

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021040.D
 Acq On : 03 Feb 2025 19:21
 Operator : SY/MD
 Sample : Q1206-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 00:59:27 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)

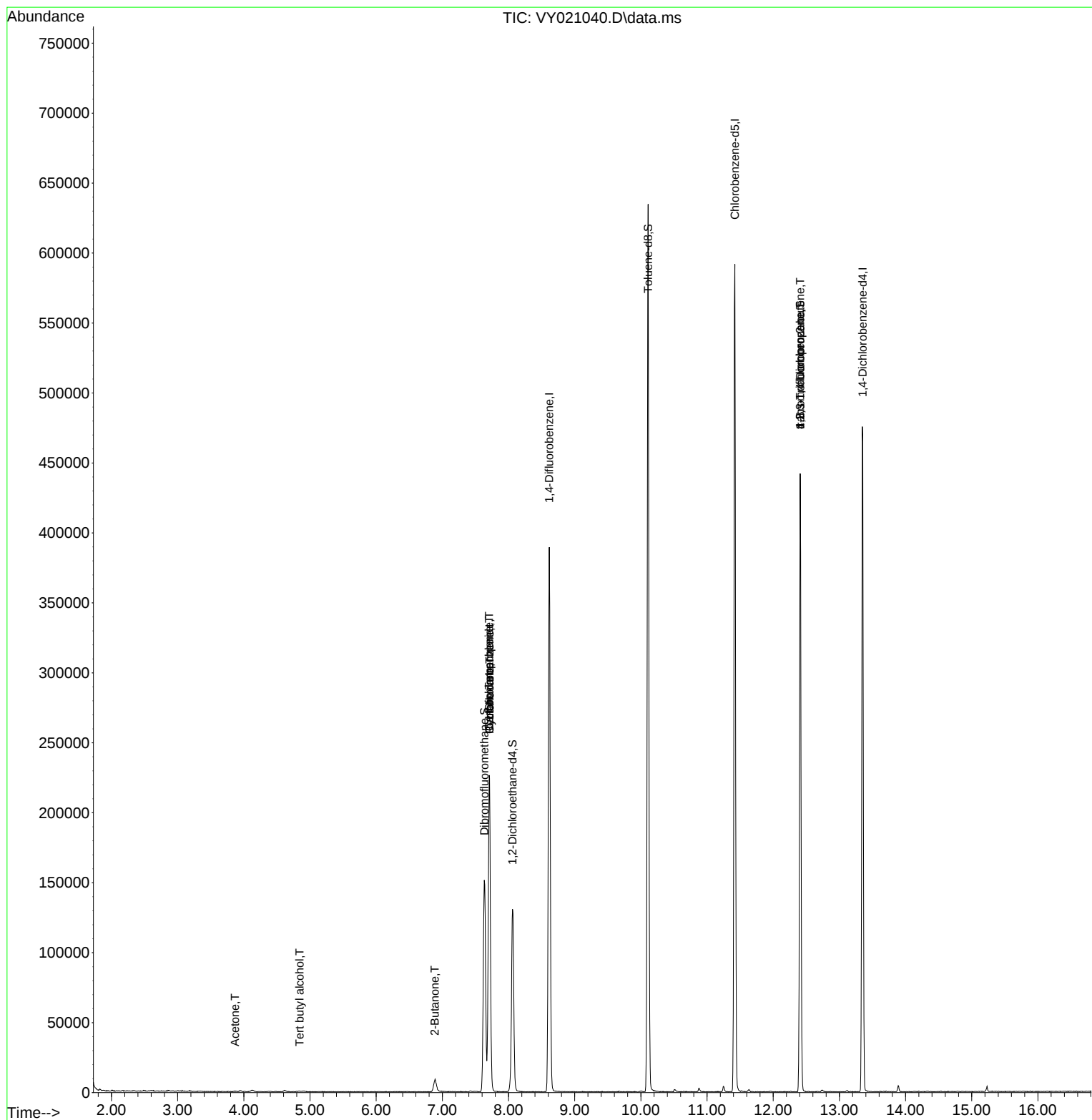
Internal Standards						
1) Pentafluorobenzene	7.713	168	171656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	120880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103772	59.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.000%
35) Dibromofluoromethane	7.634	113	108839	52.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.109	98	397399	50.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.408	95	125658	48.452	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	540	4.531	ug/l #	75
16) Acetone	3.866	43	574	2.093	ug/l #	87
25) 2-Butanone	6.884	43	455	1.010	ug/l #	48
31) Cyclohexane	7.713	56	3712	1.237	ug/l #	13
36) 1,1-Dichloropropene	7.707	75	13791	4.465	ug/l #	51
38) Carbon Tetrachloride	7.707	117	17844	4.945	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	69211	63.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	69211	128.791	ug/l #	12

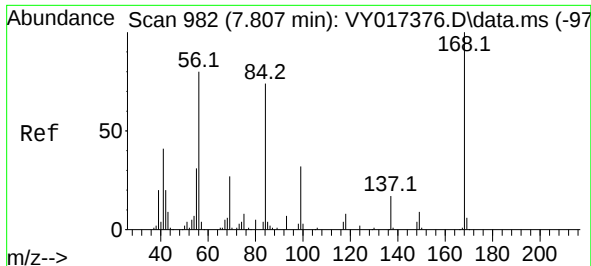
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY020325\
Data File : VY021040.D
Acq On : 03 Feb 2025 19:21
Operator : SY/MD
Sample : Q1206-05
Misc : 5.07g/5.0mL/MSV0A_Y/SOIL/B
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

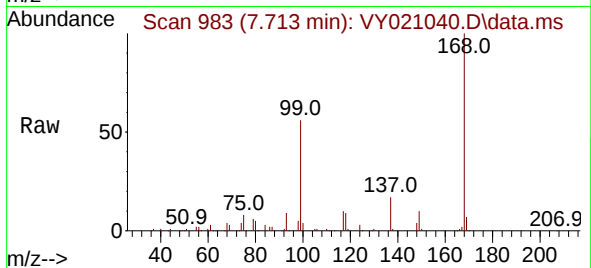
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Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



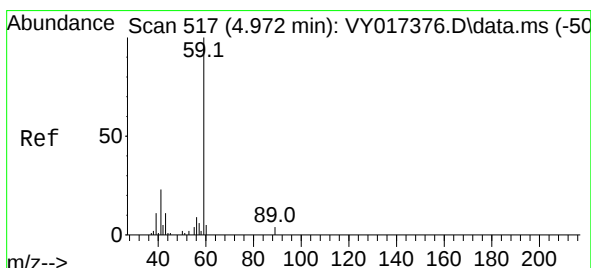
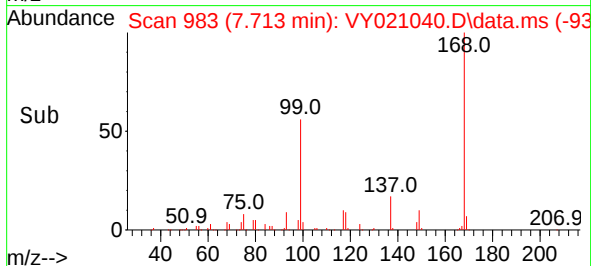
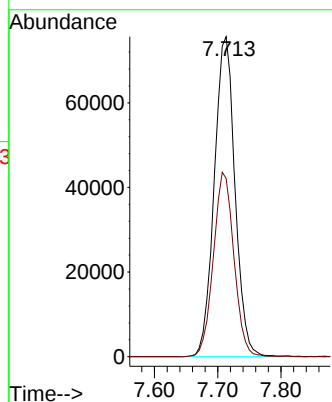


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Instrument :
MSVOA_Y
ClientSampleId :

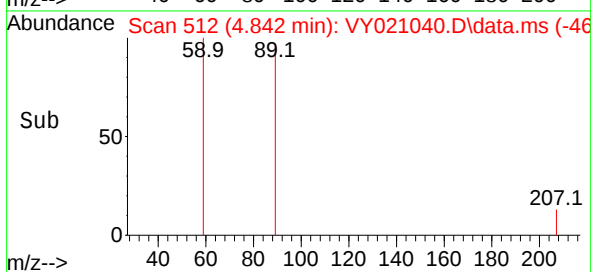
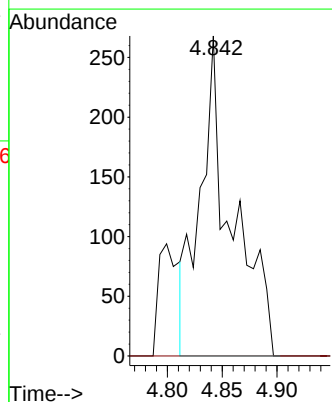
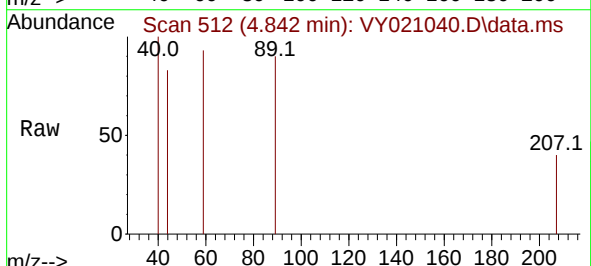


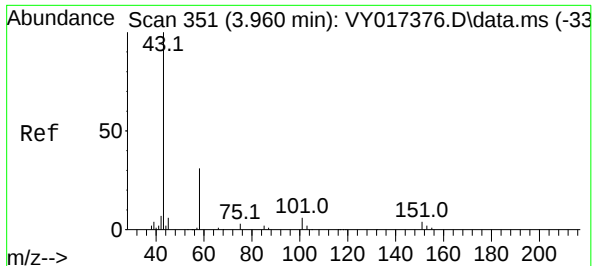
Tgt Ion:168 Resp: 171656
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 4.531 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.093 ug/l

RT: 3.866 min Scan# 30

Delta R.T. -0.012 min

Lab File: VY021040.D

Acq: 03 Feb 2025 19:21

Instrument :

MSVOA_Y

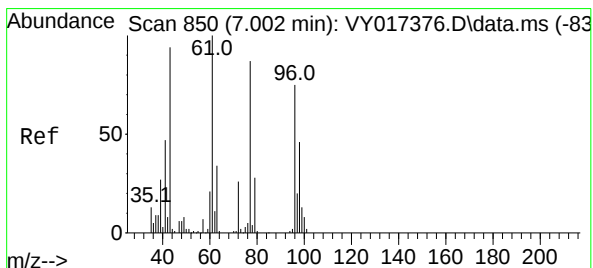
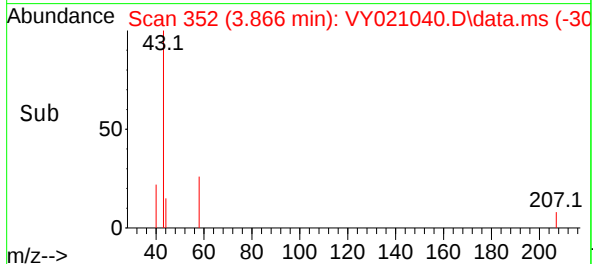
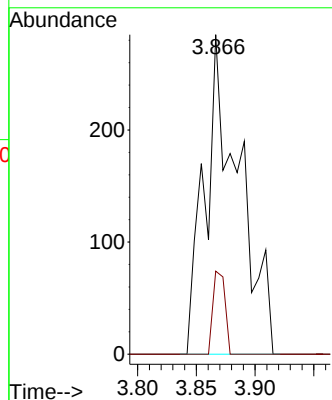
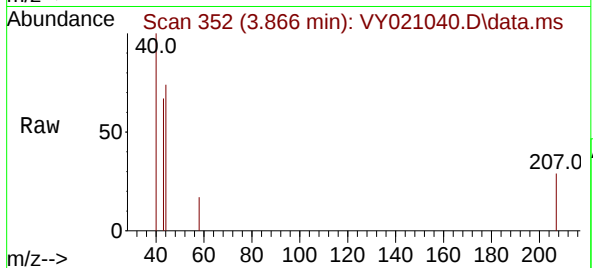
ClientSampleId :

Tgt Ion: 43 Resp: 574

Ion Ratio Lower Upper

43 100

58 26.0 26.6 39.8#



#25

2-Butanone

Concen: 1.010 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY021040.D

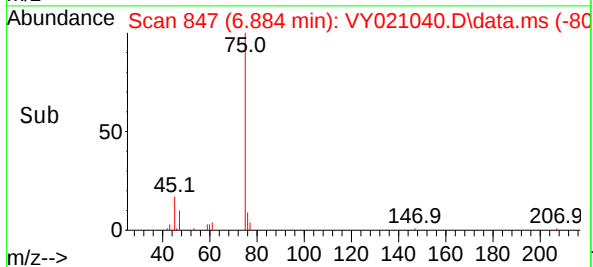
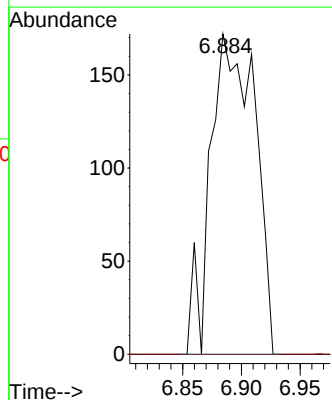
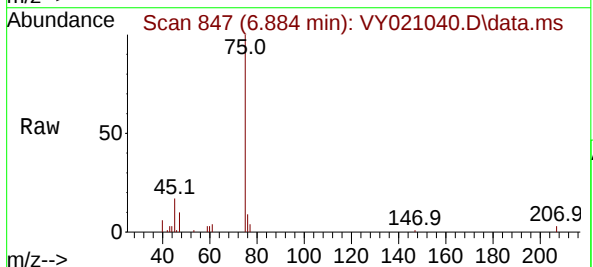
Acq: 03 Feb 2025 19:21

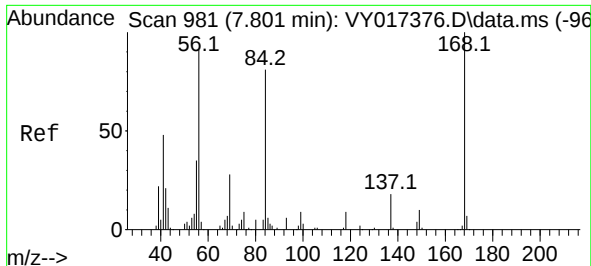
Tgt Ion: 43 Resp: 455

Ion Ratio Lower Upper

43 100

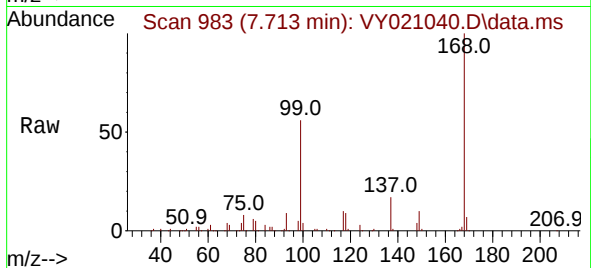
72 0.0 21.4 32.2#



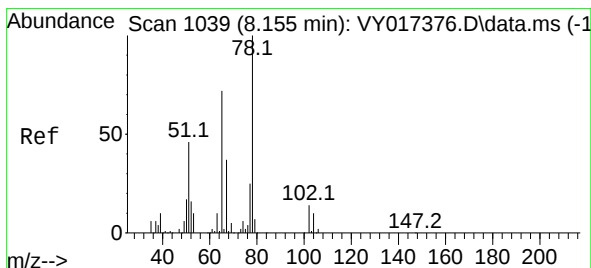
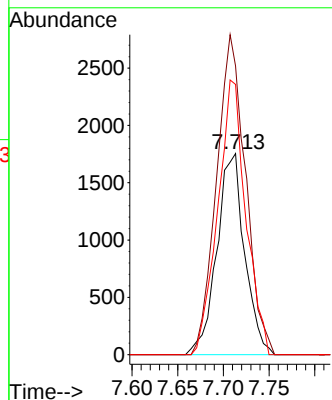
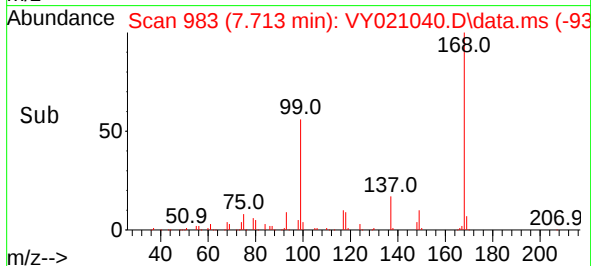


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Instrument :
MSVOA_Y
ClientSampleId :

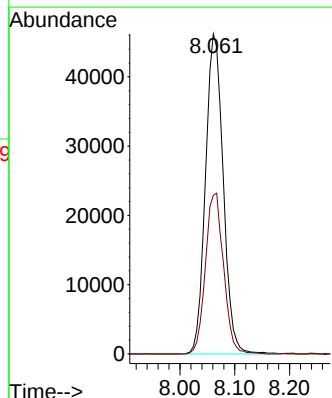
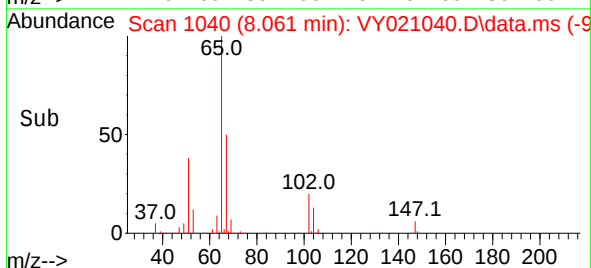
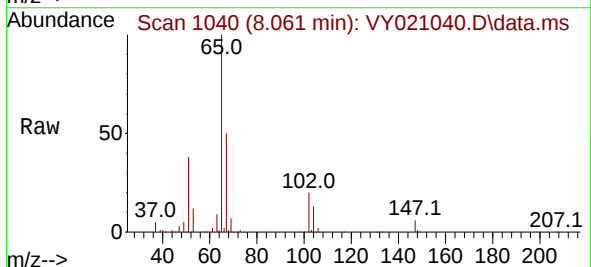


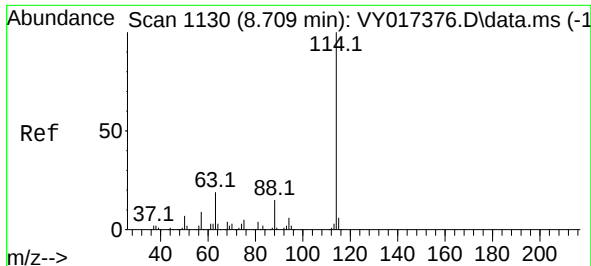
Tgt Ion: 56 Resp: 3712
Ion Ratio Lower Upper
56 100
69 143.5 27.0 40.6#
84 134.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 59.003 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Tgt Ion: 65 Resp: 103772
Ion Ratio Lower Upper
65 100
67 51.2 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: VY021040.D

Acq: 03 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

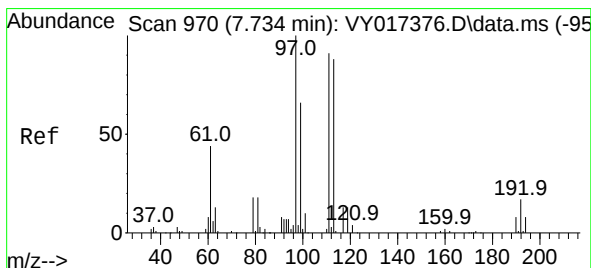
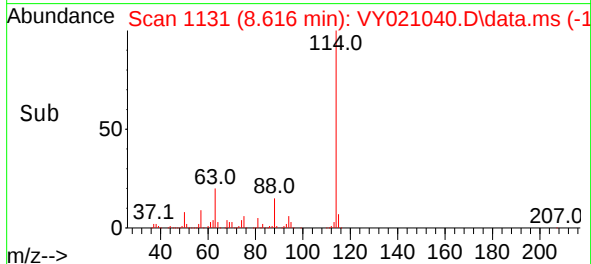
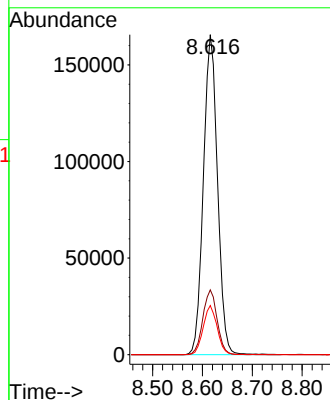
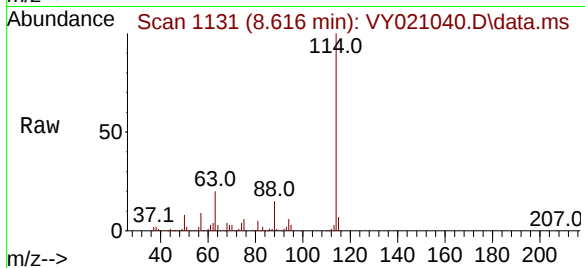
Tgt Ion:114 Resp: 325368

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021040.D

Acq: 03 Feb 2025 19:21

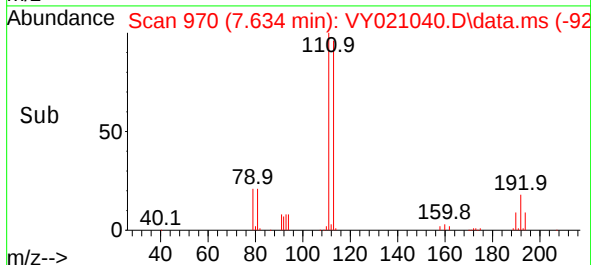
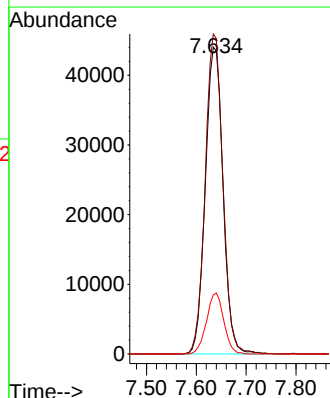
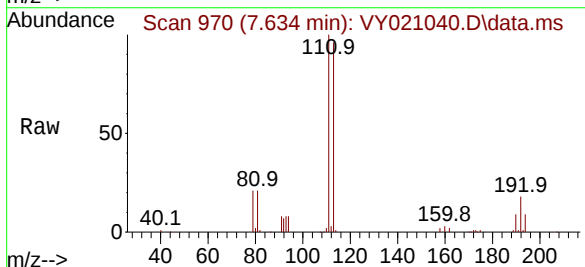
Tgt Ion:113 Resp: 108839

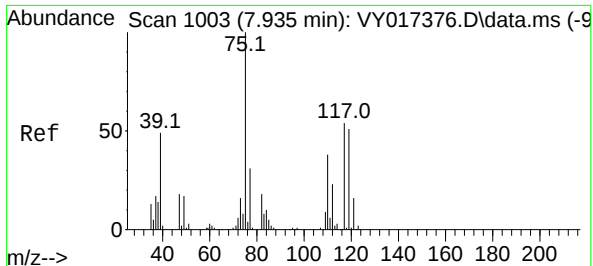
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 19.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.465 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021040.D

Acq: 03 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

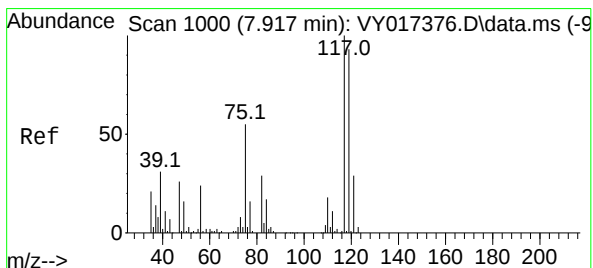
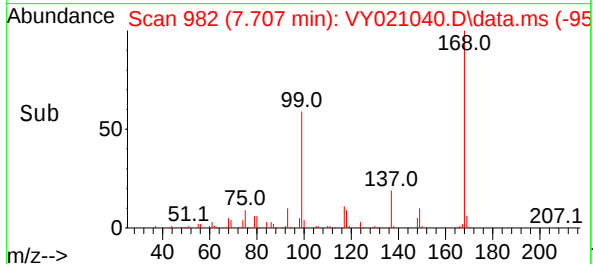
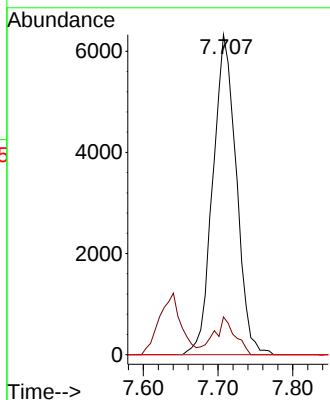
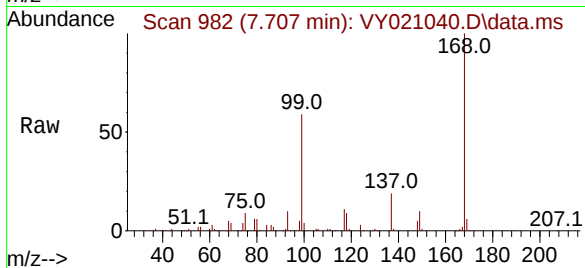
Tgt Ion: 75 Resp: 13791

Ion Ratio Lower Upper

75 100

110 10.7 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.945 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY021040.D

Acq: 03 Feb 2025 19:21

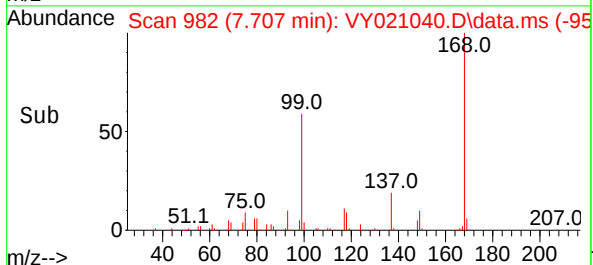
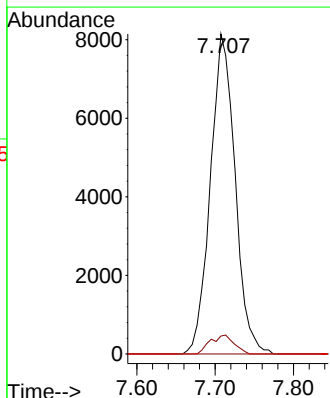
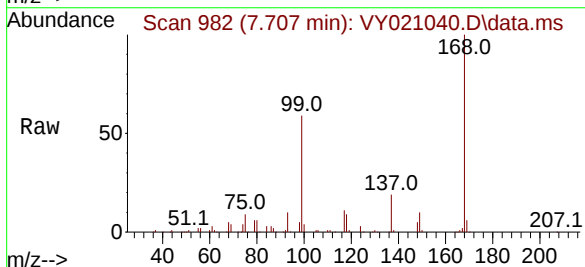
Tgt Ion: 117 Resp: 17844

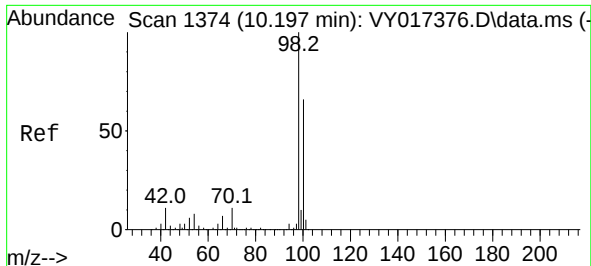
Ion Ratio Lower Upper

117 100

119 5.6 76.0 114.0#

121 0.0 24.2 36.2#

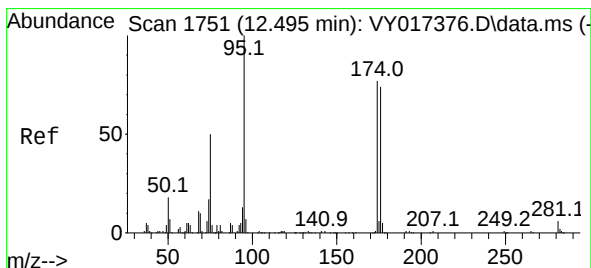
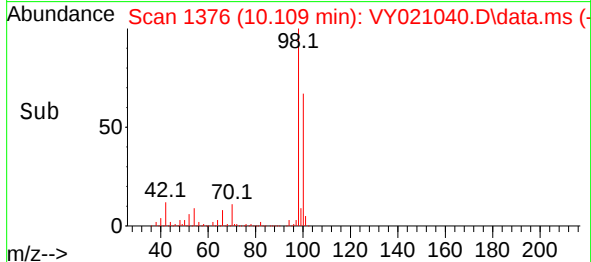
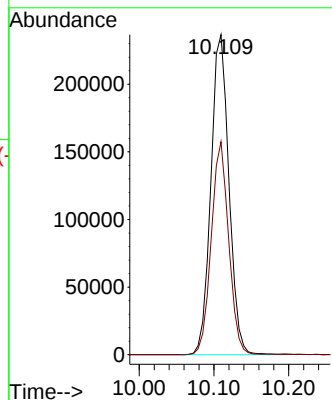
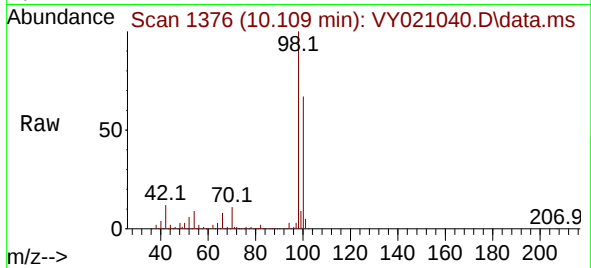




#50
Toluene-d8
Concen: 50.060 ug/l
RT: 10.109 min Scan# 1374
Delta R.T. -0.000 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

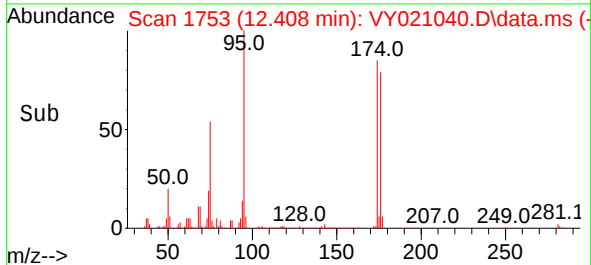
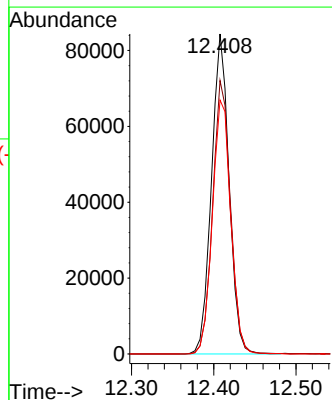
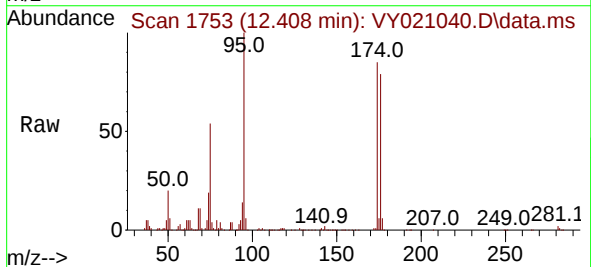
Instrument :
MSVOA_Y
ClientSampleId :

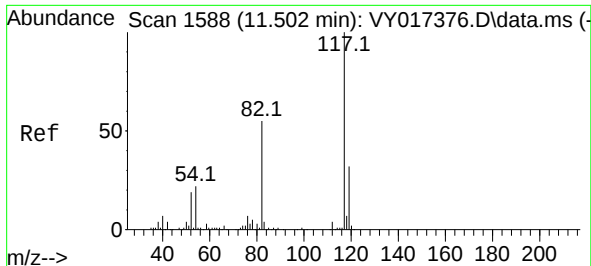
Tgt Ion: 98 Resp: 397399
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.452 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Tgt Ion: 95 Resp: 125658
Ion Ratio Lower Upper
95 100
174 86.5 0.0 160.0
176 82.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021040.D

Acq: 03 Feb 2025 19:21

Instrument :

MSVOA_Y

ClientSampleId :

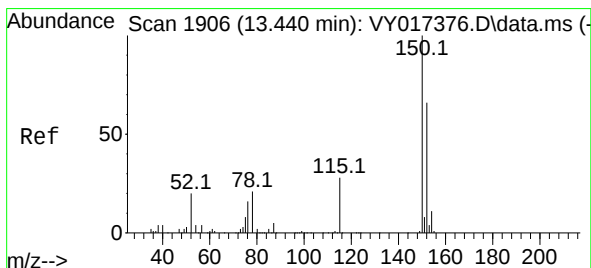
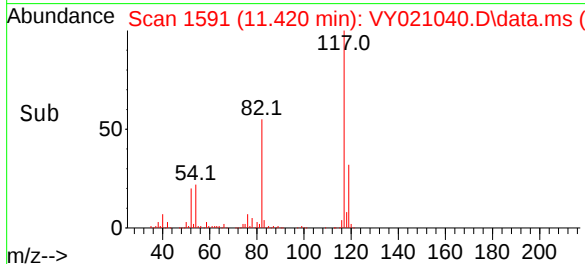
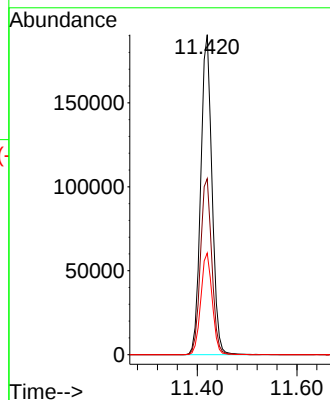
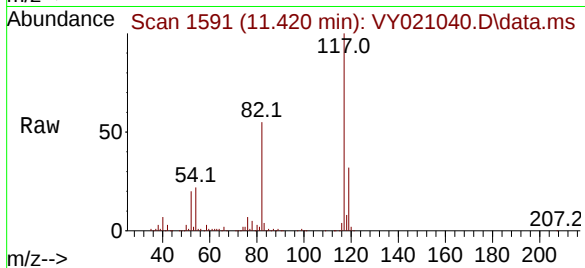
Tgt Ion:117 Resp: 298186

Ion Ratio Lower Upper

117 100

82 55.0 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021040.D

Acq: 03 Feb 2025 19:21

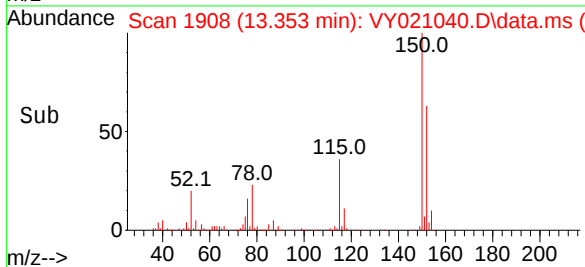
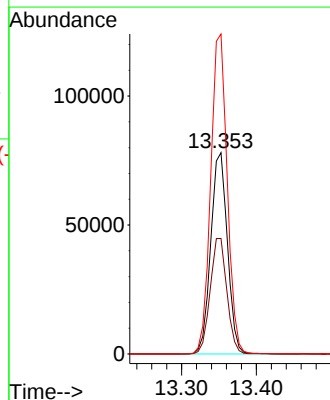
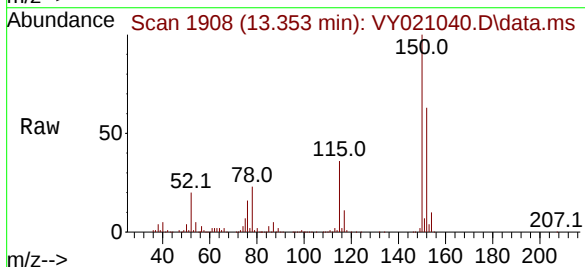
Tgt Ion:152 Resp: 120880

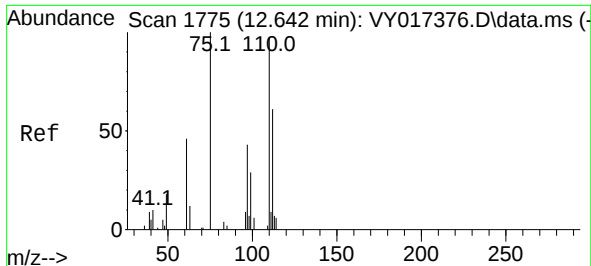
Ion Ratio Lower Upper

152 100

115 57.6 30.0 90.0

150 157.6 0.0 344.6

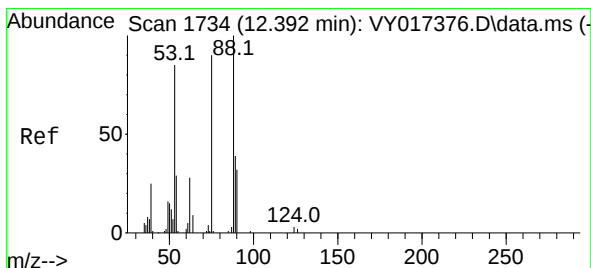
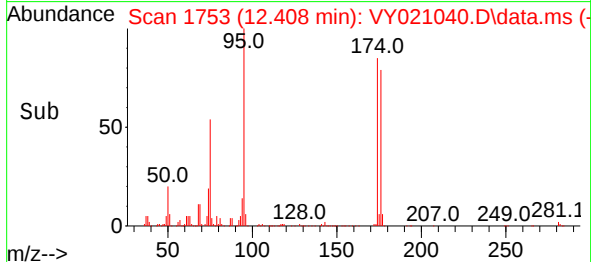
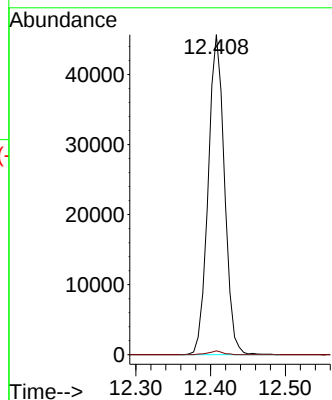
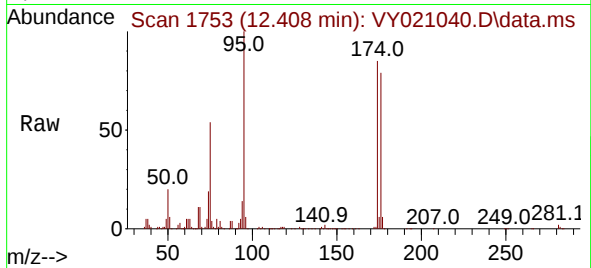




#76
1,2,3-Trichloropropane
Concen: 63.118 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69211
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.791 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021040.D
Acq: 03 Feb 2025 19:21

Tgt Ion: 75 Resp: 69211
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#

