

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021781.D
 Acq On : 04 Apr 2025 13:27
 Operator : SY/MD
 Sample : Q1730-01
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Apr 04 23:39:30 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)

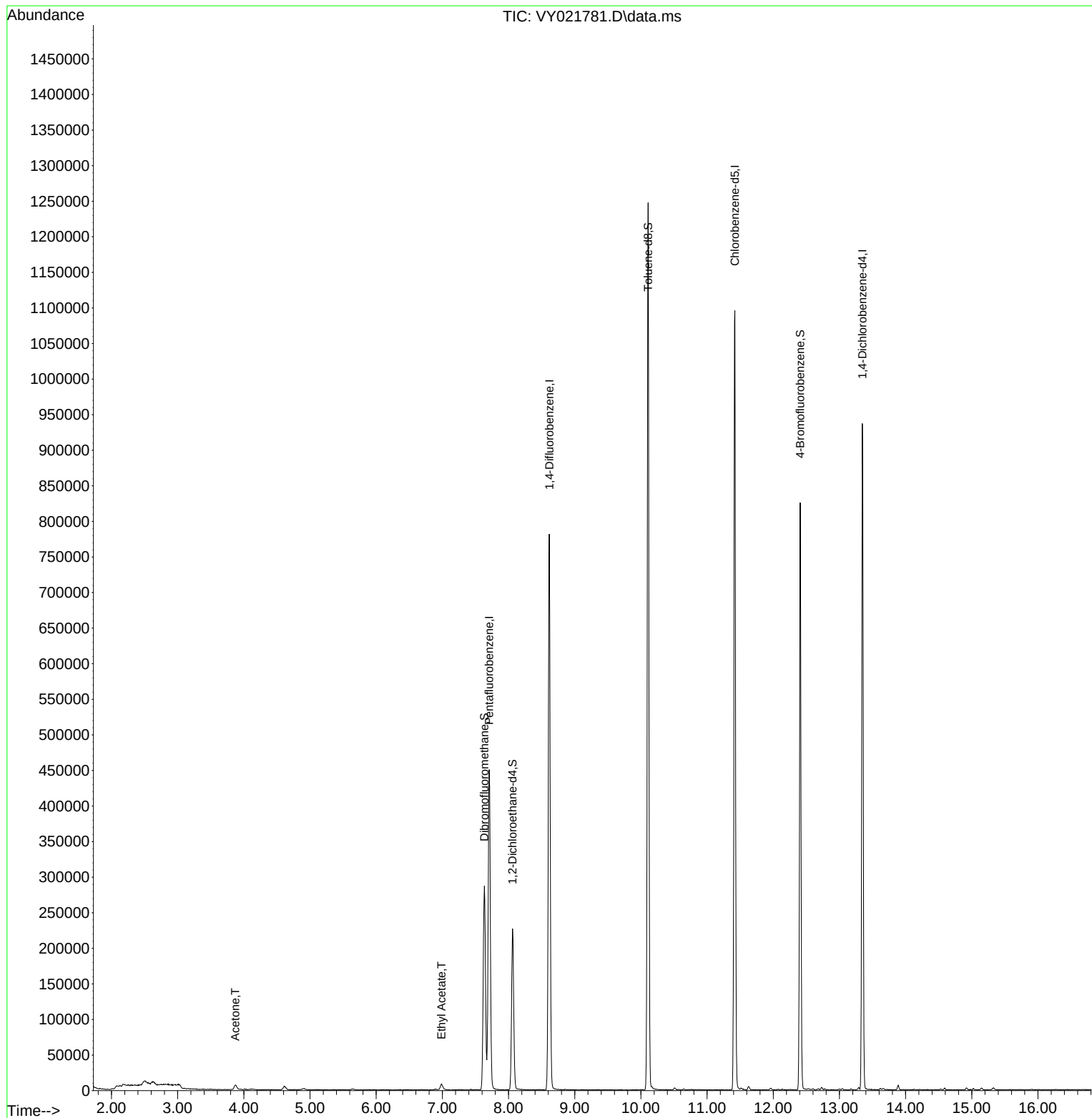
Internal Standards						
1) Pentafluorobenzene	7.707	168	343368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	647395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	573735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	228826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	179805	48.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.634	113	200979	47.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.720%
50) Toluene-d8	10.109	98	782529	48.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.408	95	240375	44.481	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.960%
Target Compounds						
16) Acetone	3.872	43	12606	16.556	ug/l	99
37) Ethyl Acetate	6.988	43	13216	4.378	ug/l	99

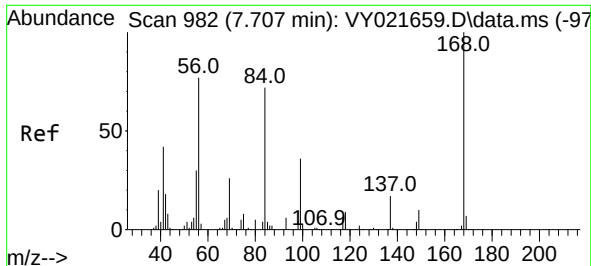
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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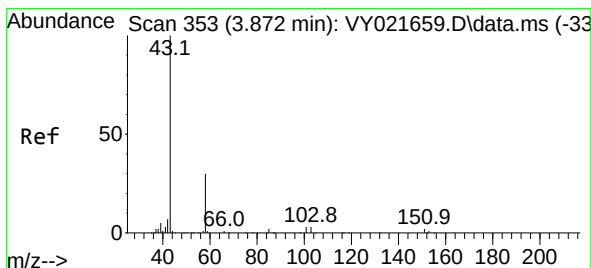
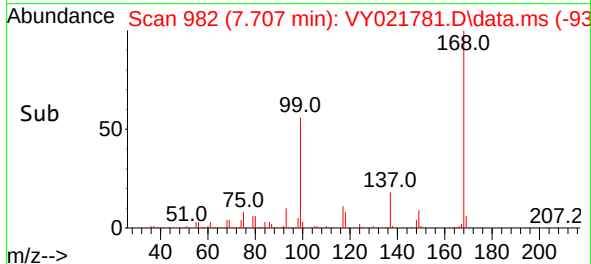
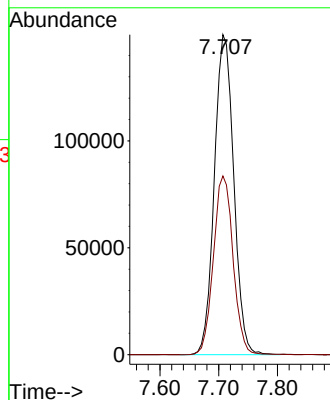
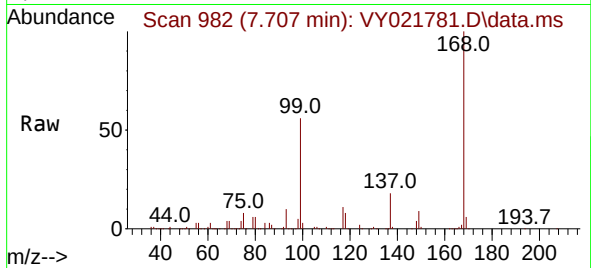




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021781.D
Acq: 04 Apr 2025 13:27

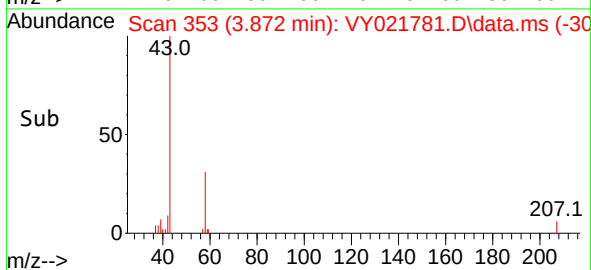
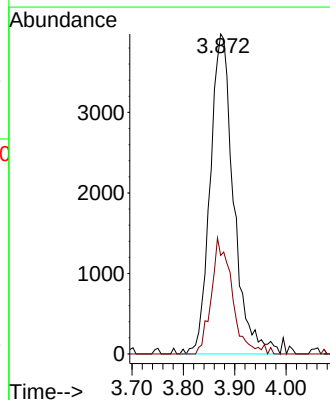
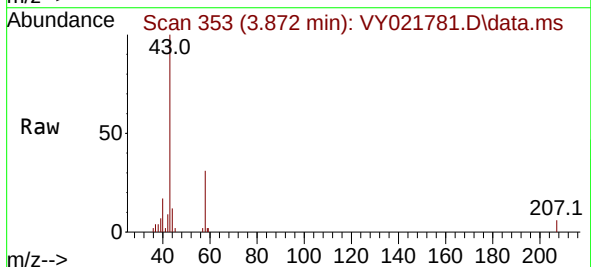
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-15-040325

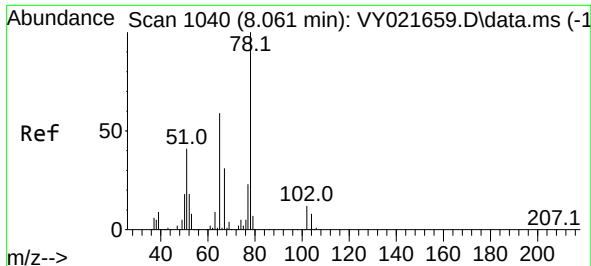
Tgt Ion:168 Resp: 343368
Ion Ratio Lower Upper
168 100
99 55.8 46.7 70.1



#16
Acetone
Concen: 16.556 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021781.D
Acq: 04 Apr 2025 13:27

Tgt Ion: 43 Resp: 12606
Ion Ratio Lower Upper
43 100
58 30.8 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 48.331 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021781.D

Acq: 04 Apr 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

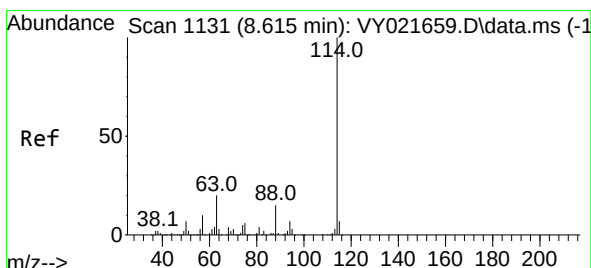
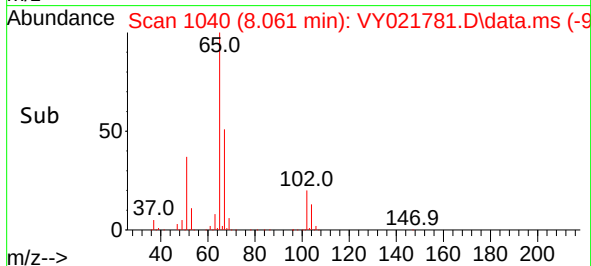
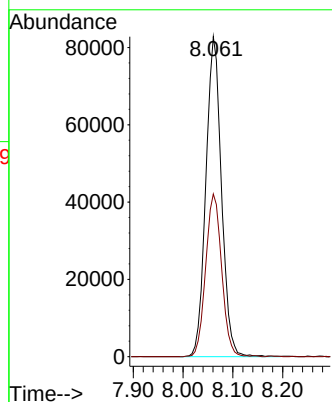
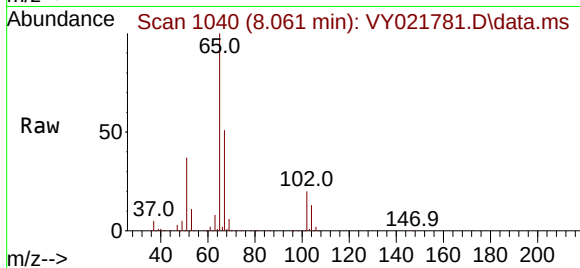
OU4-VSL-15-040325

Tgt Ion: 65 Resp: 179805

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021781.D

Acq: 04 Apr 2025 13:27

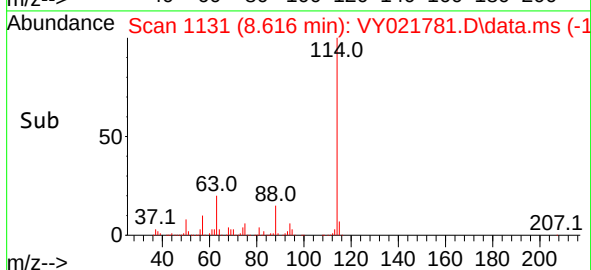
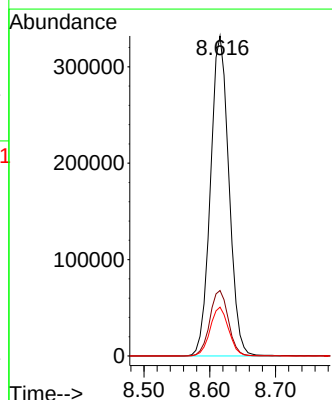
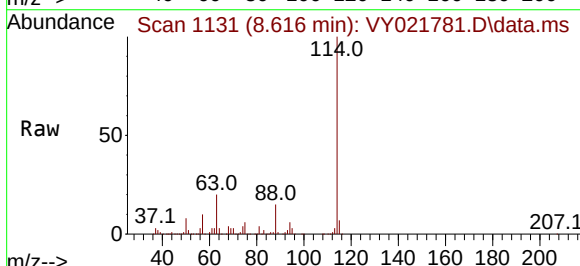
Tgt Ion: 114 Resp: 647395

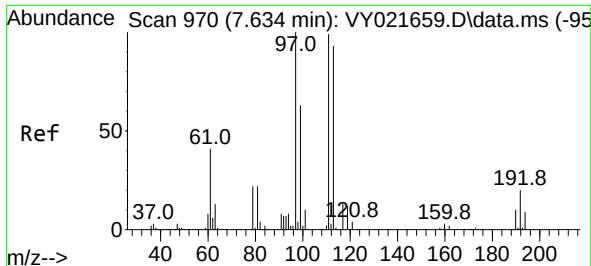
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.3 0.0 29.8



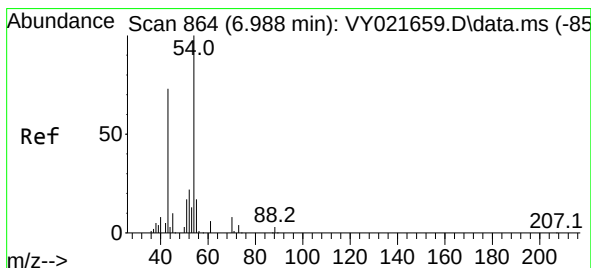
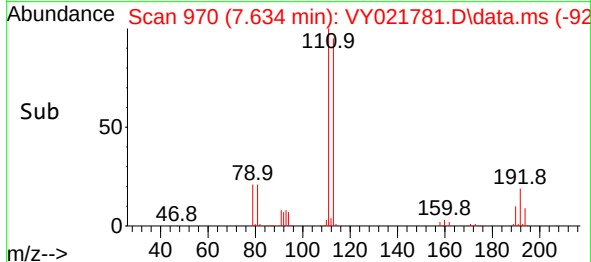
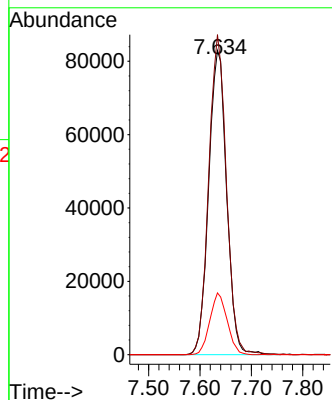
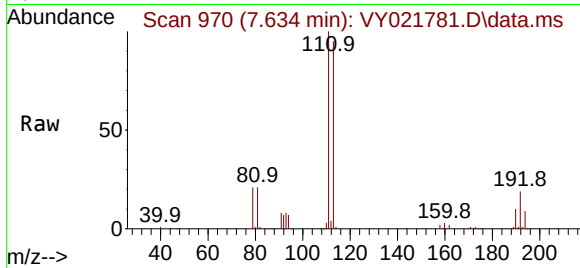


#35
 Dibromofluoromethane
 Concen: 47.857 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021781.D
 Acq: 04 Apr 2025 13:27

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

Tgt Ion:113 Resp: 200979

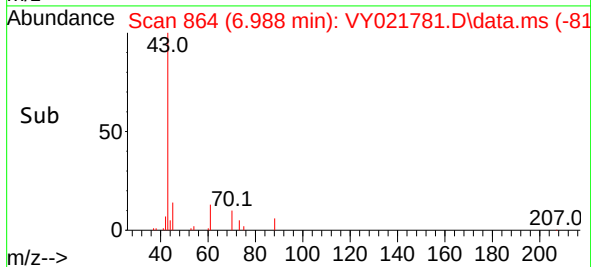
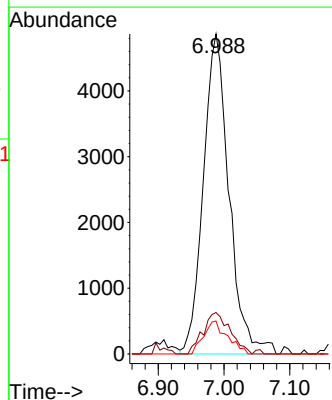
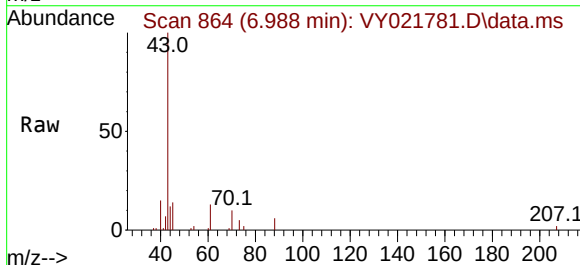
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	19.6	16.2	24.4

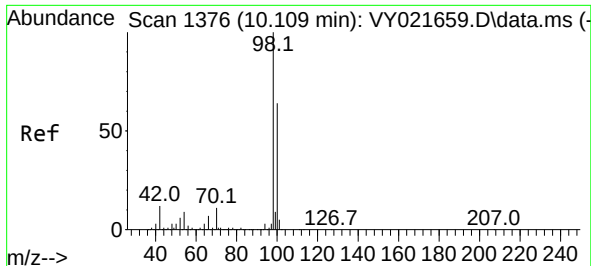


#37
 Ethyl Acetate
 Concen: 4.378 ug/l
 RT: 6.988 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VY021781.D
 Acq: 04 Apr 2025 13:27

Tgt Ion: 43 Resp: 13216

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.6
70	9.5	8.1	12.1

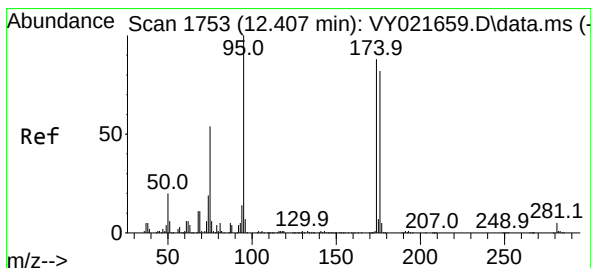
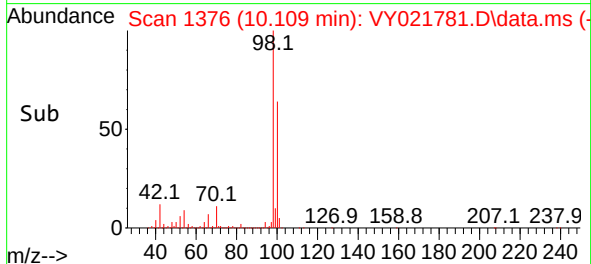
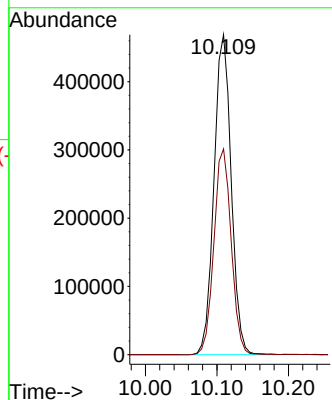
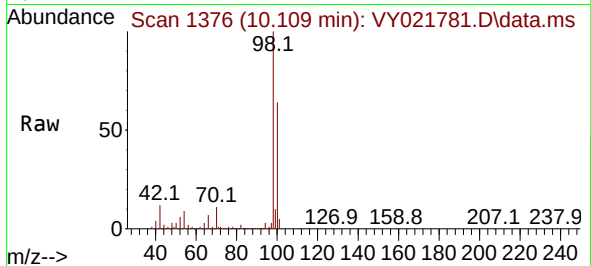




#50
Toluene-d8
Concen: 48.981 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021781.D
Acq: 04 Apr 2025 13:27

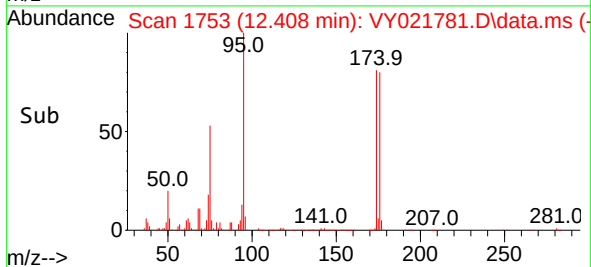
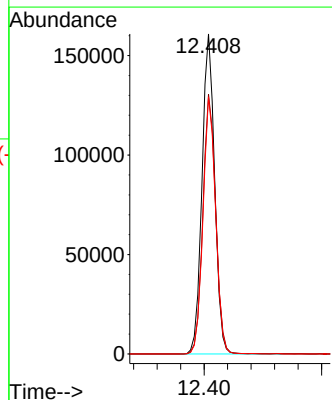
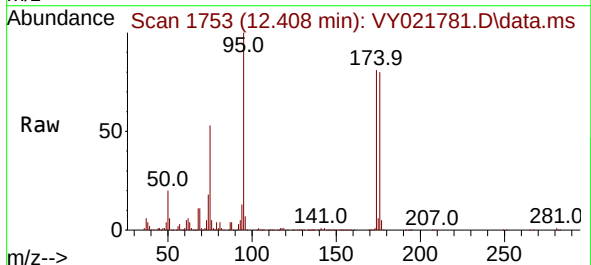
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-15-040325

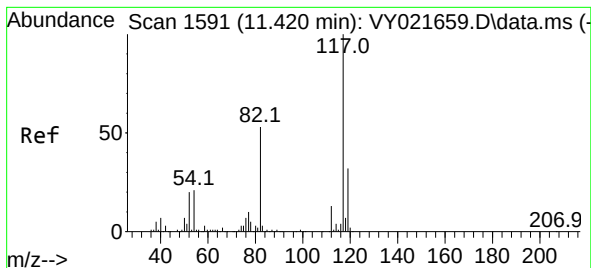
Tgt Ion: 98 Resp: 782529
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.481 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021781.D
Acq: 04 Apr 2025 13:27

Tgt Ion: 95 Resp: 240375
Ion Ratio Lower Upper
95 100
174 82.5 0.0 170.8
176 80.2 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021781.D

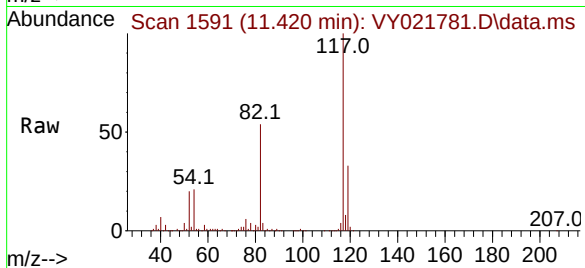
Acq: 04 Apr 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-15-040325



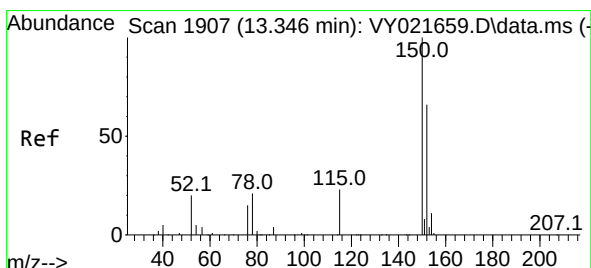
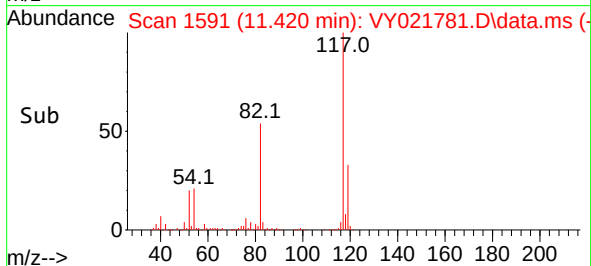
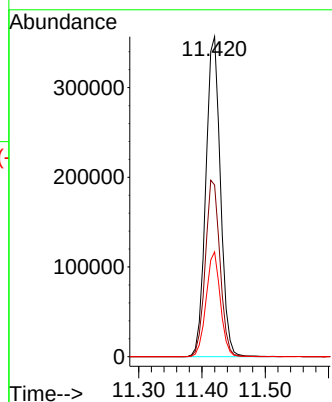
Tgt Ion:117 Resp: 573735

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

119 32.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021781.D

Acq: 04 Apr 2025 13:27

Tgt Ion:152 Resp: 228826

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 157.6 0.0 348.4

