

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021790.D
 Acq On : 04 Apr 2025 16:57
 Operator : SY/MD
 Sample : Q1730-19
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 04 23:41:18 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)

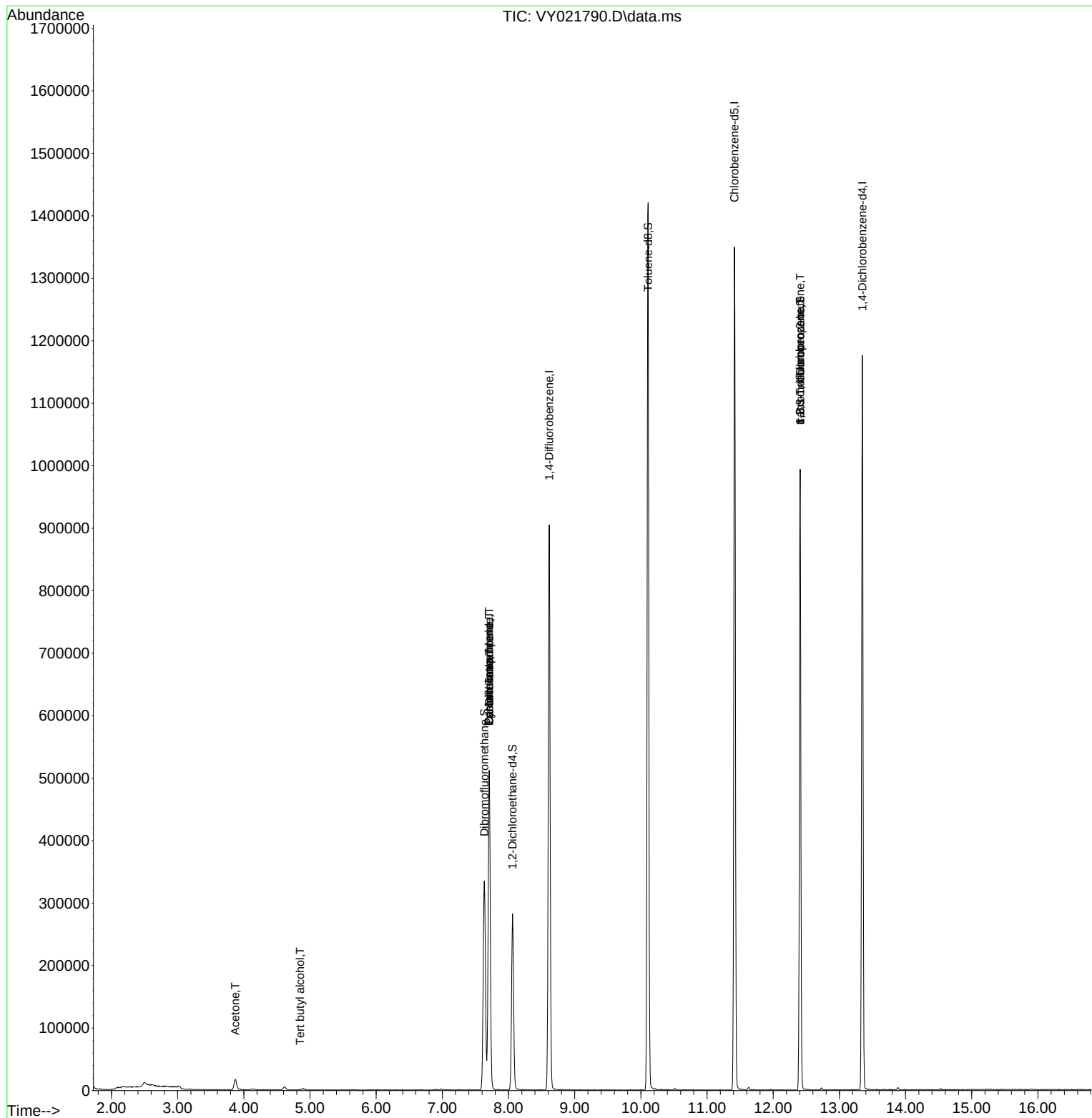
Internal Standards						
1) Pentafluorobenzene	7.707	168	381407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	735423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	681310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	283839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218626	52.905	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.800%			
35) Dibromofluoromethane	7.634	113	235248	49.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.620%			
50) Toluene-d8	10.109	98	906930	49.972	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.940%			
62) 4-Bromofluorobenzene	12.408	95	295321	48.108	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.220%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.848	59	772	2.876	ug/l #	83
16) Acetone	3.873	43	30571	36.147	ug/l	100
20) Methylene Chloride	4.616	84	3308	Below Cal	#	87
31) Cyclohexane	7.707	56	8390	1.150	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	31792	4.375	ug/l #	51
38) Carbon Tetrachloride	7.707	117	38881	4.672	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	157026	55.810	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	157026	128.596	ug/l #	12

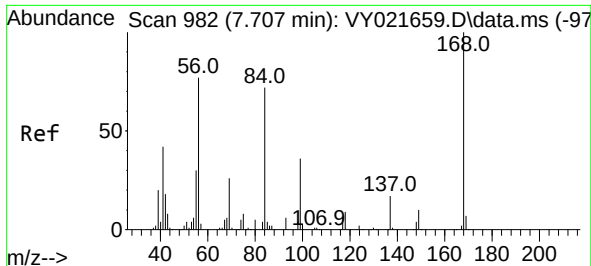
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
Data File : VY021790.D
Acq On : 04 Apr 2025 16:57
Operator : SY/MD
Sample : Q1730-19
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 04 23:41:18 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

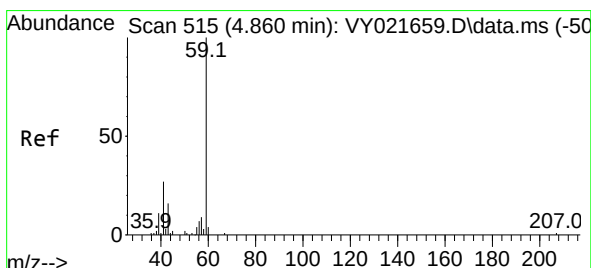
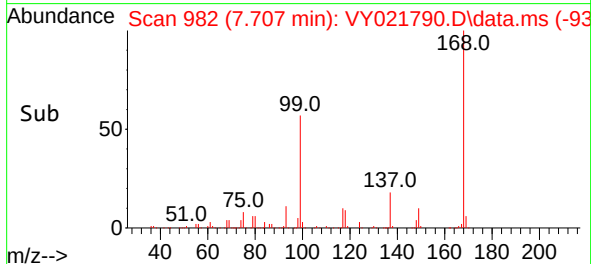
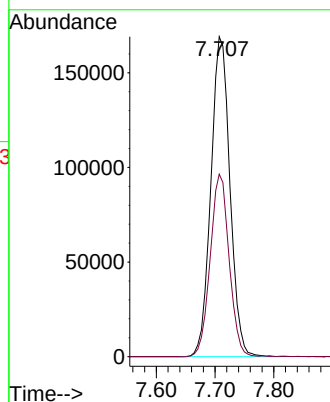
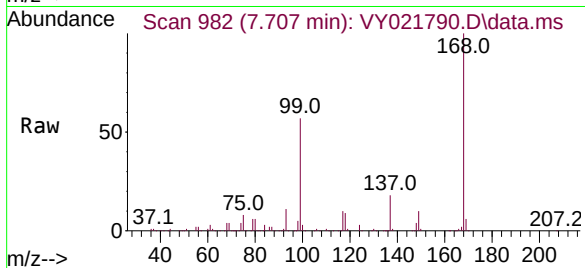




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

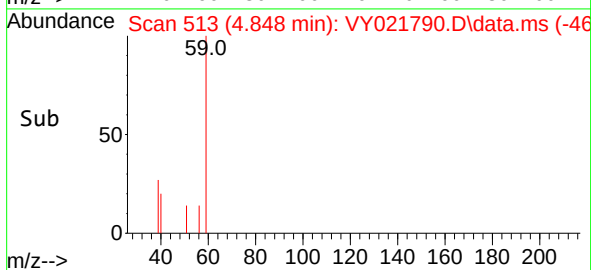
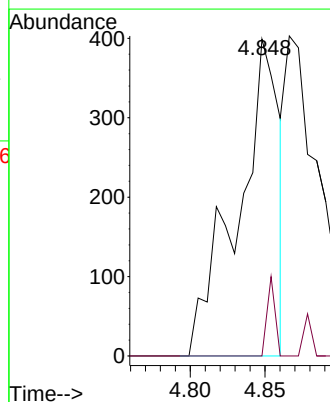
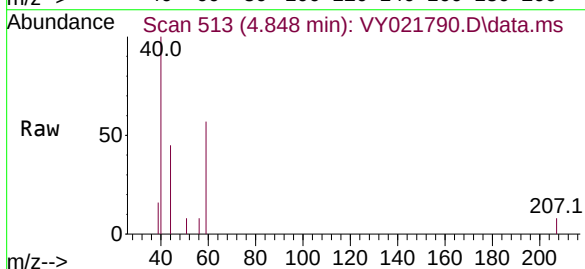
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-040325

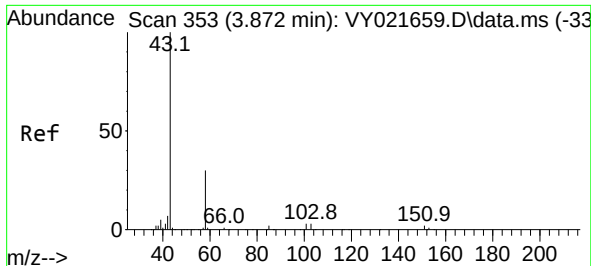
Tgt Ion:168 Resp: 381407
Ion Ratio Lower Upper
168 100
99 57.0 46.7 70.1



#11
Tert butyl alcohol
Concen: 2.876 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

Tgt Ion: 59 Resp: 772
Ion Ratio Lower Upper
59 100
57 4.8 9.2 13.8#





#16

Acetone

Concen: 36.147 ug/l

RT: 3.873 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY021790.D

Acq: 04 Apr 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

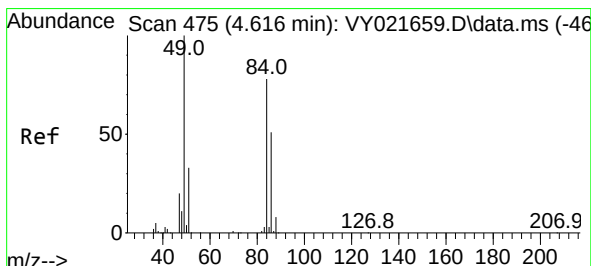
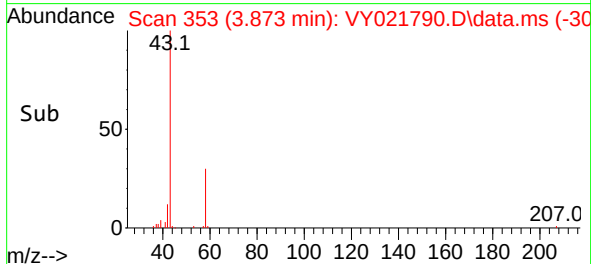
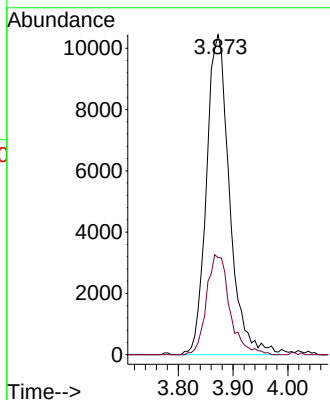
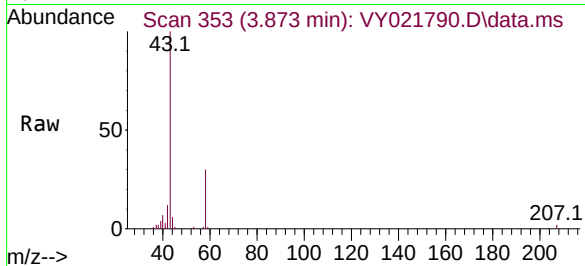
OU4-CF-15-040325

Tgt Ion: 43 Resp: 30571

Ion Ratio Lower Upper

43 100

58 30.3 24.2 36.4



#20

Methylene Chloride

Concen: Below Cal

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021790.D

Acq: 04 Apr 2025 16:57

Tgt Ion: 84 Resp: 3308

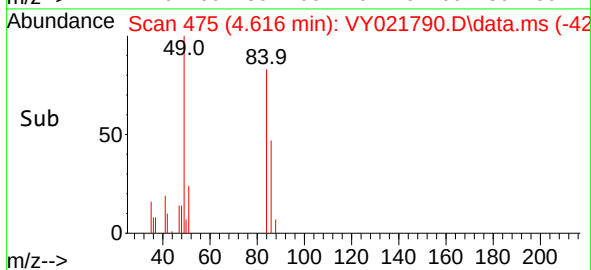
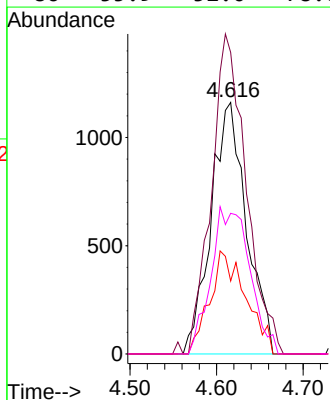
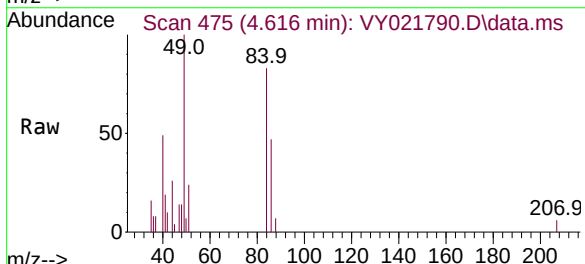
Ion Ratio Lower Upper

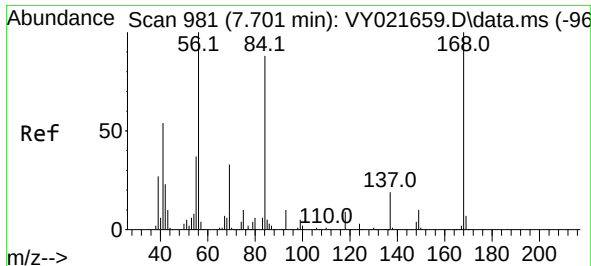
84 100

49 115.3 102.8 154.2

51 29.0 33.5 50.3#

86 55.9 52.0 78.0

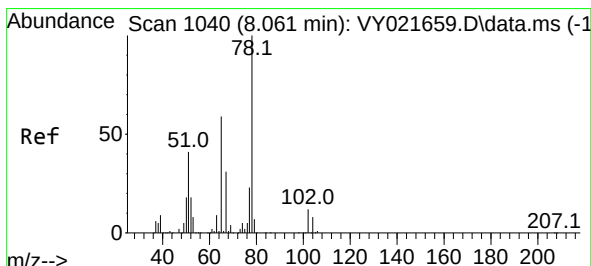
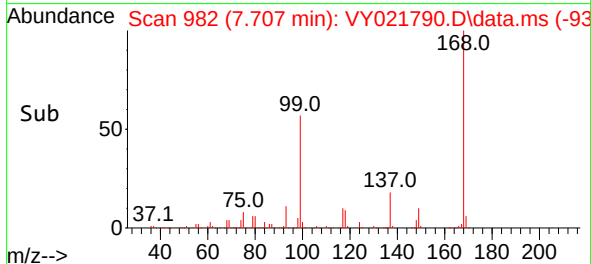
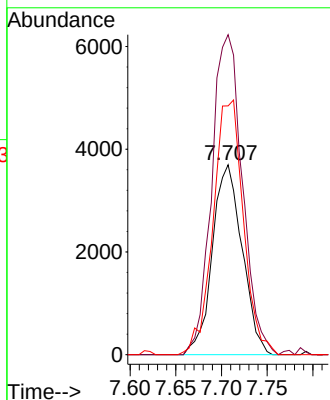
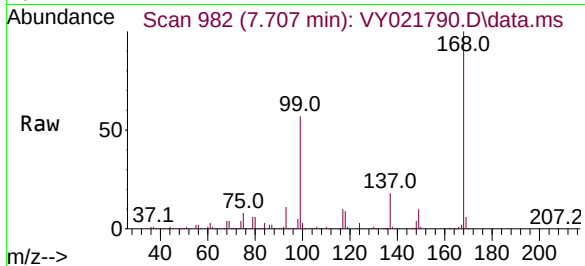




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

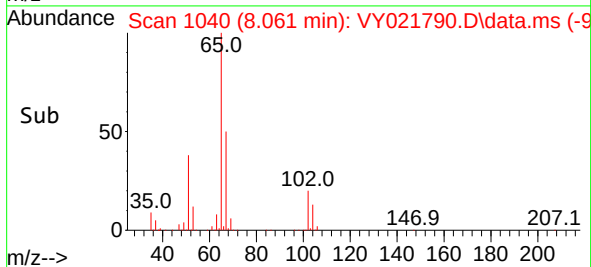
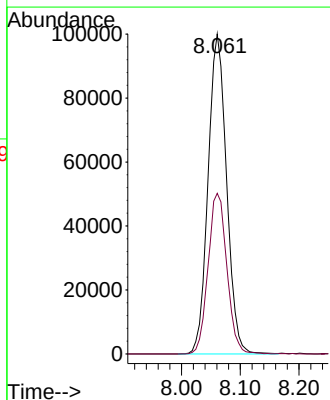
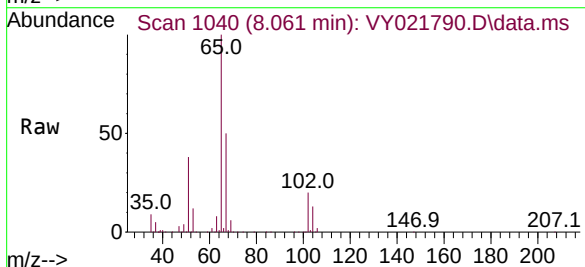
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-040325

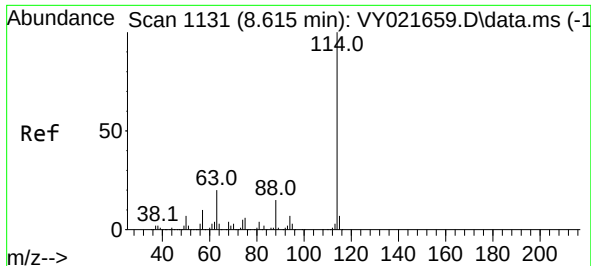
Tgt Ion: 56 Resp: 8390
Ion Ratio Lower Upper
56 100
69 168.5 26.6 40.0#
84 131.0 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 52.905 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

Tgt Ion: 65 Resp: 218626
Ion Ratio Lower Upper
65 100
67 51.1 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: VY021790.D

Acq: 04 Apr 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-15-040325

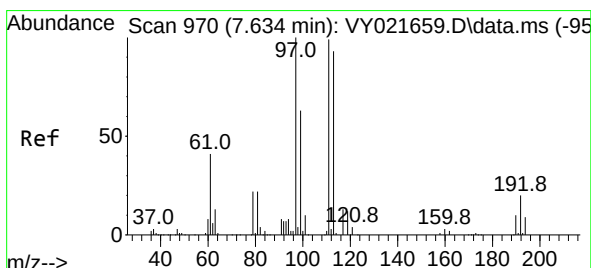
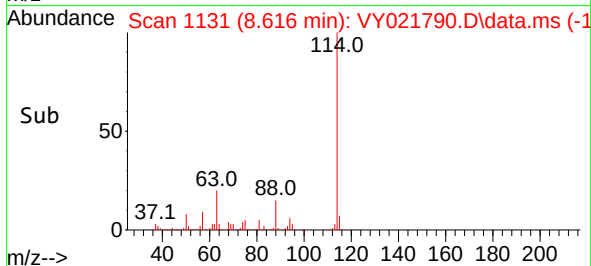
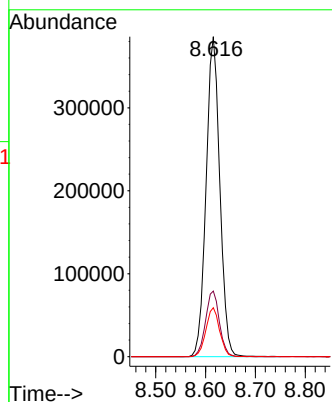
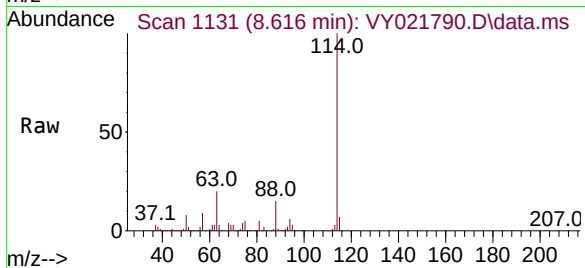
Tgt Ion:114 Resp: 735423

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 15.3 0.0 29.8



#35

Dibromofluoromethane

Concen: 49.312 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021790.D

Acq: 04 Apr 2025 16:57

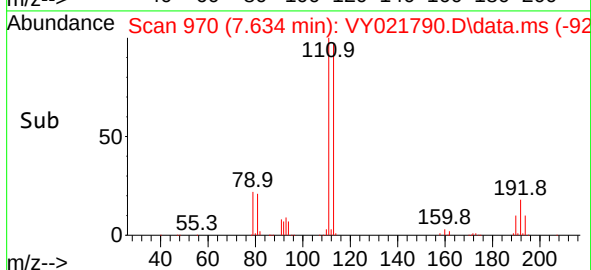
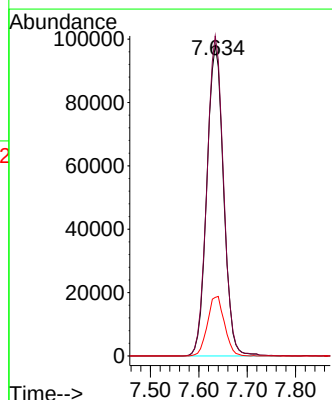
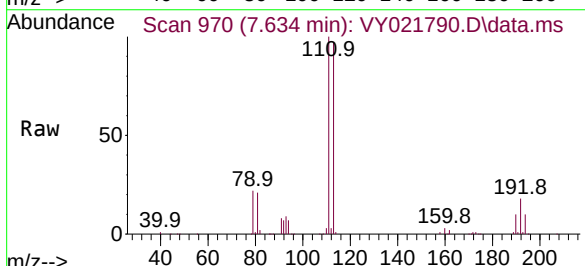
Tgt Ion:113 Resp: 235248

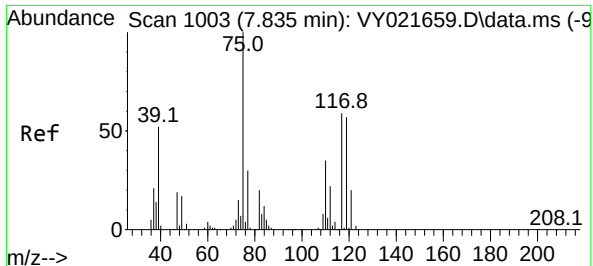
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 19.5 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.375 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021790.D

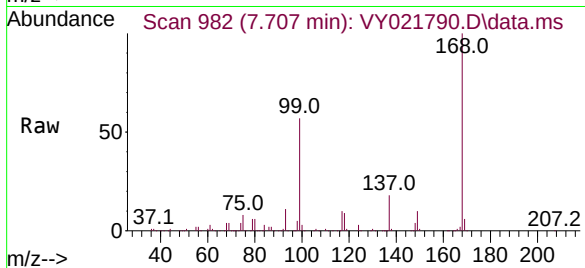
Acq: 04 Apr 2025 16:57

Instrument :

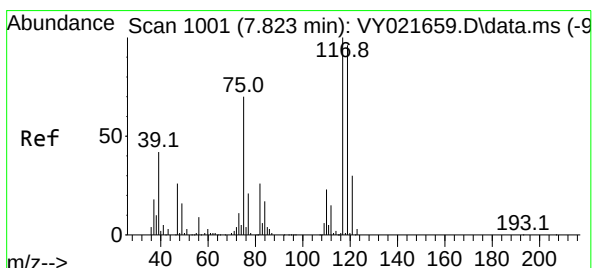
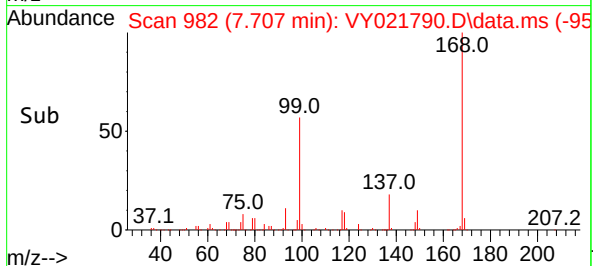
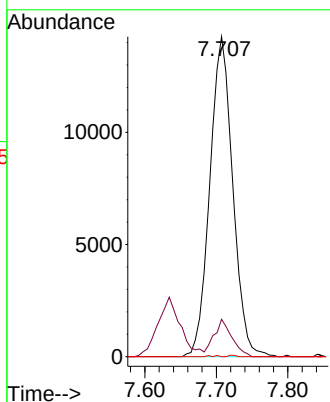
MSVOA_Y

ClientSampleId :

OU4-CF-15-040325



Tgt Ion:	75	Resp:	31792
Ion Ratio	Lower	Upper	
75	100		
110	9.1	17.0	50.9#
77	0.1	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 4.672 ug/l

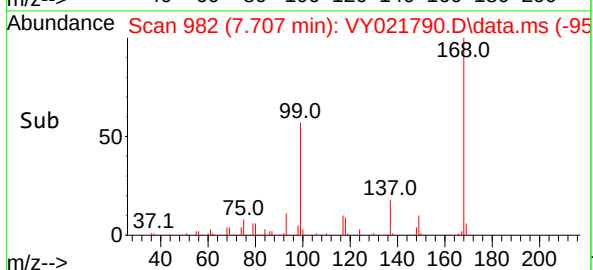
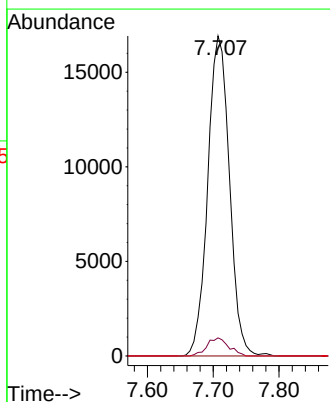
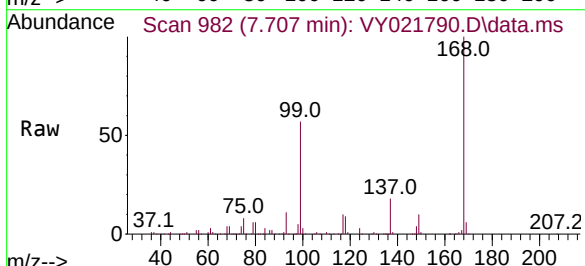
RT: 7.707 min Scan# 982

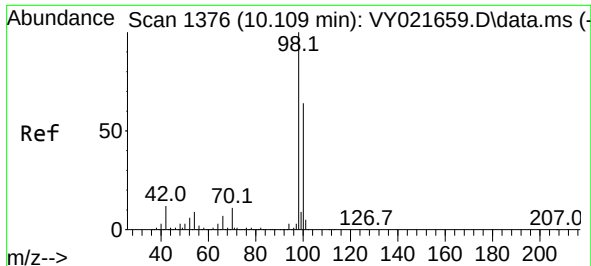
Delta R.T. -0.116 min

Lab File: VY021790.D

Acq: 04 Apr 2025 16:57

Tgt Ion:	117	Resp:	38881
Ion Ratio	Lower	Upper	
117	100		
119	5.7	76.2	114.4#
121	0.0	24.2	36.4#

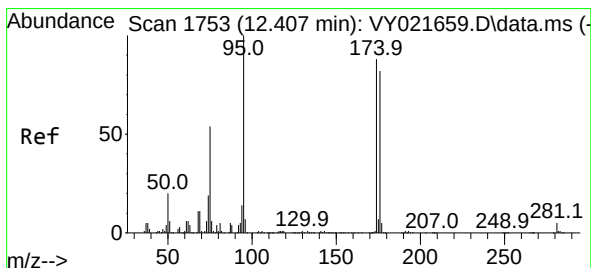
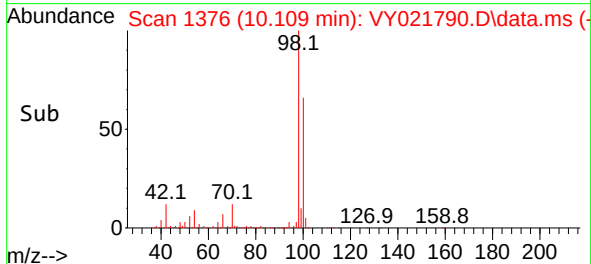
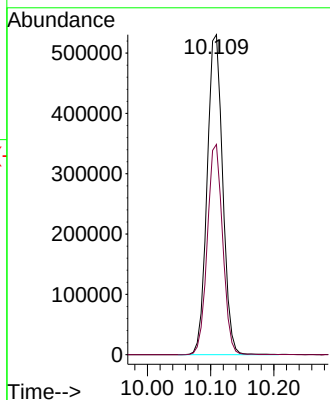
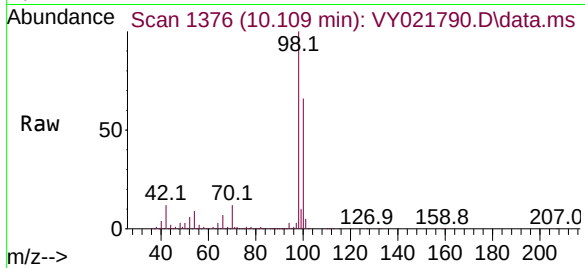




#50
Toluene-d8
Concen: 49.972 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

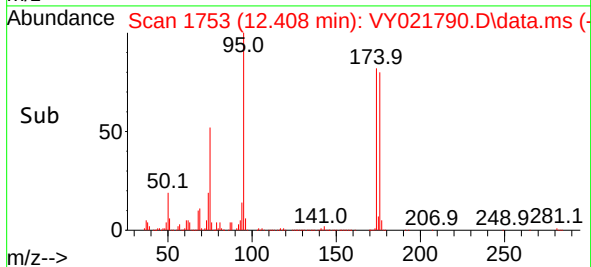
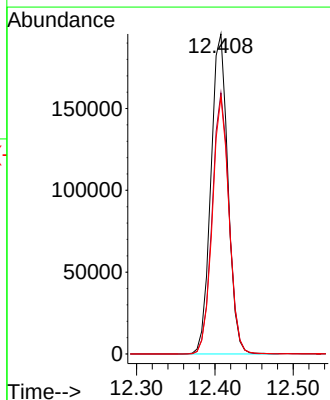
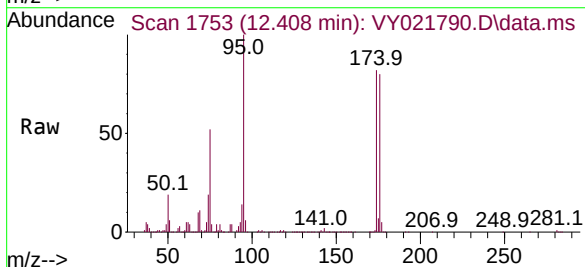
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-040325

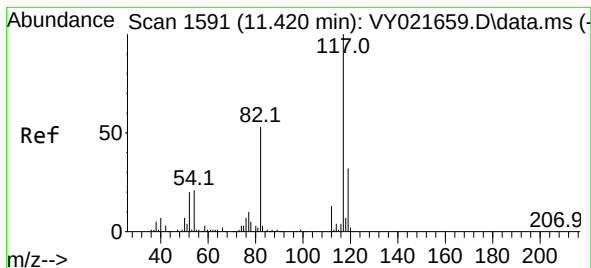
Tgt Ion: 98 Resp: 906930
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

Tgt Ion: 95 Resp: 295321
Ion Ratio Lower Upper
95 100
174 80.9 0.0 170.8
176 78.8 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: VY021790.D

Acq: 04 Apr 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-15-040325

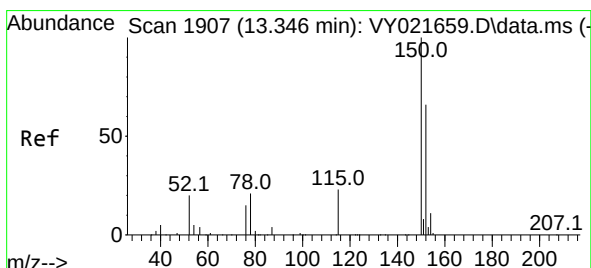
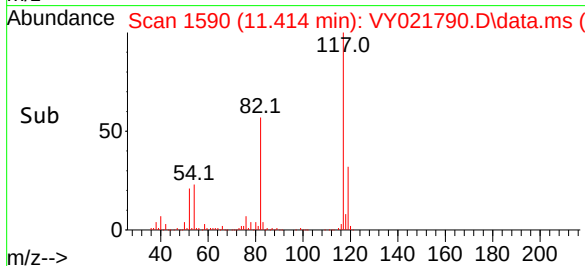
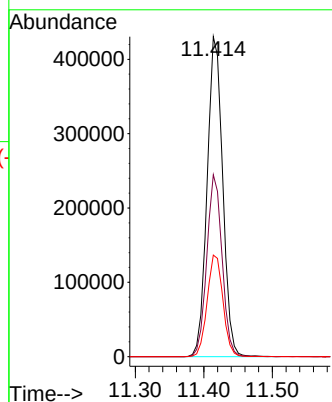
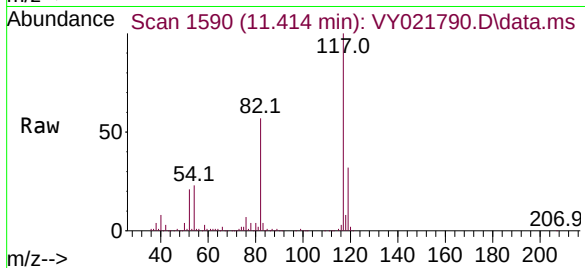
Tgt Ion:117 Resp: 681310

Ion Ratio Lower Upper

117 100

82 56.8 42.8 64.2

119 31.8 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: VY021790.D

Acq: 04 Apr 2025 16:57

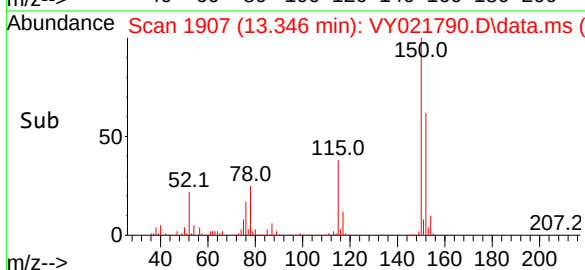
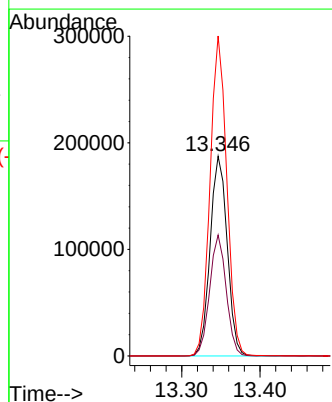
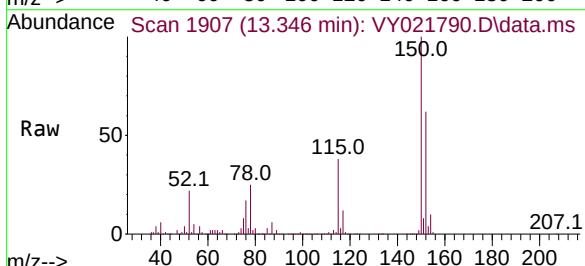
Tgt Ion:152 Resp: 283839

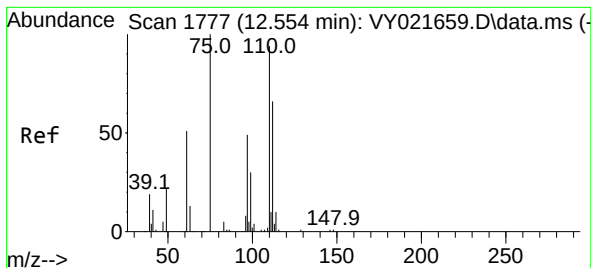
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.7 0.0 348.4

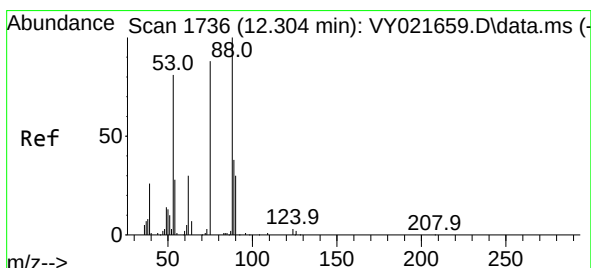
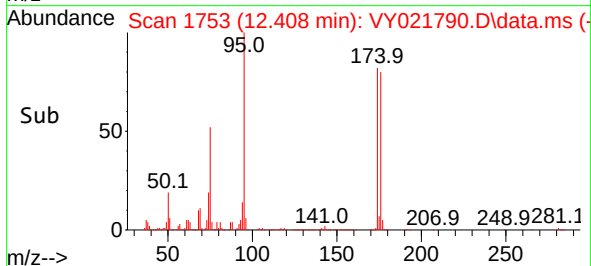
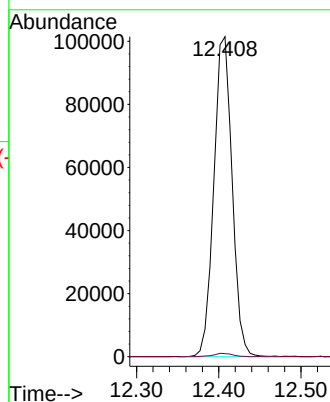
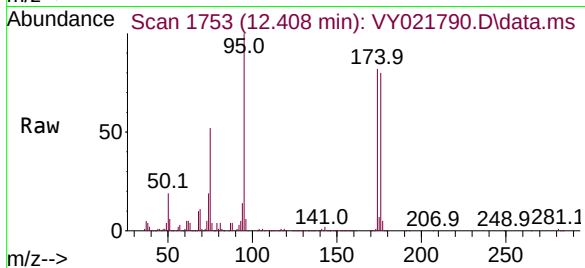




#76
1,2,3-Trichloropropane
Concen: 55.810 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

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

Tgt Ion: 75 Resp: 157026
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.596 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021790.D
Acq: 04 Apr 2025 16:57

Tgt Ion: 75 Resp: 157026
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 36.2 54.4#

