

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021039.D
 Acq On : 03 Feb 2025 18:58
 Operator : SY/MD
 Sample : Q1206-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

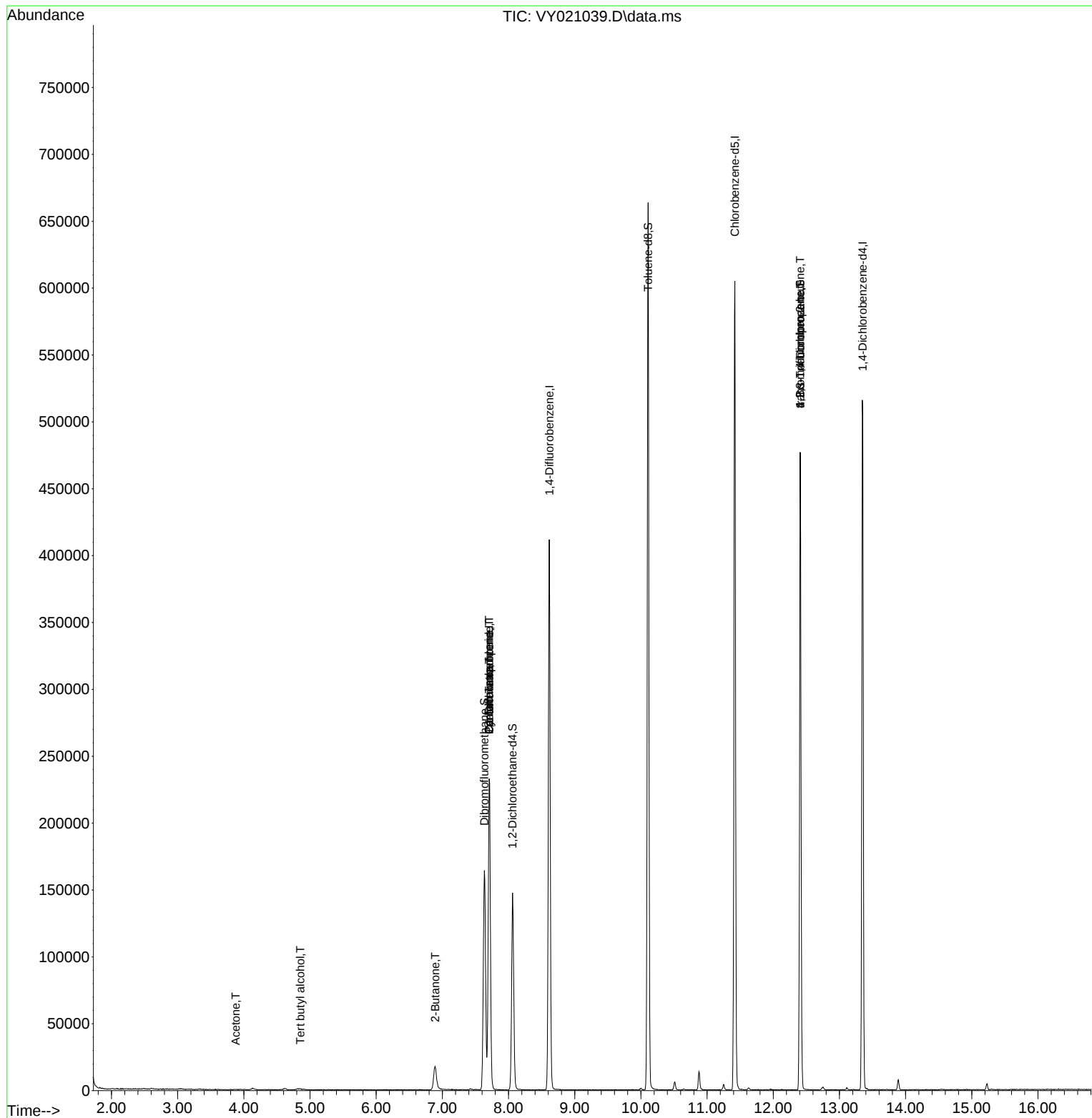
Internal Standards						
1) Pentafluorobenzene	7.707	168	179216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	339349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	315655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	130519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115153	62.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.420%	
35) Dibromofluoromethane	7.634	113	116601	53.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.109	98	416843	50.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.408	95	134089	49.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	229	1.840	ug/l #	75
16) Acetone	3.879	43	597	2.085	ug/l #	41
25) 2-Butanone	6.890	43	1039	2.208	ug/l #	48
31) Cyclohexane	7.707	56	4022	1.284	ug/l #	2
36) 1,1-Dichloropropene	7.707	75	14445	4.484	ug/l #	51
38) Carbon Tetrachloride	7.707	117	17721	4.708	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	74457	62.888	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	74457	128.321	ug/l #	12

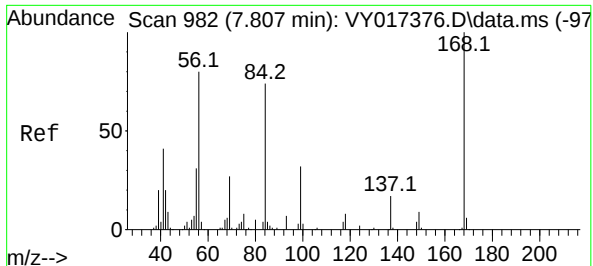
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
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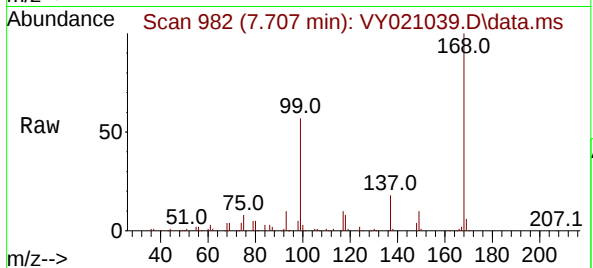
Quant Time: Feb 04 00:59:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



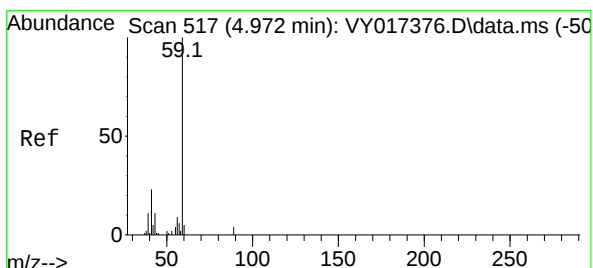
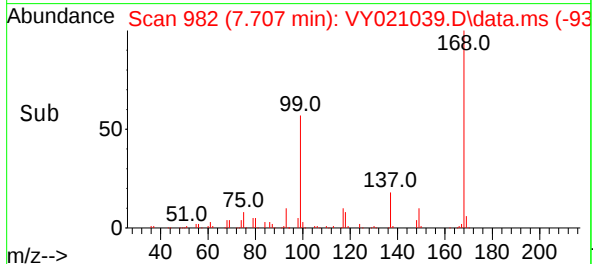
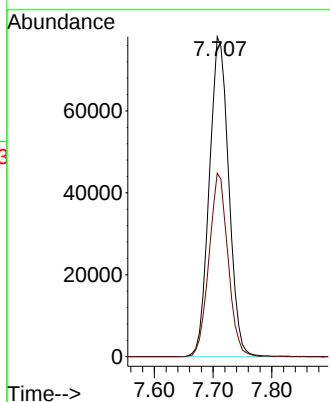


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

Instrument :
MSVOA_Y
ClientSampleId :

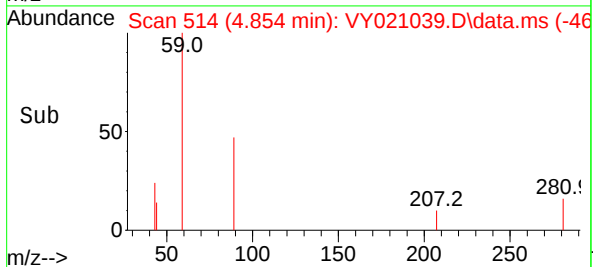
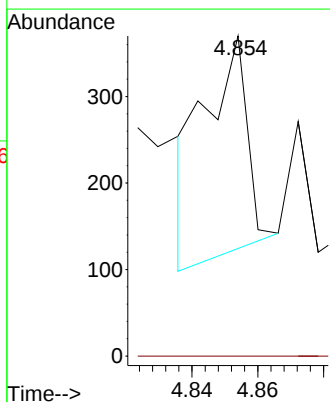
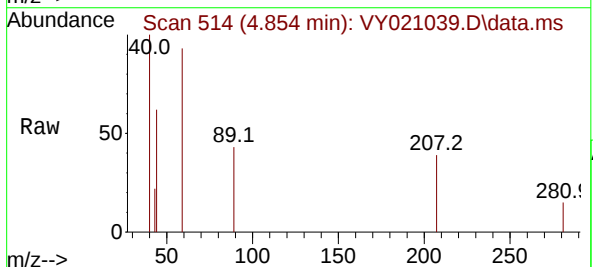


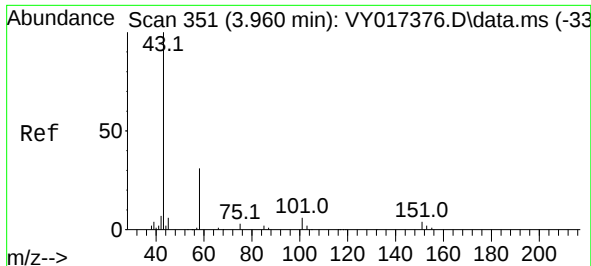
Tgt Ion:168 Resp: 179216
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.840 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.085 ug/l

RT: 3.879 min Scan# 3

Delta R.T. -0.000 min

Lab File: VY021039.D

Acq: 03 Feb 2025 18:58

Instrument :

MSVOA_Y

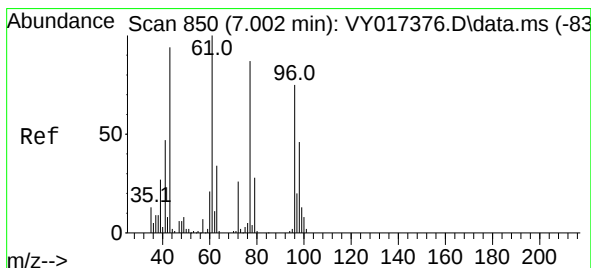
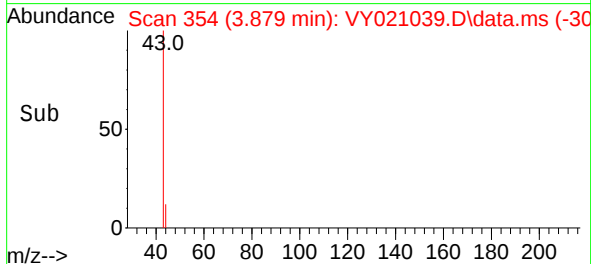
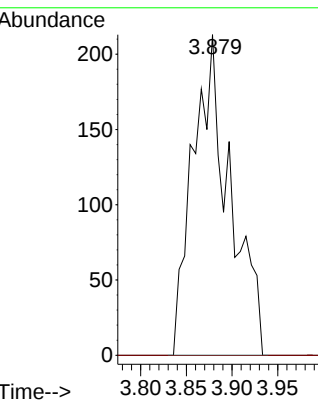
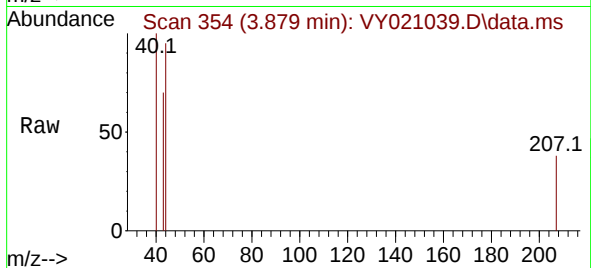
ClientSampleId :

Tgt Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#25

2-Butanone

Concen: 2.208 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY021039.D

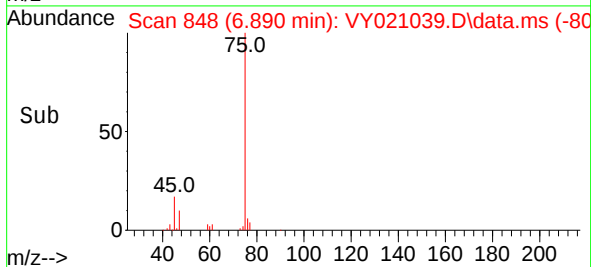
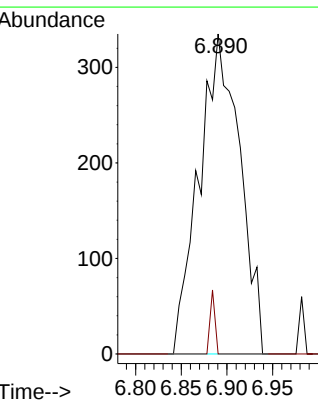
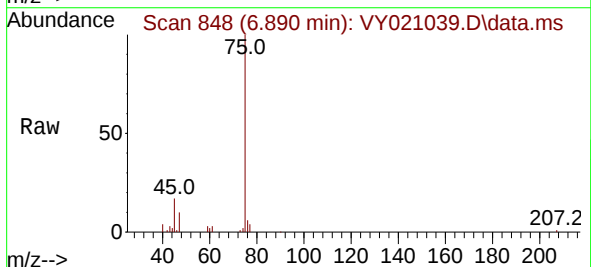
Acq: 03 Feb 2025 18:58

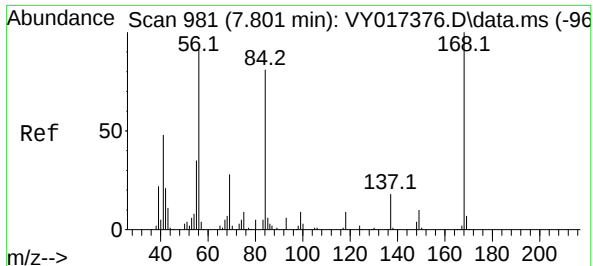
Tgt Ion: 43 Resp: 1039

Ion Ratio Lower Upper

43 100

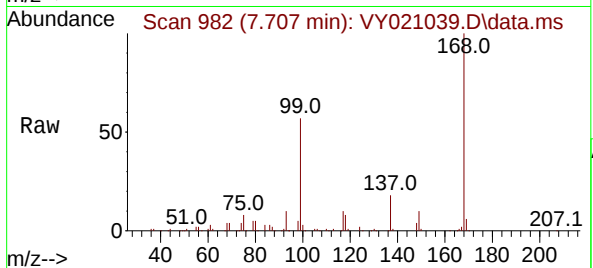
72 0.0 21.4 32.2#



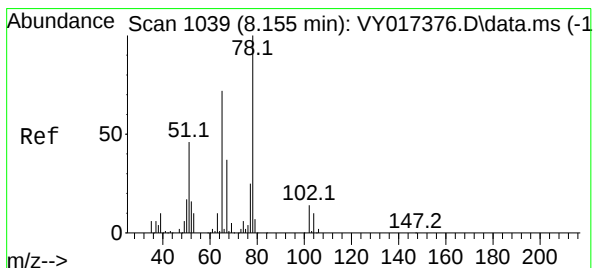
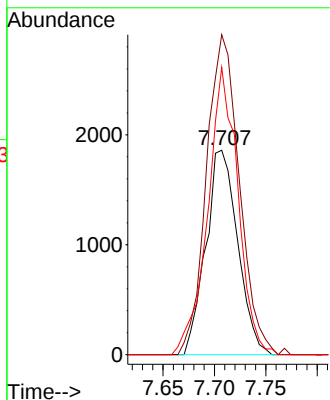
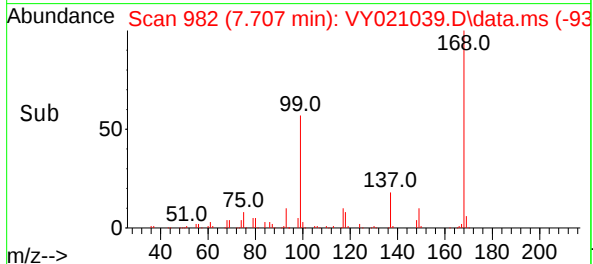


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

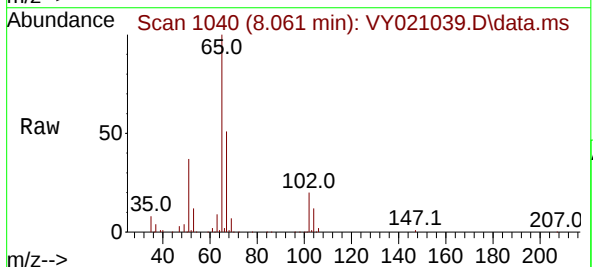
Instrument :
MSVOA_Y
ClientSampleId :



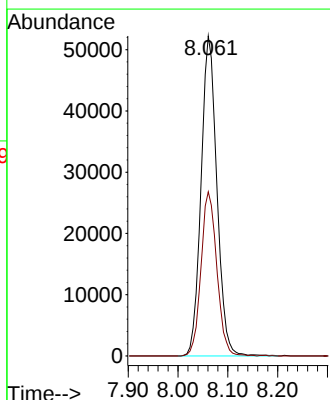
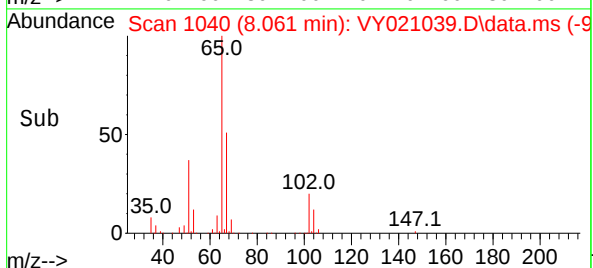
Tgt Ion: 56 Resp: 4022
Ion Ratio Lower Upper
56 100
69 156.4 27.0 40.6#
84 140.4 71.8 107.6#

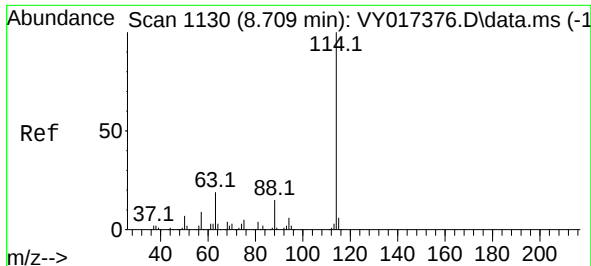


#33
1,2-Dichloroethane-d4
Concen: 62.712 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58



Tgt Ion: 65 Resp: 115153
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021039.D

Acq: 03 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

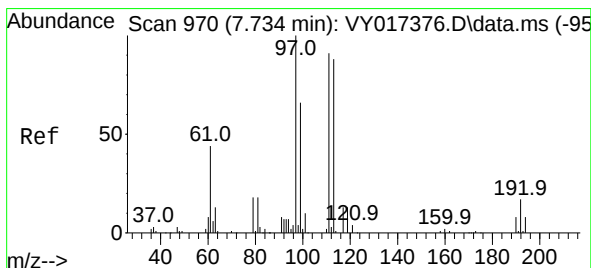
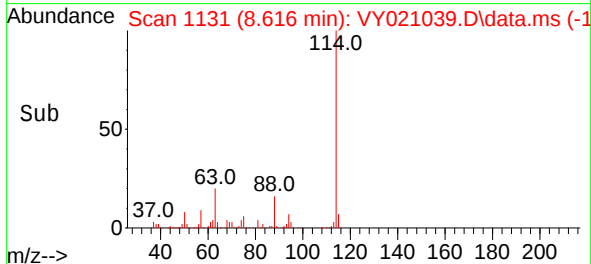
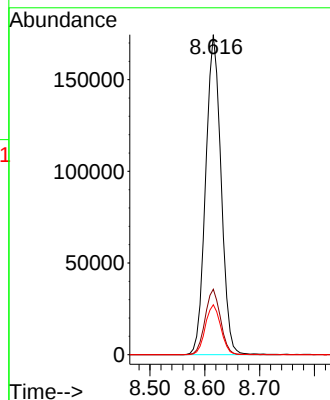
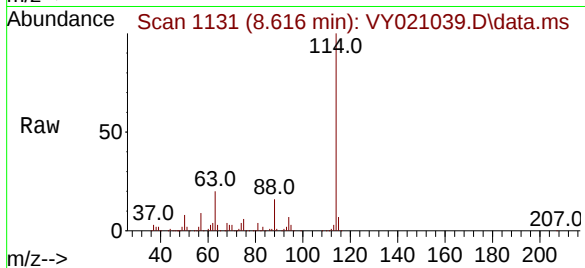
Tgt Ion:114 Resp: 339349

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.615 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021039.D

Acq: 03 Feb 2025 18:58

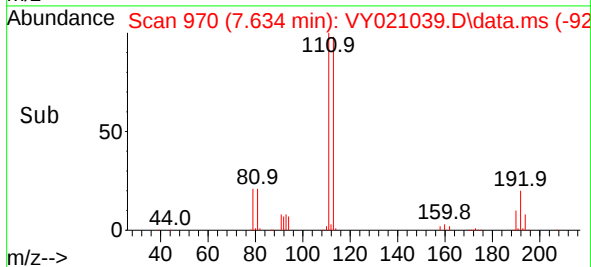
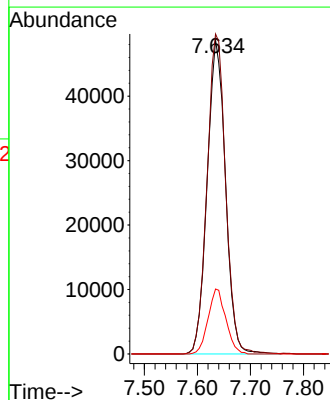
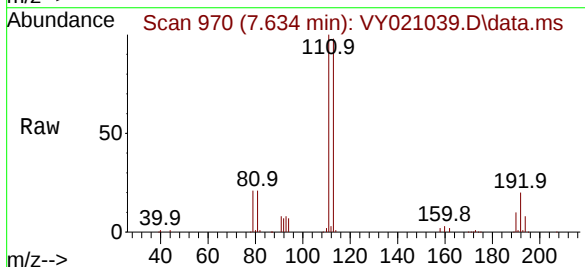
Tgt Ion:113 Resp: 116601

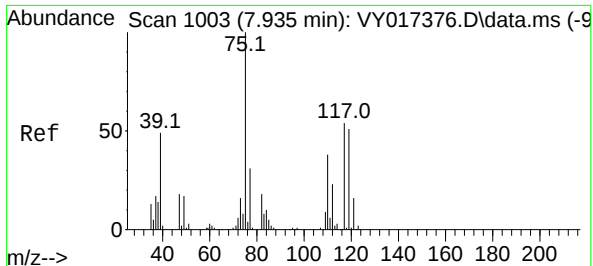
Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 20.0 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.484 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021039.D

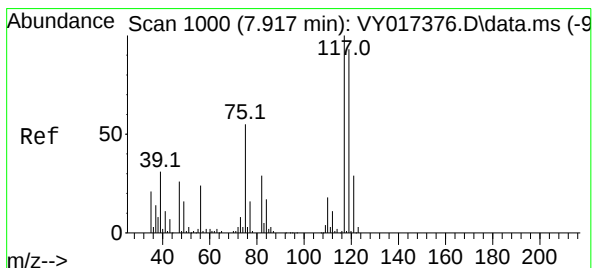
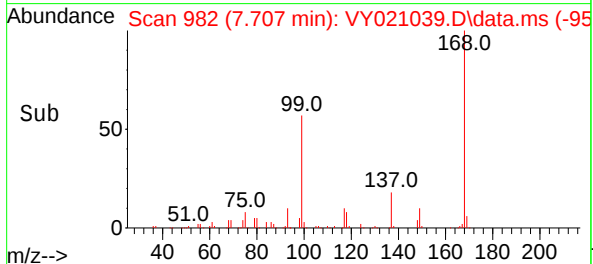
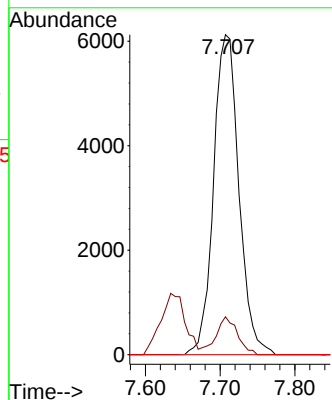
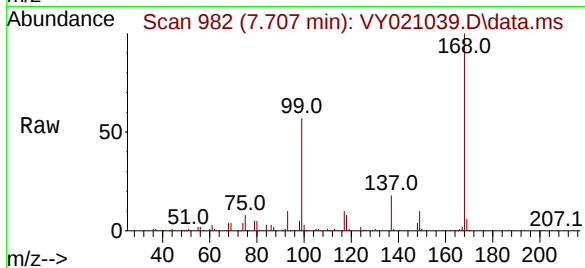
Acq: 03 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 14445
Ion Ratio	Lower Upper
75	100
110	9.9 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.708 ug/l

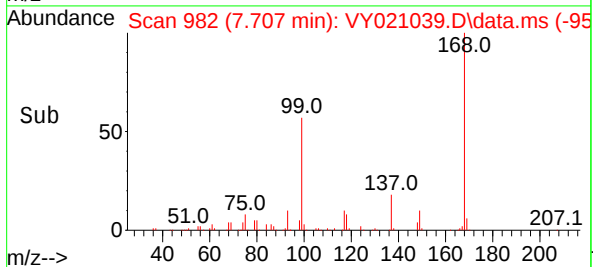
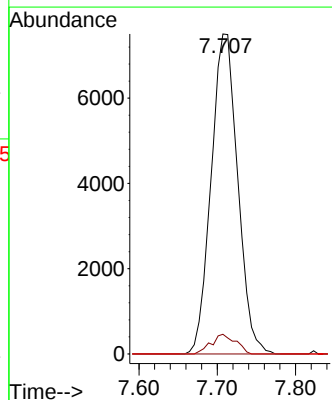
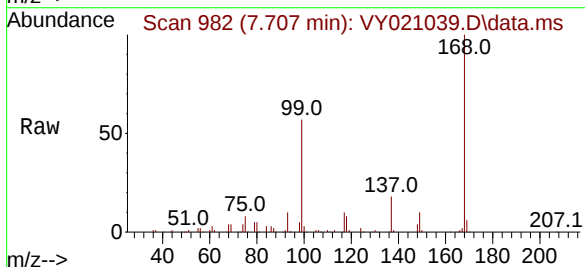
RT: 7.707 min Scan# 982

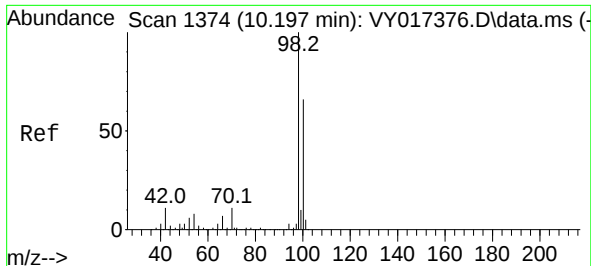
Delta R.T. -0.116 min

Lab File: VY021039.D

Acq: 03 Feb 2025 18:58

Tgt Ion: 117	Resp: 17721
Ion Ratio	Lower Upper
117	100
119	6.1 76.0 114.0#
121	0.0 24.2 36.2#

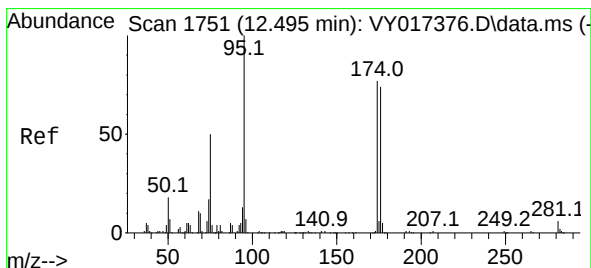
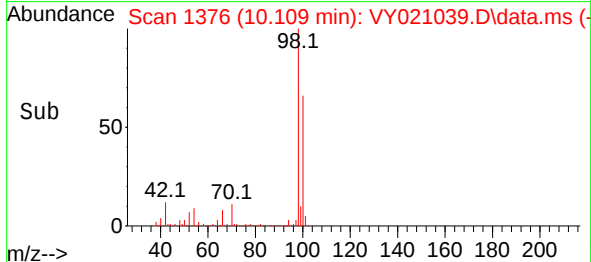
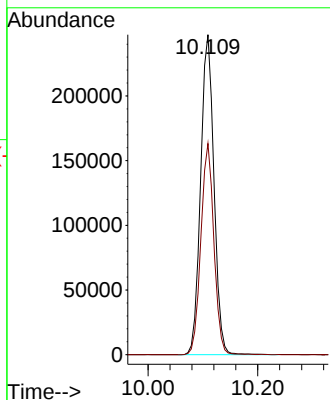
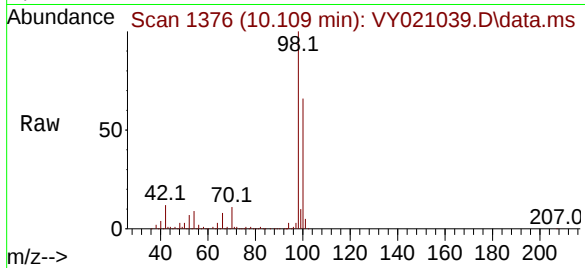




#50
Toluene-d8
Concen: 50.346 ug/l
RT: 10.109 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

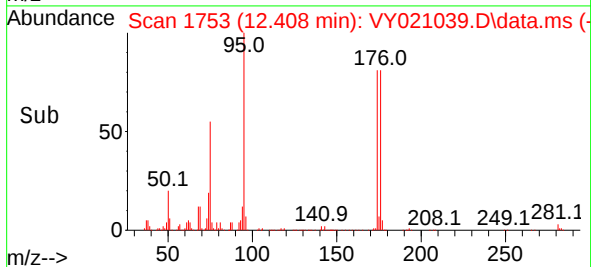
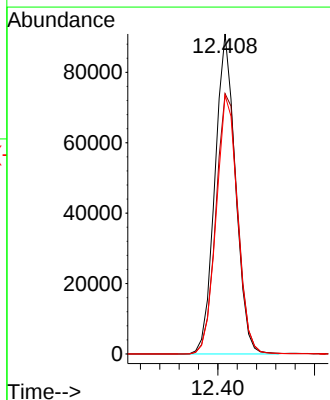
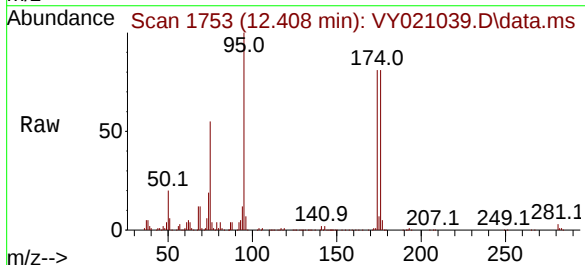
Instrument :
MSVOA_Y
ClientSampleId :

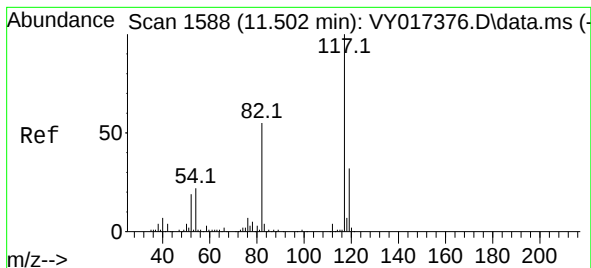
Tgt Ion: 98 Resp: 416843
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.573 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

Tgt Ion: 95 Resp: 134089
Ion Ratio Lower Upper
95 100
174 86.9 0.0 160.0
176 83.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021039.D

Acq: 03 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

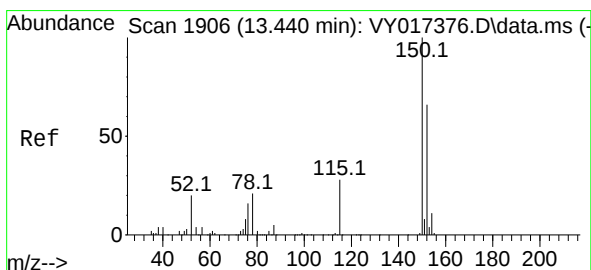
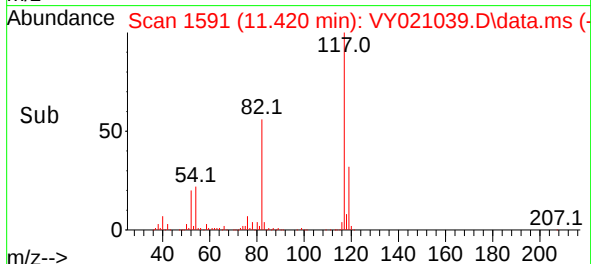
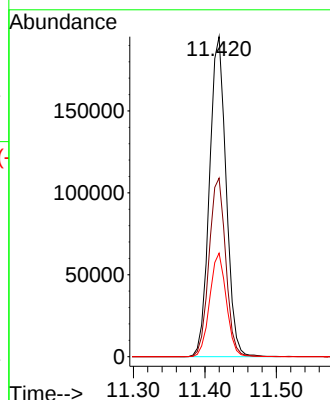
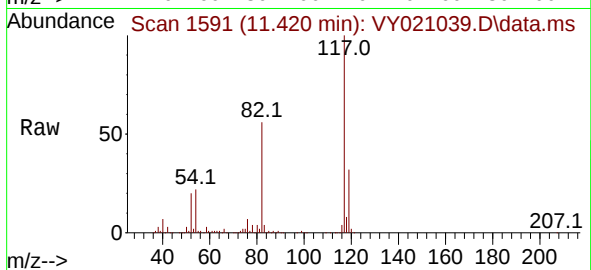
Tgt Ion:117 Resp: 315655

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021039.D

Acq: 03 Feb 2025 18:58

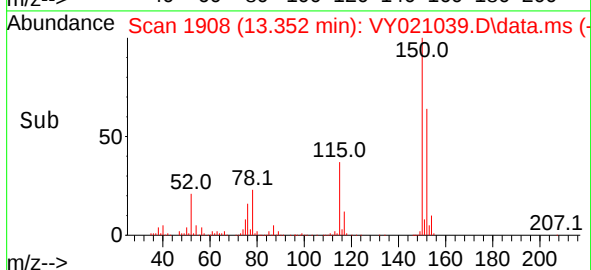
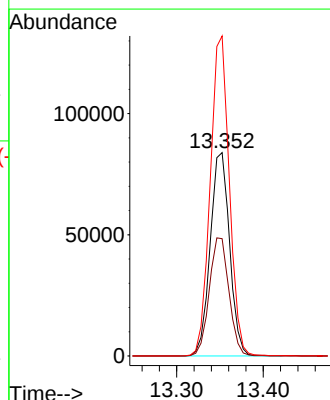
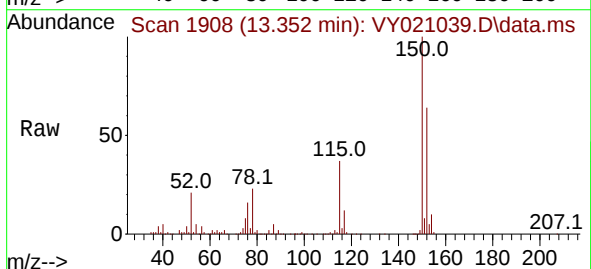
Tgt Ion:152 Resp: 130519

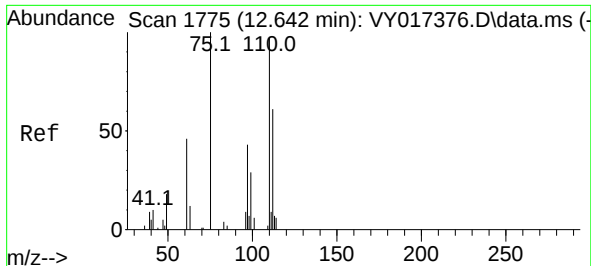
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 154.9 0.0 344.6

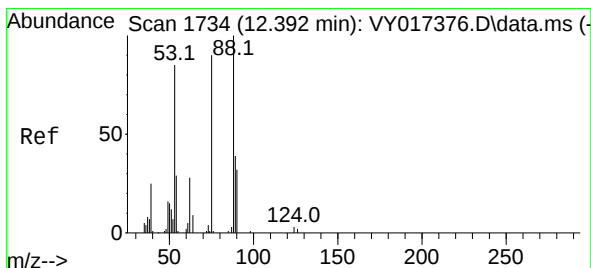
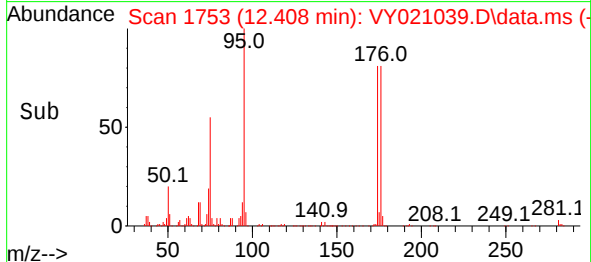
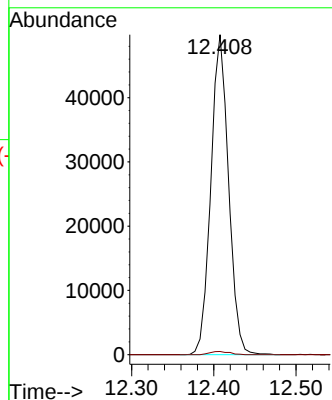
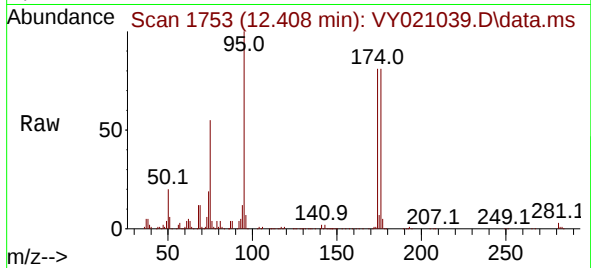




#76
1,2,3-Trichloropropane
Concen: 62.888 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74457
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.321 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

Tgt Ion: 75 Resp: 74457
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

