

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021798.D
 Acq On : 07 Apr 2025 15:10
 Operator : SY/MD
 Sample : Q17360-17
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-26-040325

Quant Time: Apr 08 03:33:54 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)

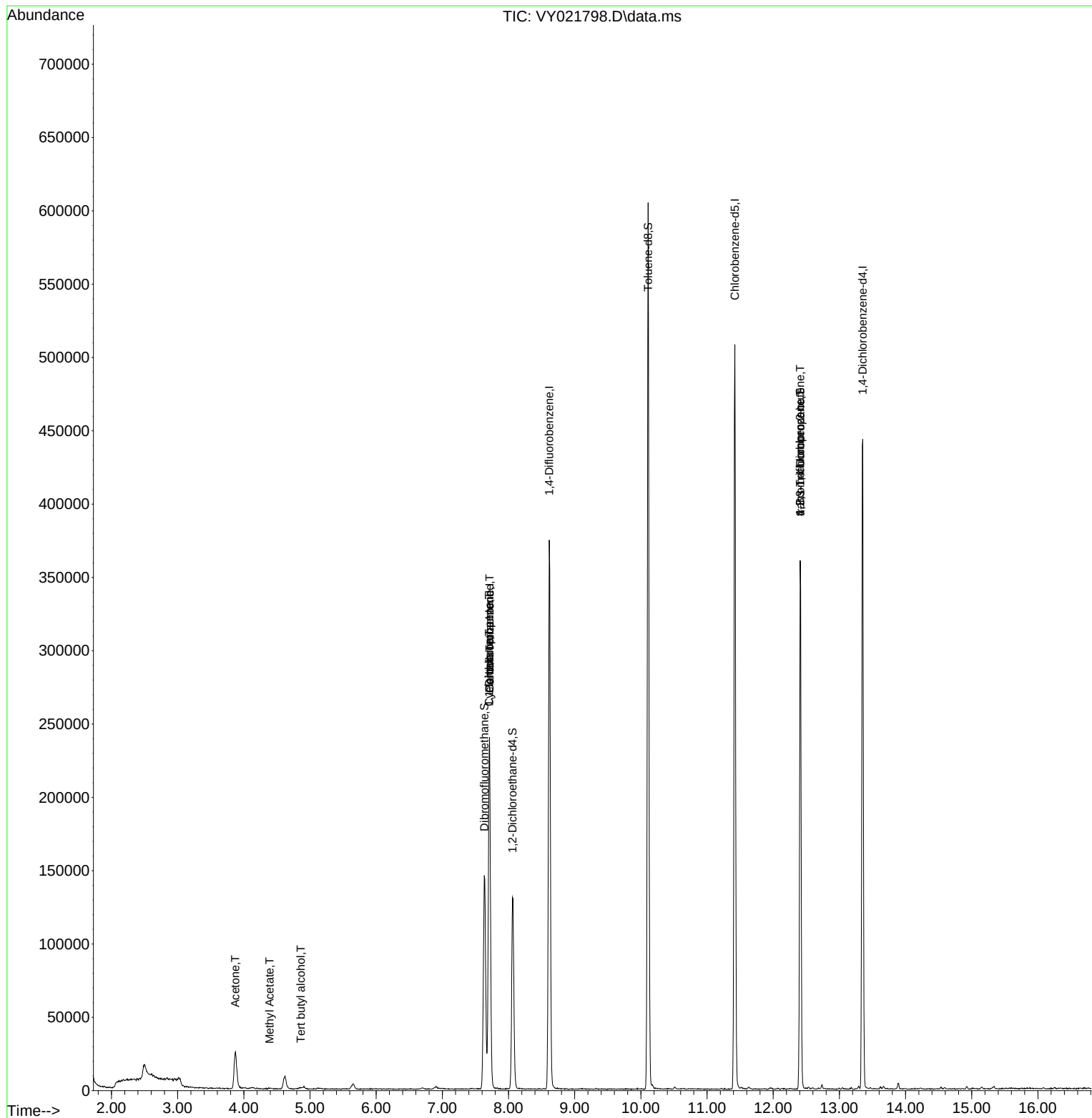
Internal Standards						
1) Pentafluorobenzene	7.713	168	178880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	307549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	258255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	113263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	107247	55.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.680%	
35) Dibromofluoromethane	7.634	113	103916	52.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.180%	
50) Toluene-d8	10.109	98	374466	49.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	12.408	95	107009	41.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	1388	11.026	ug/l #	84
16) Acetone	3.872	43	46046	116.086	ug/l	97
18) Methyl Acetate	4.391	43	1009	1.026	ug/l #	78
20) Methylene Chloride	4.622	84	6077	Below Cal		85
31) Cyclohexane	7.707	56	4373	1.278	ug/l #	22
36) 1,1-Dichloropropene	7.707	75	14592	4.802	ug/l #	51
38) Carbon Tetrachloride	7.713	117	18244	5.242	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	57855	51.531	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	57855	118.736	ug/l #	12

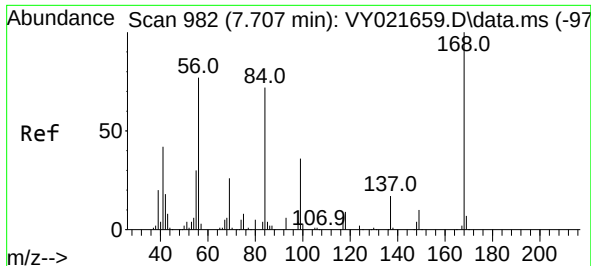
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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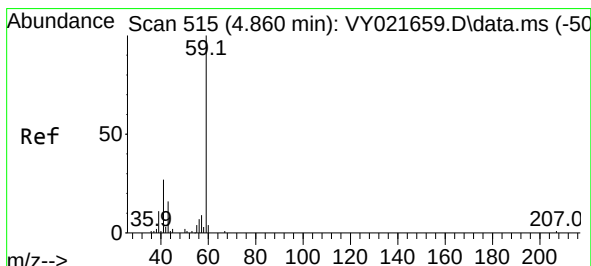
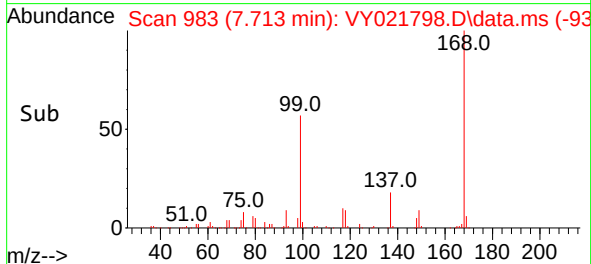
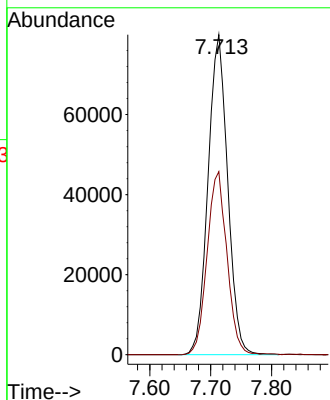
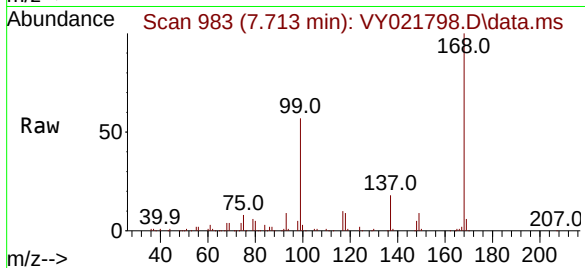




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

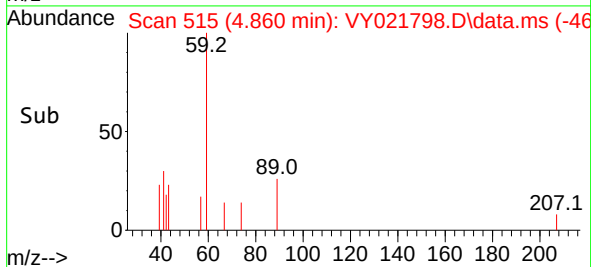
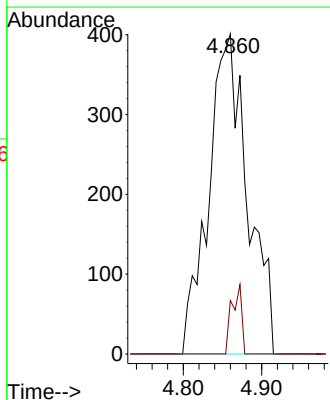
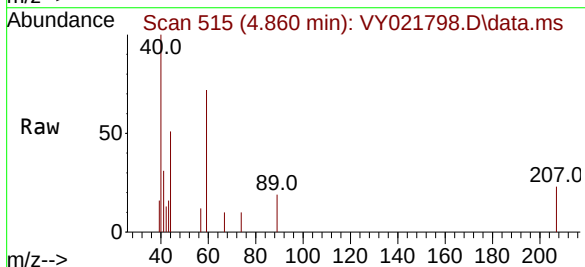
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-26-040325

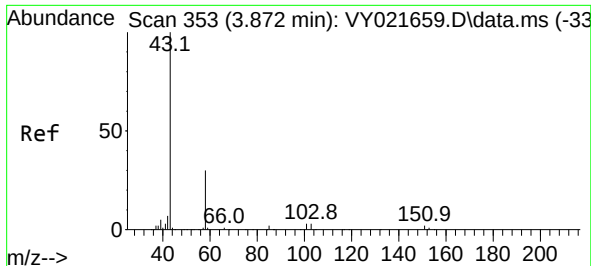
Tgt Ion:168 Resp: 178880
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#11
Tert butyl alcohol
Concen: 11.026 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Tgt Ion: 59 Resp: 1388
Ion Ratio Lower Upper
59 100
57 5.5 9.2 13.8#





#16

Acetone

Concen: 116.086 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021798.D

Acq: 07 Apr 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

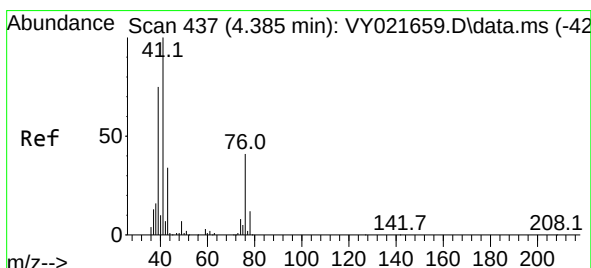
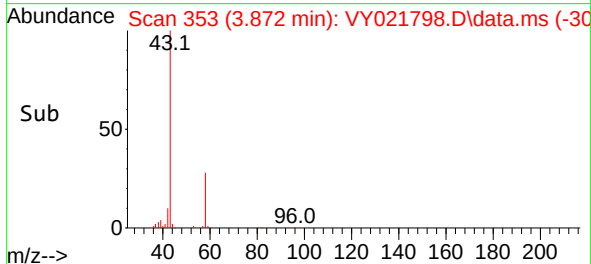
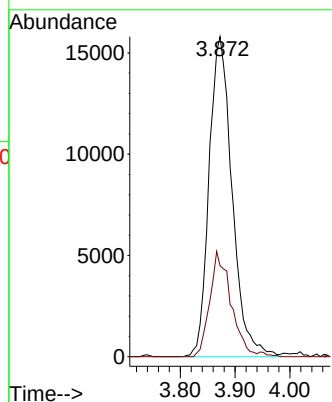
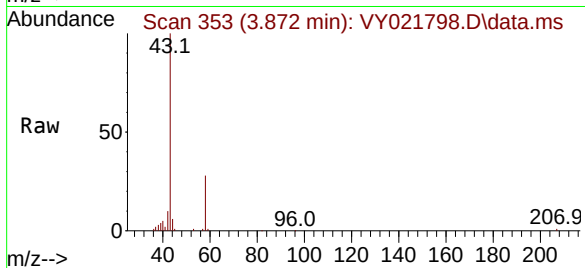
OU4-PCS-TC-26-040325

Tgt Ion: 43 Resp: 46046

Ion Ratio Lower Upper

43 100

58 28.5 24.2 36.4



#18

Methyl Acetate

Concen: 1.026 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY021798.D

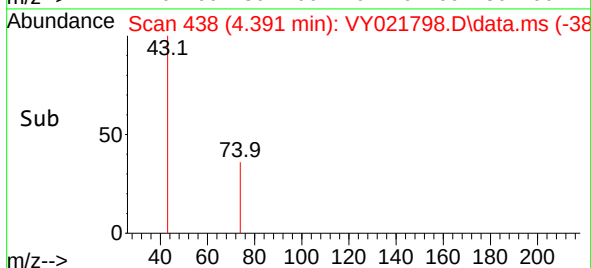
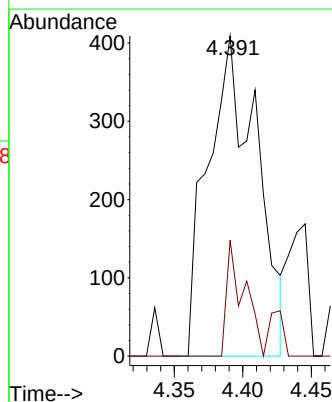
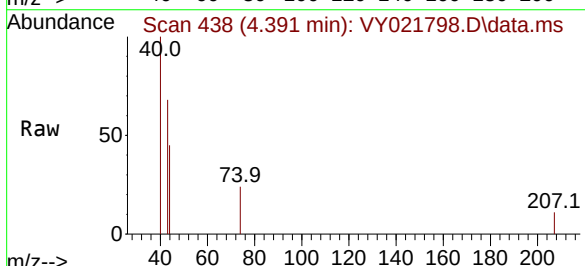
Acq: 07 Apr 2025 15:10

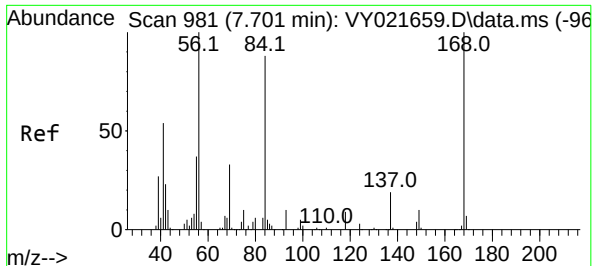
Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

74 13.1 19.1 28.7#

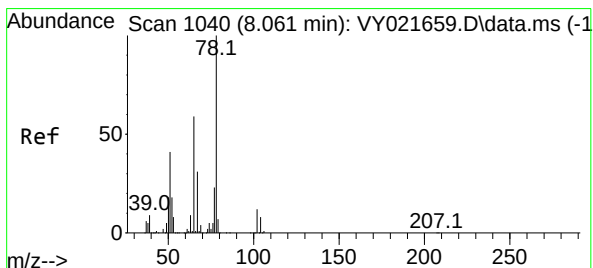
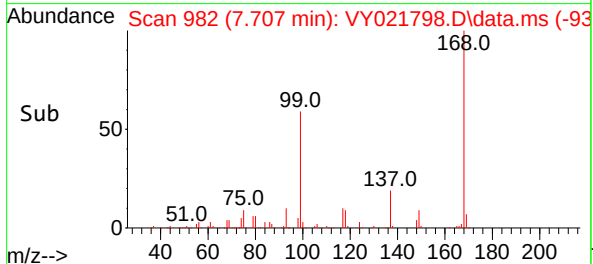
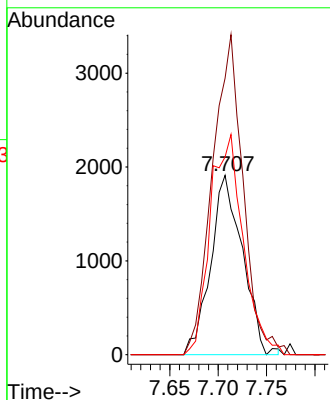
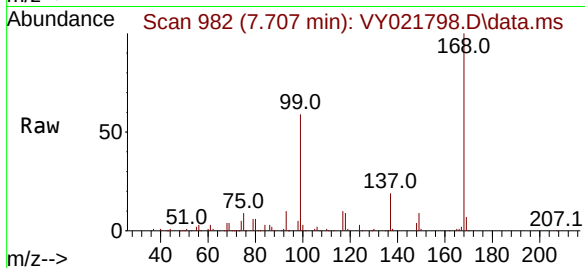




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

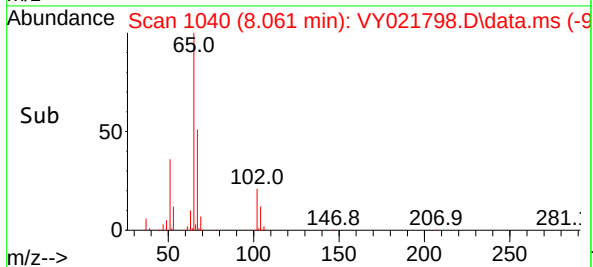
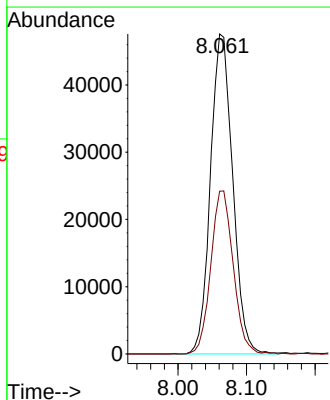
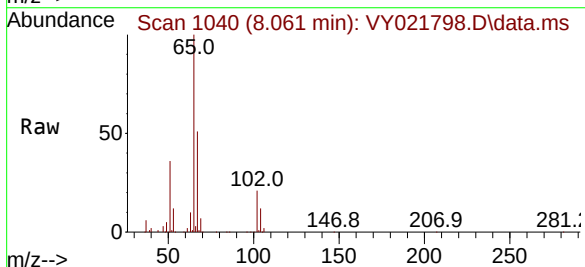
Instrument :
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OU4-PCS-TC-26-040325

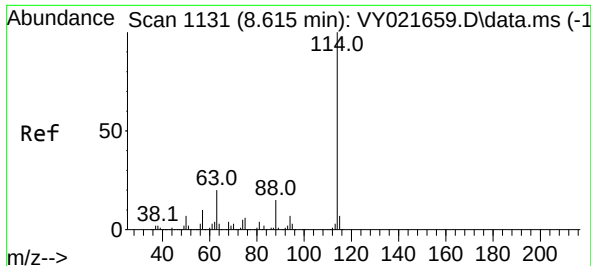
Tgt Ion: 56 Resp: 4373
Ion Ratio Lower Upper
56 100
69 154.2 26.6 40.0#
84 110.3 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 55.336 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Tgt Ion: 65 Resp: 107247
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6

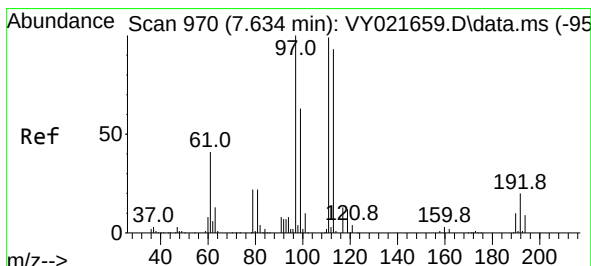
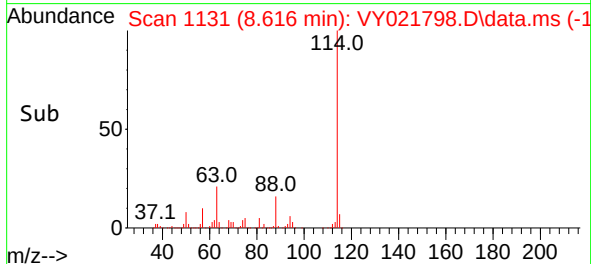
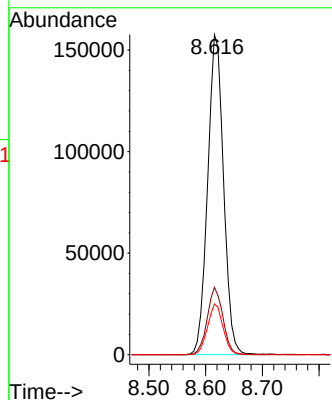
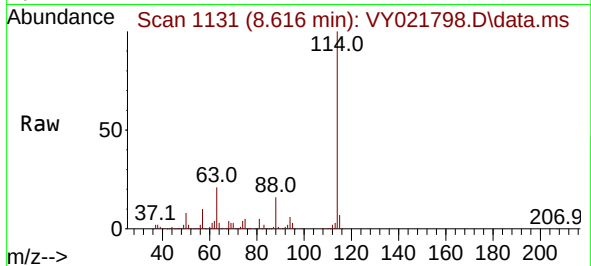




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

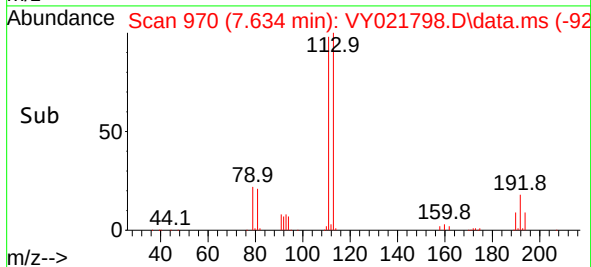
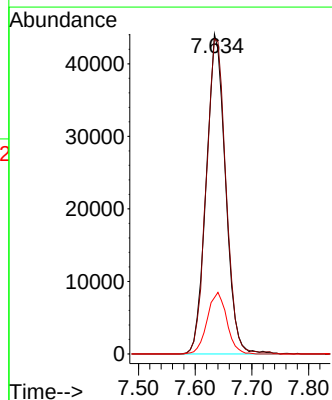
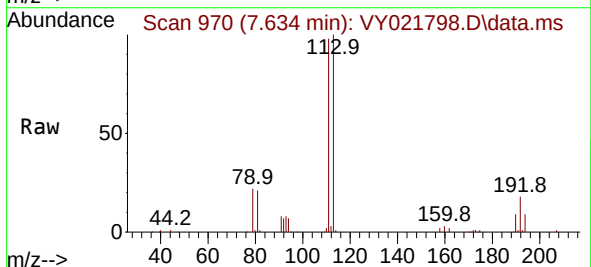
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-26-040325

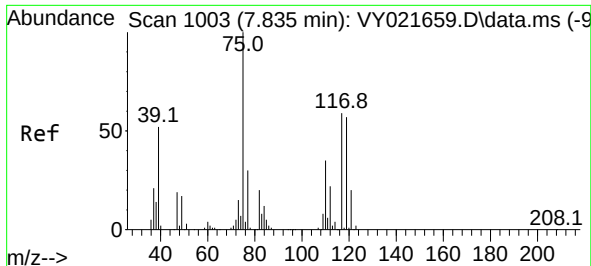
Tgt Ion:114 Resp: 307549
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.8 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.088 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Tgt Ion:113 Resp: 103916
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 19.6 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.802 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021798.D

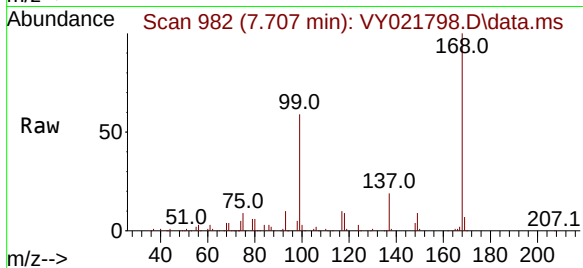
Acq: 07 Apr 2025 15:10

Instrument :

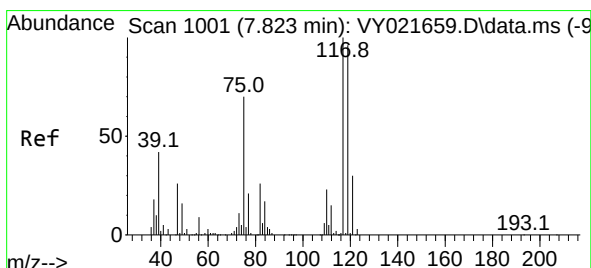
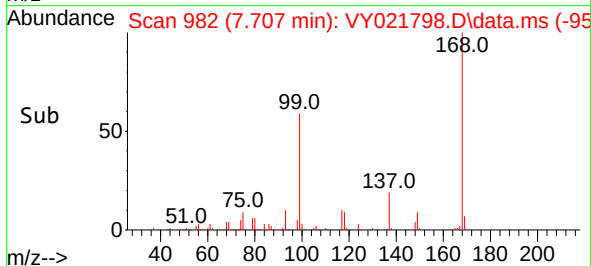
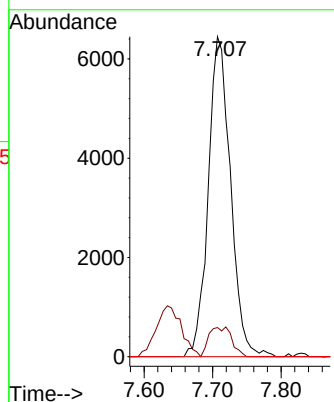
MSVOA_Y

ClientSampleId :

OU4-PCS-TC-26-040325



Tgt Ion:	75	Resp:	14592
Ion Ratio	Lower	Upper	
75	100		
110	9.5	17.0	50.9#
77	0.0	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 5.242 ug/l

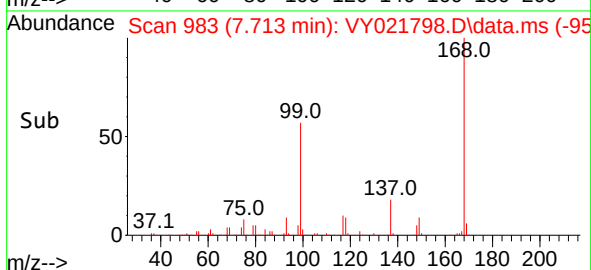
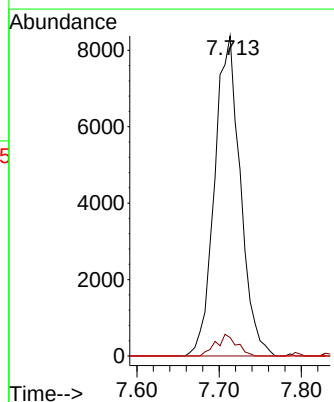
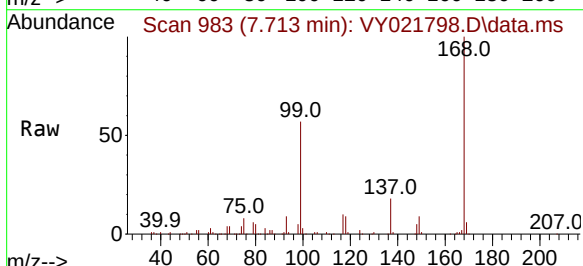
RT: 7.713 min Scan# 983

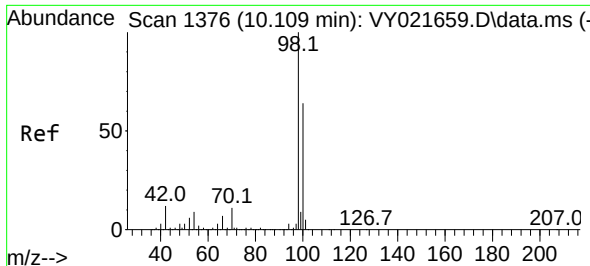
Delta R.T. -0.110 min

Lab File: VY021798.D

Acq: 07 Apr 2025 15:10

Tgt Ion:	117	Resp:	18244
Ion Ratio	Lower	Upper	
117	100		
119	5.7	76.2	114.4#
121	0.0	24.2	36.4#

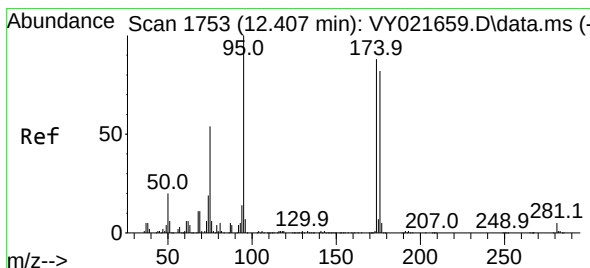
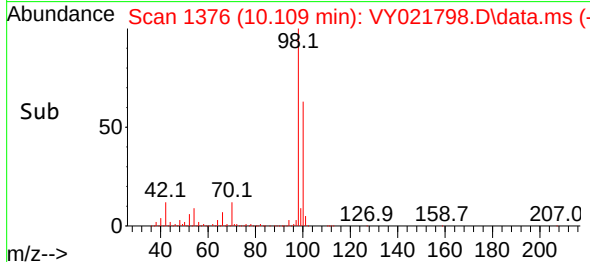
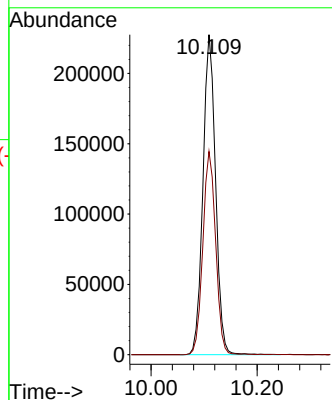
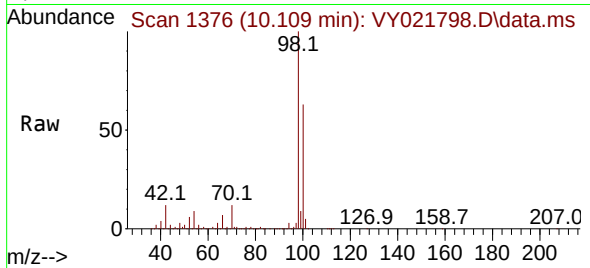




#50
Toluene-d8
Concen: 49.339 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

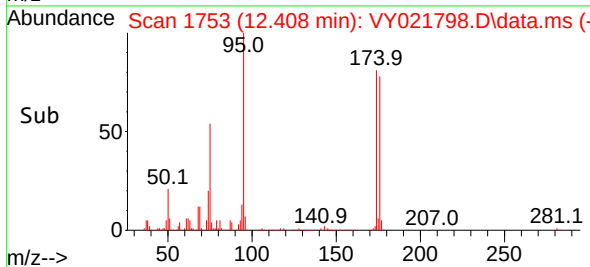
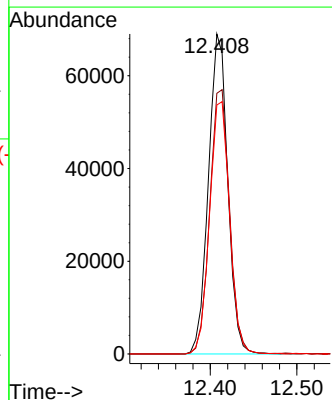
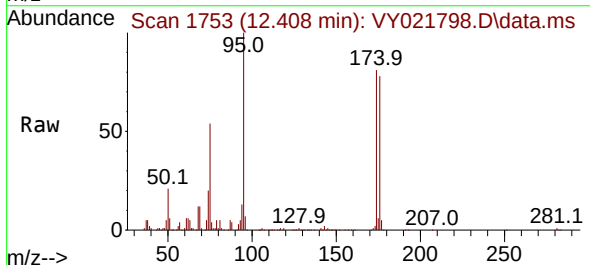
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OU4-PCS-TC-26-040325

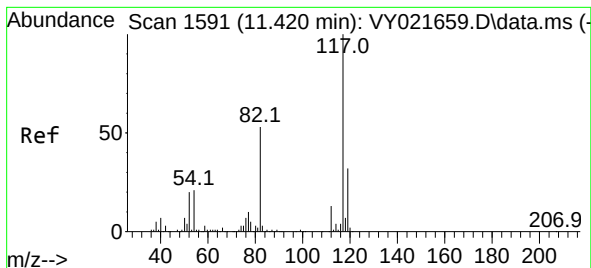
Tgt Ion: 98 Resp: 374466
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Tgt Ion: 95 Resp: 107009
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 81.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021798.D

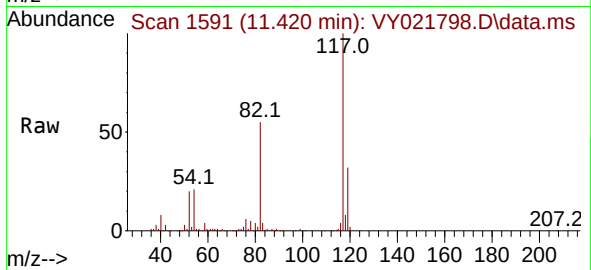
Acq: 07 Apr 2025 15:10

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-26-040325



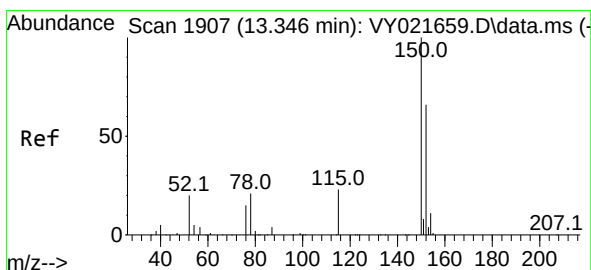
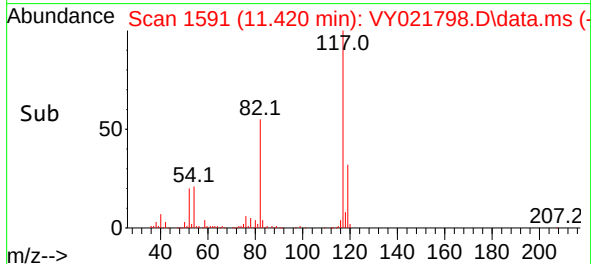
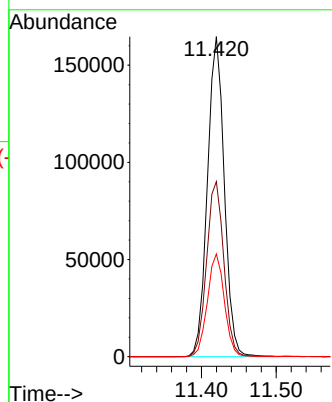
Tgt Ion:117 Resp: 258255

Ion Ratio Lower Upper

117 100

82 54.7 42.8 64.2

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021798.D

Acq: 07 Apr 2025 15:10

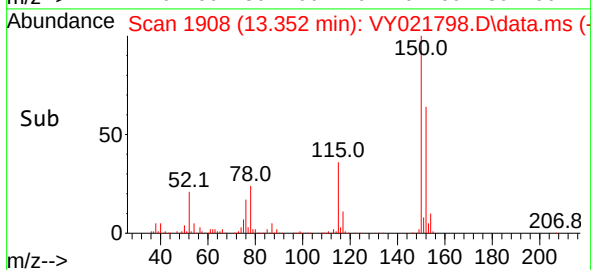
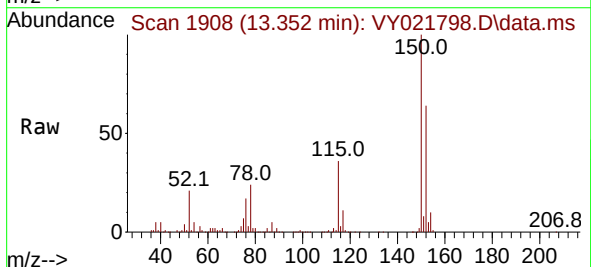
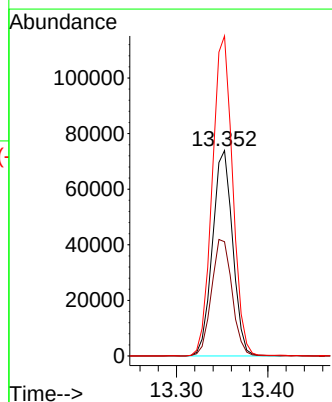
Tgt Ion:152 Resp: 113263

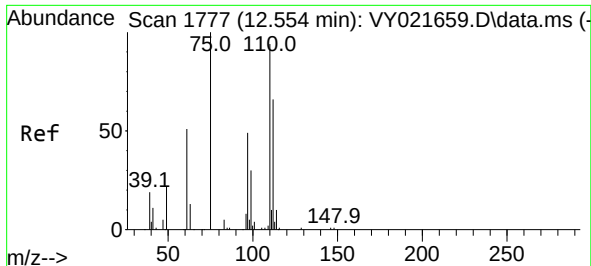
Ion Ratio Lower Upper

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115 57.9 28.8 86.5

150 157.0 0.0 348.4

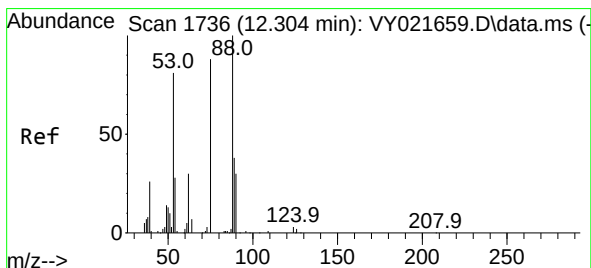
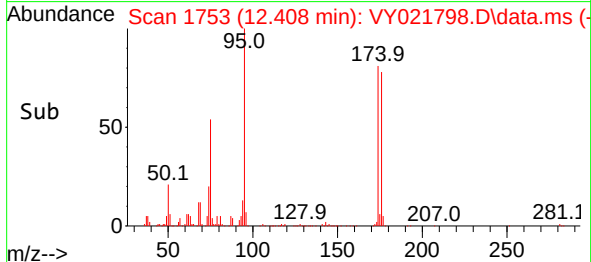
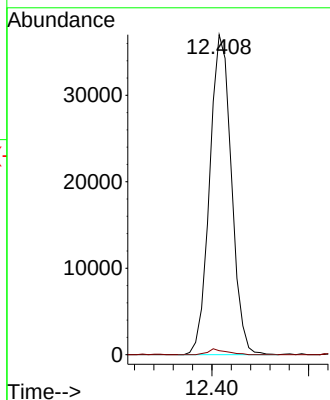
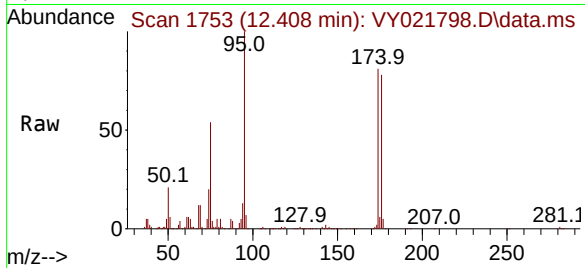




#76
1,2,3-Trichloropropane
Concen: 51.531 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-26-040325

Tgt Ion: 75 Resp: 57855
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.736 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021798.D
Acq: 07 Apr 2025 15:10

Tgt Ion: 75 Resp: 57855
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 36.2 54.4#

