

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021782.D
 Acq On : 04 Apr 2025 13:50
 Operator : SY/MD
 Sample : Q1730-03
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-VSL-16-040325

Quant Time: Apr 04 23:39:42 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)

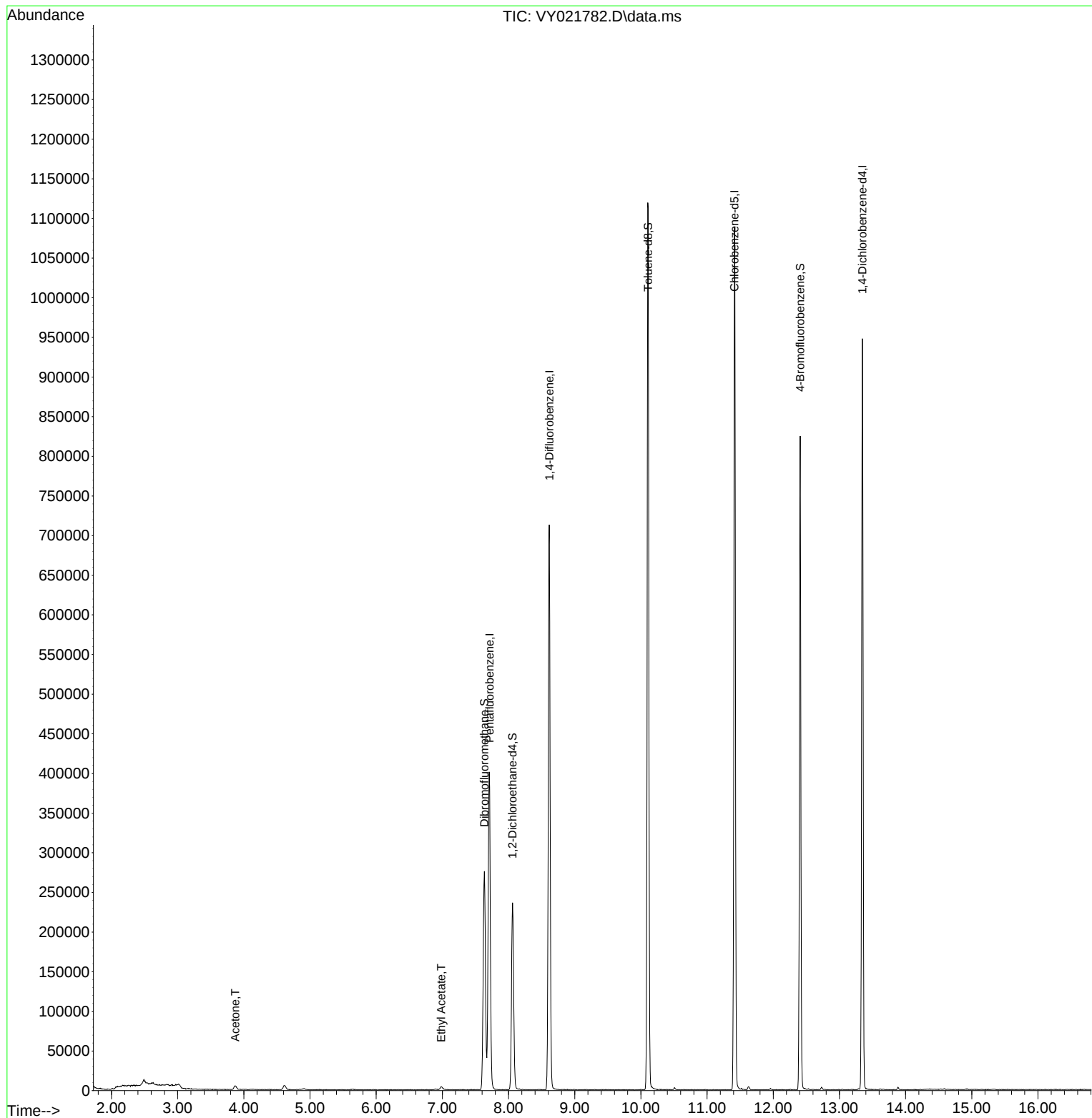
Internal Standards						
1) Pentafluorobenzene	7.713	168	302989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	591384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	546276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	230456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	189545	57.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.480%
35) Dibromofluoromethane	7.634	113	194103	50.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.109	98	722172	49.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.408	95	236153	47.839	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.680%
Target Compounds						
16) Acetone	3.873	43	9058	13.482	ug/l	97
37) Ethyl Acetate	6.982	43	6270	2.274	ug/l	99

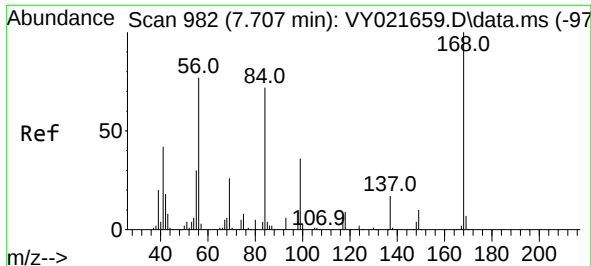
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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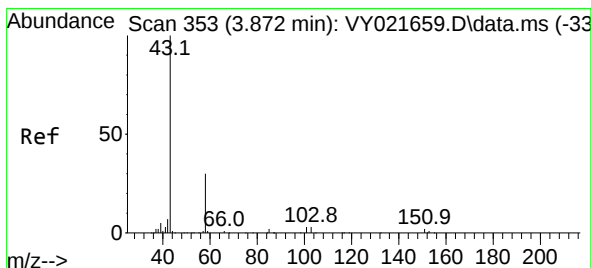
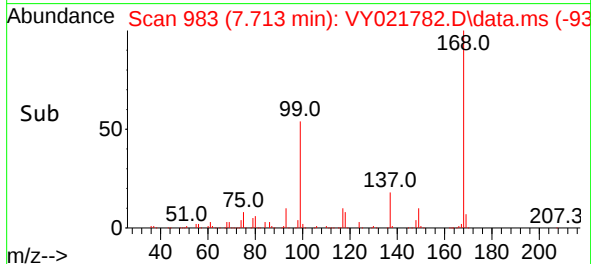
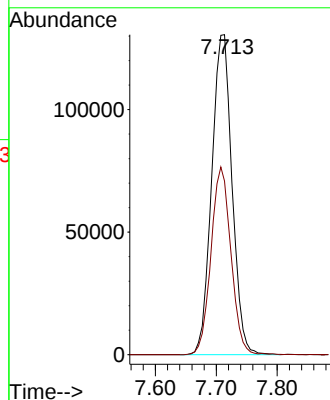
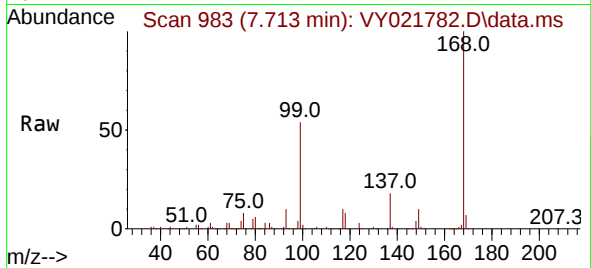




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021782.D
Acq: 04 Apr 2025 13:50

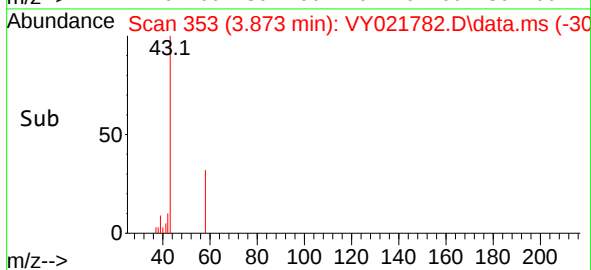
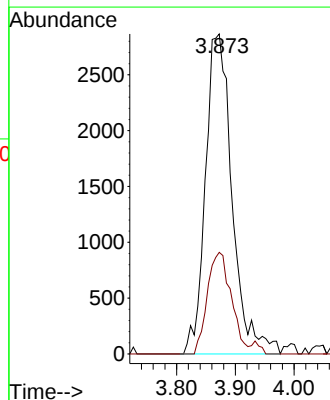
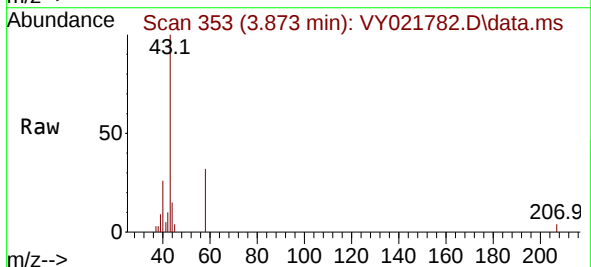
Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-16-040325

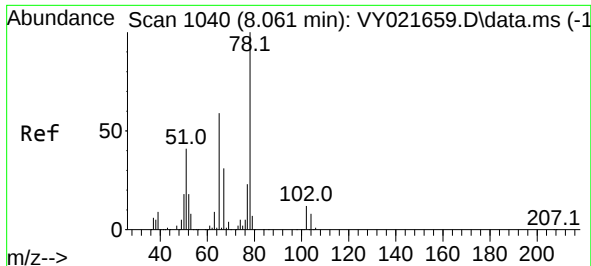
Tgt Ion:168 Resp: 302989
Ion Ratio Lower Upper
168 100
99 54.3 46.7 70.1



#16
Acetone
Concen: 13.482 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021782.D
Acq: 04 Apr 2025 13:50

Tgt Ion: 43 Resp: 9058
Ion Ratio Lower Upper
43 100
58 31.8 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 57.739 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021782.D

Acq: 04 Apr 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

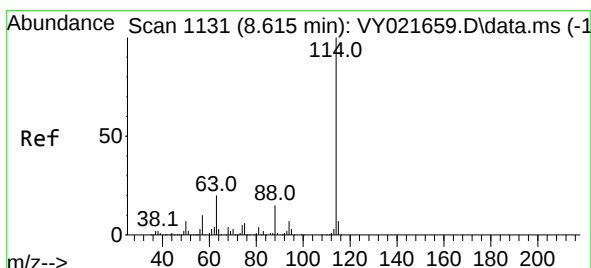
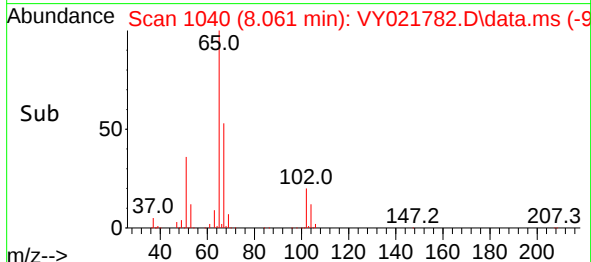
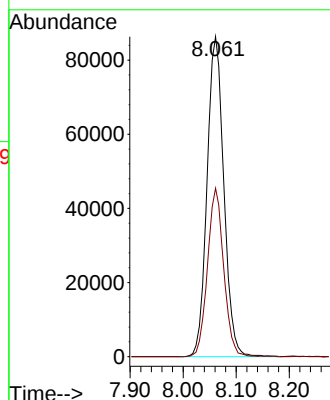
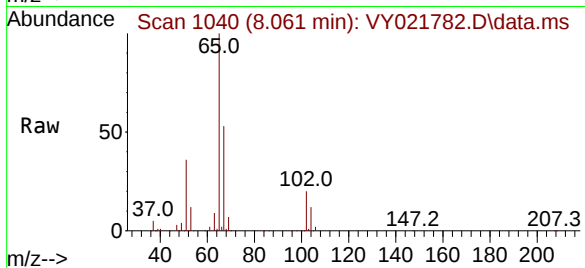
OU4-VSL-16-040325

Tgt Ion: 65 Resp: 189545

Ion Ratio Lower Upper

65 100

67 50.7 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: VY021782.D

Acq: 04 Apr 2025 13:50

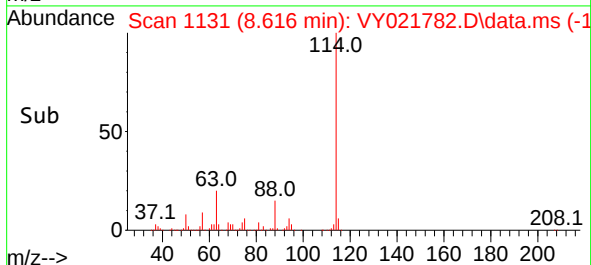
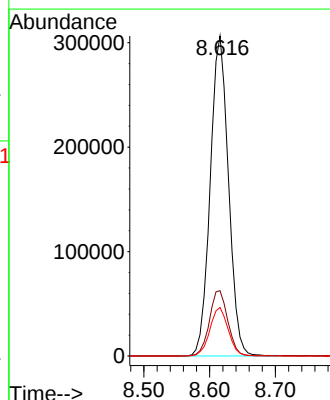
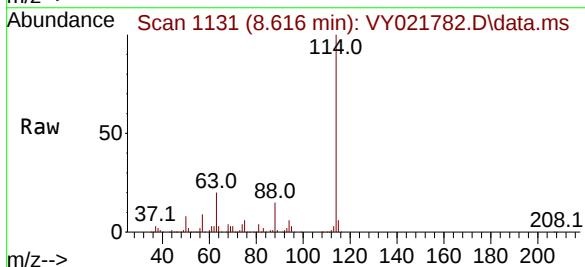
Tgt Ion: 114 Resp: 591384

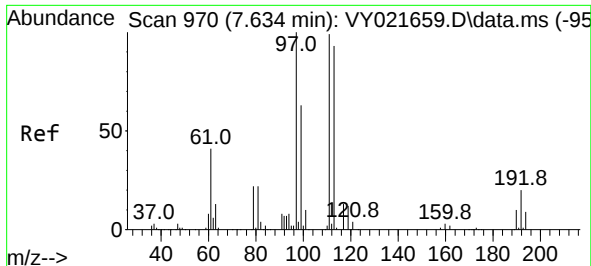
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.1 0.0 29.8

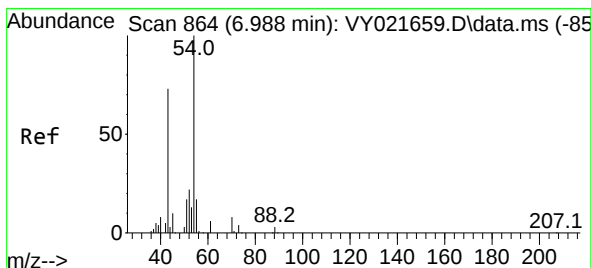
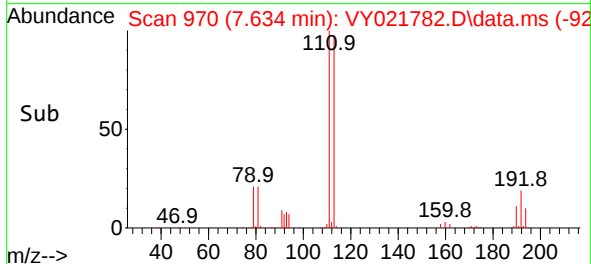
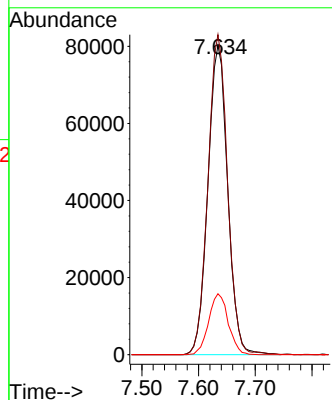
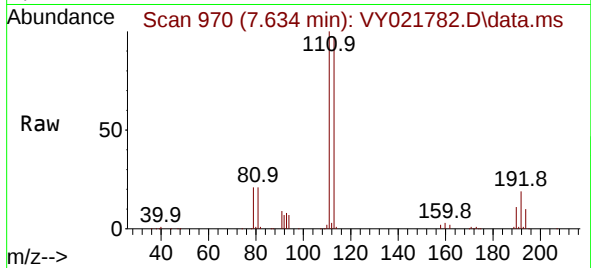




#35
Dibromofluoromethane
Concen: 50.598 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021782.D
Acq: 04 Apr 2025 13:50

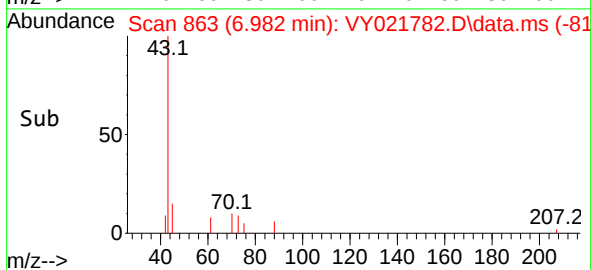
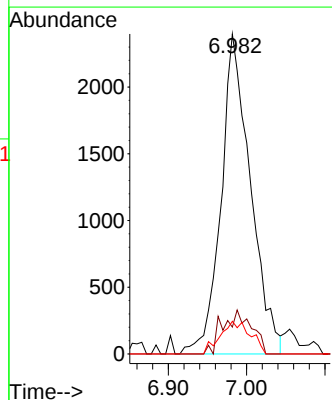
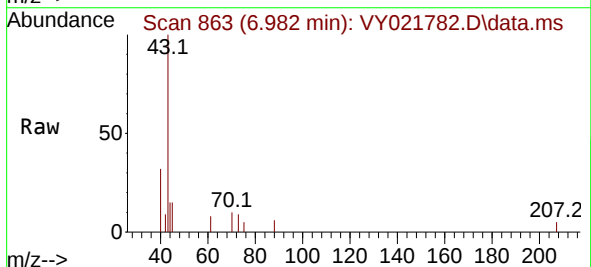
Instrument :
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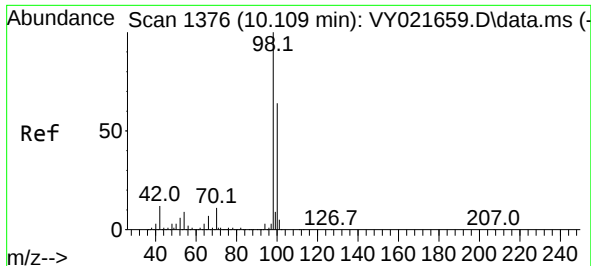
Tgt Ion:113 Resp: 194103
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.5 16.2 24.4



#37
Ethyl Acetate
Concen: 2.274 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY021782.D
Acq: 04 Apr 2025 13:50

Tgt Ion: 43 Resp: 6270
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.6
70 10.4 8.1 12.1

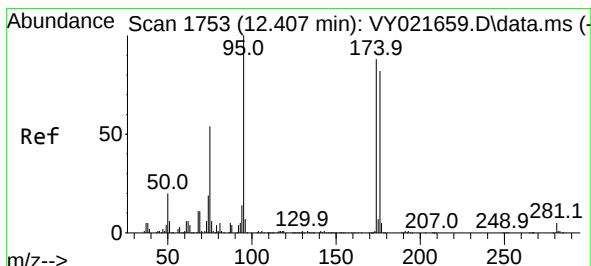
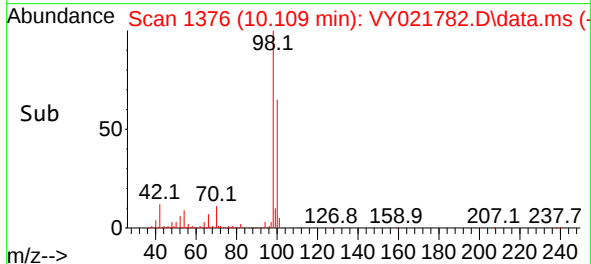
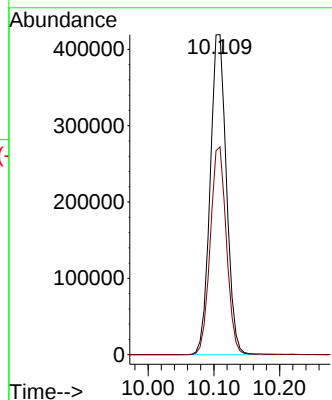
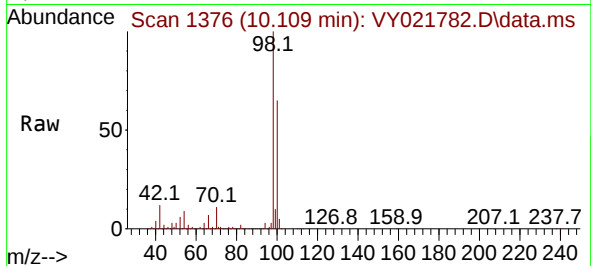




#50
Toluene-d8
Concen: 49.484 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021782.D
Acq: 04 Apr 2025 13:50

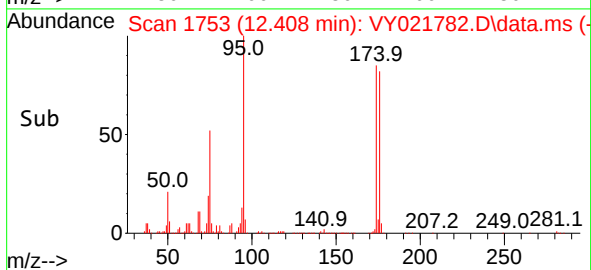
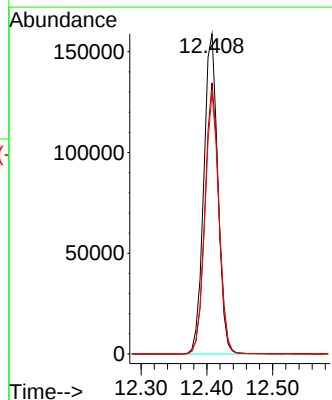
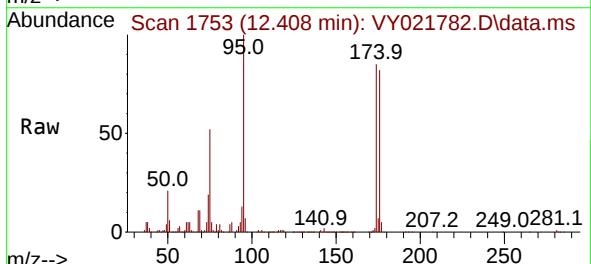
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MSVOA_Y
ClientSampleId :
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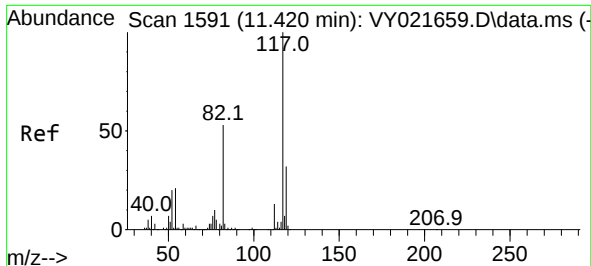
Tgt Ion: 98 Resp: 722172
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.839 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021782.D
Acq: 04 Apr 2025 13:50

Tgt Ion: 95 Resp: 236153
Ion Ratio Lower Upper
95 100
174 83.5 0.0 170.8
176 81.0 0.0 162.0

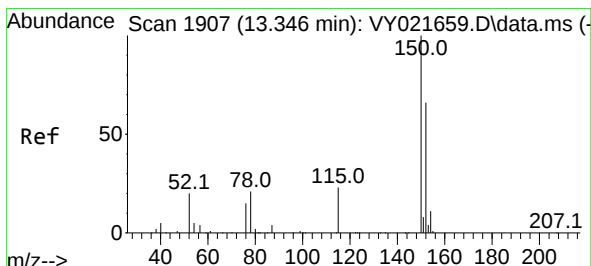
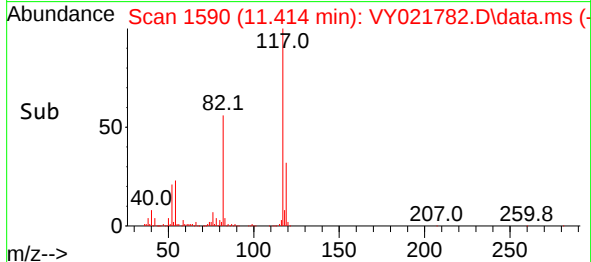
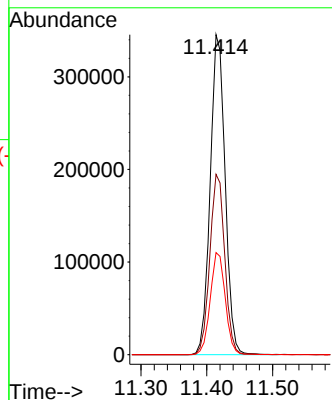
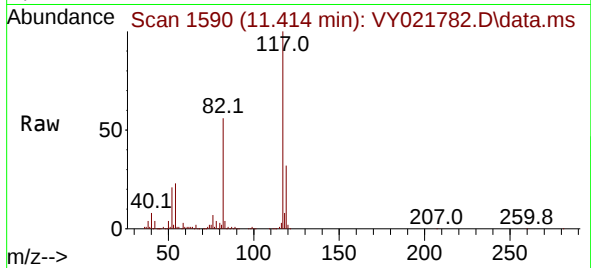




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021782.D
Acq: 04 Apr 2025 13:50

Instrument :
MSVOA_Y
ClientSampleId :
OU4-VSL-16-040325

Tgt Ion:117 Resp: 546276
Ion Ratio Lower Upper
117 100
82 56.3 42.8 64.2
119 31.9 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: VY021782.D
Acq: 04 Apr 2025 13:50

Tgt Ion:152 Resp: 230456
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 156.6 0.0 348.4

