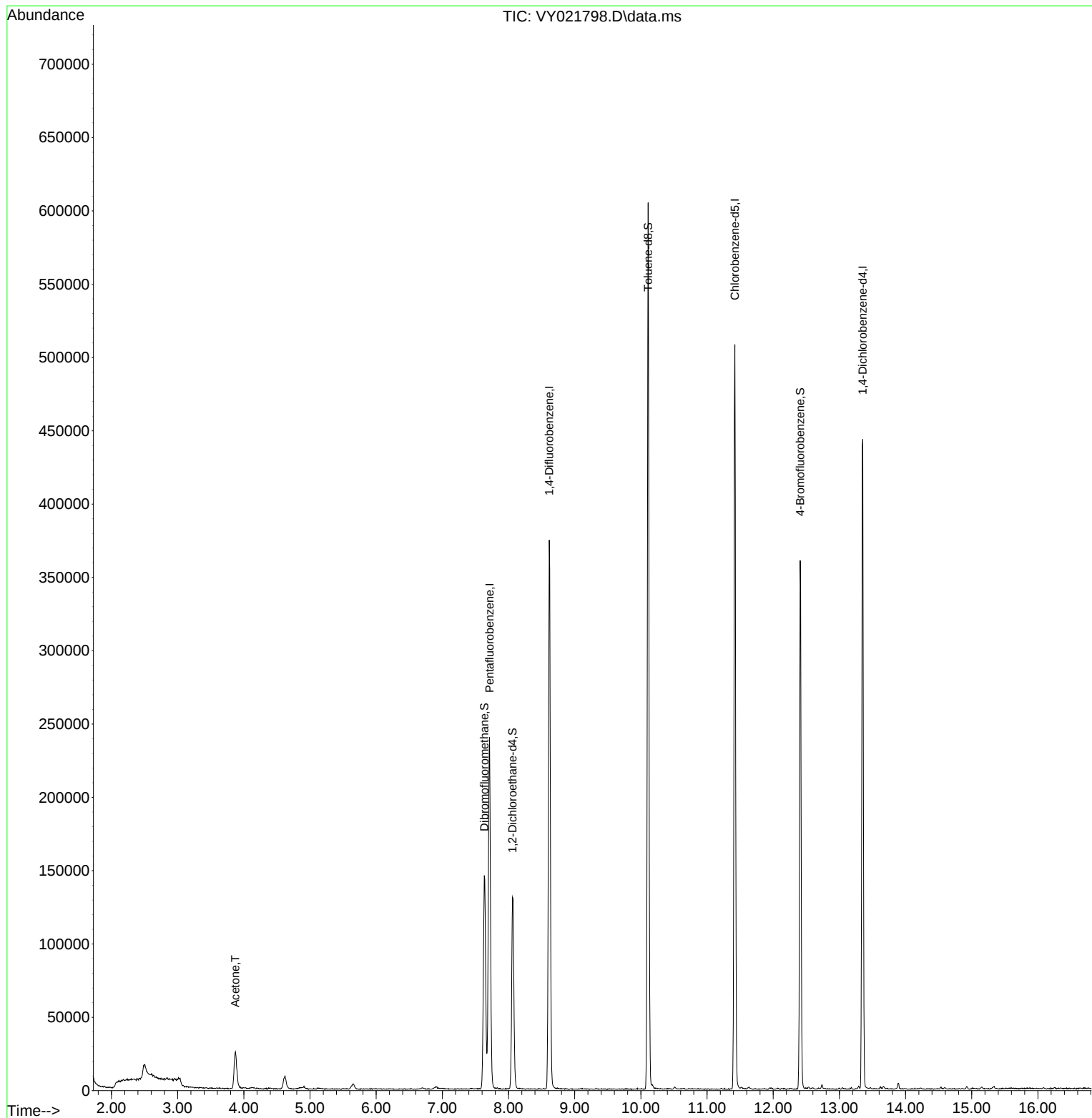
Internal Standards						
1) Pentafluorobenzene	7.713	168	178880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	307549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	258255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	113263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107247	55.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.680%	
35) Dibromofluoromethane	7.634	113	103916	52.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.180%	
50) Toluene-d8	10.109	98	374466	49.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	12.408	95	107009	41.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.360%	
Target Compounds						
16) Acetone	3.872	43	46046	116.086	ug/l	Qvalue 97

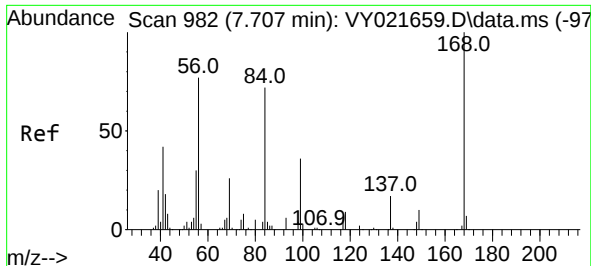
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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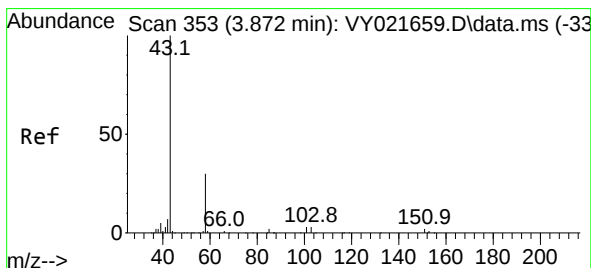
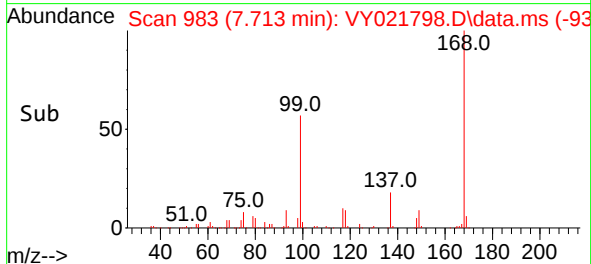
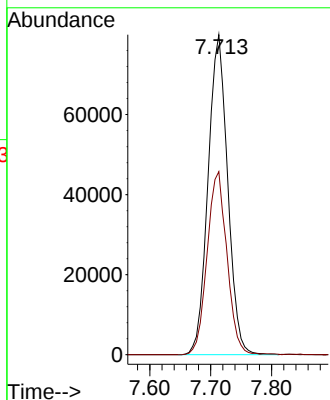
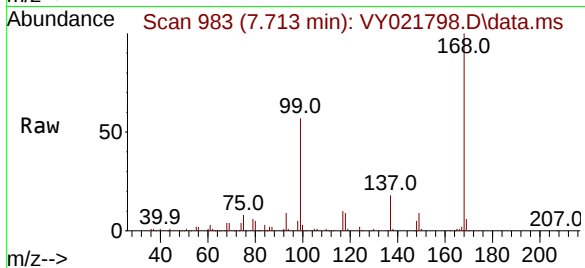




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

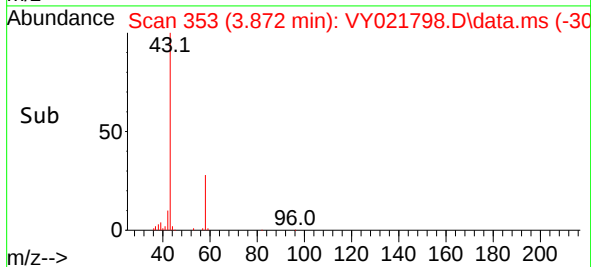
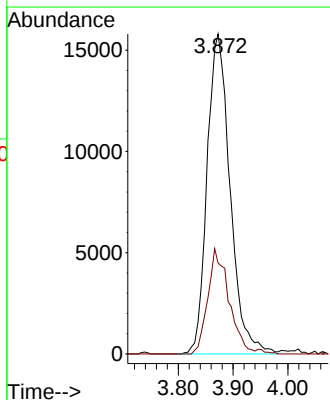
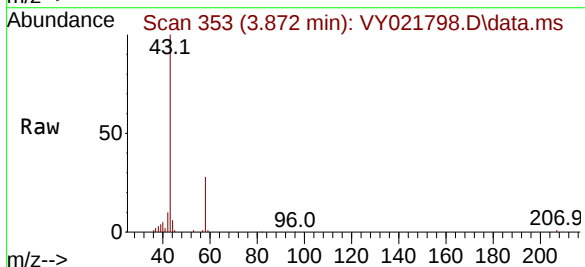
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-26-040325

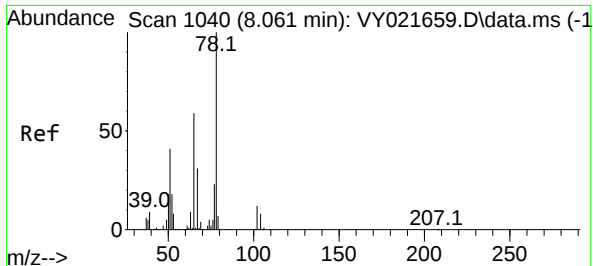
Tgt Ion:168 Resp: 178880
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#16
Acetone
Concen: 116.086 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Tgt Ion: 43 Resp: 46046
Ion Ratio Lower Upper
43 100
58 28.5 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 55.336 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021798.D

Acq: 07 Apr 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

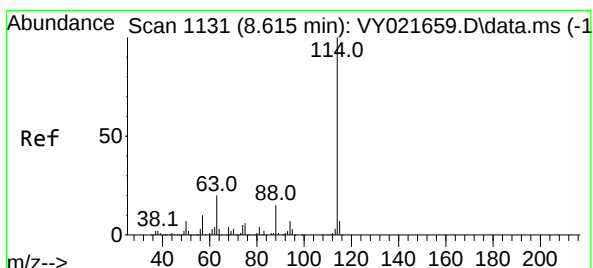
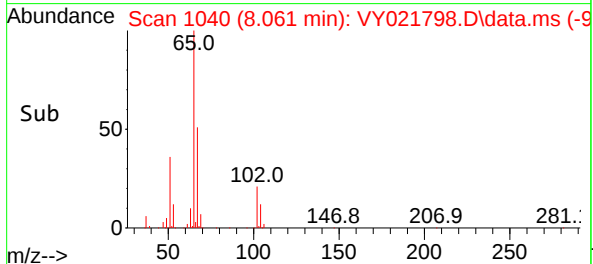
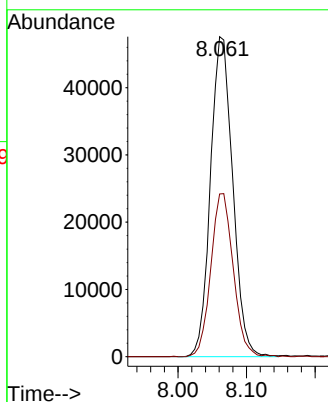
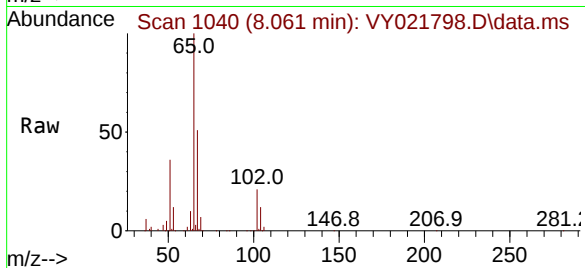
OU4-PCS-TC-26-040325

Tgt Ion: 65 Resp: 107247

Ion Ratio Lower Upper

65 100

67 51.4 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: VY021798.D

Acq: 07 Apr 2025 15:10

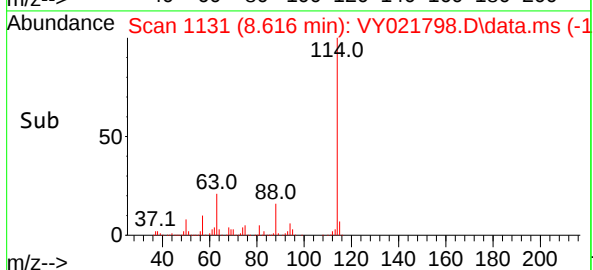
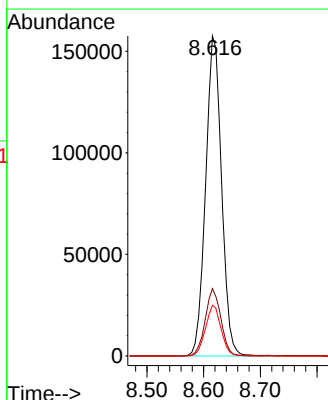
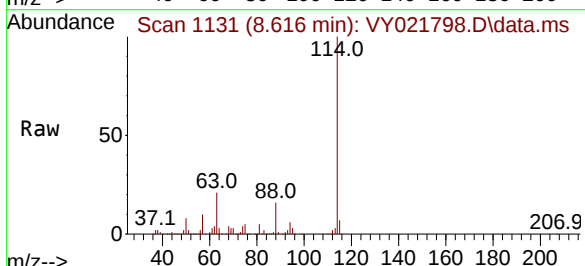
Tgt Ion: 114 Resp: 307549

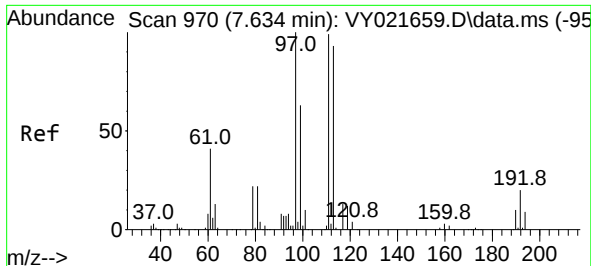
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 15.8 0.0 29.8

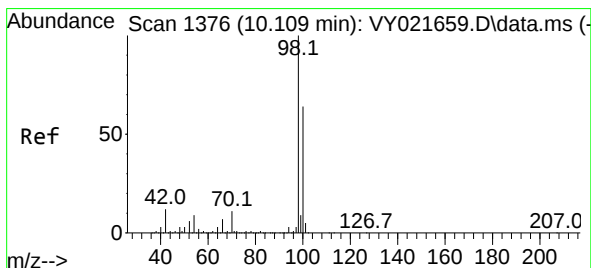
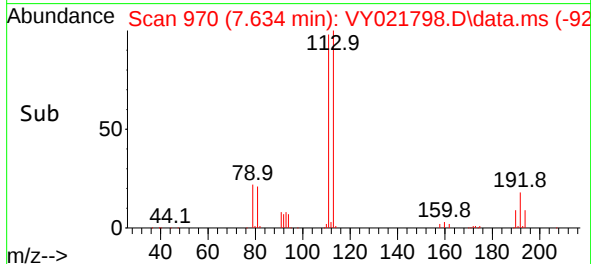
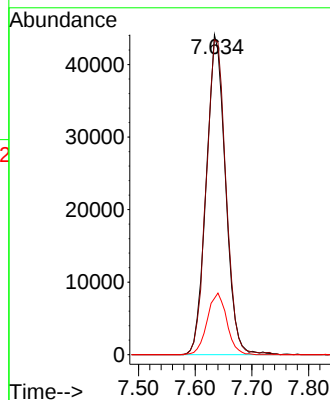
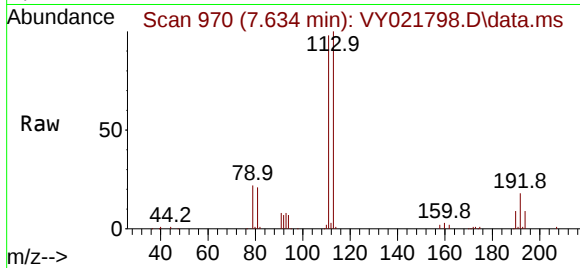




#35
Dibromofluoromethane
Concen: 52.088 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

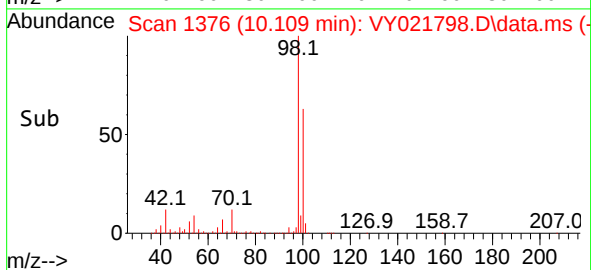
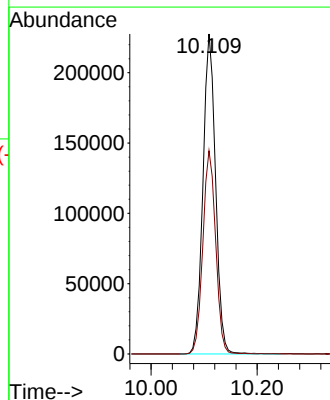
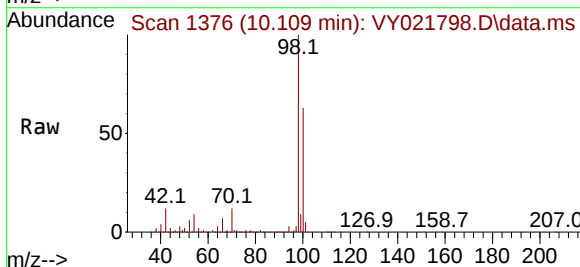
Instrument :
MSVOA_Y
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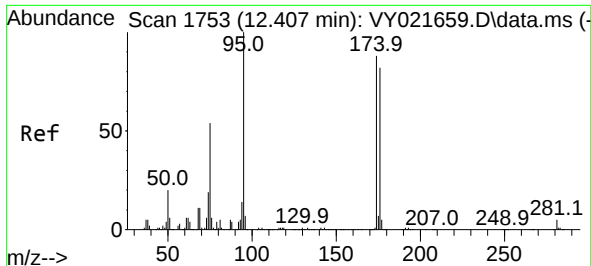
Tgt Ion:113 Resp: 103916
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 19.6 16.2 24.4



#50
Toluene-d8
Concen: 49.339 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Tgt Ion: 98 Resp: 374466
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

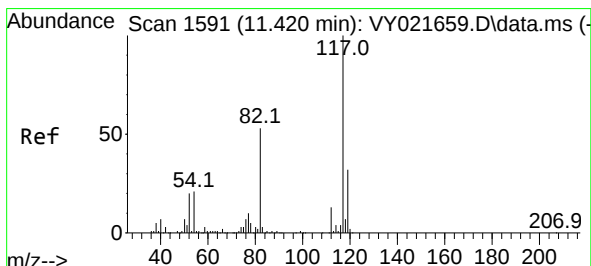
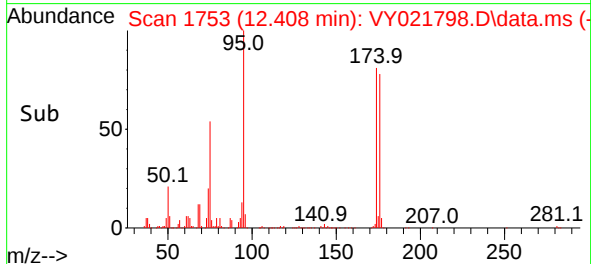
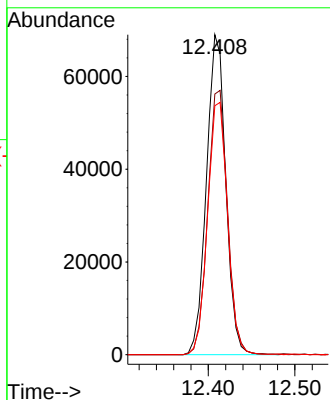
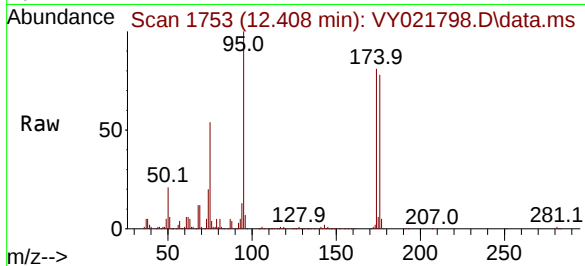




#62
4-Bromofluorobenzene
Concen: 41.684 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

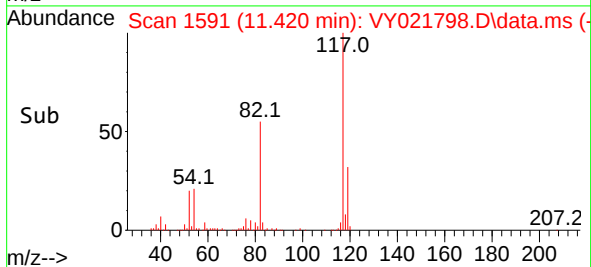
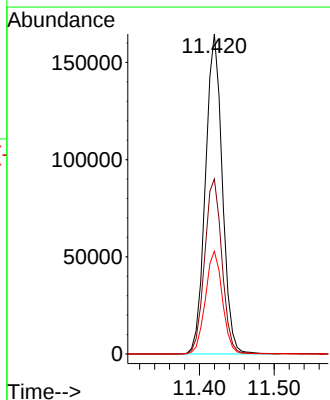
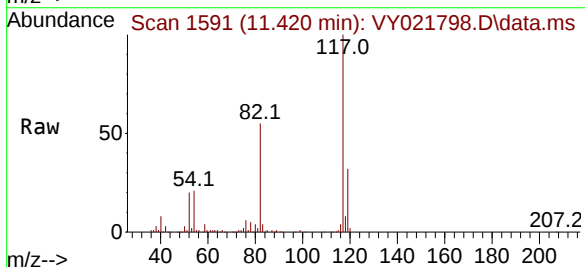
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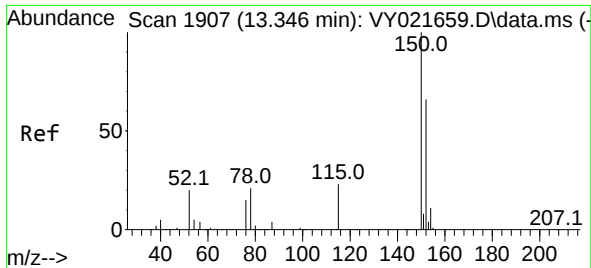
Tgt Ion: 95 Resp: 107009
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 81.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

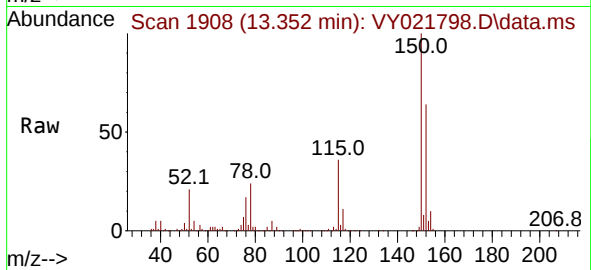
Tgt Ion: 117 Resp: 258255
Ion Ratio Lower Upper
117 100
82 54.7 42.8 64.2
119 32.1 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY021798.D
 Acq: 07 Apr 2025 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-26-040325



Tgt Ion:	152	Resp:	113263
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.8	86.5
150	157.0	0.0	348.4

