

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021783.D
 Acq On : 04 Apr 2025 14:13
 Operator : SY/MD
 Sample : Q1730-05
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-17-040325

Quant Time: Apr 04 23:39:53 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)

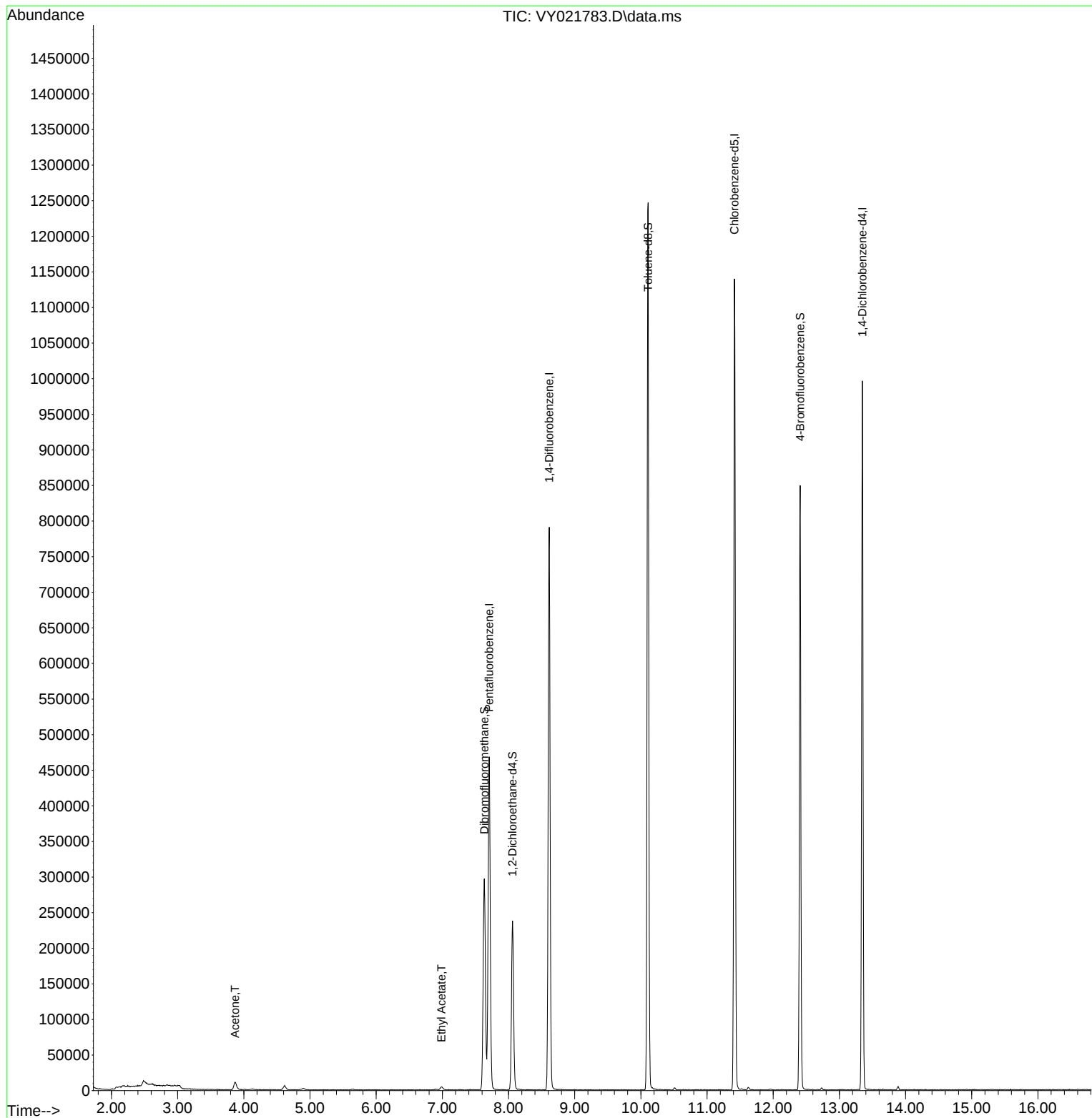
Internal Standards						
1) Pentafluorobenzene	7.707	168	345582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	659294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	587921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	238203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187709	50.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.260%
35) Dibromofluoromethane	7.634	113	207764	48.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.109	98	800849	49.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.408	95	249093	45.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.520%
Target Compounds						
16) Acetone	3.866	43	19586	25.559	ug/l	100
37) Ethyl Acetate	6.988	43	6886	2.240	ug/l	96

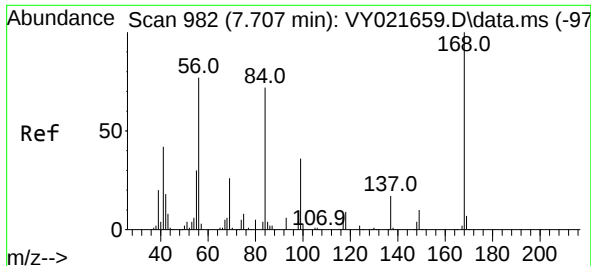
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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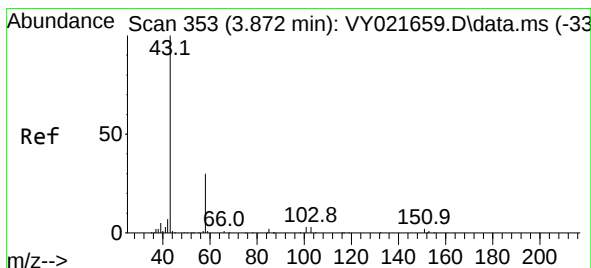
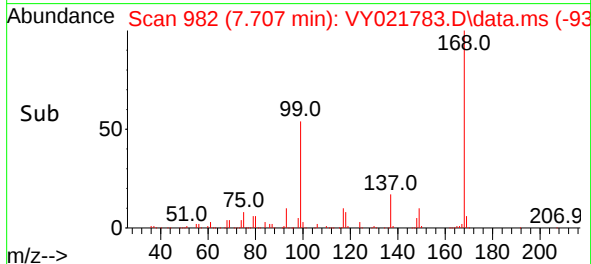
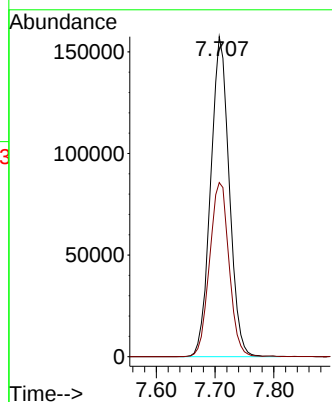
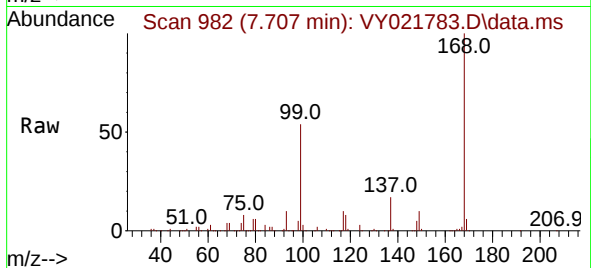




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021783.D
Acq: 04 Apr 2025 14:13

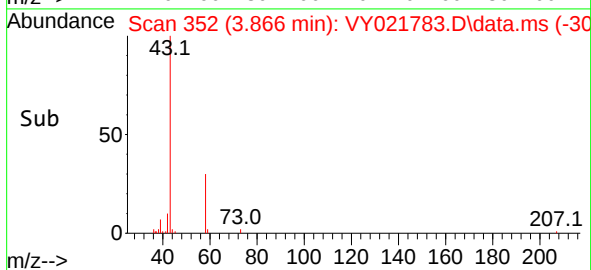
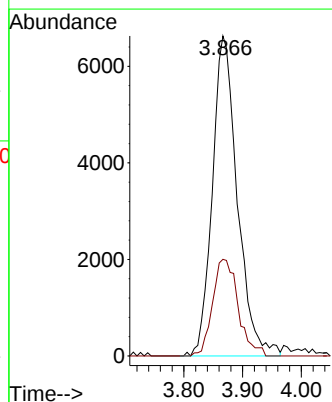
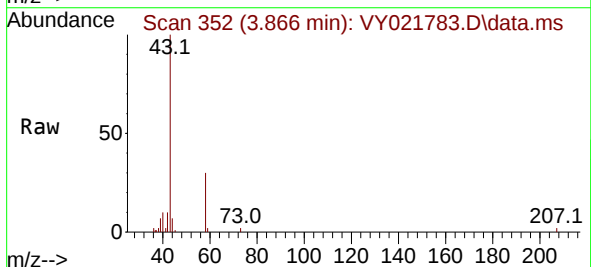
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-17-040325

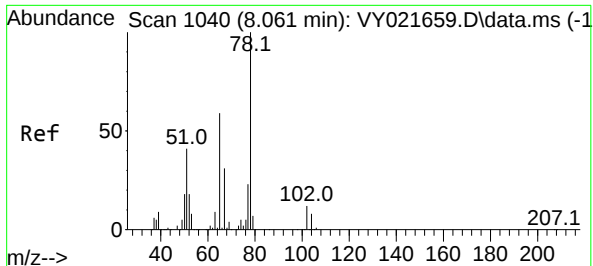
Tgt Ion:168 Resp: 345582
Ion Ratio Lower Upper
168 100
99 54.3 46.7 70.1



#16
Acetone
Concen: 25.559 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021783.D
Acq: 04 Apr 2025 14:13

Tgt Ion: 43 Resp: 19586
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 50.132 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021783.D

Acq: 04 Apr 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

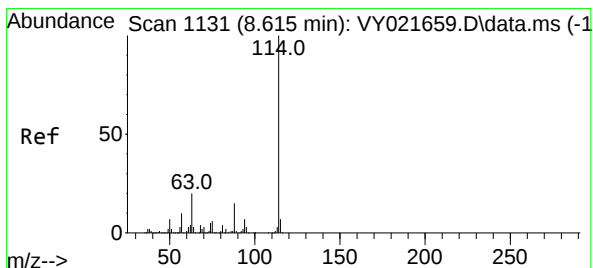
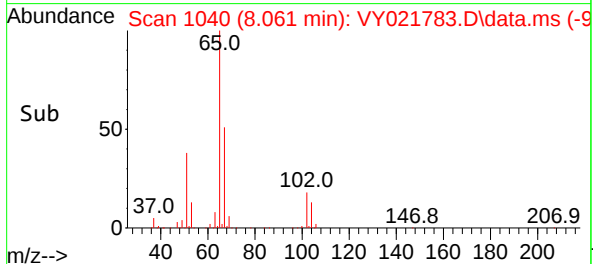
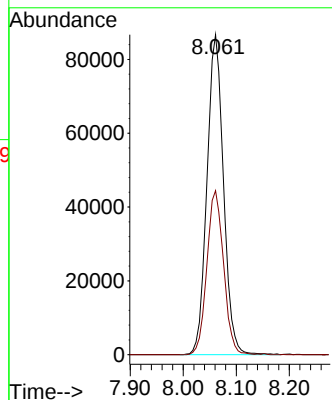
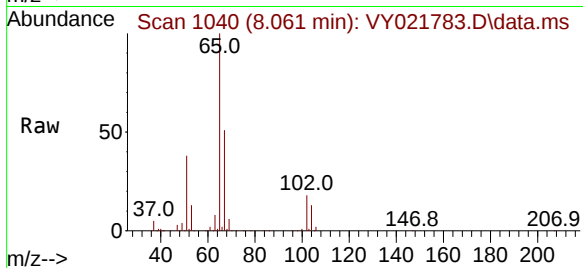
OU4-VSL-17-040325

Tgt Ion: 65 Resp: 187709

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021783.D

Acq: 04 Apr 2025 14:13

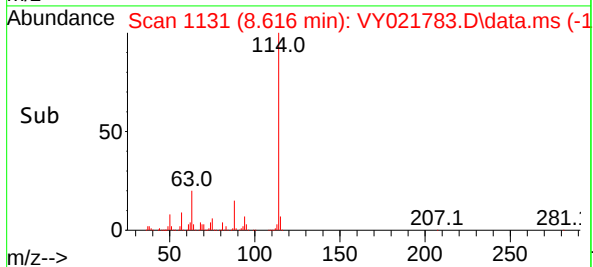
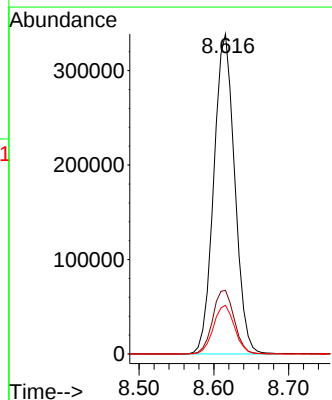
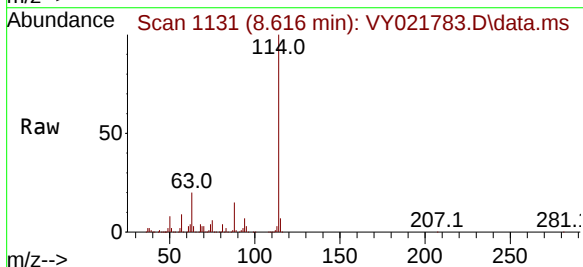
Tgt Ion: 114 Resp: 659294

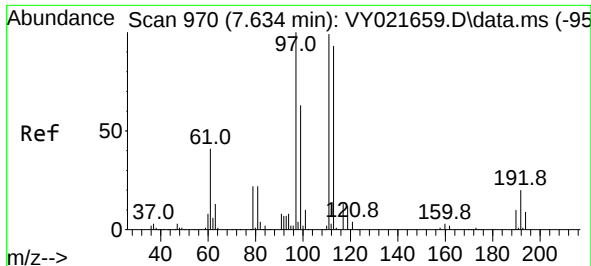
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.2 0.0 29.8

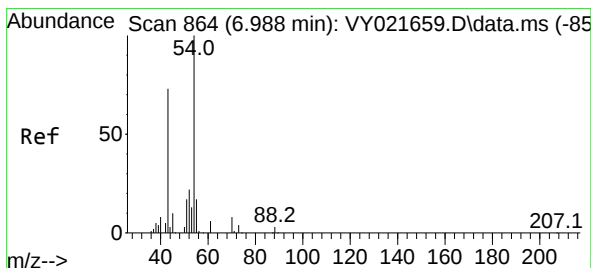
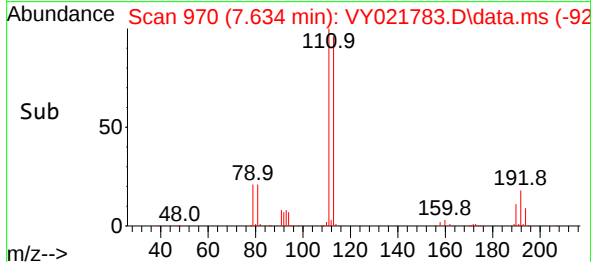
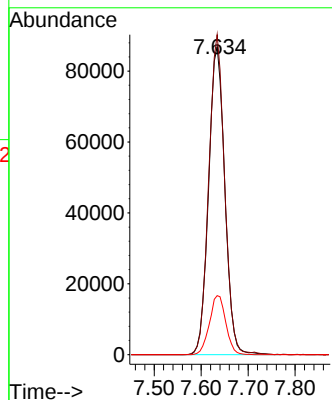
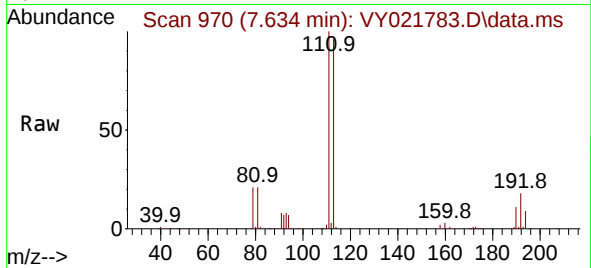




#35
Dibromofluoromethane
Concen: 48.580 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021783.D
Acq: 04 Apr 2025 14:13

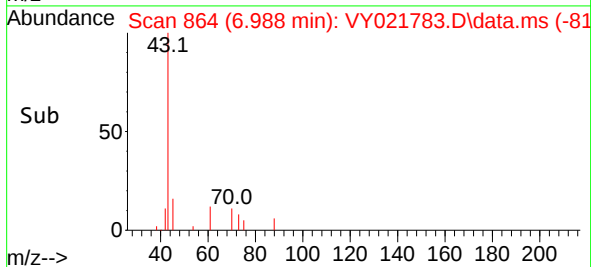
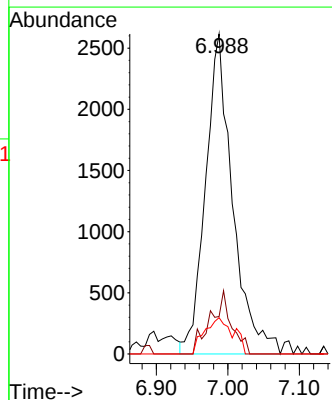
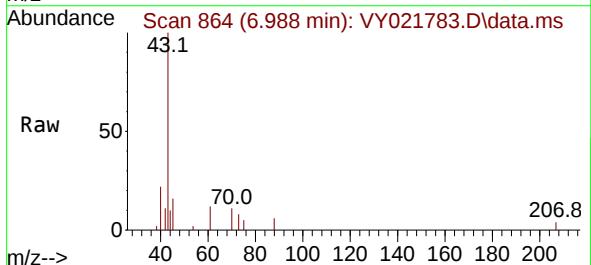
Instrument :
MSVOA_Y
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OU4-VSL-17-040325

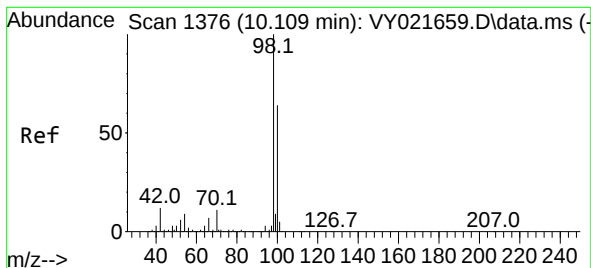
Tgt Ion:113 Resp: 207764
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.3 16.2 24.4



#37
Ethyl Acetate
Concen: 2.240 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY021783.D
Acq: 04 Apr 2025 14:13

Tgt Ion: 43 Resp: 6886
Ion Ratio Lower Upper
43 100
61 15.3 11.0 16.6
70 12.0 8.1 12.1

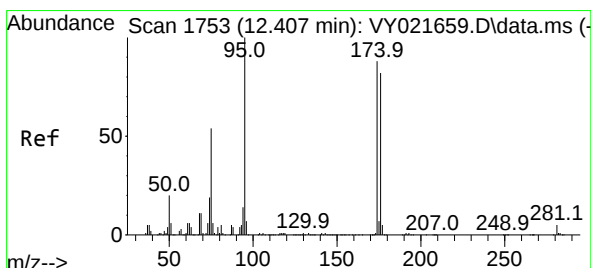
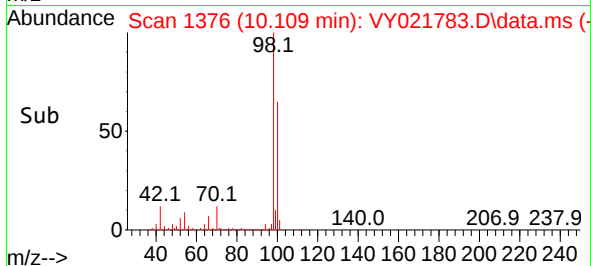
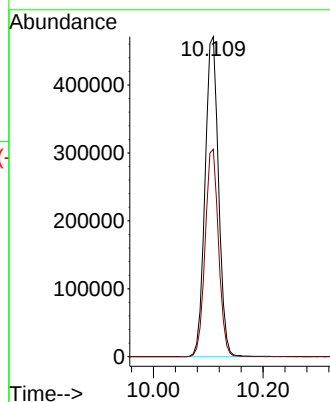
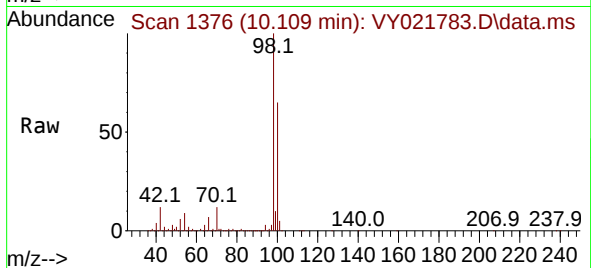




#50
Toluene-d8
Concen: 49.223 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021783.D
Acq: 04 Apr 2025 14:13

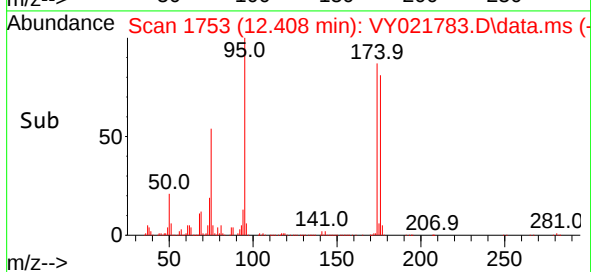
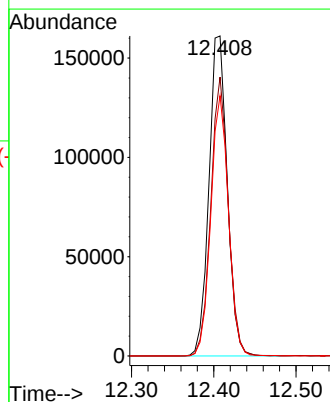
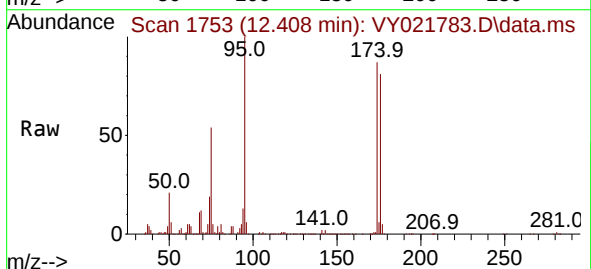
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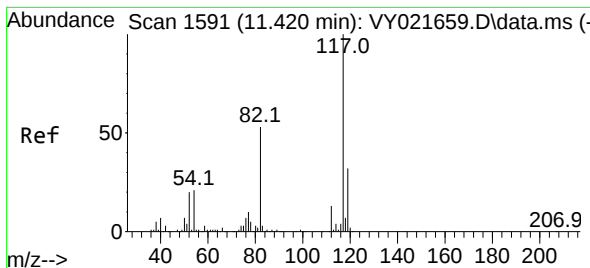
Tgt Ion: 98 Resp: 800849
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.263 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021783.D
Acq: 04 Apr 2025 14:13

Tgt Ion: 95 Resp: 249093
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 78.6 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: VY021783.D

Acq: 04 Apr 2025 14:13

Instrument :

MSVOA_Y

ClientSampleId :

OU4-VSL-17-040325

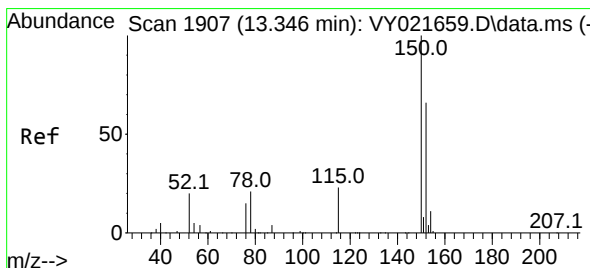
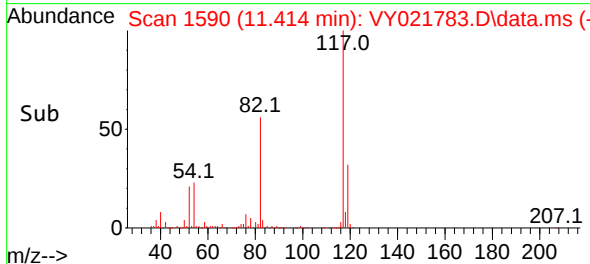
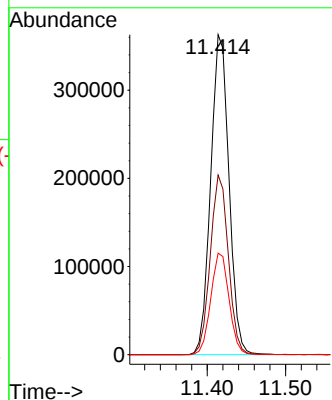
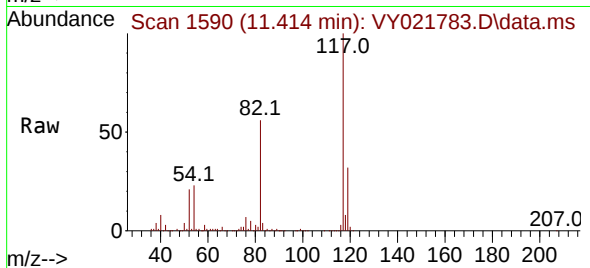
Tgt Ion:117 Resp: 587921

Ion Ratio Lower Upper

117 100

82 56.1 42.8 64.2

119 31.7 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: VY021783.D

Acq: 04 Apr 2025 14:13

Tgt Ion:152 Resp: 238203

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 158.1 0.0 348.4

