

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021052.D
 Acq On : 04 Feb 2025 12:42
 Operator : SY/MD
 Sample : Q1207-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:45:32 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)

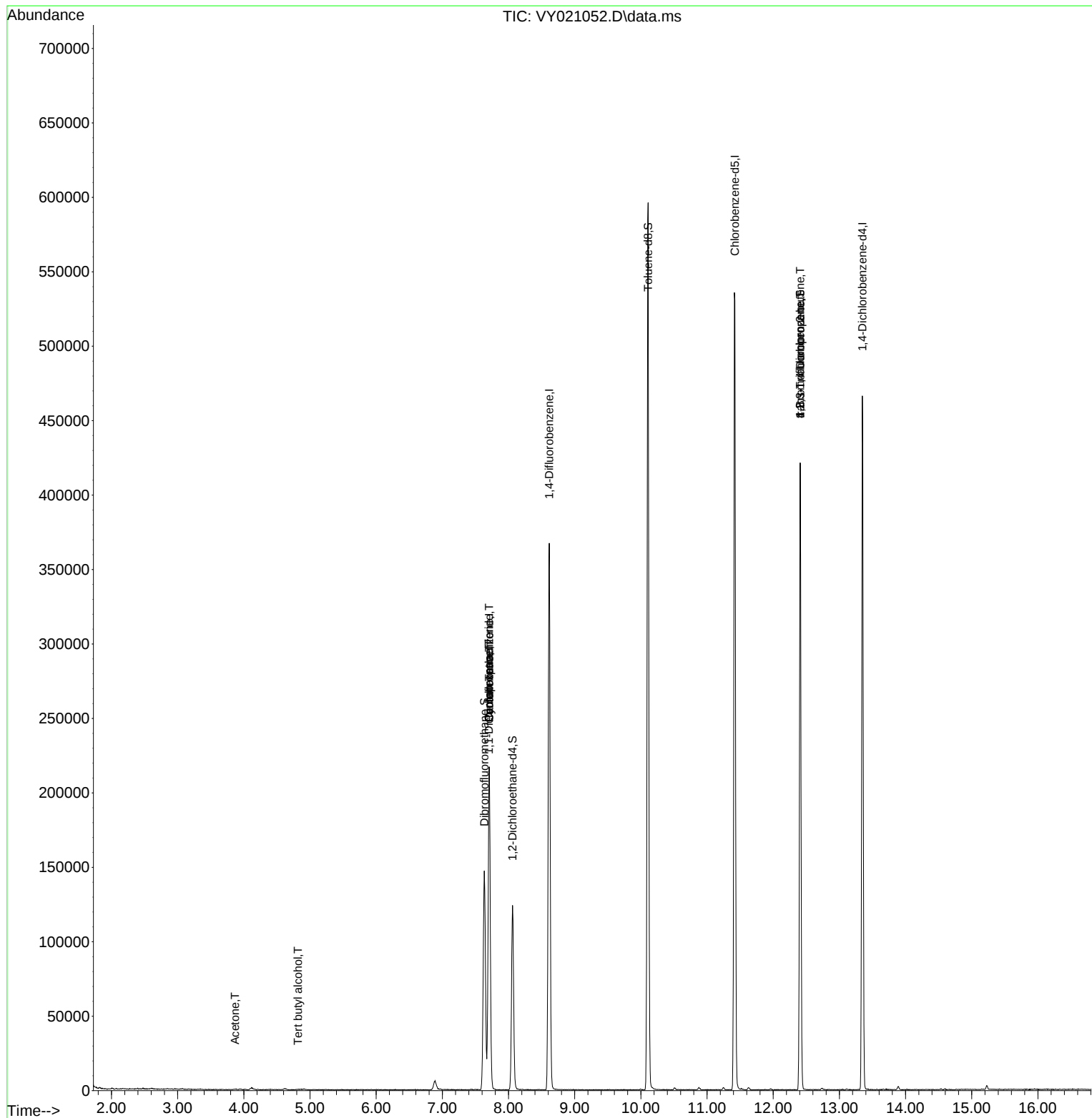
Internal Standards						
1) Pentafluorobenzene	7.707	168	164435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	308184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	283566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	99123	58.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.660%	
35) Dibromofluoromethane	7.634	113	101293	51.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.109	98	376112	50.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.408	95	120696	49.134	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.260%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.817	59	350	3.066	ug/l #	75
16) Acetone	3.866	43	850	3.235	ug/l	91
31) Cyclohexane	7.707	56	3743	1.303	ug/l #	14
36) 1,1-Dichloropropene	7.701	75	13189	4.508	ug/l #	51
38) Carbon Tetrachloride	7.707	117	16708	4.888	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	66352	62.831	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	66352	128.205	ug/l #	12

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

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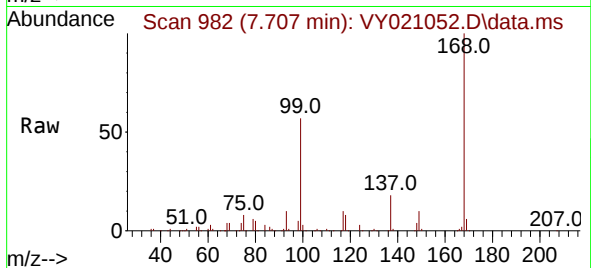
Quant Time: Feb 05 00:45:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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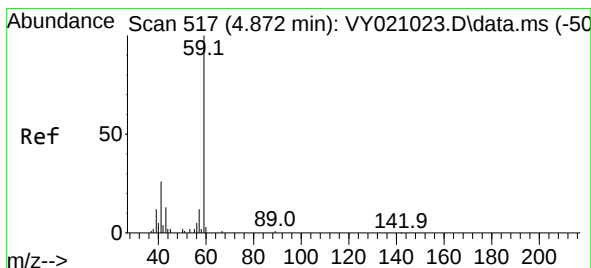
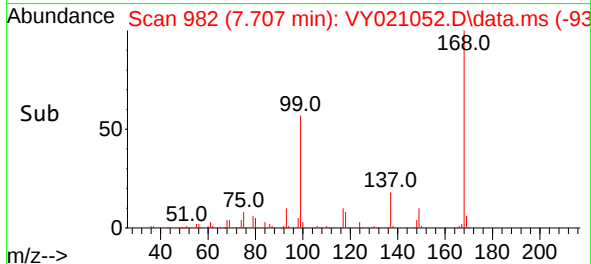
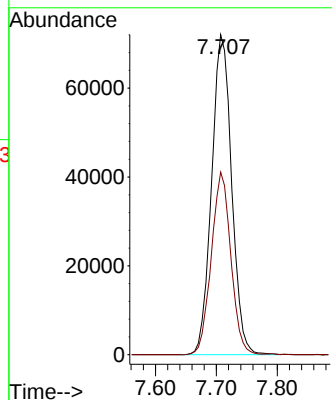


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

Instrument :
MSVOA_Y
ClientSampleId :

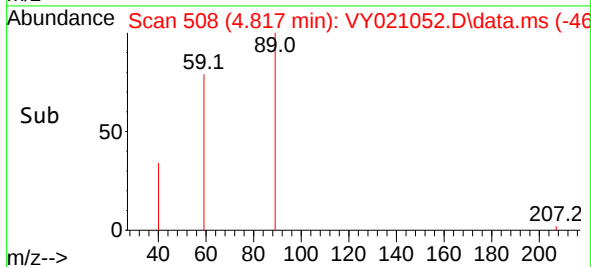
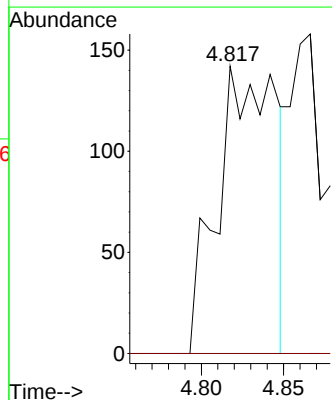
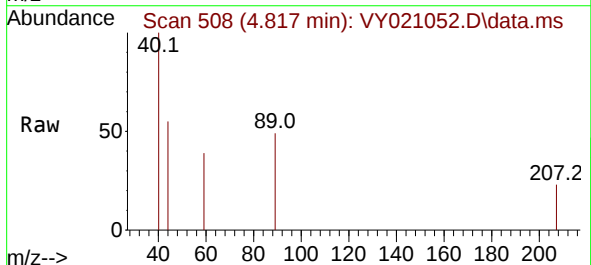


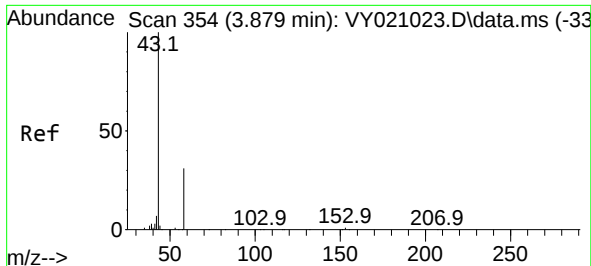
Tgt Ion:168 Resp: 164435
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.066 ug/l
RT: 4.817 min Scan# 508
Delta R.T. -0.055 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

Tgt Ion: 59 Resp: 350
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.235 ug/l

RT: 3.866 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY021052.D

Acq: 04 Feb 2025 12:42

Instrument :

MSVOA_Y

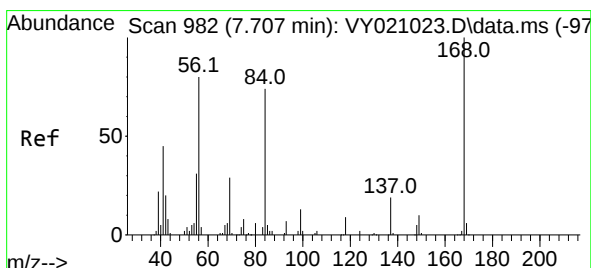
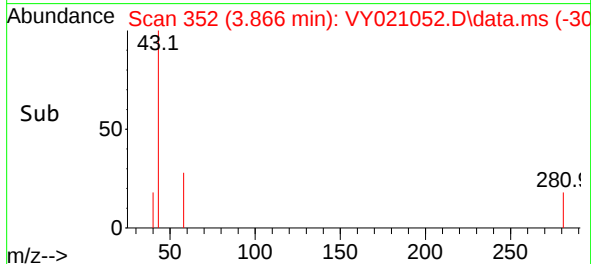
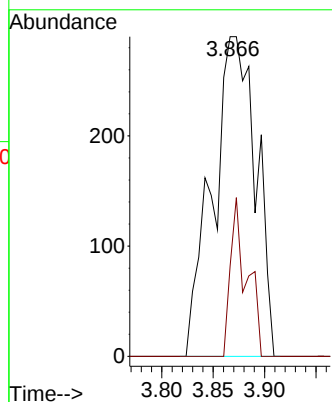
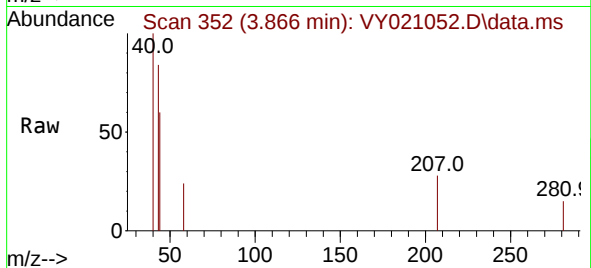
ClientSampleId :

Tgt Ion: 43 Resp: 850

Ion Ratio Lower Upper

43 100

58 28.3 26.6 39.8



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.000 min

Lab File: VY021052.D

Acq: 04 Feb 2025 12:42

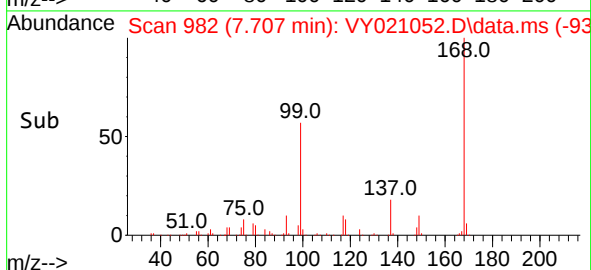
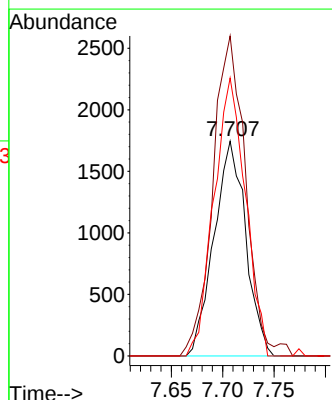
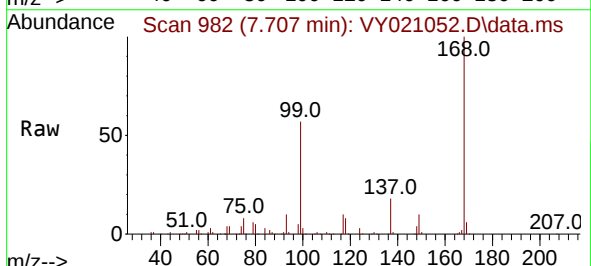
Tgt Ion: 56 Resp: 3743

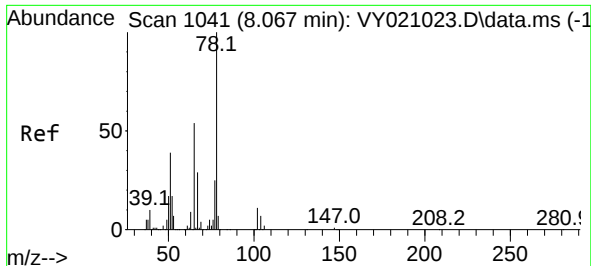
Ion Ratio Lower Upper

56 100

69 149.0 27.0 40.6#

84 129.4 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 58.835 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021052.D

Acq: 04 Feb 2025 12:42

Instrument :

MSVOA_Y

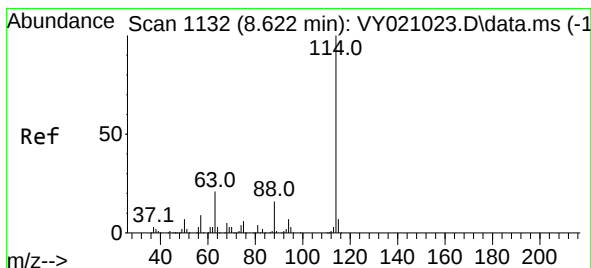
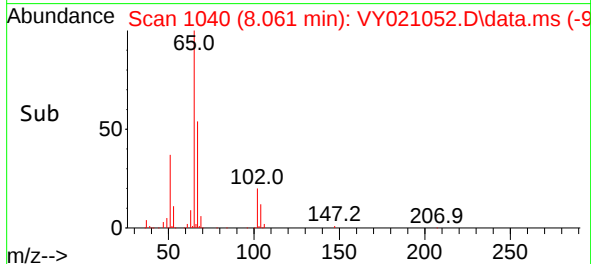
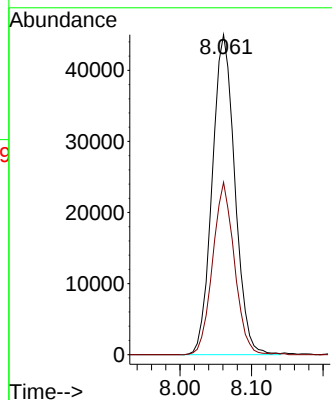
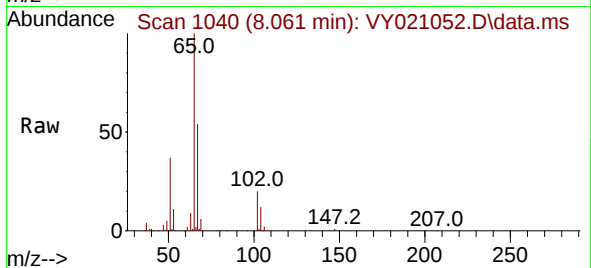
ClientSampleId :

Tgt Ion: 65 Resp: 99123

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021052.D

Acq: 04 Feb 2025 12:42

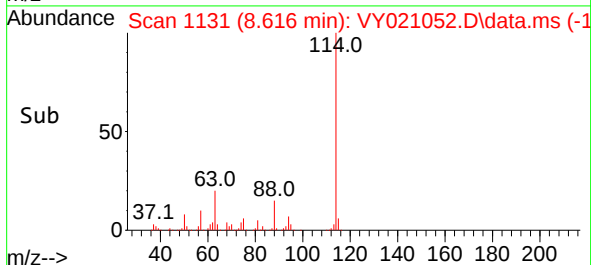
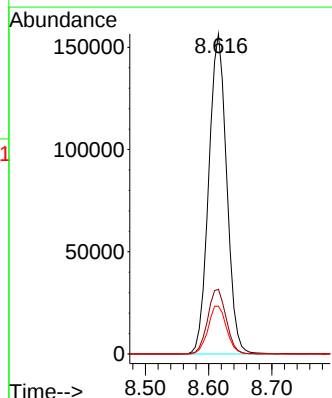
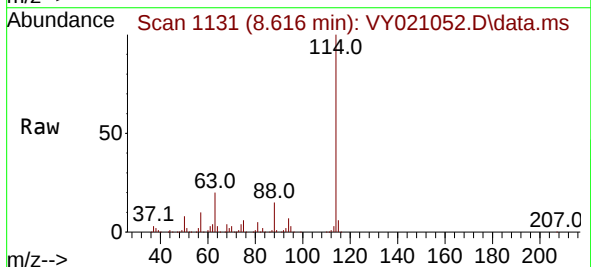
Tgt Ion: 114 Resp: 308184

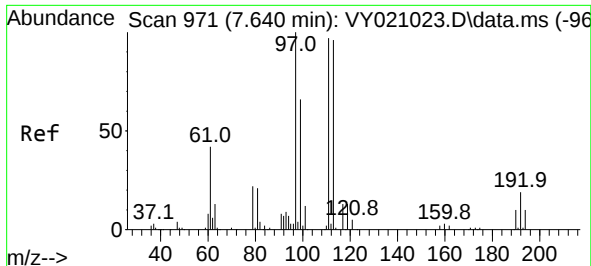
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

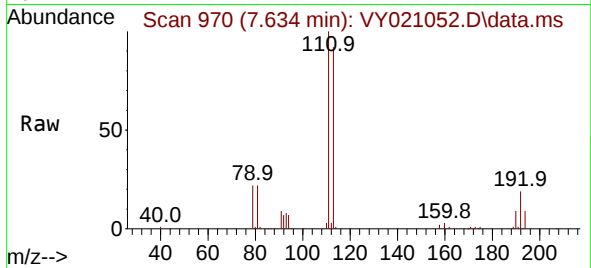
88 14.9 0.0 29.0



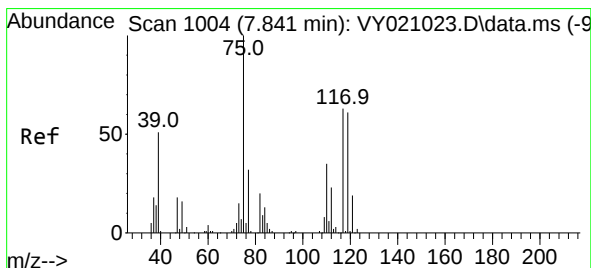
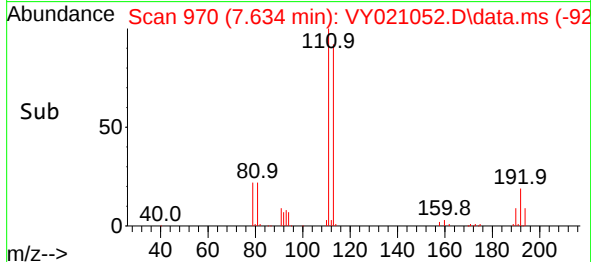
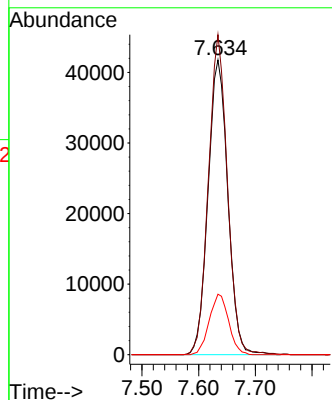


#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

Instrument :
MSVOA_Y
ClientSampleId :

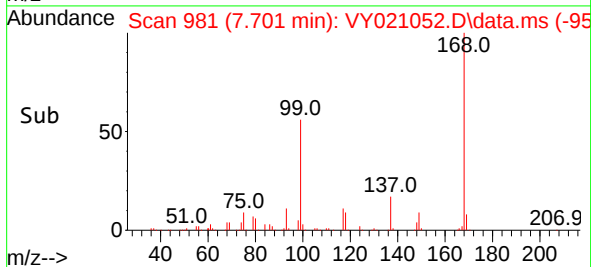
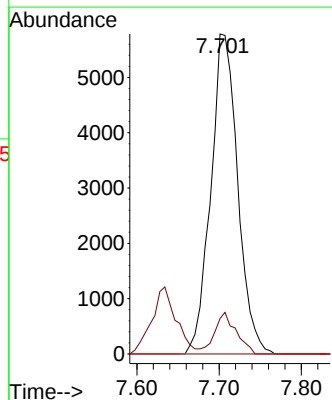
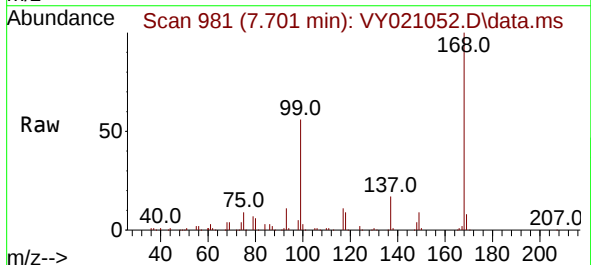


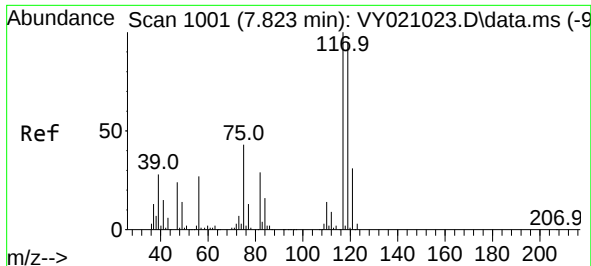
Tgt Ion:113 Resp: 101293
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 20.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

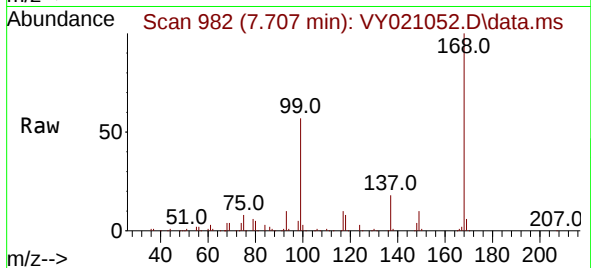
Tgt Ion: 75 Resp: 13189
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.7 37.1#



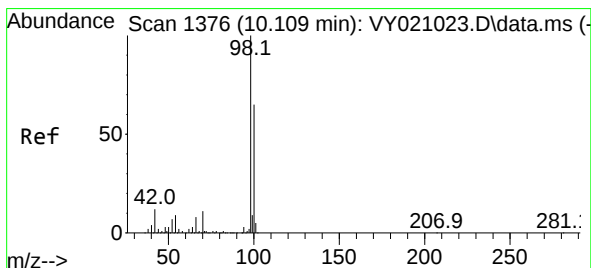
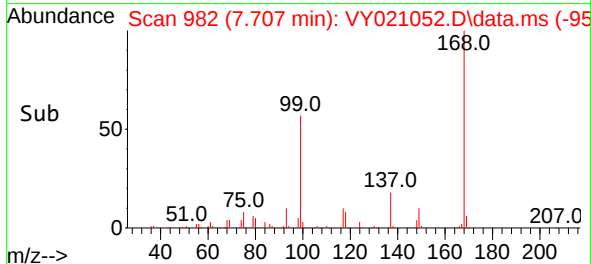
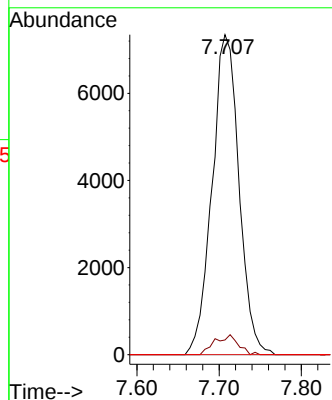


#38
Carbon Tetrachloride
Concen: 4.888 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

Instrument :
MSVOA_Y
ClientSampleId :

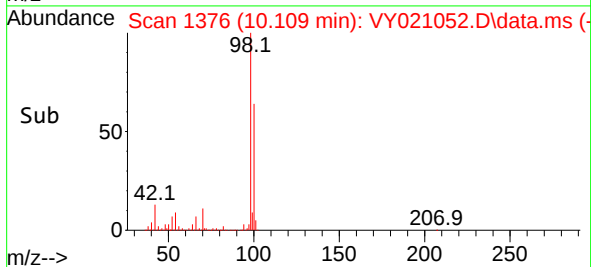
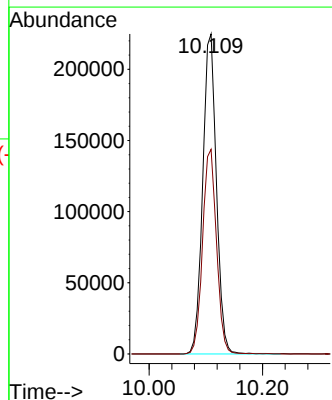
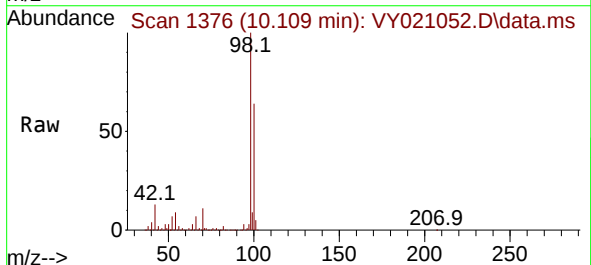


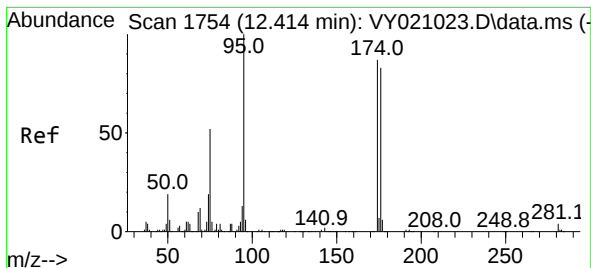
Tgt Ion:117 Resp: 16708
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.021 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

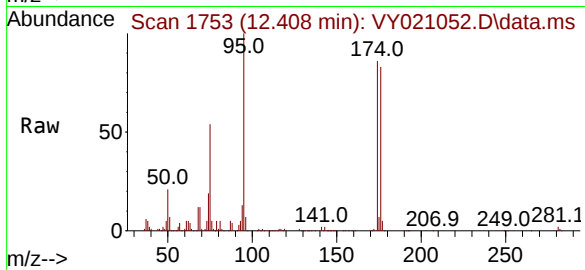
Tgt Ion: 98 Resp: 376112
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



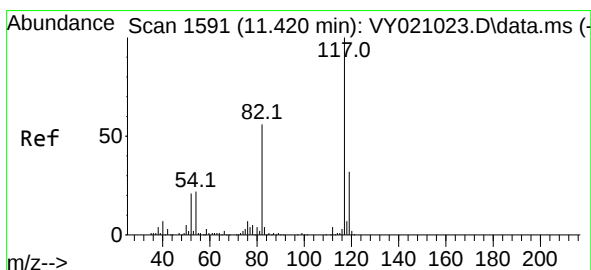
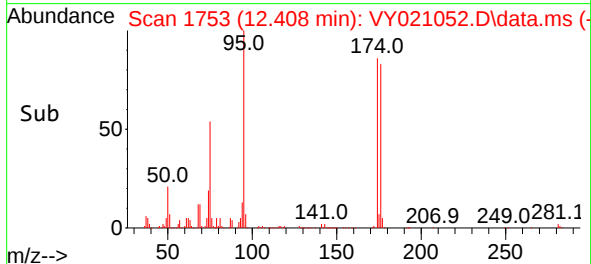
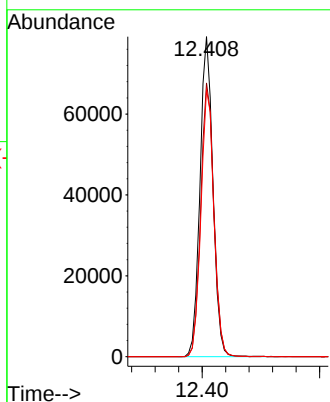


#62
4-Bromofluorobenzene
Concen: 49.134 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

Instrument :
MSVOA_Y
ClientSampleId :

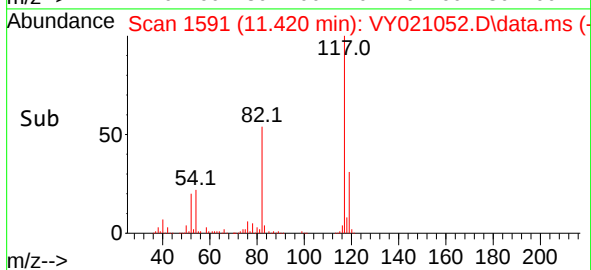
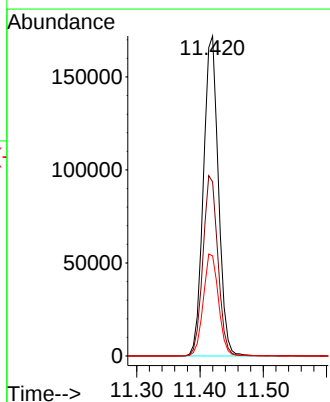
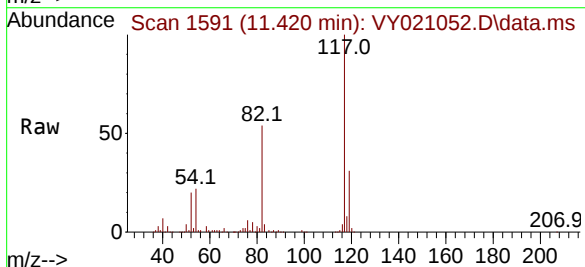


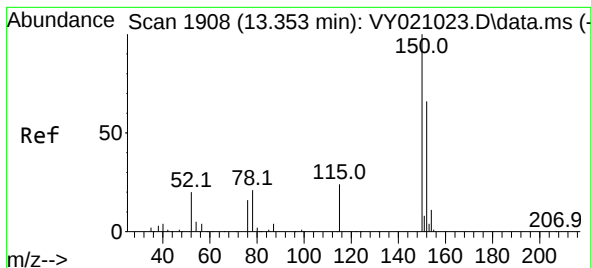
Tgt Ion: 95 Resp: 120696
Ion Ratio Lower Upper
95 100
174 87.1 0.0 160.0
176 84.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021052.D
Acq: 04 Feb 2025 12:42

Tgt Ion: 117 Resp: 283566
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY021052.D

Acq: 04 Feb 2025 12:42

Instrument :

MSVOA_Y

ClientSampleId :

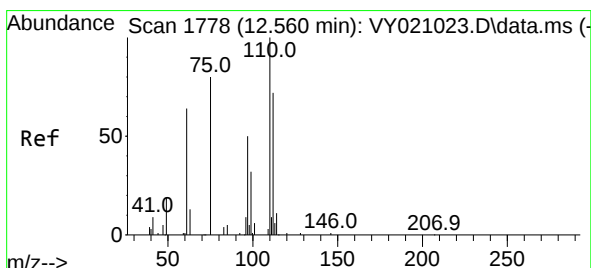
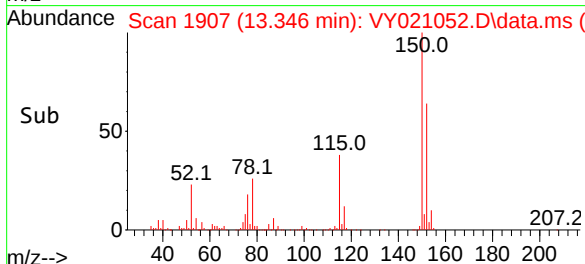
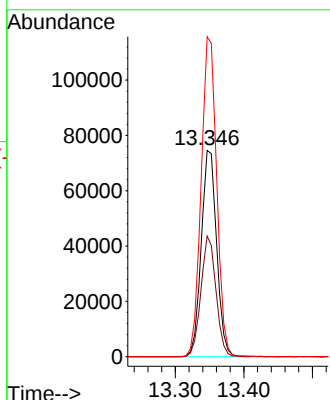
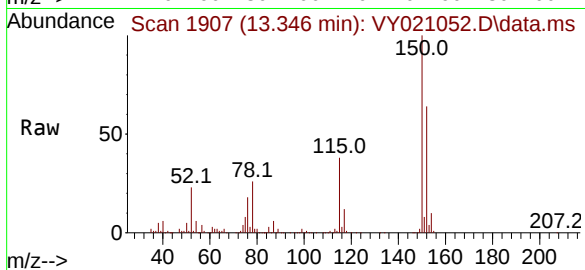
Tgt Ion:152 Resp: 116417

Ion Ratio Lower Upper

152 100

115 57.2 30.0 90.0

150 156.7 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 62.831 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021052.D

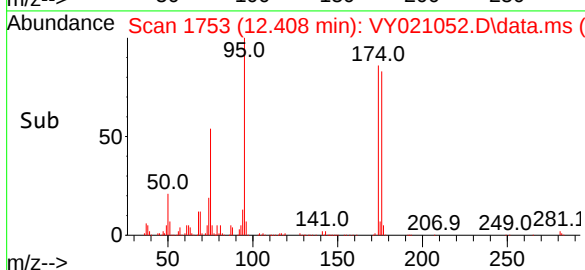
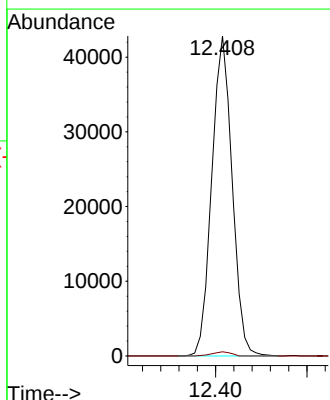
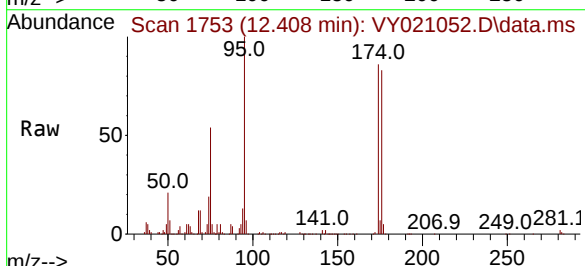
Acq: 04 Feb 2025 12:42

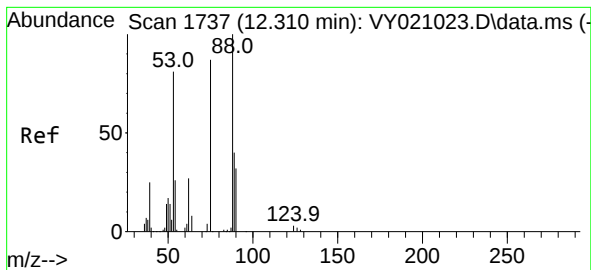
Tgt Ion: 75 Resp: 66352

Ion Ratio Lower Upper

75 100

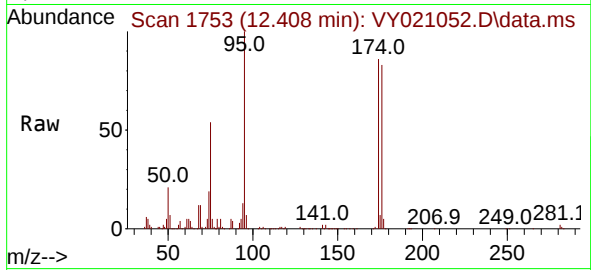
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.205 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021052.D
 Acq: 04 Feb 2025 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 66352
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.0 111.0#
 89 0.0 36.5 54.7#

