

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021799.D
 Acq On : 07 Apr 2025 15:32
 Operator : SY/MD
 Sample : Q1730-19
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-15-040325

Quant Time: Apr 08 03:34:15 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)

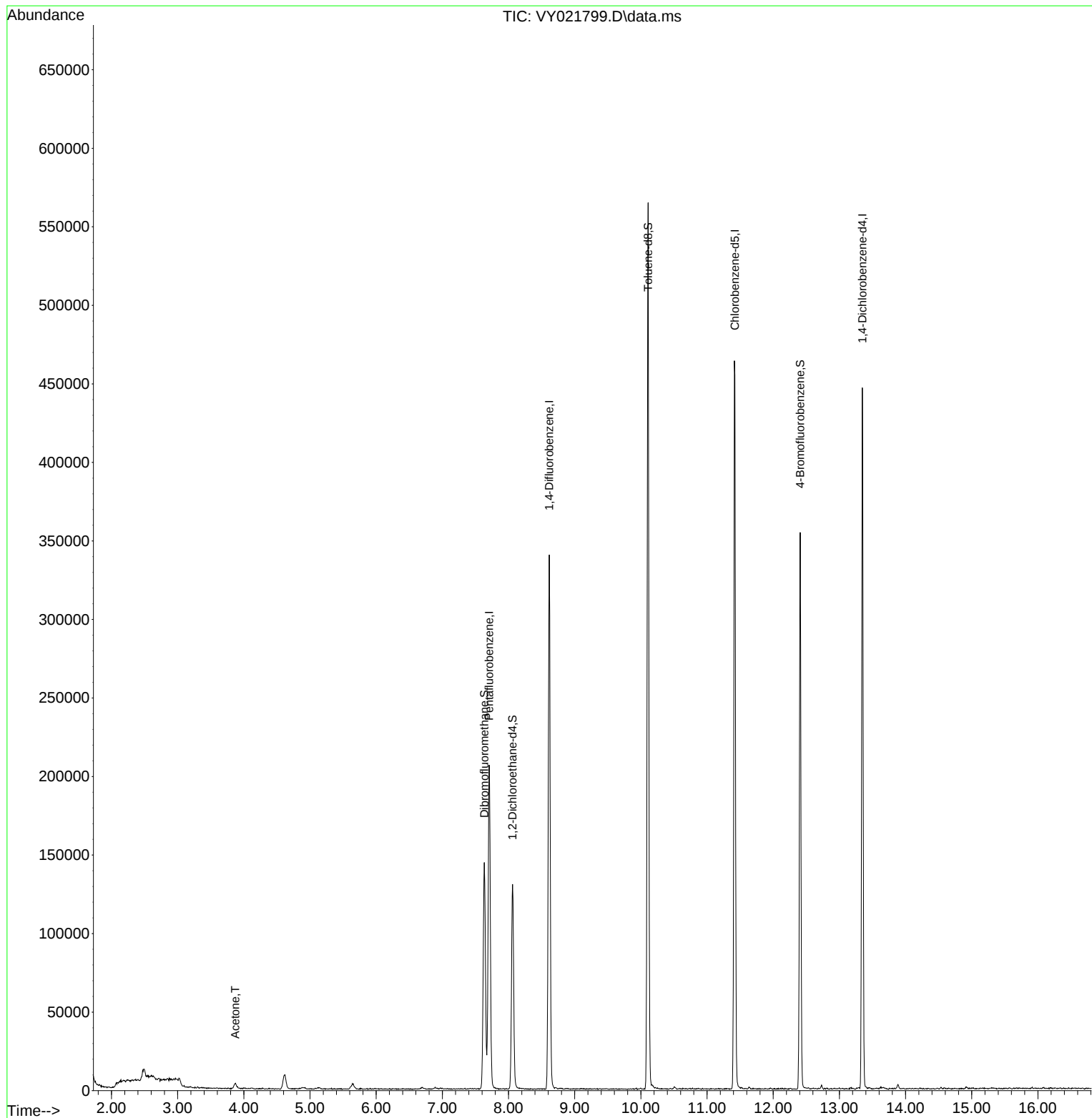
Internal Standards						
1) Pentafluorobenzene	7.707	168	155604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	277750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	243254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	107208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	105846	62.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.560%
35) Dibromofluoromethane	7.634	113	100831	55.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.920%
50) Toluene-d8	10.109	98	355519	51.868	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.408	95	104888	45.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.480%
Target Compounds						
16) Acetone	3.873	43	6057	17.554	ug/l	Qvalue # 85

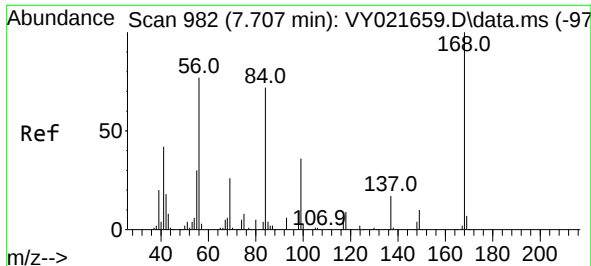
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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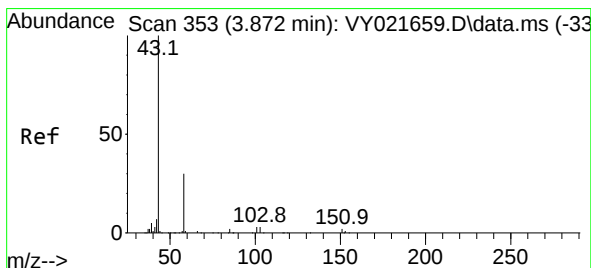
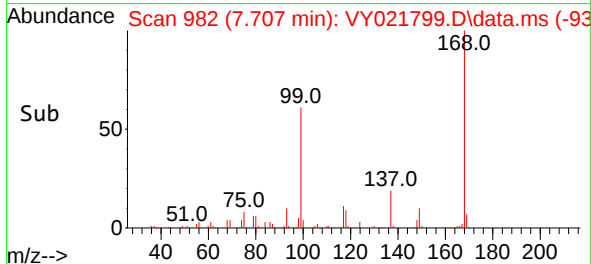
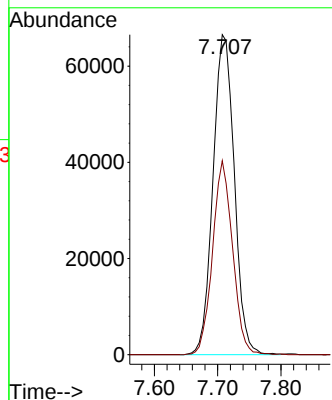
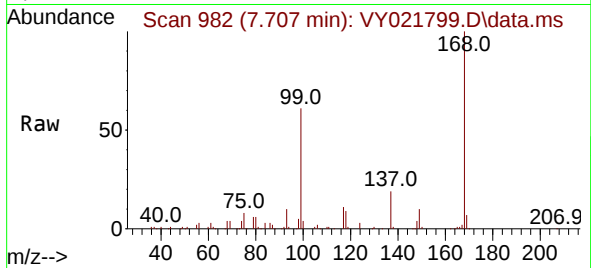




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021799.D
Acq: 07 Apr 2025 15:32

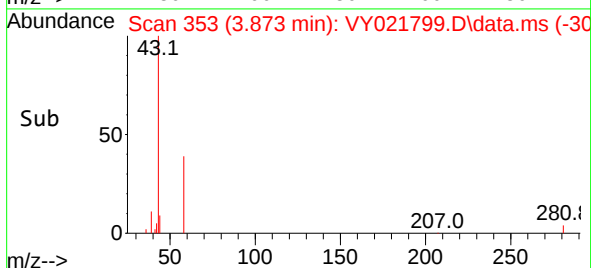
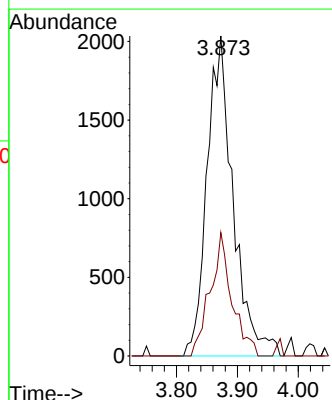
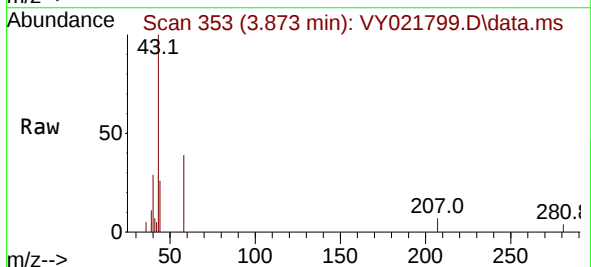
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-040325

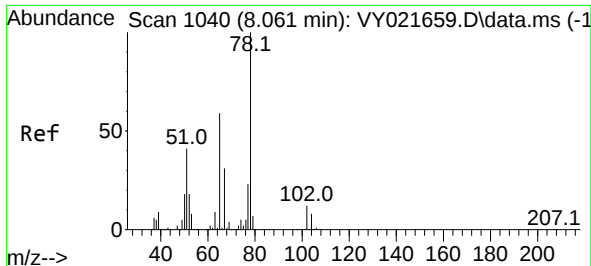
Tgt Ion:168 Resp: 155604
Ion Ratio Lower Upper
168 100
99 60.6 46.7 70.1



#16
Acetone
Concen: 17.554 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021799.D
Acq: 07 Apr 2025 15:32

Tgt Ion: 43 Resp: 6057
Ion Ratio Lower Upper
43 100
58 38.6 24.2 36.4#



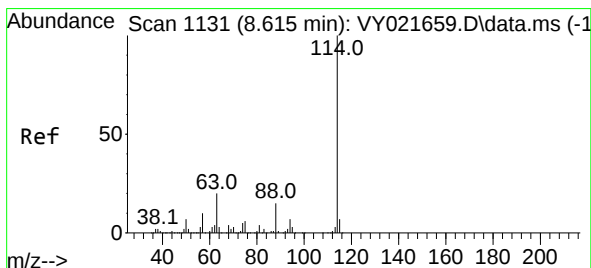
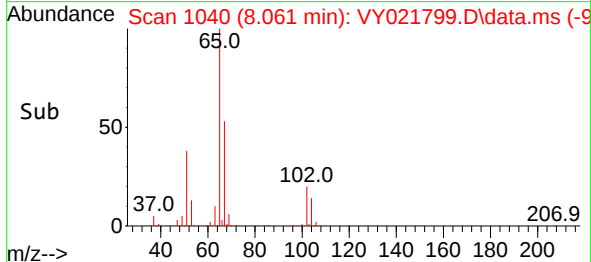
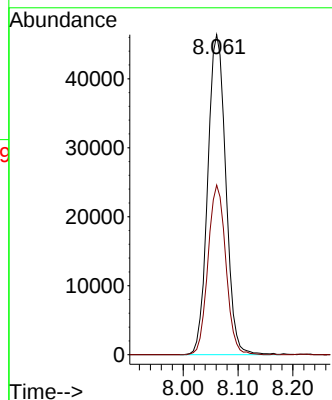
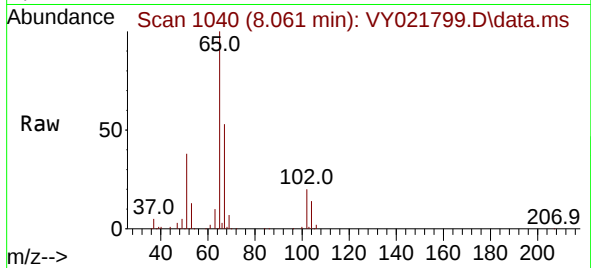


#33
 1,2-Dichloroethane-d4
 Concen: 62.782 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021799.D
 Acq: 07 Apr 2025 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-15-040325

Tgt Ion: 65 Resp: 105846

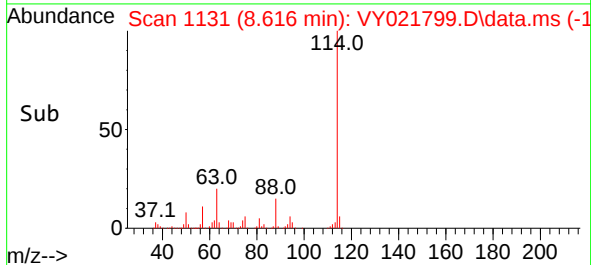
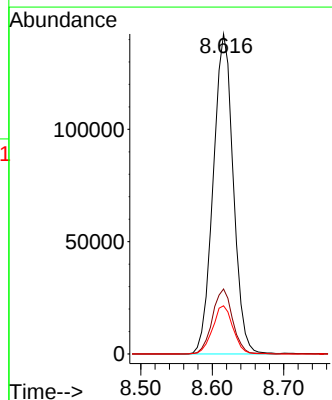
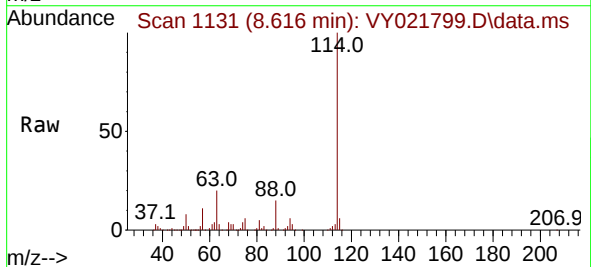
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.6

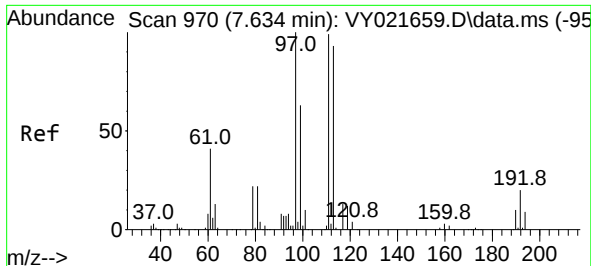


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021799.D
 Acq: 07 Apr 2025 15:32

Tgt Ion: 114 Resp: 277750

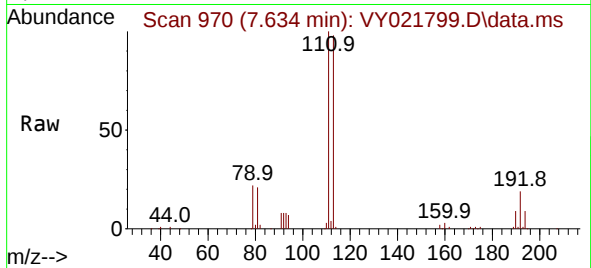
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.2
88	15.0	0.0	29.8



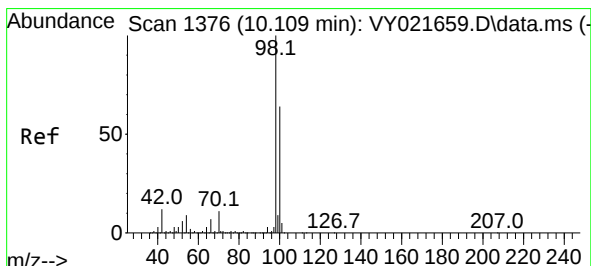
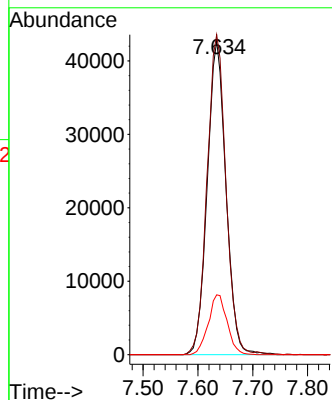
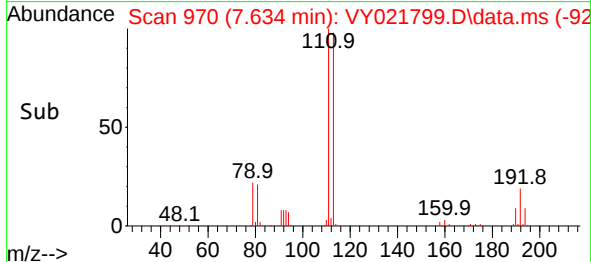


#35
Dibromofluoromethane
Concen: 55.964 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021799.D
Acq: 07 Apr 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-040325

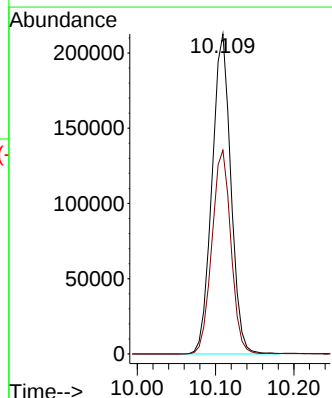
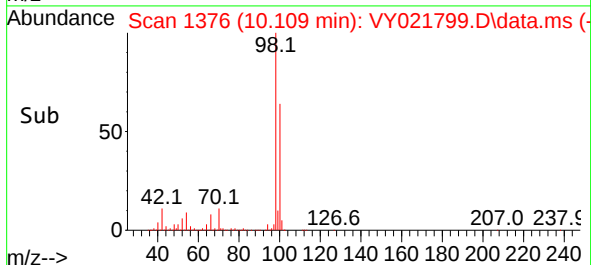
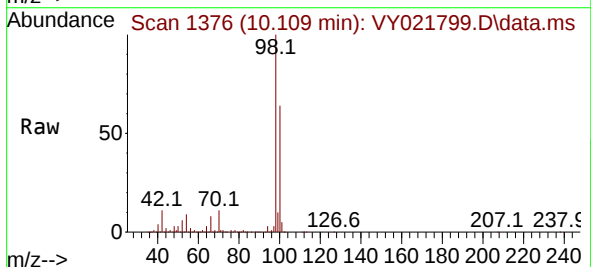


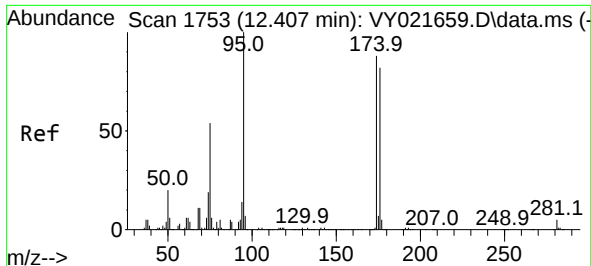
Tgt Ion:113 Resp: 100831
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.3 16.2 24.4



#50
Toluene-d8
Concen: 51.868 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021799.D
Acq: 07 Apr 2025 15:32

Tgt Ion: 98 Resp: 355519
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1

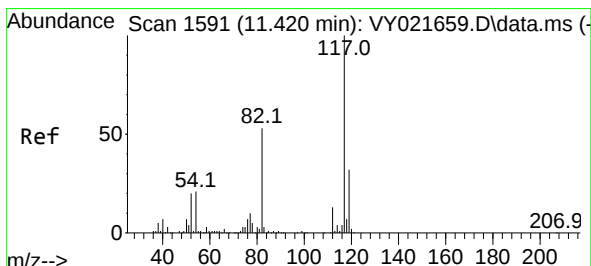
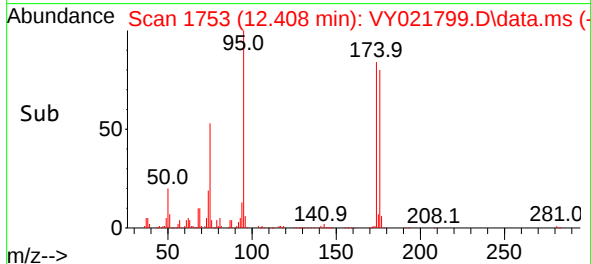
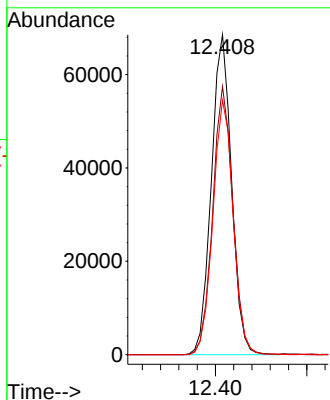
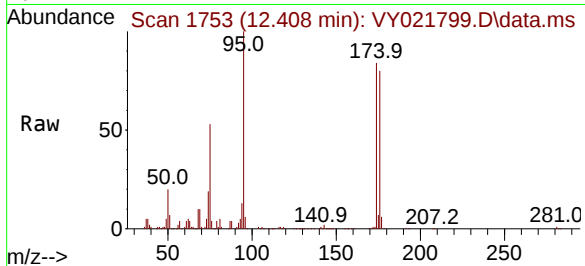




#62
4-Bromofluorobenzene
Concen: 45.241 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021799.D
Acq: 07 Apr 2025 15:32

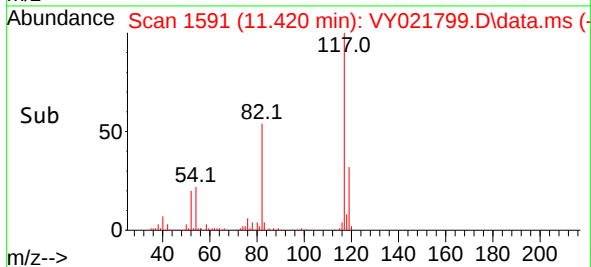
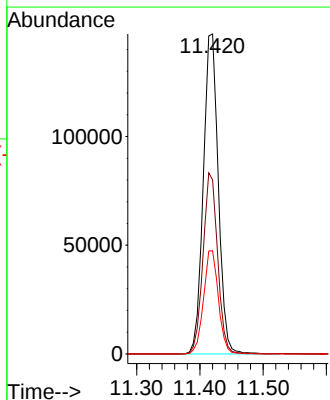
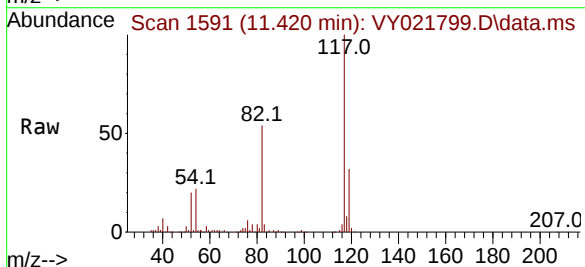
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MSVOA_Y
ClientSampleId :
OU4-CF-15-040325

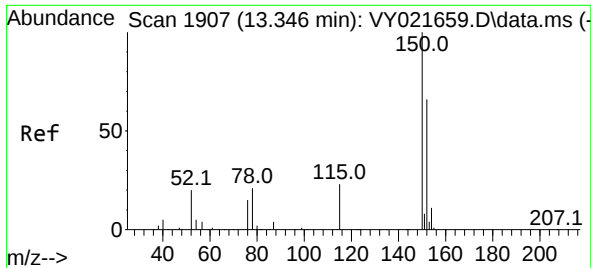
Tgt Ion: 95 Resp: 104888
Ion Ratio Lower Upper
95 100
174 84.0 0.0 170.8
176 80.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021799.D
Acq: 07 Apr 2025 15:32

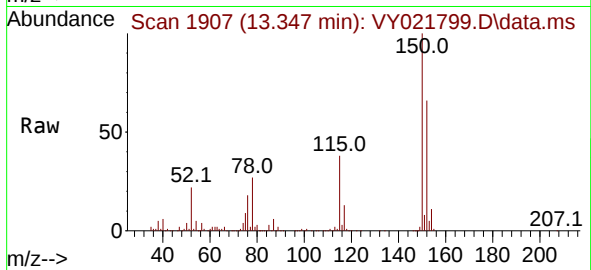
Tgt Ion: 117 Resp: 243254
Ion Ratio Lower Upper
117 100
82 54.4 42.8 64.2
119 32.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021799.D
 Acq: 07 Apr 2025 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-15-040325



Tgt Ion:152 Resp: 107208
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.8 86.5
 150 156.9 0.0 348.4

