

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022656.D
 Acq On : 11 Jun 2025 12:01
 Operator : SY/MD
 Sample : Q2259-03
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-37-060525

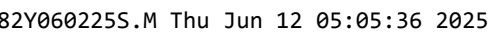
Quant Time: Jun 12 05:05:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

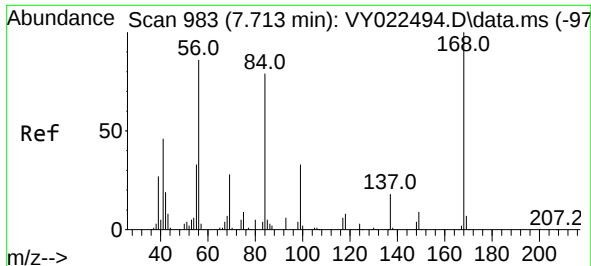
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	170907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	317360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90784	47.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.980%
35) Dibromofluoromethane	7.634	113	94225	49.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.109	98	379249	49.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.408	95	90236	39.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.140%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	449	1.157	ug/l #	45
31) Cyclohexane	7.707	56	5163	1.406	ug/l #	16
36) 1,1-Dichloropropene	7.701	75	15152	4.928	ug/l #	52
38) Carbon Tetrachloride	7.707	117	18465	5.855	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	53852	54.418	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	53852	131.417	ug/l #	10

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

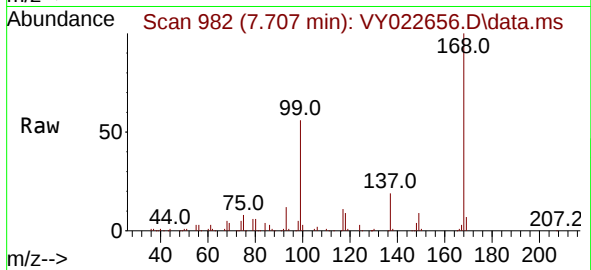
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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
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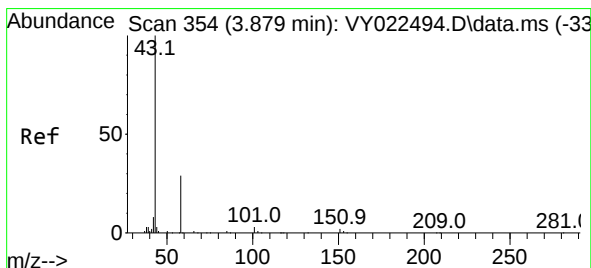
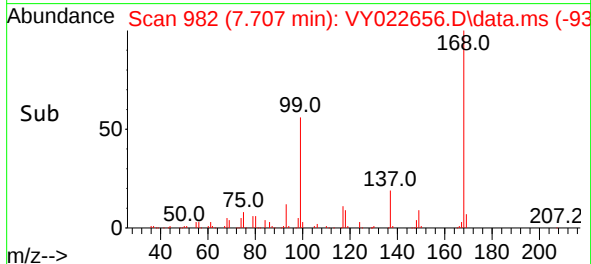
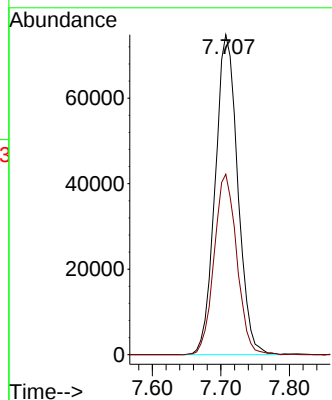


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-37-060525

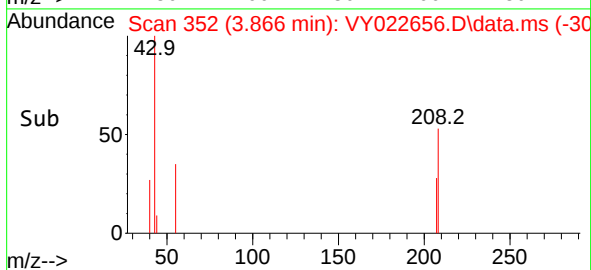
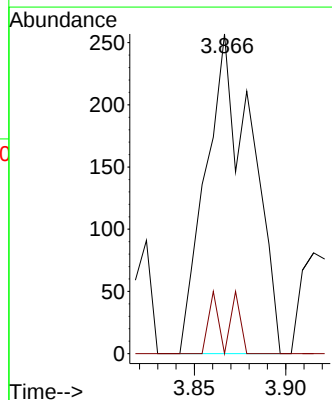
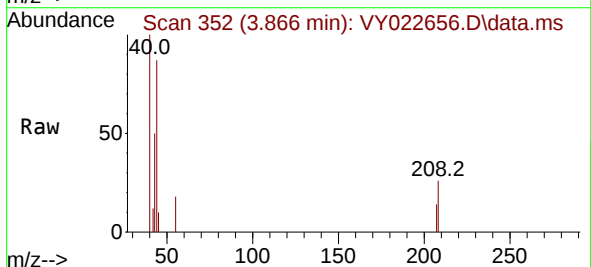


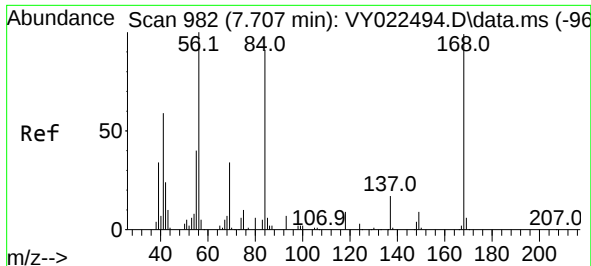
Tgt Ion:168 Resp: 170907
Ion Ratio Lower Upper
168 100
99 56.4 44.3 66.5



#16
Acetone
Concen: 1.157 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

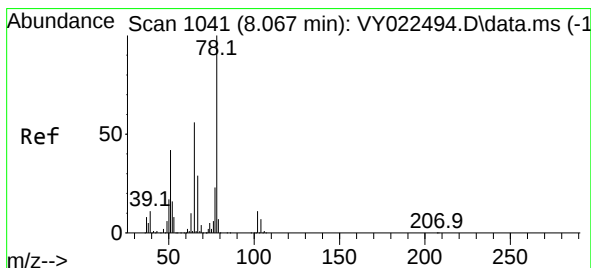
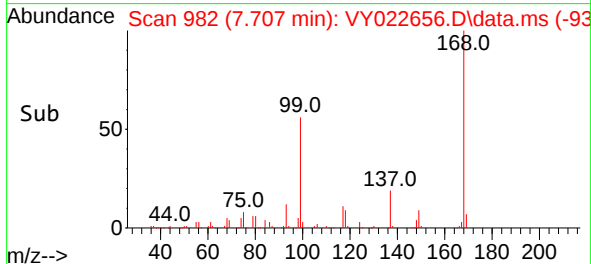
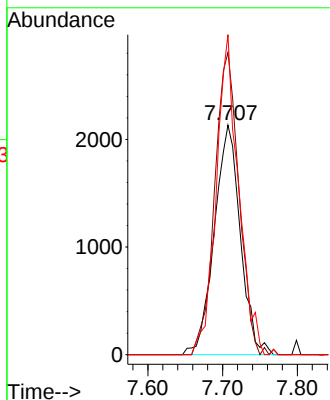
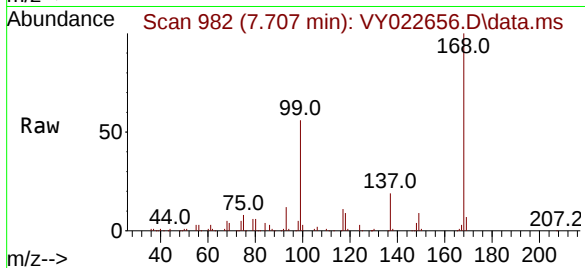




#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

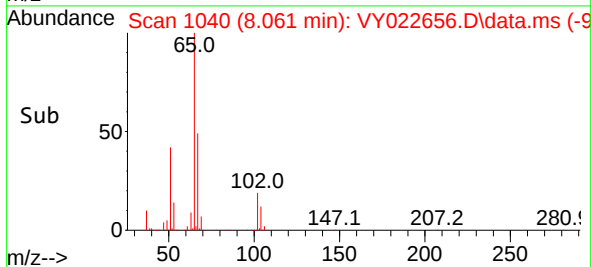
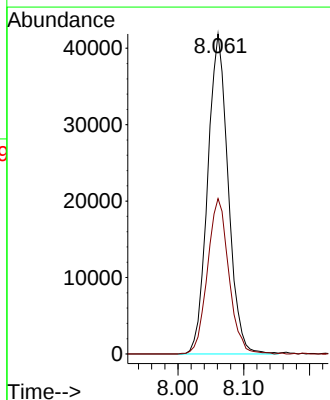
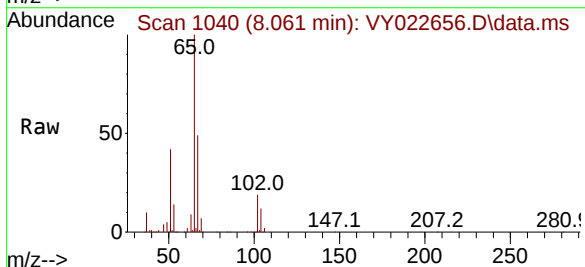
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MSVOA_Y
ClientSampleId :
OU4-PCS-TC-37-060525

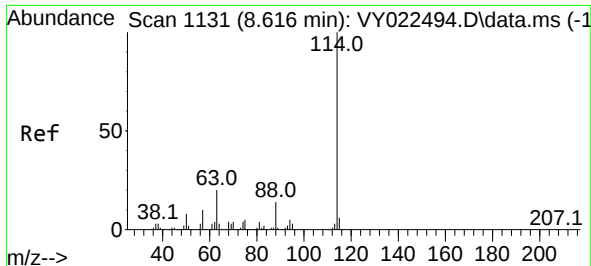
Tgt Ion: 56 Resp: 5163
Ion Ratio Lower Upper
56 100
69 131.6 27.0 40.6#
84 139.4 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 47.494 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Tgt Ion: 65 Resp: 90784
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

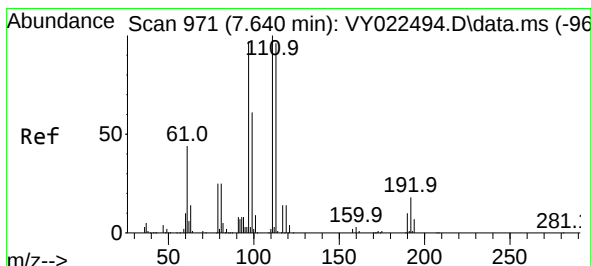
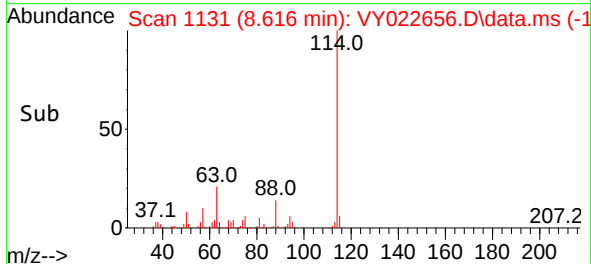
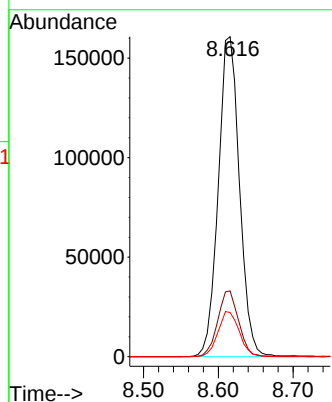
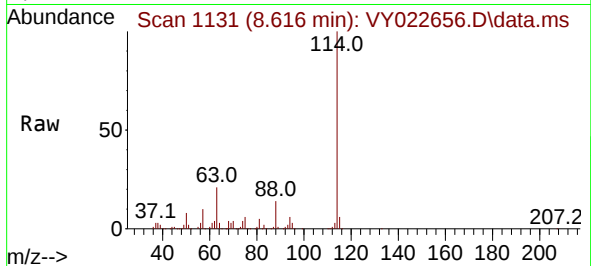




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

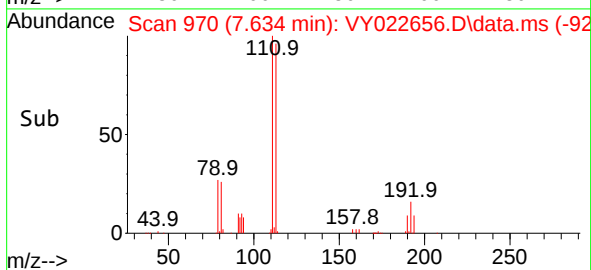
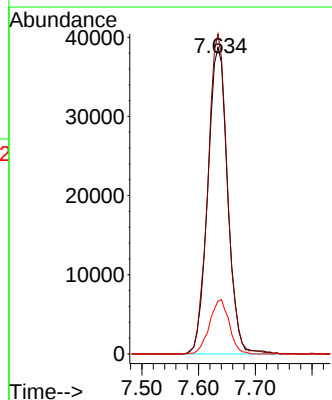
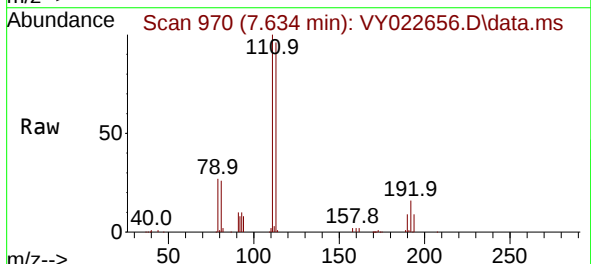
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-37-060525

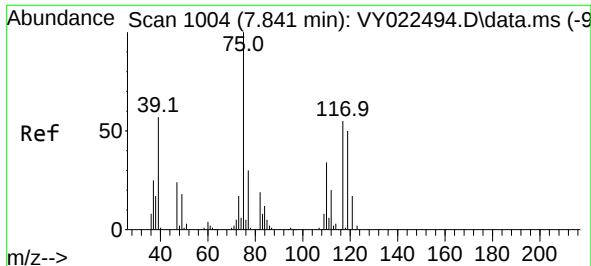
Tgt Ion:	114	Resp:	317360
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	13.8	0.0	27.8



#35
Dibromofluoromethane
Concen: 49.742 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Tgt Ion:	113	Resp:	94225
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	17.6	14.2	21.2

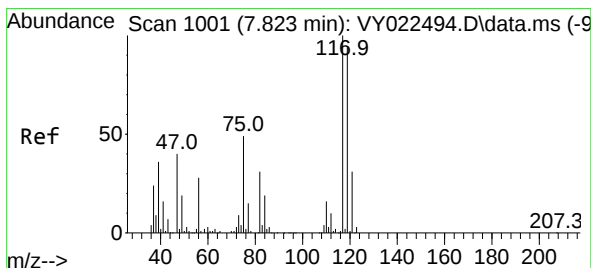
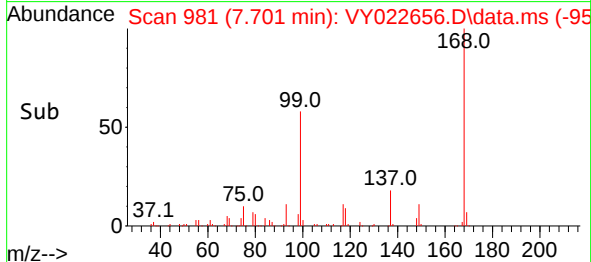
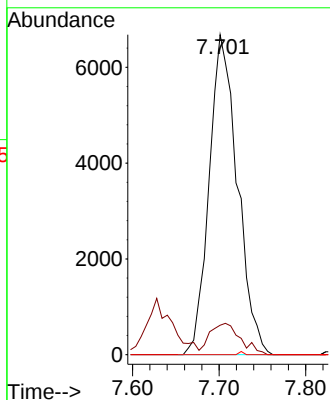
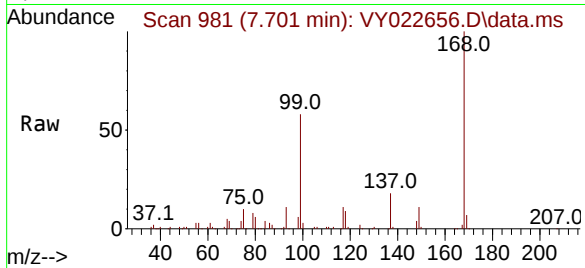




#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

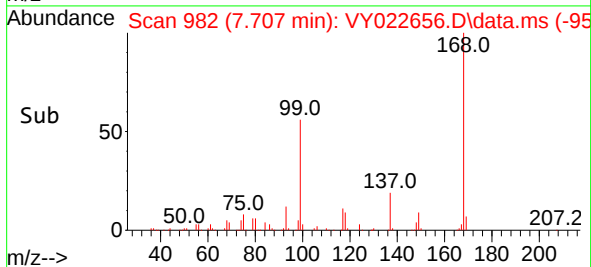
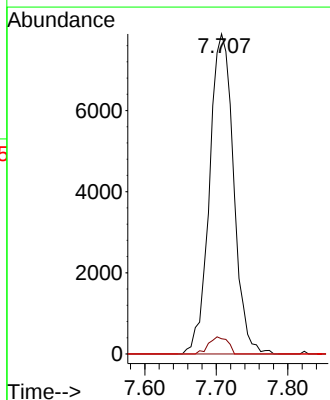
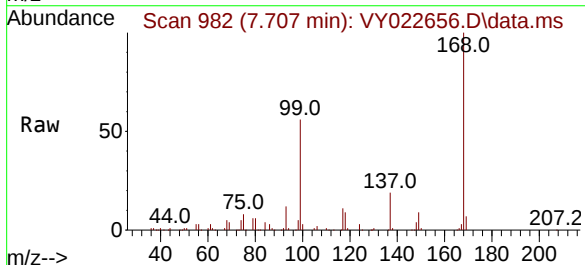
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-37-060525

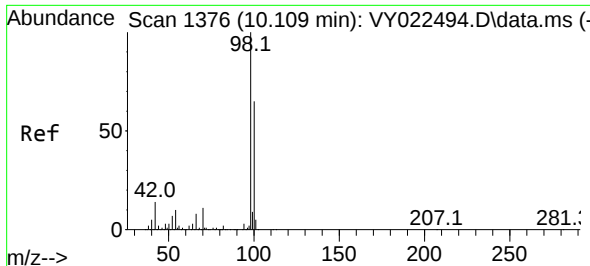
Tgt Ion: 75 Resp: 15152
Ion Ratio Lower Upper
75 100
110 10.6 16.9 50.7#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.855 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Tgt Ion: 117 Resp: 18465
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.6#
121 0.0 25.0 37.4#

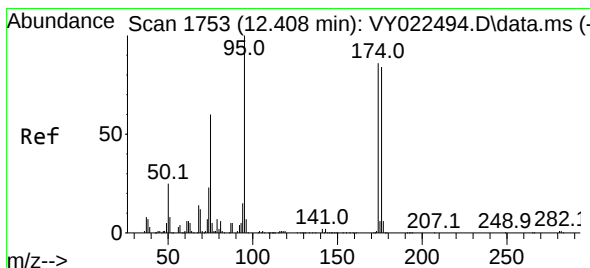
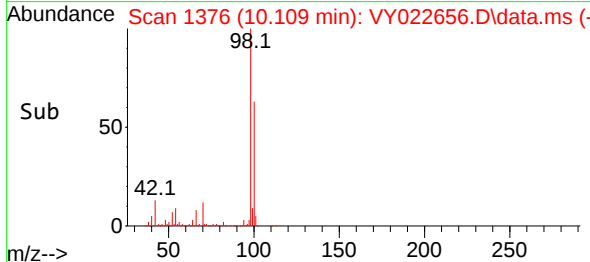
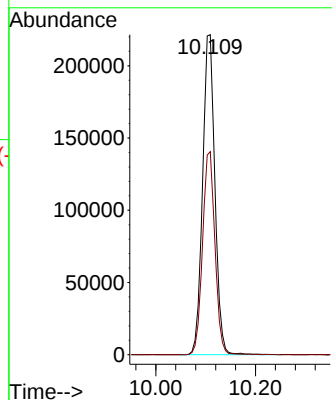
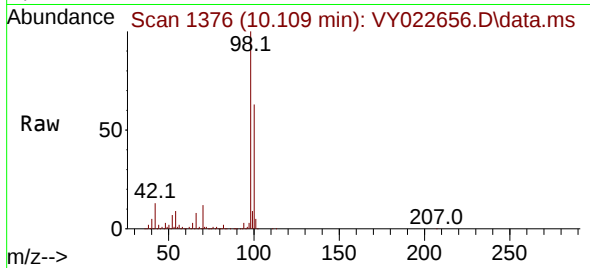




#50
Toluene-d8
Concen: 49.549 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

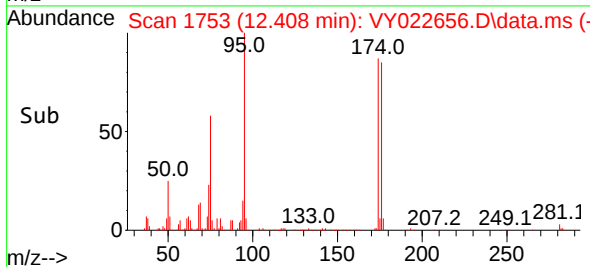
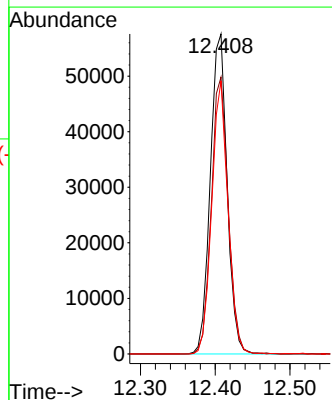
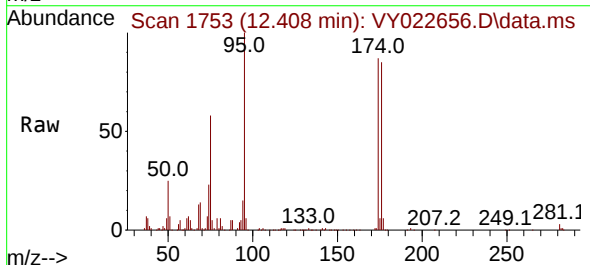
Instrument :
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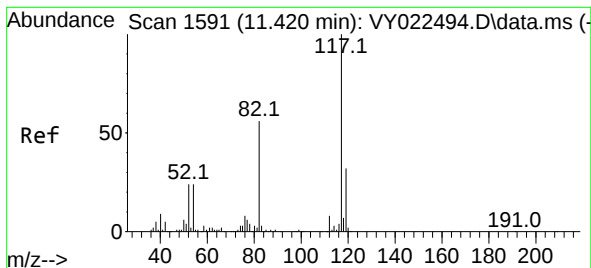
Tgt Ion: 98 Resp: 379249
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.568 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Tgt Ion: 95 Resp: 90236
Ion Ratio Lower Upper
95 100
174 87.1 0.0 170.0
176 82.6 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022656.D

Acq: 11 Jun 2025 12:01

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-37-060525

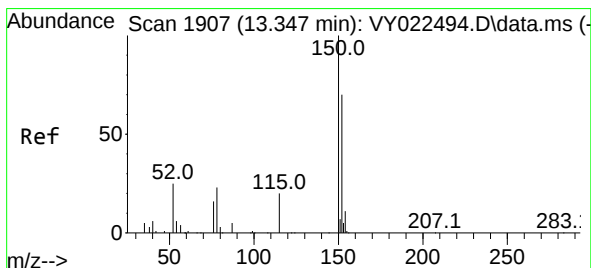
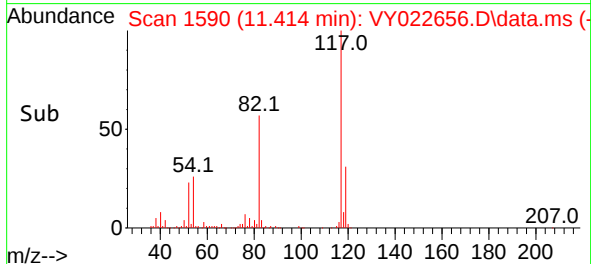
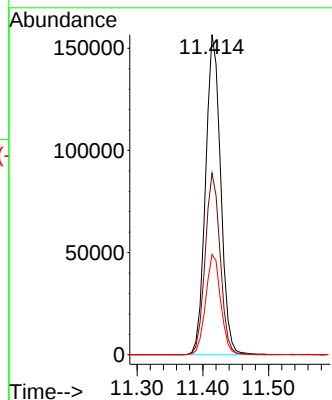
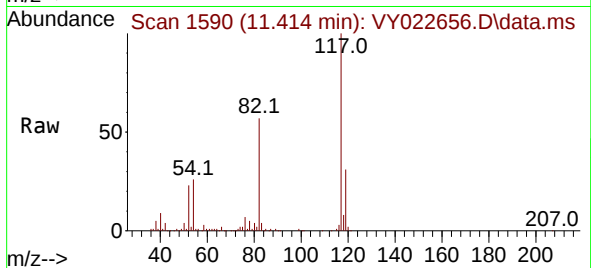
Tgt Ion:117 Resp: 249999

Ion Ratio Lower Upper

117 100

82 56.7 44.6 66.8

119 31.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022656.D

Acq: 11 Jun 2025 12:01

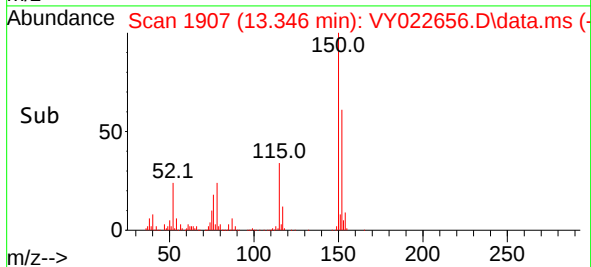
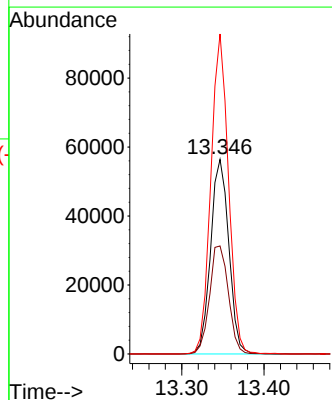
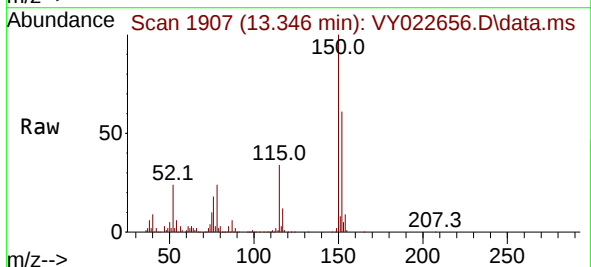
Tgt Ion:152 Resp: 86500

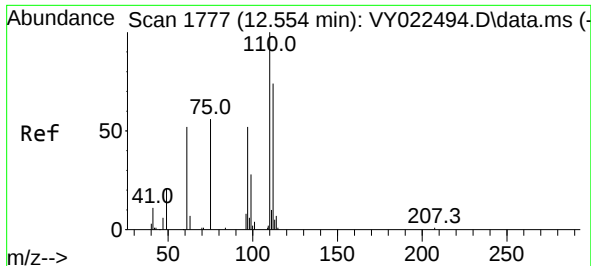
Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 158.9 0.0 349.6

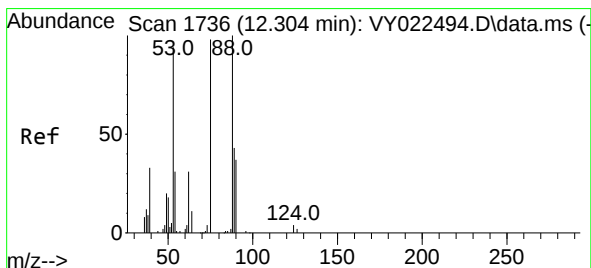
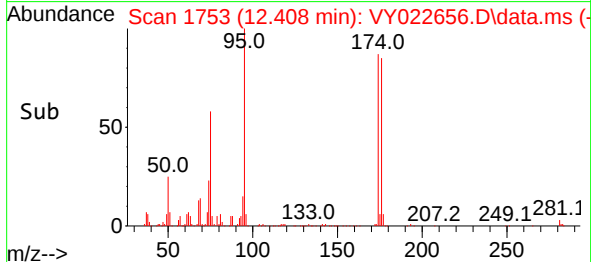
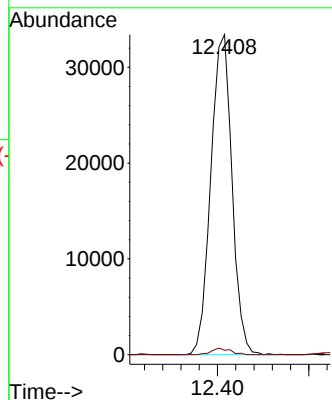
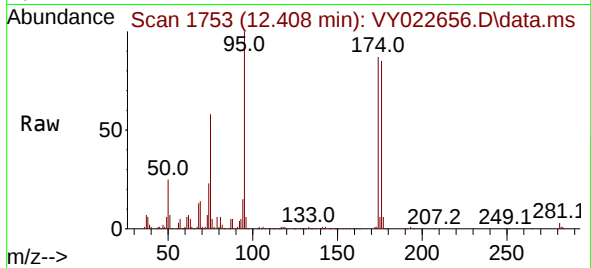




#76
1,2,3-Trichloropropane
Concen: 54.418 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Instrument :
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Tgt Ion: 75 Resp: 53852
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.417 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY022656.D
Acq: 11 Jun 2025 12:01

Tgt Ion: 75 Resp: 53852
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.0 35.7 53.5#

