

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021787.D
 Acq On : 04 Apr 2025 15:47
 Operator : SY/MD
 Sample : Q1730-13
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-24-040325

Quant Time: Apr 04 23:40:40 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)

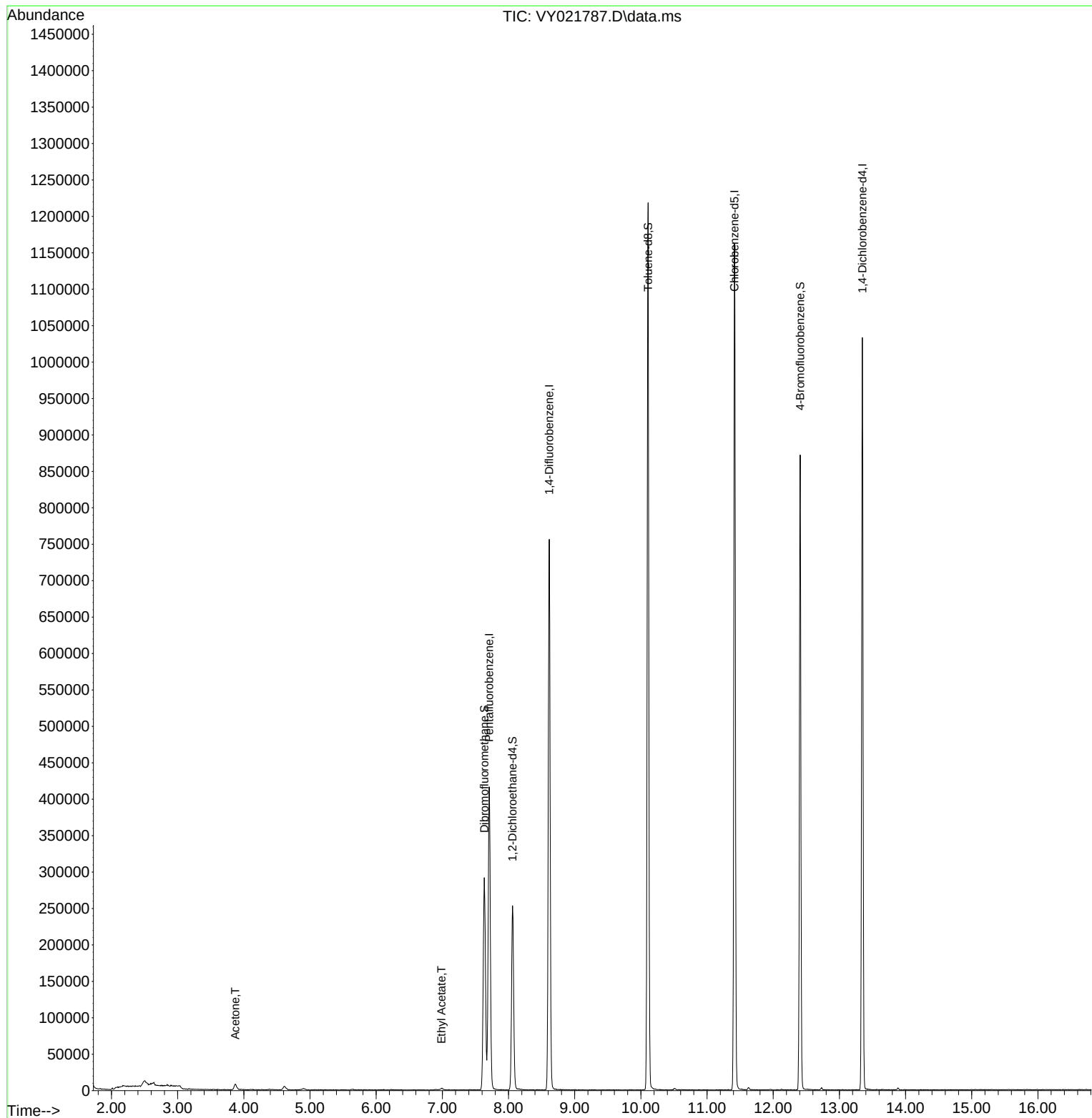
Internal Standards						
1) Pentafluorobenzene	7.707	168	311584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	616656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	247734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	199571	59.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.240%	
35) Dibromofluoromethane	7.634	113	203635	50.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.109	98	767004	50.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.408	95	254584	49.459	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.920%	
Target Compounds						
16) Acetone	3.873	43	13685	19.807	ug/l	95
37) Ethyl Acetate	6.988	43	3581	1.245	ug/l	97

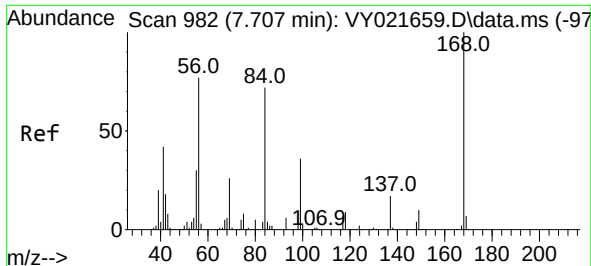
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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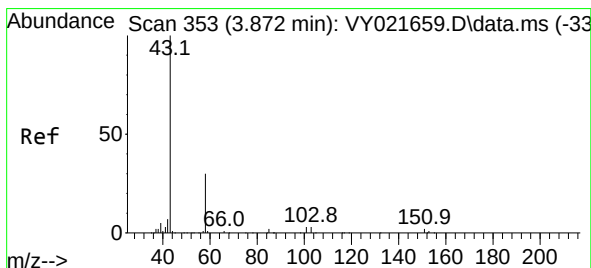
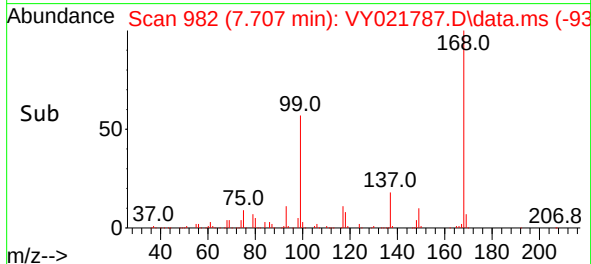
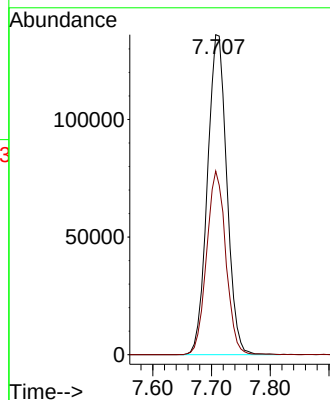
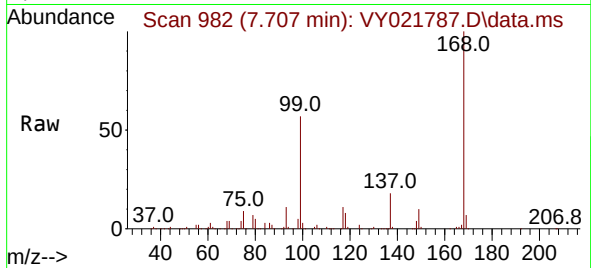




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021787.D
Acq: 04 Apr 2025 15:47

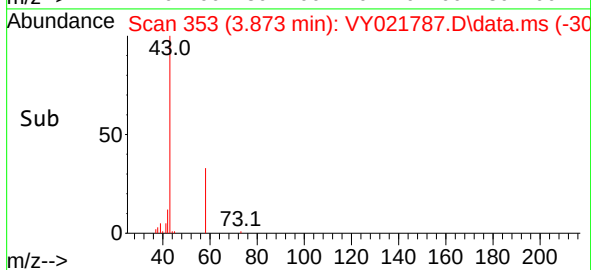
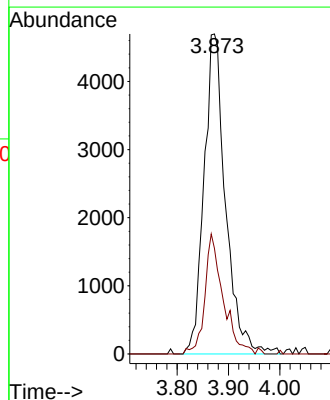
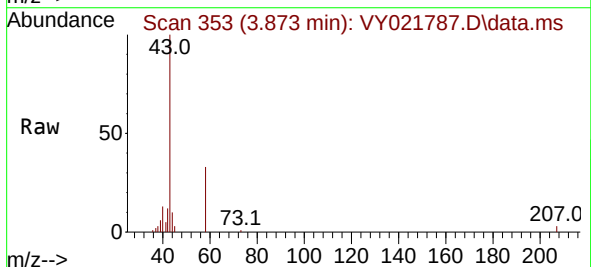
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-24-040325

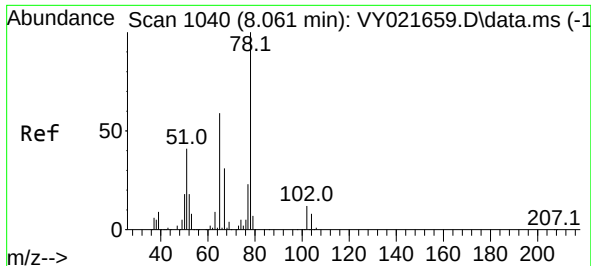
Tgt Ion:168 Resp: 311584
Ion Ratio Lower Upper
168 100
99 57.4 46.7 70.1



#16
Acetone
Concen: 19.807 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021787.D
Acq: 04 Apr 2025 15:47

Tgt Ion: 43 Resp: 13685
Ion Ratio Lower Upper
43 100
58 33.0 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 59.116 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021787.D

Acq: 04 Apr 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

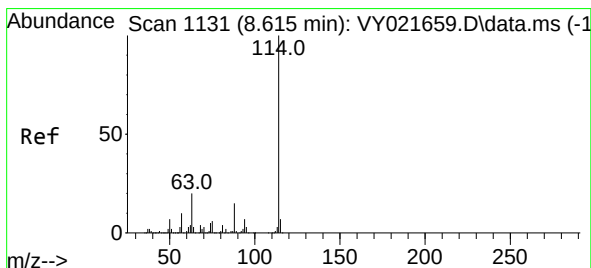
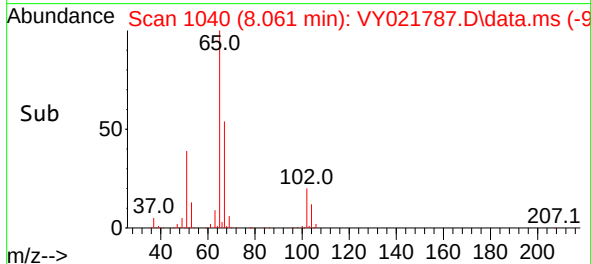
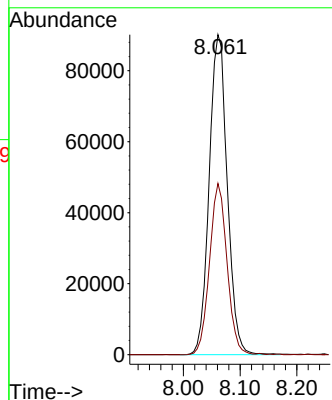
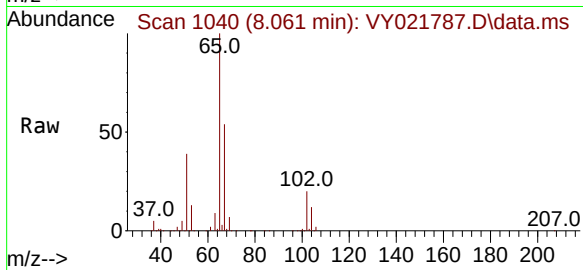
OU4-PCS-TC-24-040325

Tgt Ion: 65 Resp: 199571

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: VY021787.D

Acq: 04 Apr 2025 15:47

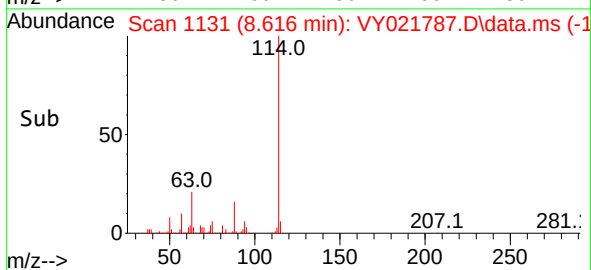
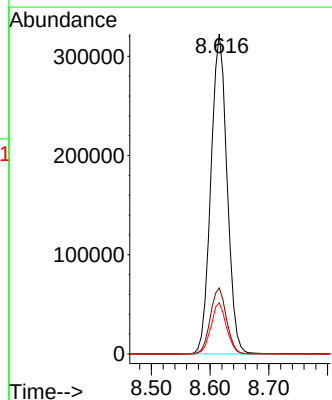
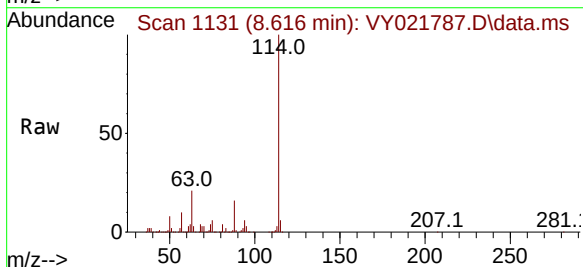
Tgt Ion: 114 Resp: 616656

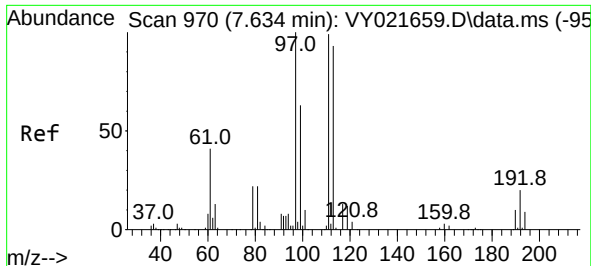
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 16.0 0.0 29.8



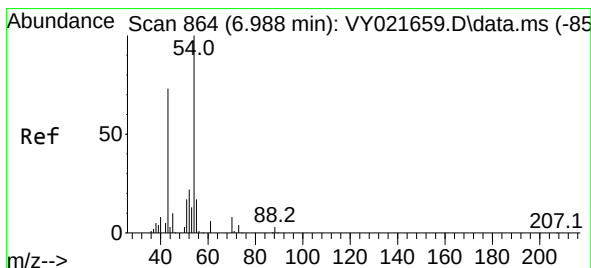
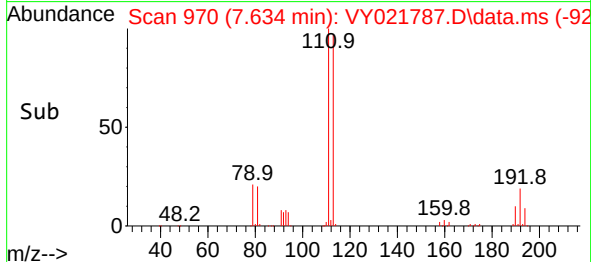
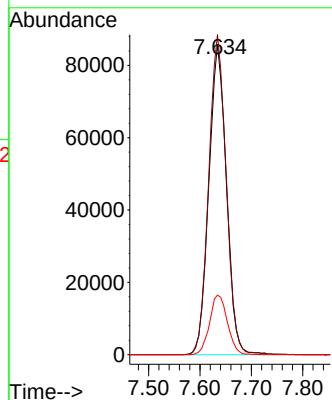
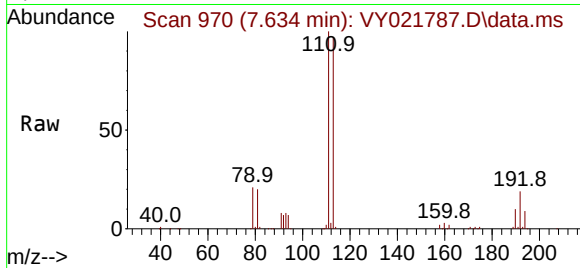


#35
 Dibromofluoromethane
 Concen: 50.907 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021787.D
 Acq: 04 Apr 2025 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-24-040325

Tgt Ion:113 Resp: 203635

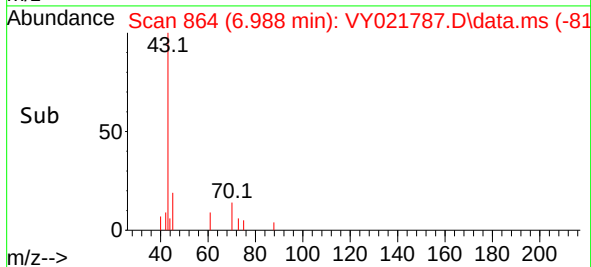
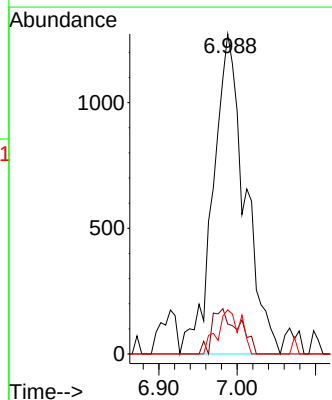
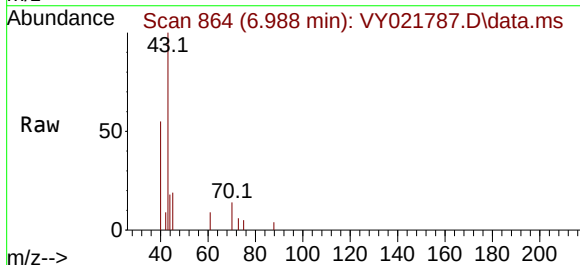
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.5	16.2	24.4

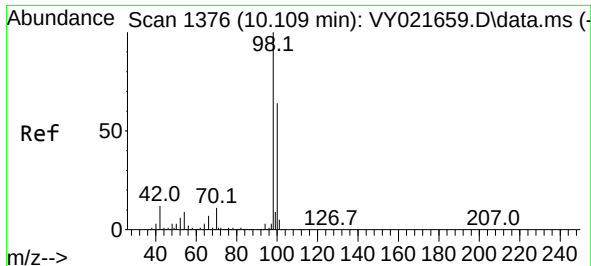


#37
 Ethyl Acetate
 Concen: 1.245 ug/l
 RT: 6.988 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VY021787.D
 Acq: 04 Apr 2025 15:47

Tgt Ion: 43 Resp: 3581

Ion	Ratio	Lower	Upper
43	100		
61	11.8	11.0	16.6
70	10.2	8.1	12.1

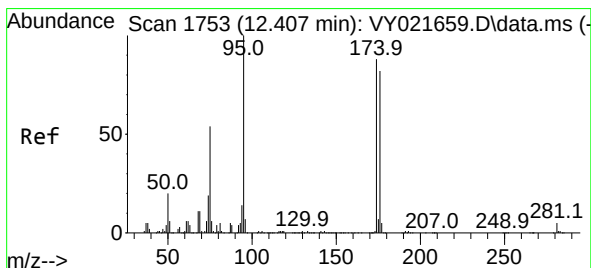
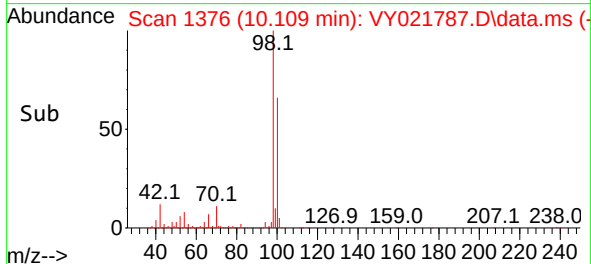
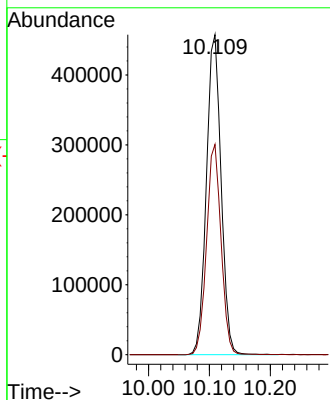
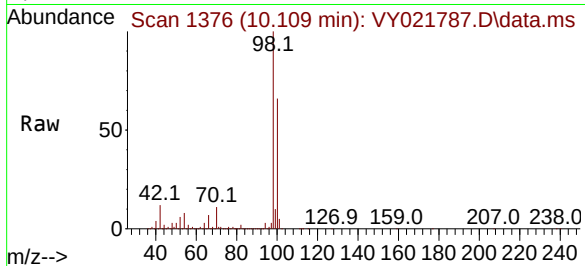




#50
Toluene-d8
Concen: 50.402 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021787.D
Acq: 04 Apr 2025 15:47

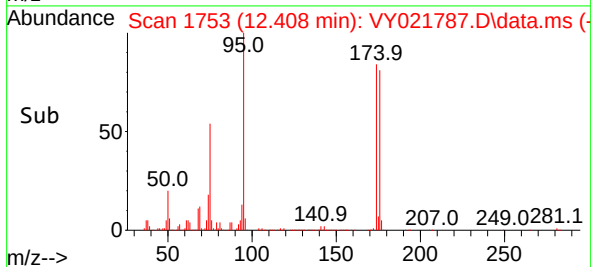
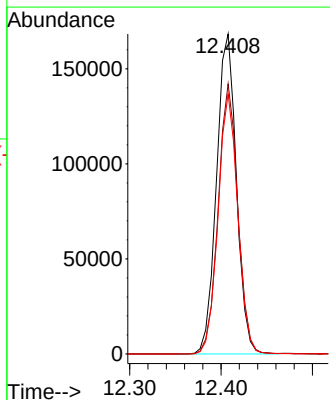
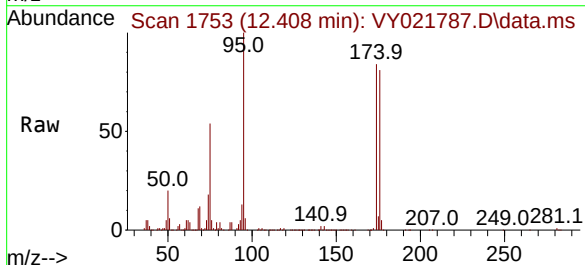
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-24-040325

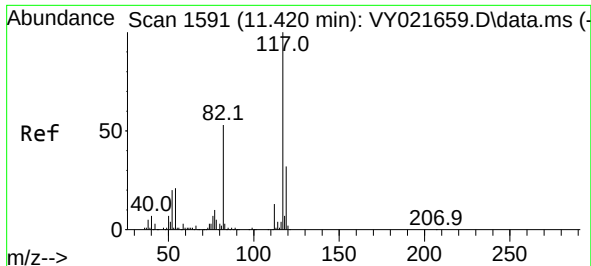
Tgt Ion: 98 Resp: 767004
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.459 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021787.D
Acq: 04 Apr 2025 15:47

Tgt Ion: 95 Resp: 254584
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 80.3 0.0 162.0

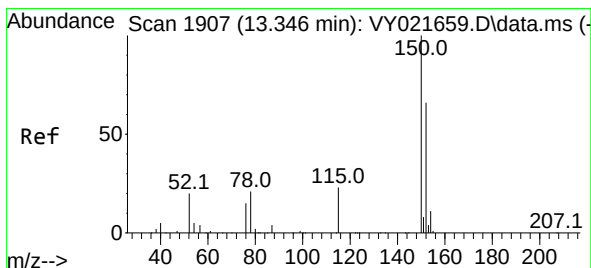
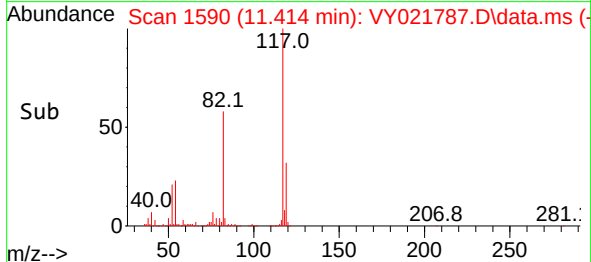
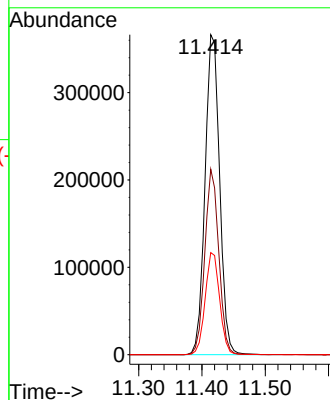
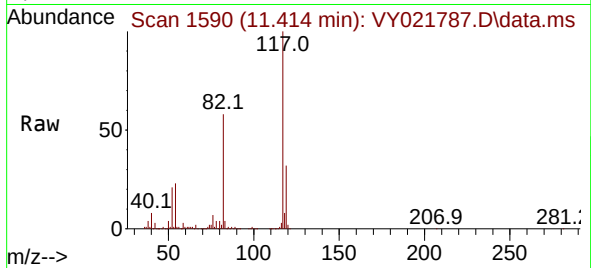




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021787.D
Acq: 04 Apr 2025 15:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-24-040325

Tgt Ion:117 Resp: 588608
Ion Ratio Lower Upper
117 100
82 58.0 42.8 64.2
119 31.9 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: VY021787.D
Acq: 04 Apr 2025 15:47

Tgt Ion:152 Resp: 247734
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 157.4 0.0 348.4

