

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021013.D
 Acq On : 31 Jan 2025 16:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:26:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

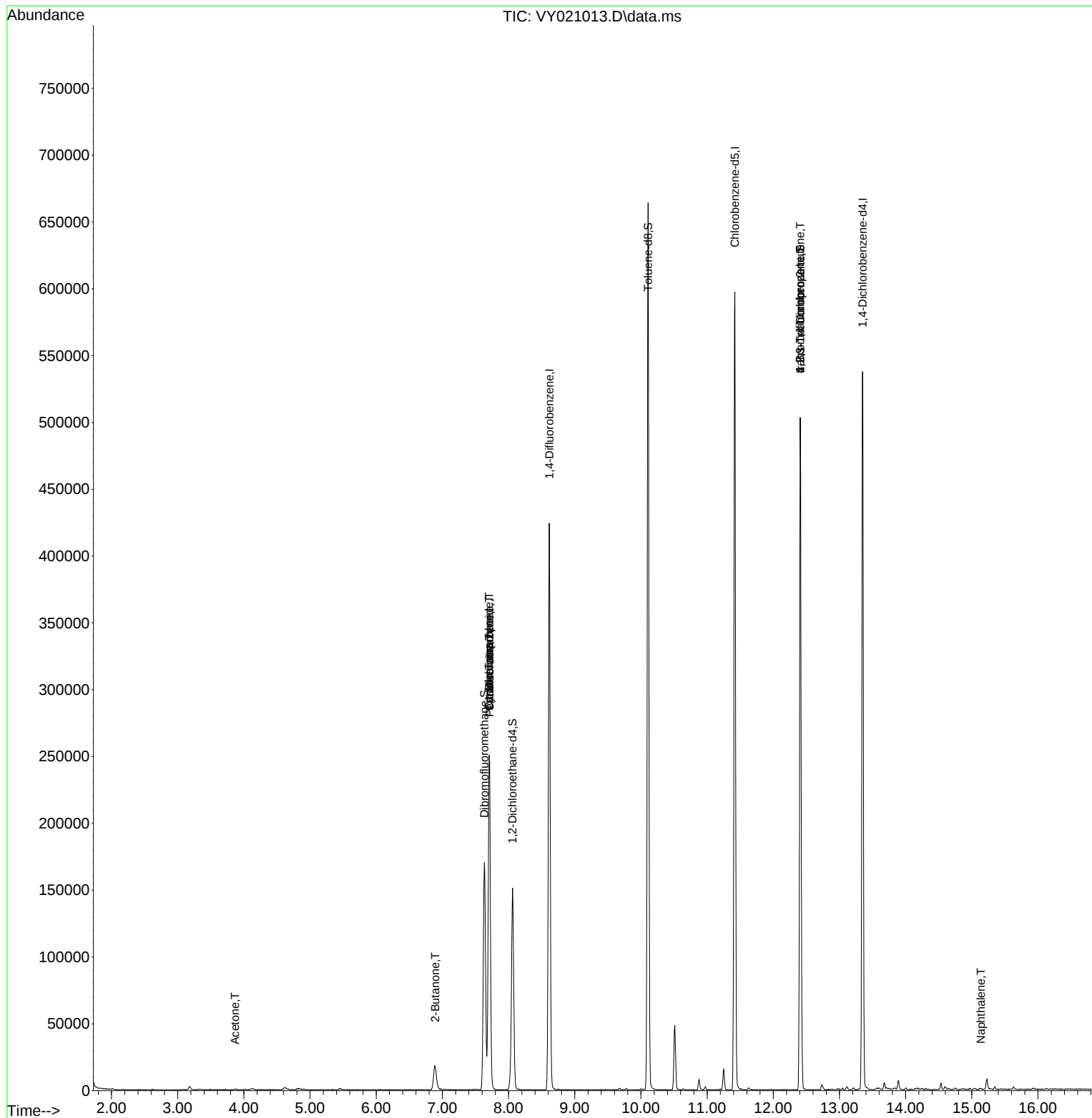
Internal Standards						
1) Pentafluorobenzene	7.713	168	208070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	369169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	343532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	147549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	116256	65.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.240%	
35) Dibromofluoromethane	7.634	113	120919	54.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.960%	
50) Toluene-d8	10.109	98	436259	50.362	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.407	95	147163	50.629	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	936	3.877	ug/l #	81
25) 2-Butanone	6.890	43	1044	2.549	ug/l #	44
31) Cyclohexane	7.707	56	3186	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	13915	4.395	ug/l #	50
38) Carbon Tetrachloride	7.707	117	19914	5.083	ug/l #	16
76) 1,2,3-Trichloropropane	12.407	75	74027	63.377	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	74027	131.560	ug/l #	15
95) Naphthalene	15.138	128	306	4.055	ug/l #	69

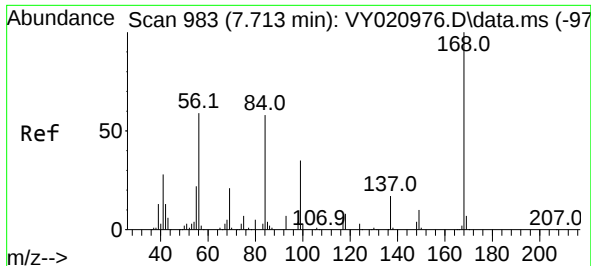
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021013.D
Acq On : 31 Jan 2025 16:30
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 22:26:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

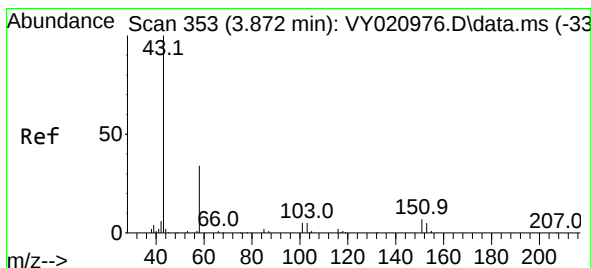
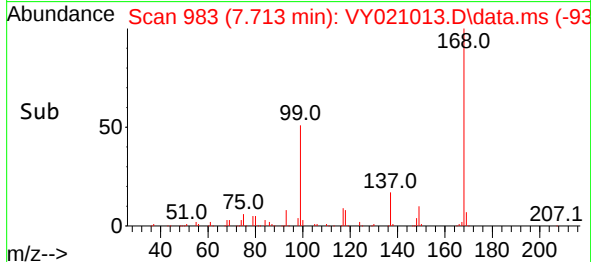
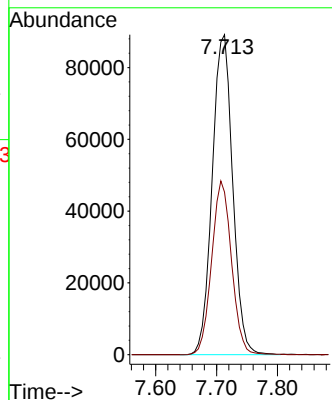
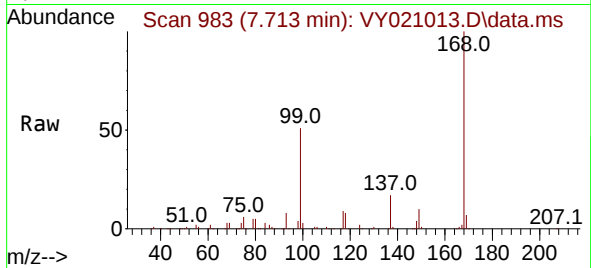




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021013.D
Acq: 31 Jan 2025 16:30

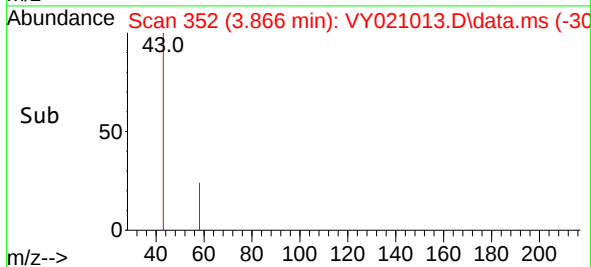
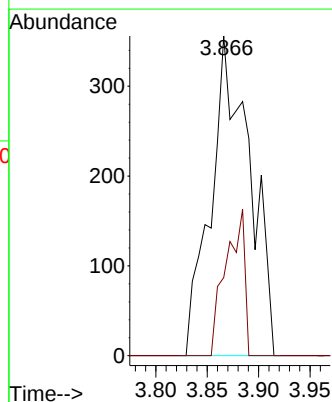
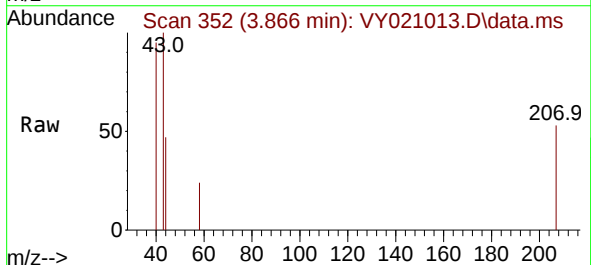
Instrument :
MSVOA_Y
ClientSampleId :

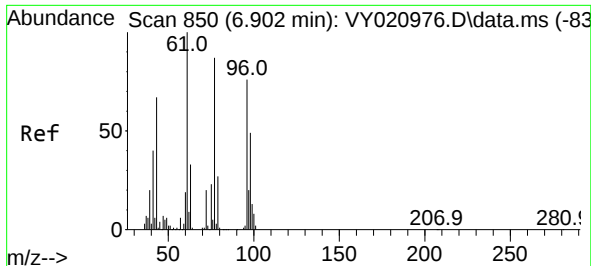
Tgt Ion:168 Resp: 208070
Ion Ratio Lower Upper
168 100
99 50.8 42.2 63.2



#16
Acetone
Concen: 3.877 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021013.D
Acq: 31 Jan 2025 16:30

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 24.4 28.4 42.6#

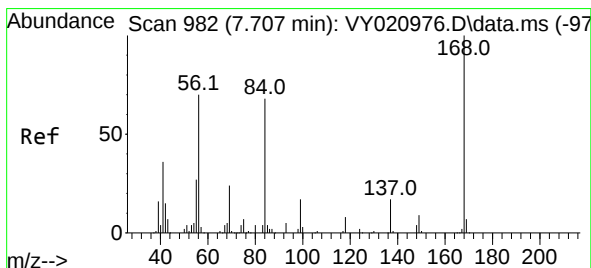
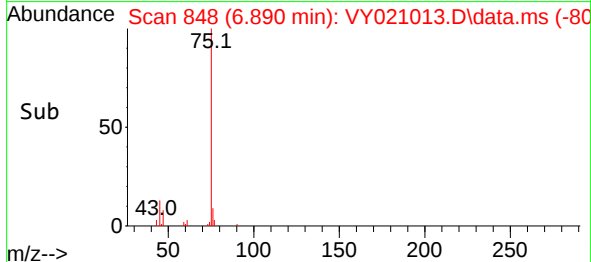
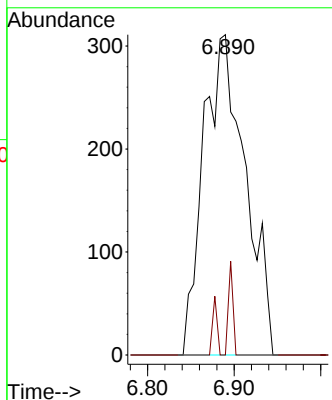
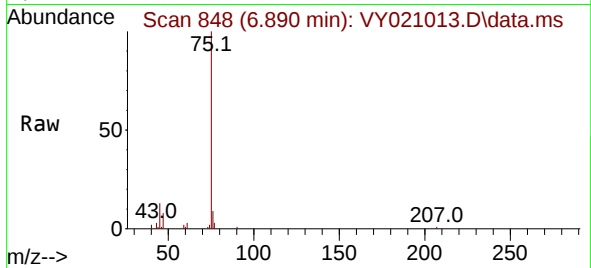




#25
2-Butanone
Concen: 2.549 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY021013.D
Acq: 31 Jan 2025 16:30

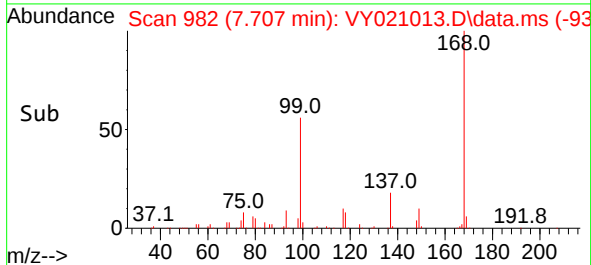
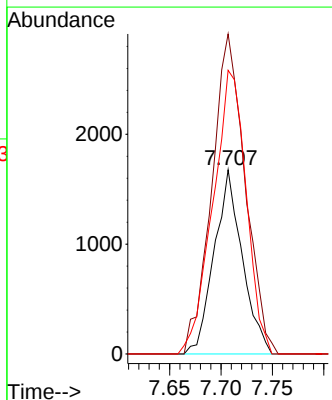
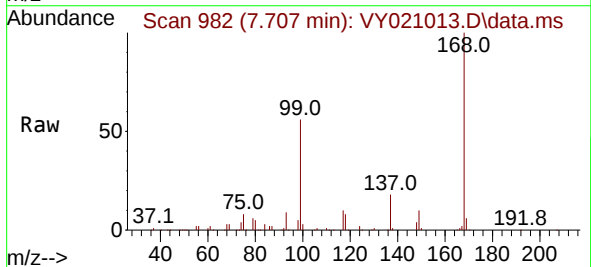
Instrument :
MSVOA_Y
ClientSampleId :

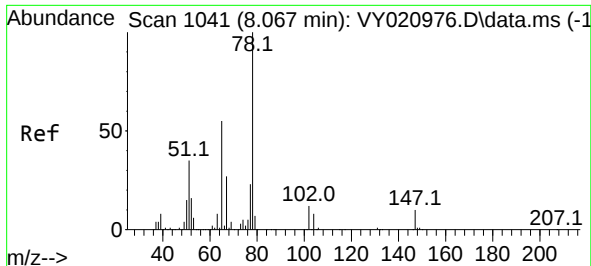
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
72 0.0 24.3 36.5#



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021013.D
Acq: 31 Jan 2025 16:30

Tgt Ion: 56 Resp: 3186
Ion Ratio Lower Upper
56 100
69 173.8 27.7 41.5#
84 154.0 77.5 116.3#





#33

1,2-Dichloroethane-d4

Concen: 65.625 ug/l

RT: 8.060 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021013.D

Acq: 31 Jan 2025 16:30

Instrument :

MSVOA_Y

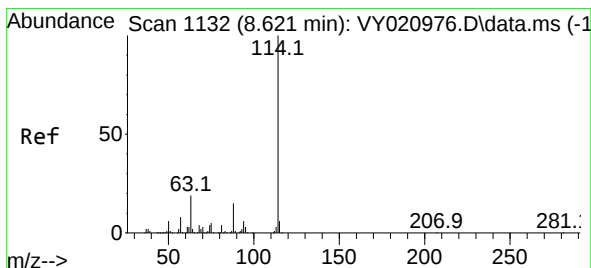
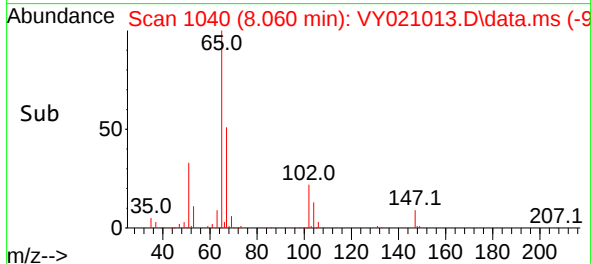
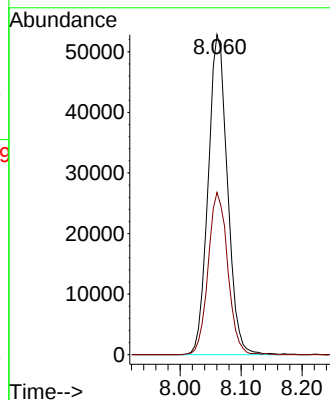
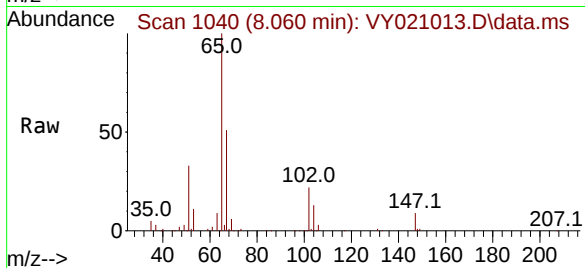
ClientSampleId :

Tgt Ion: 65 Resp: 116256

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021013.D

Acq: 31 Jan 2025 16:30

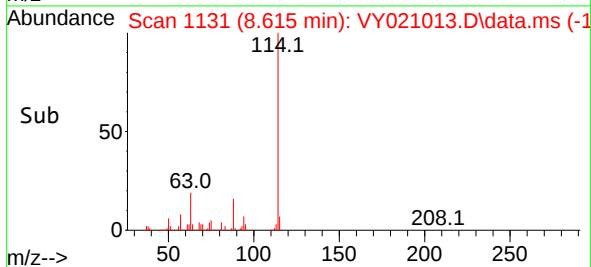
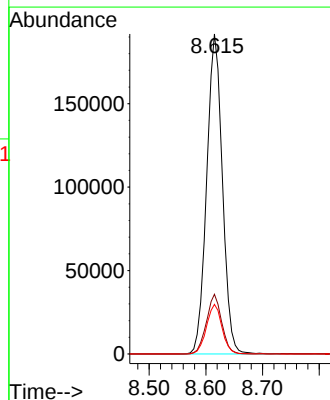
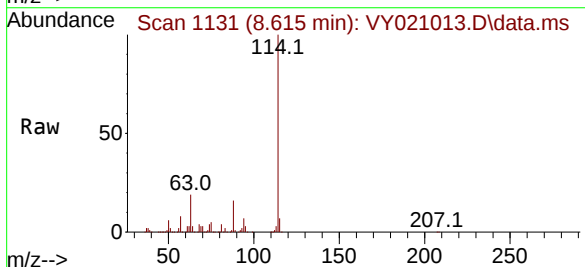
Tgt Ion: 114 Resp: 369169

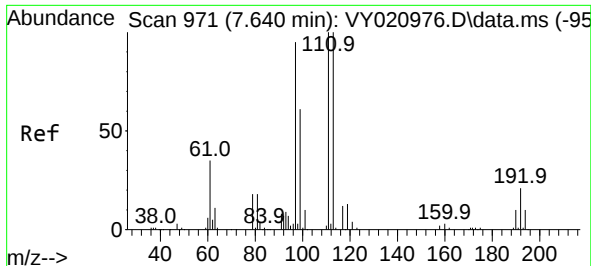
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.2

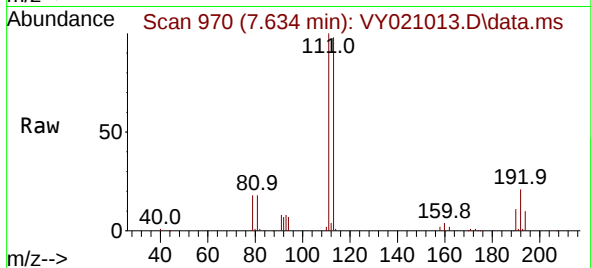
88 15.5 0.0 29.6



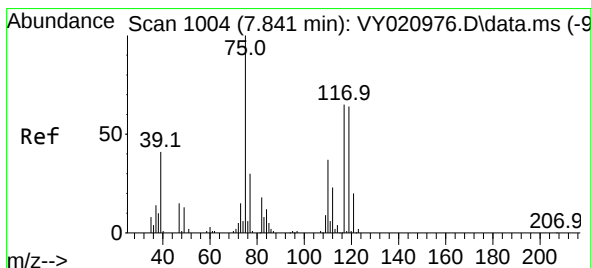
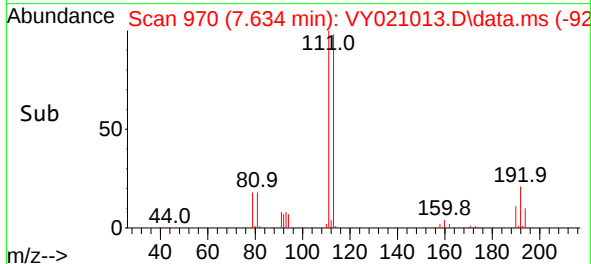
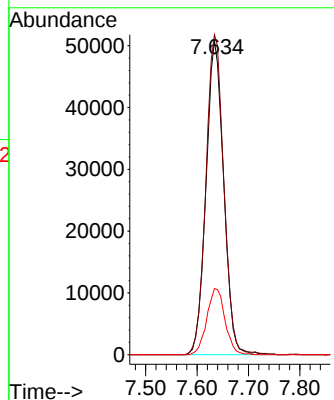


#35
 Dibromofluoromethane
 Concen: 54.483 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021013.D
 Acq: 31 Jan 2025 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :

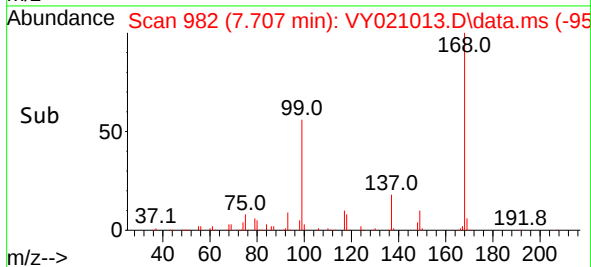
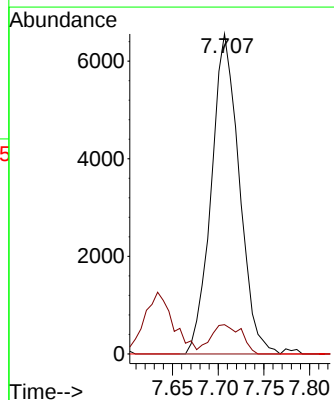
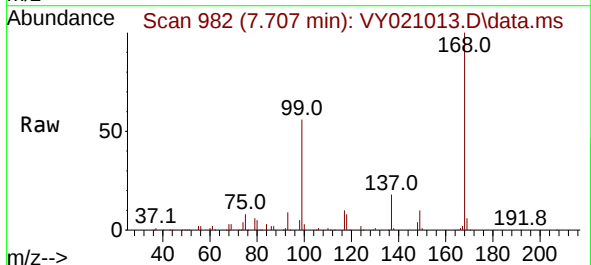


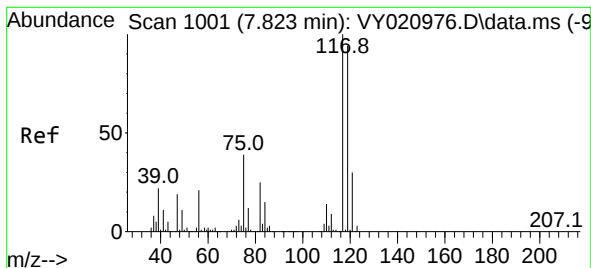
Tgt Ion:	113	Resp:	120919
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	21.7	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.134 min
 Lab File: VY021013.D
 Acq: 31 Jan 2025 16:30

Tgt Ion:	75	Resp:	13915
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.4	55.2#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.083 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

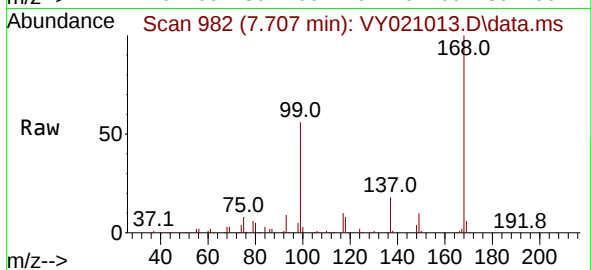
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Acq: 31 Jan 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :



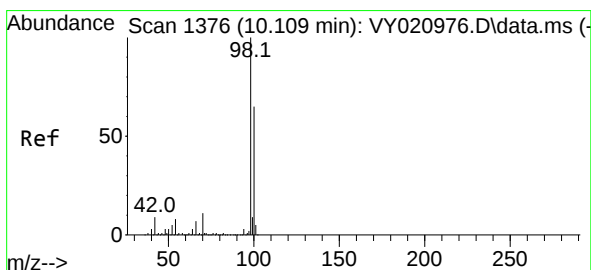
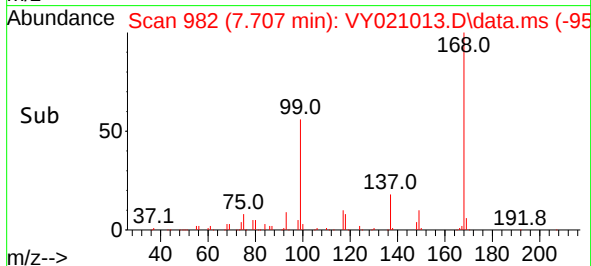
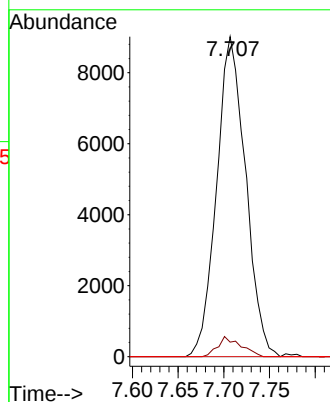
Tgt Ion:117 Resp: 19914

Ion Ratio Lower Upper

117 100

119 4.5 75.0 112.6#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 50.362 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021013.D

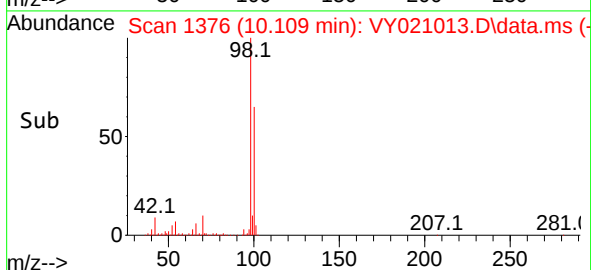
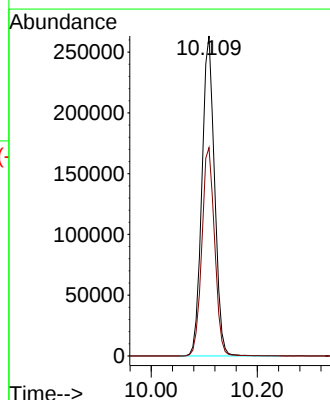
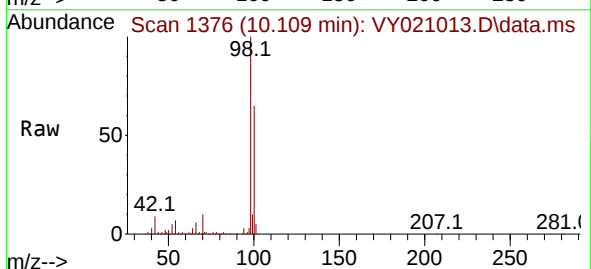
Acq: 31 Jan 2025 16:30

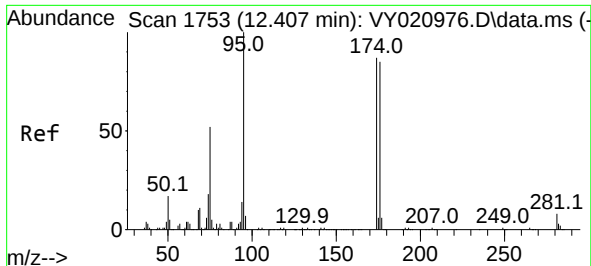
Tgt Ion: 98 Resp: 436259

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0

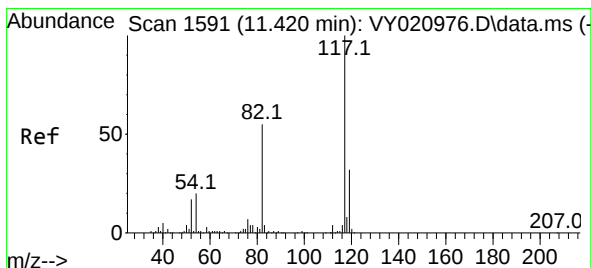
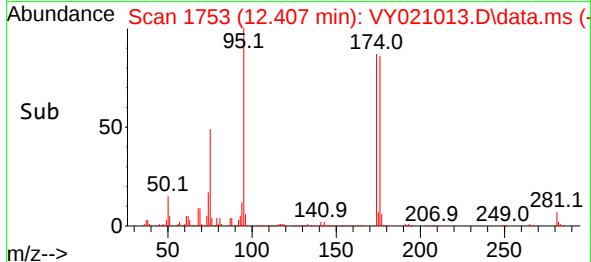
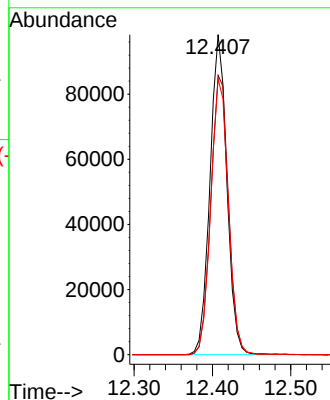
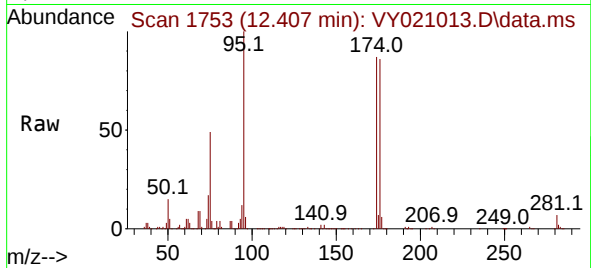




#62
4-Bromofluorobenzene
Concen: 50.629 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021013.D
Acq: 31 Jan 2025 16:30

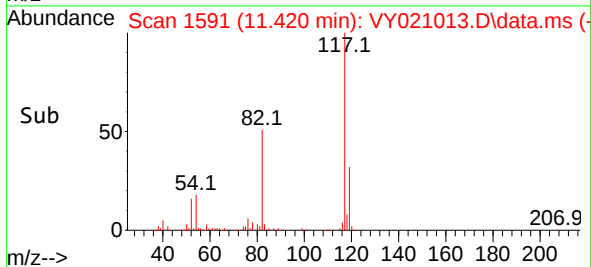
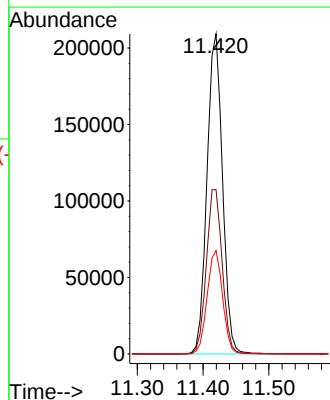
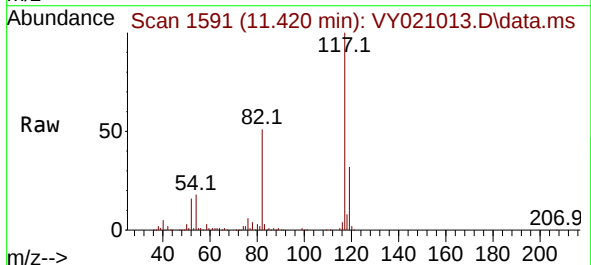
Instrument :
MSVOA_Y
ClientSampleId :

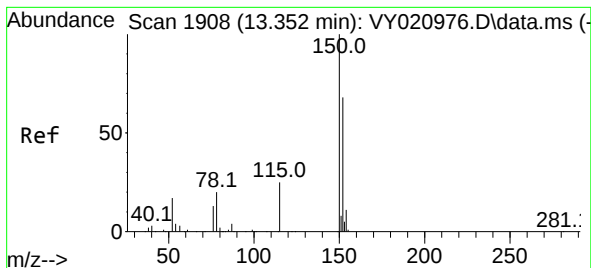
Tgt Ion: 95 Resp: 147163
Ion Ratio Lower Upper
95 100
174 91.2 0.0 181.2
176 89.2 0.0 175.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021013.D
Acq: 31 Jan 2025 16:30

Tgt Ion: 117 Resp: 343532
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021013.D

Acq: 31 Jan 2025 16:30

Instrument :

MSVOA_Y

ClientSampleId :

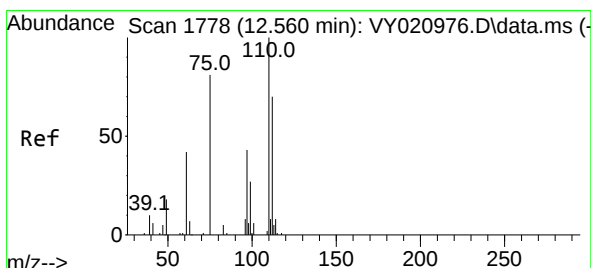
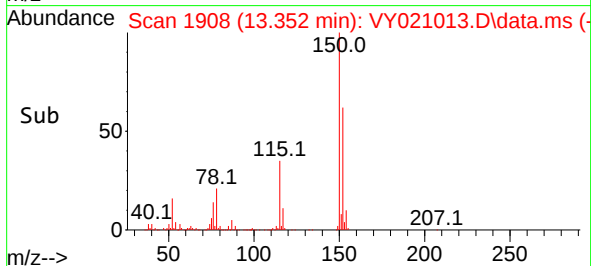
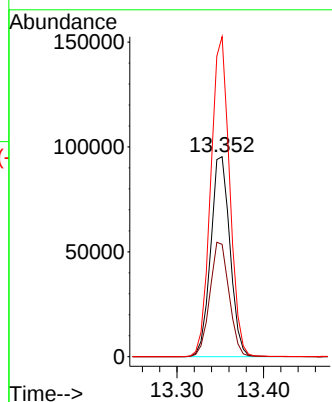
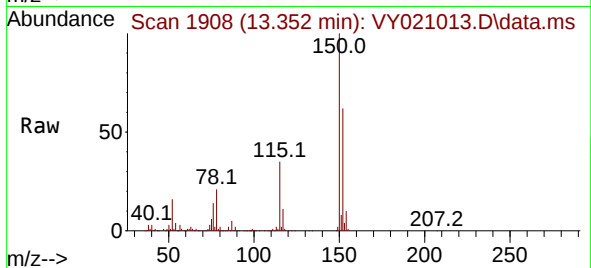
Tgt Ion:152 Resp: 147549

Ion Ratio Lower Upper

152 100

115 57.1 28.4 85.2

150 156.5 0.0 342.8



#76

1,2,3-Trichloropropane

Concen: 63.377 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021013.D

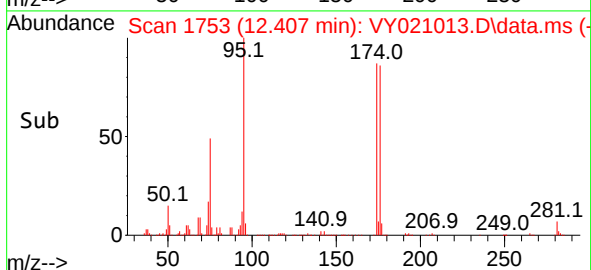
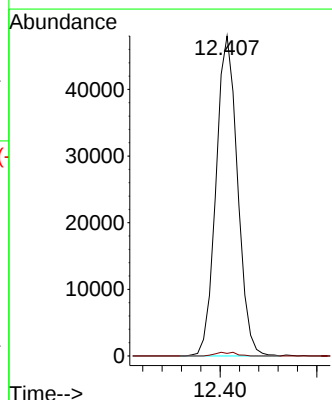
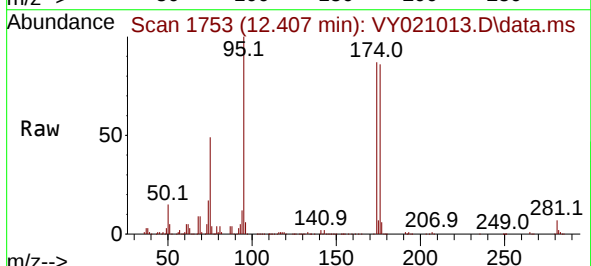
Acq: 31 Jan 2025 16:30

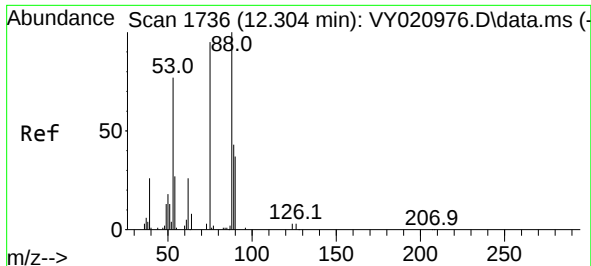
Tgt Ion: 75 Resp: 74027

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

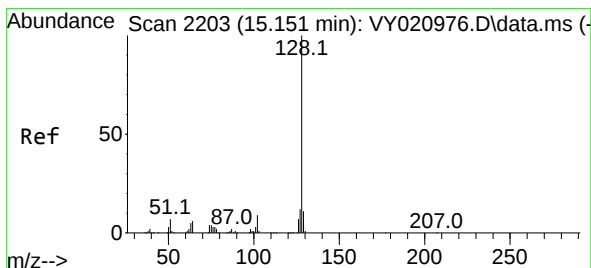
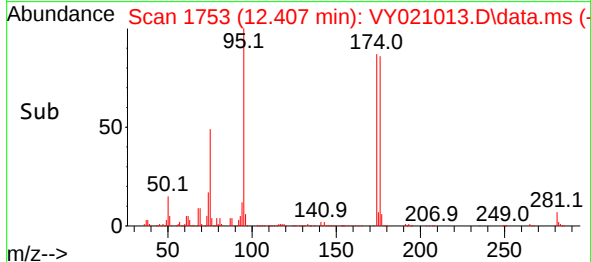
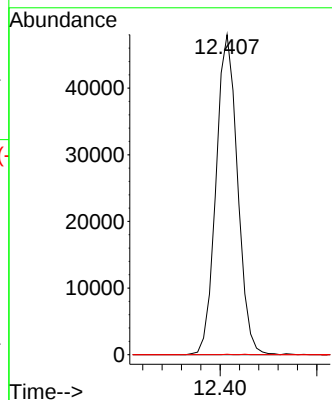
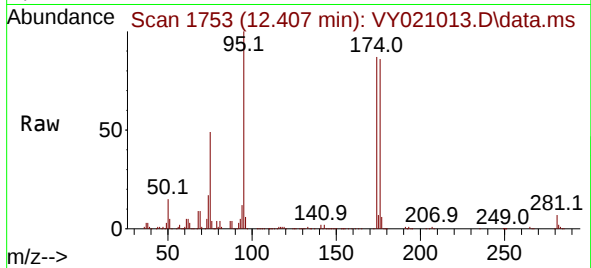




#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.560 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021013.D
 Acq: 31 Jan 2025 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 74027
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 103.0#
 89 0.0 38.1 57.1#



#95
 Naphthalene
 Concen: 4.055 ug/l
 RT: 15.138 min Scan# 2201
 Delta R.T. -0.013 min
 Lab File: VY021013.D
 Acq: 31 Jan 2025 16:30

Tgt Ion:128 Resp: 306
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.8 13.2#

