

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021160.D
 Acq On : 10 Feb 2025 17:32
 Operator : SY/MD
 Sample : Q1343-11
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:32:32 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)

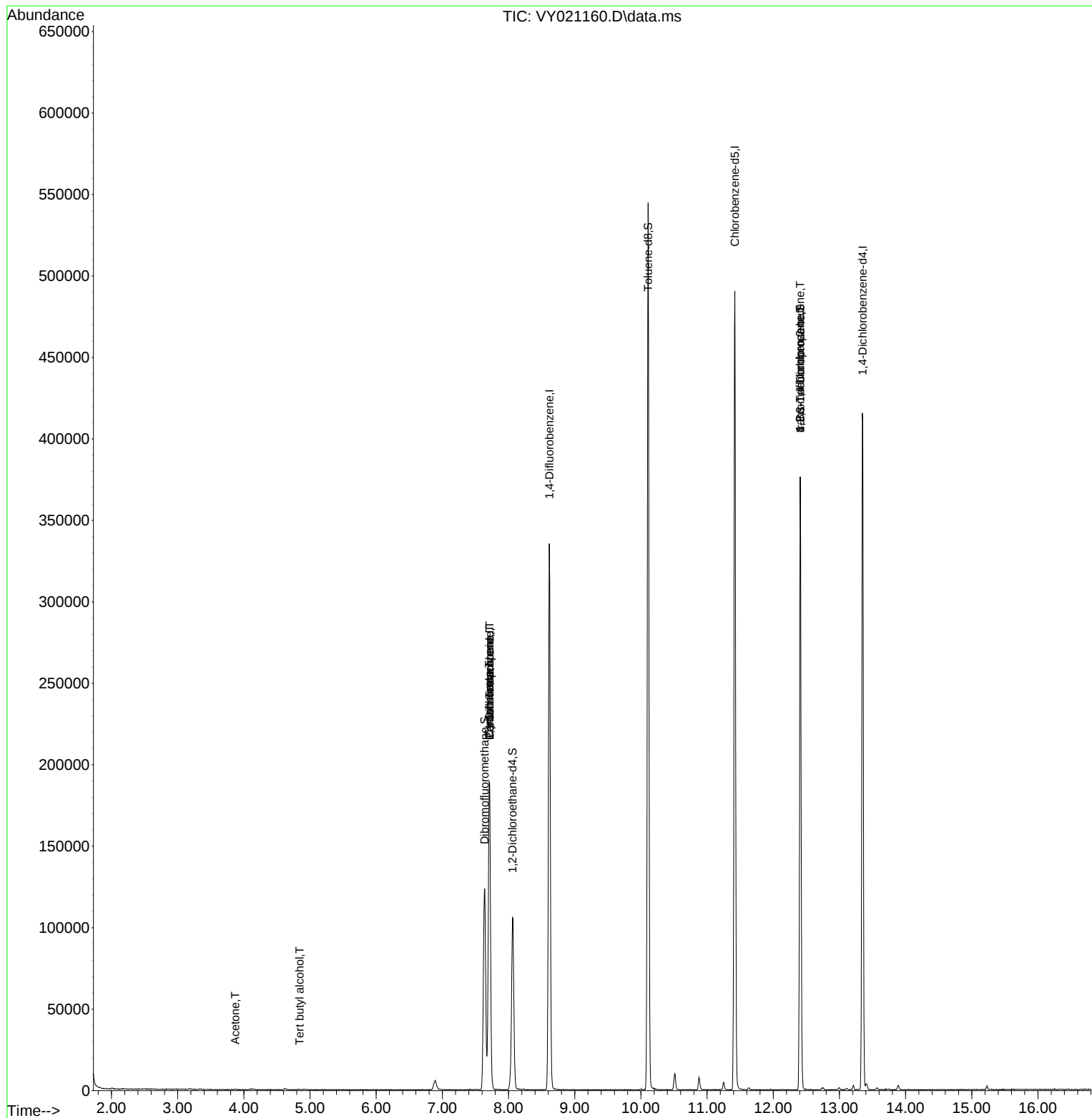
Internal Standards						
1) Pentafluorobenzene	7.713	168	148329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	276482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	257091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	103688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	82082	54.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.020%	
35) Dibromofluoromethane	7.640	113	88776	50.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.109	98	338989	50.253	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.408	95	107604	48.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	105	1.020	ug/l #	75
16) Acetone	3.872	43	577	2.435	ug/l	98
31) Cyclohexane	7.707	56	3206	1.237	ug/l #	26
36) 1,1-Dichloropropene	7.713	75	12580	4.793	ug/l #	51
38) Carbon Tetrachloride	7.713	117	15452	5.039	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	60019	63.811	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	60019	130.205	ug/l #	12

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

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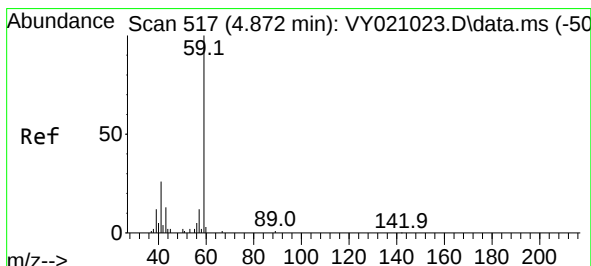
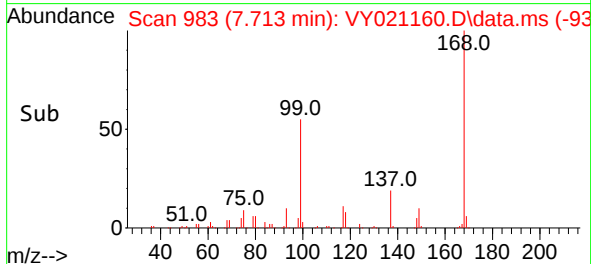
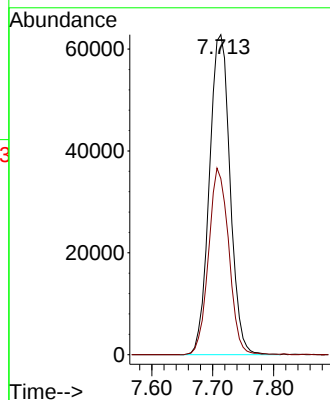
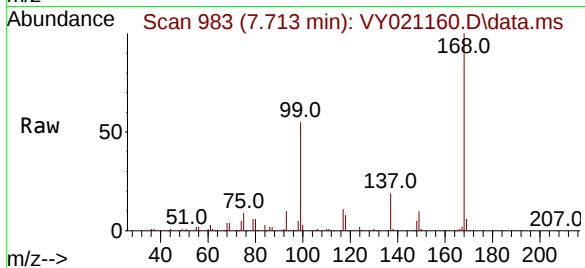




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021160.D
Acq: 10 Feb 2025 17:32

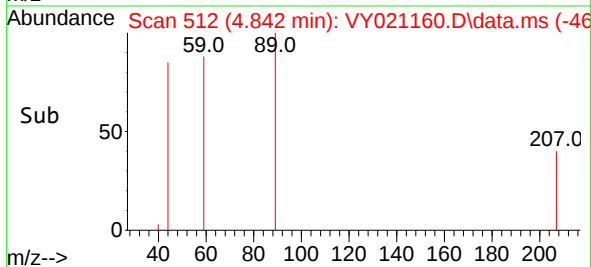
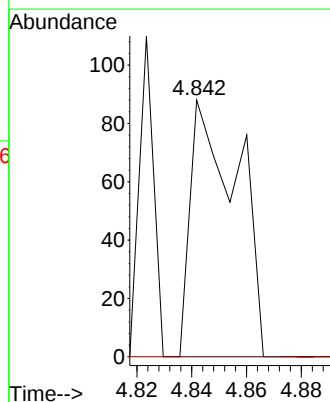
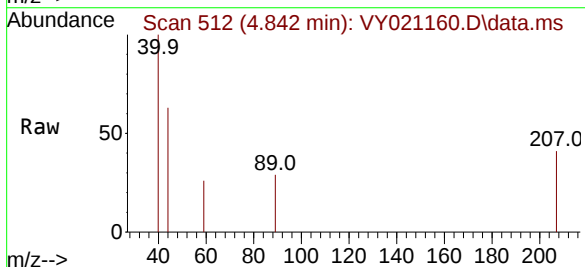
Instrument :
MSVOA_Y
ClientSampleId :

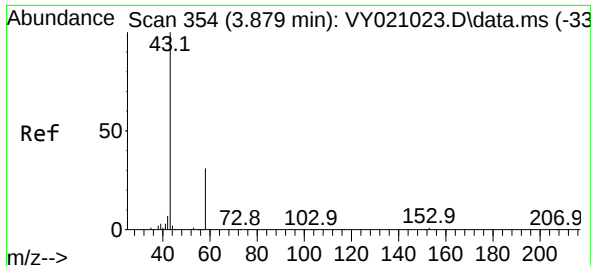
Tgt Ion:168 Resp: 148329
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.020 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.031 min
Lab File: VY021160.D
Acq: 10 Feb 2025 17:32

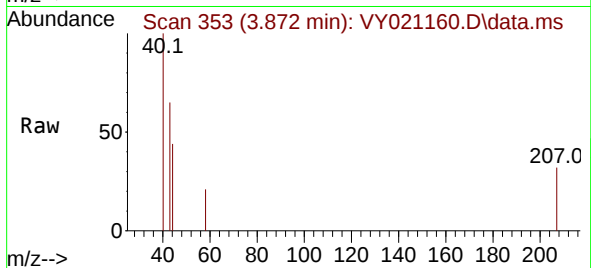
Tgt Ion: 59 Resp: 105
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



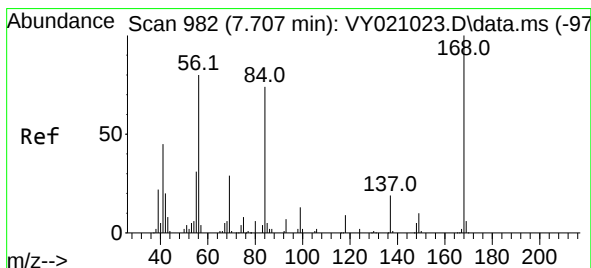
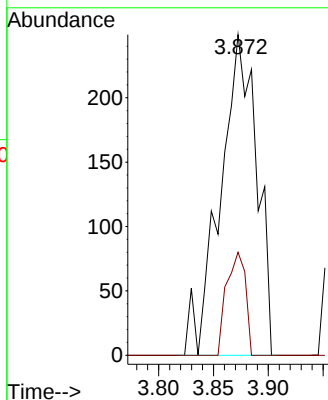
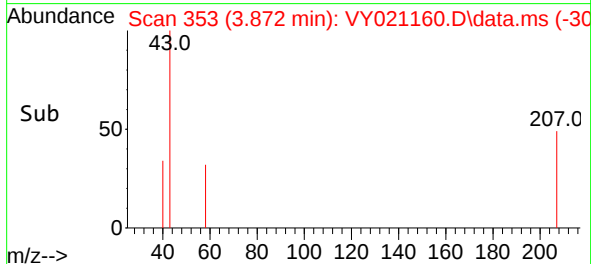


#16
Acetone
Concen: 2.435 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021160.D
Acq: 10 Feb 2025 17:32

Instrument :
MSVOA_Y
ClientSampleId :

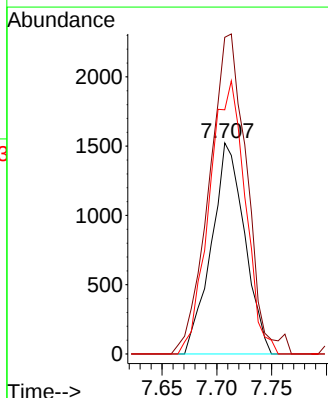
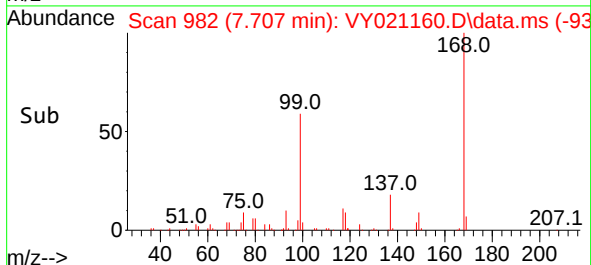
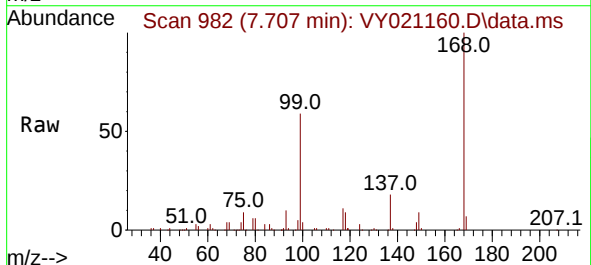


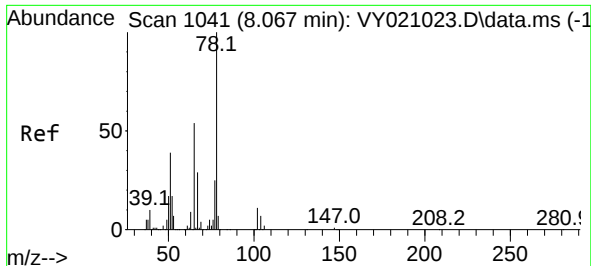
Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 32.1 26.6 39.8



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY021160.D
Acq: 10 Feb 2025 17:32

Tgt Ion: 56 Resp: 3206
Ion Ratio Lower Upper
56 100
69 145.9 27.0 40.6#
84 115.7 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 54.010 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021160.D

Acq: 10 Feb 2025 17:32

Instrument :

MSVOA_Y

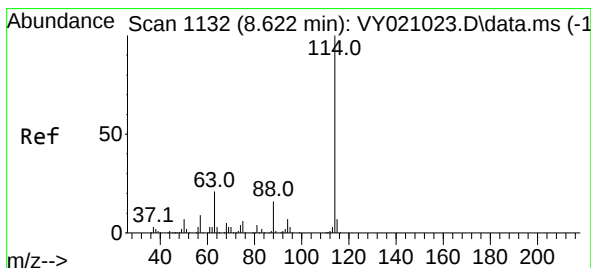
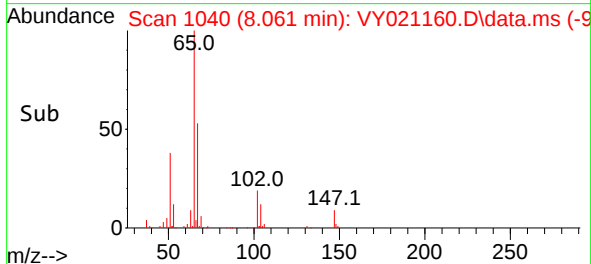
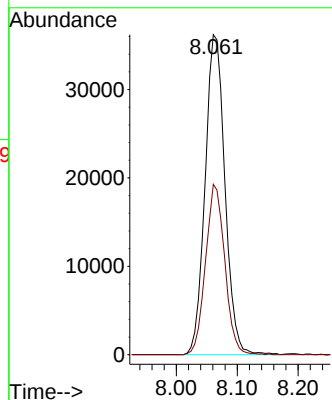
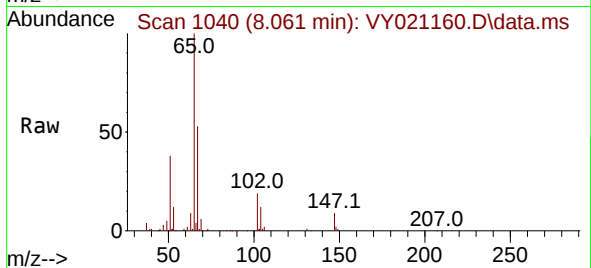
ClientSampleId :

Tgt Ion: 65 Resp: 82082

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021160.D

Acq: 10 Feb 2025 17:32

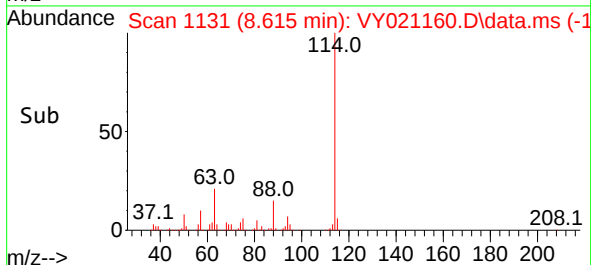
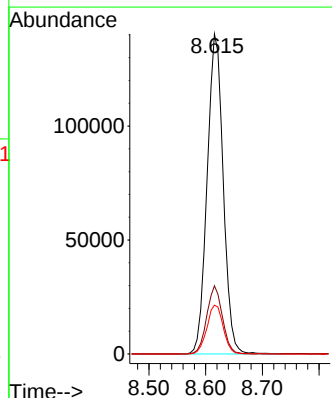
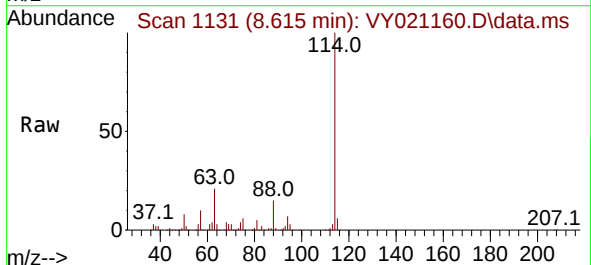
Tgt Ion: 114 Resp: 276482

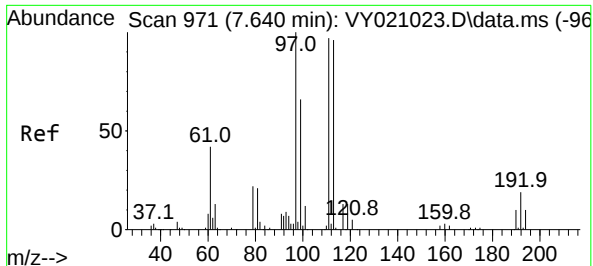
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

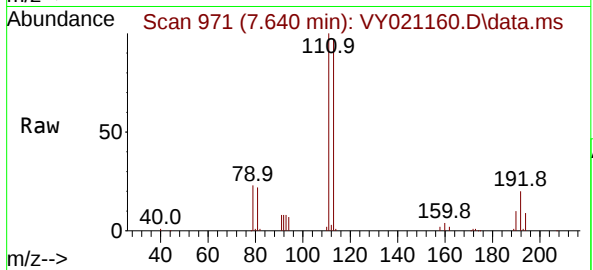
88 15.2 0.0 29.0



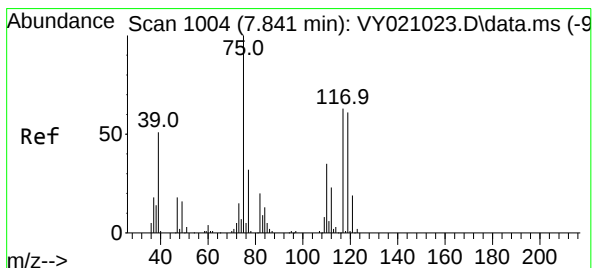
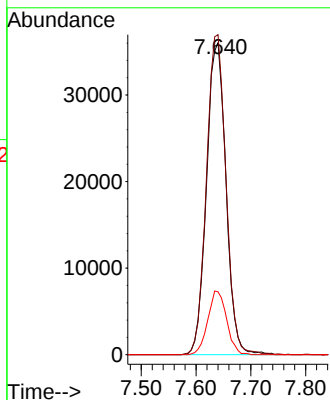
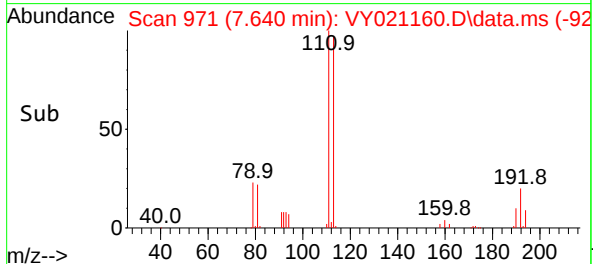


#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021160.D
Acq: 10 Feb 2025 17:32

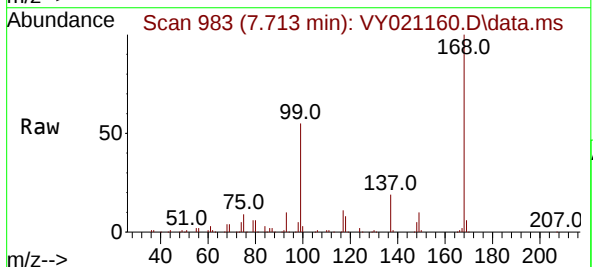
Instrument :
MSVOA_Y
ClientSampleId :



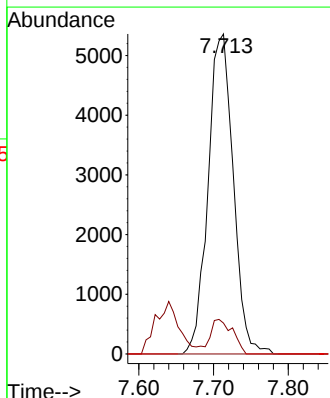
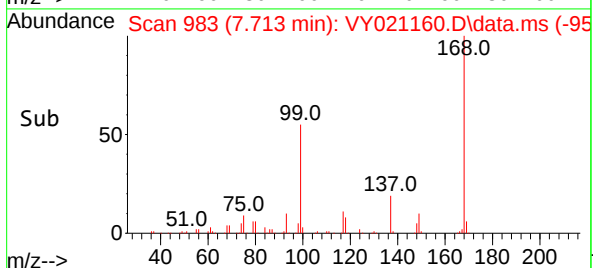
Tgt Ion:113 Resp: 88776
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 19.7 14.5 21.7

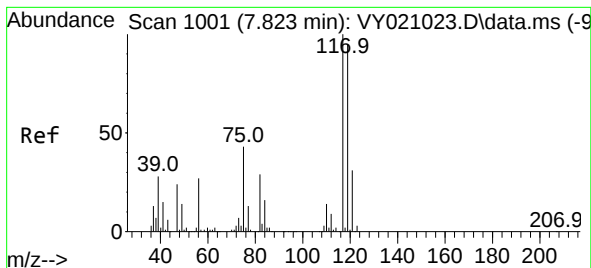


#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021160.D
Acq: 10 Feb 2025 17:32



Tgt Ion: 75 Resp: 12580
Ion Ratio Lower Upper
75 100
110 9.8 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.039 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.110 min

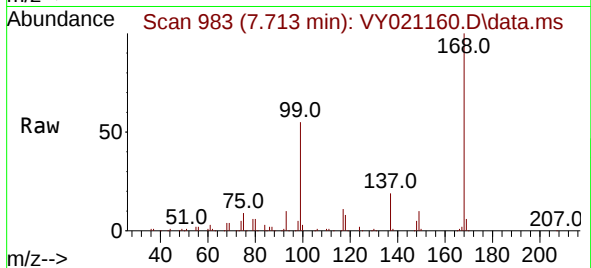
Lab File: VY021160.D

Acq: 10 Feb 2025 17:32

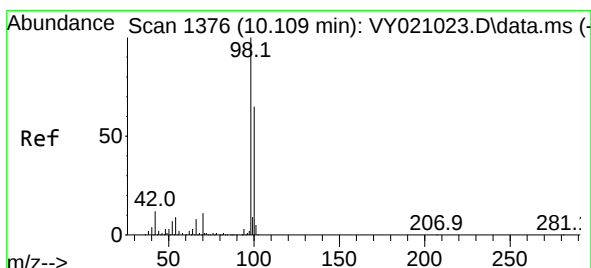
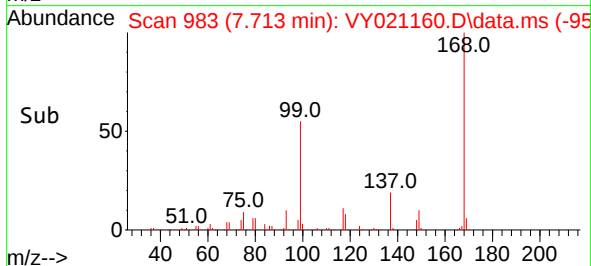
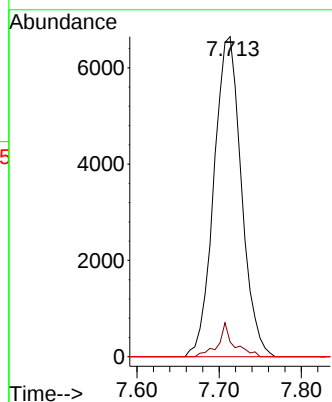
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	15452
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.0	114.0#
121	0.0	24.2	36.2#



#50

Toluene-d8

Concen: 50.253 ug/l

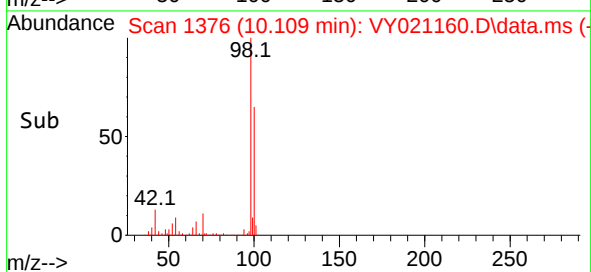
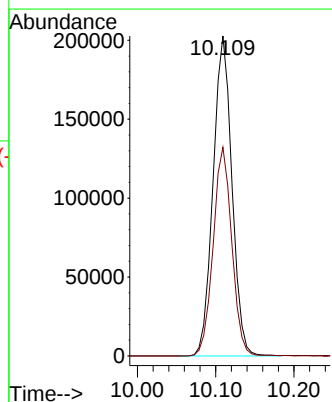
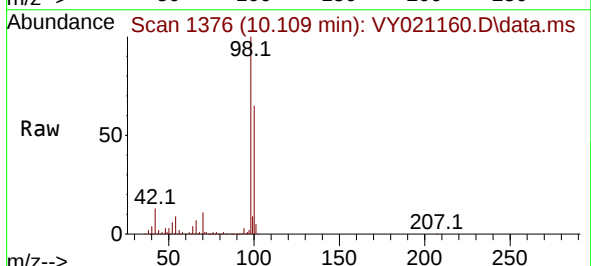
RT: 10.109 min Scan# 1376

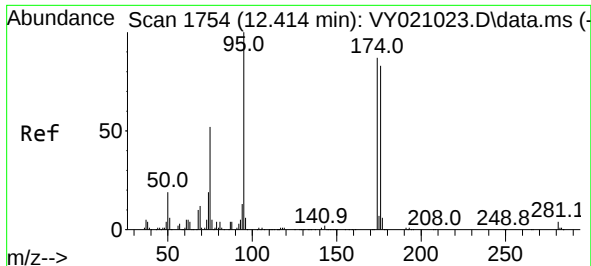
Delta R.T. -0.000 min

Lab File: VY021160.D

Acq: 10 Feb 2025 17:32

Tgt Ion:	98	Resp:	338989
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5





#62

4-Bromofluorobenzene

Concen: 48.827 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021160.D

Acq: 10 Feb 2025 17:32

Instrument :

MSVOA_Y

ClientSampleId :

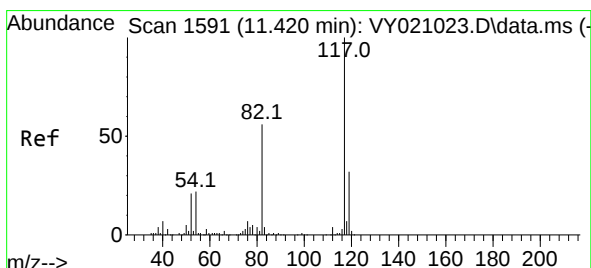
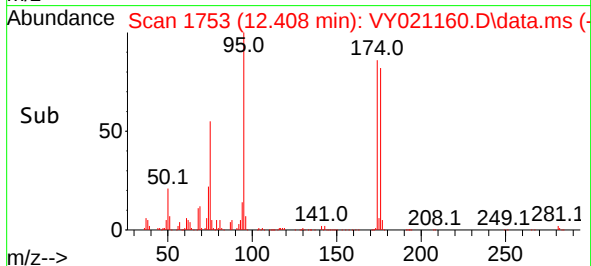
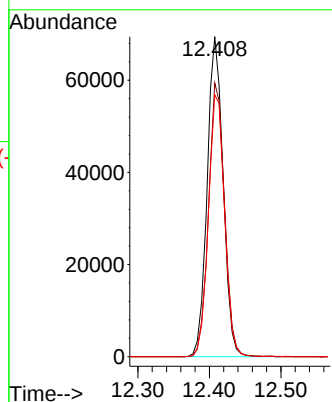
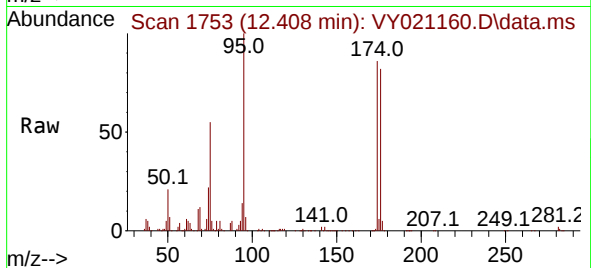
Tgt Ion: 95 Resp: 107604

Ion Ratio Lower Upper

95 100

174 85.7 0.0 160.0

176 83.4 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: VY021160.D

Acq: 10 Feb 2025 17:32

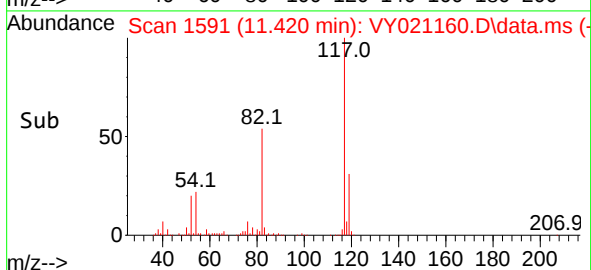
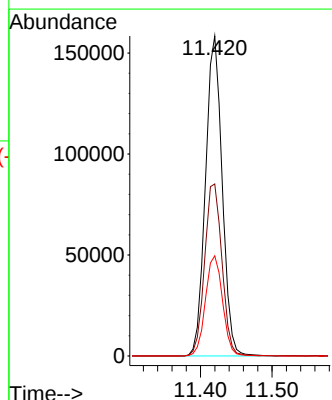
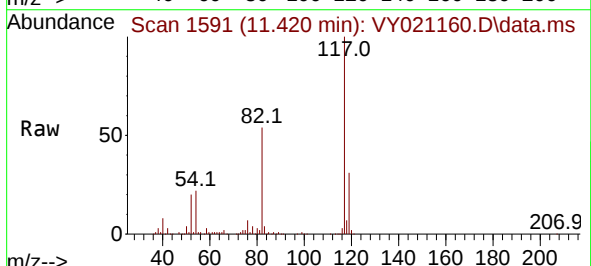
Tgt Ion: 117 Resp: 257091

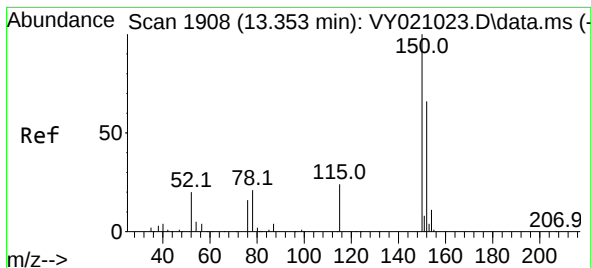
Ion Ratio Lower Upper

117 100

82 53.8 43.8 65.8

119 31.3 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

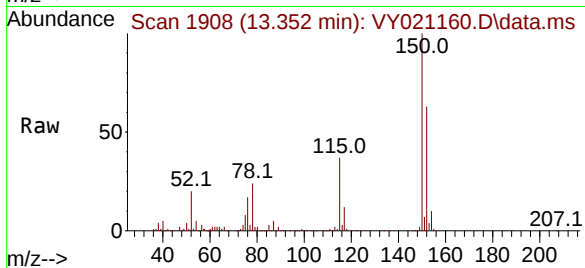
Lab File: VY021160.D

Acq: 10 Feb 2025 17:32

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ClientSampleId :



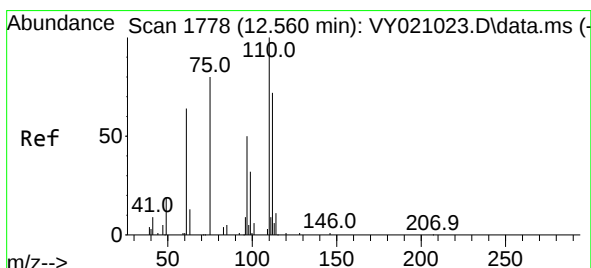
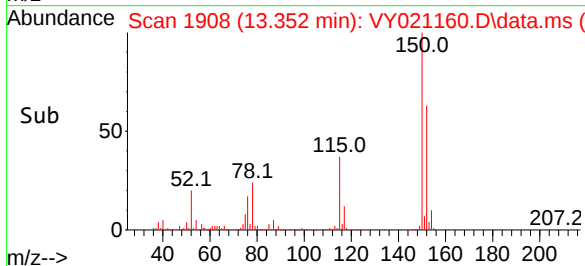
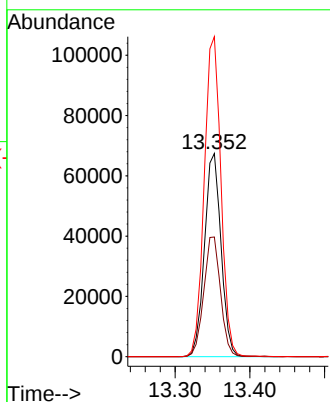
Tgt Ion:152 Resp: 103688

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 158.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 63.811 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021160.D

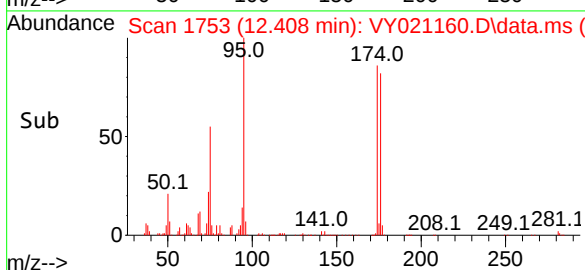
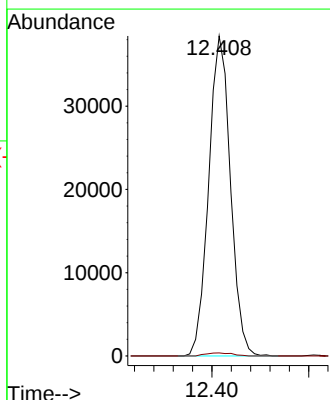
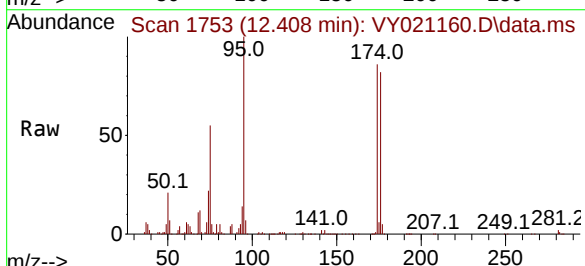
Acq: 10 Feb 2025 17:32

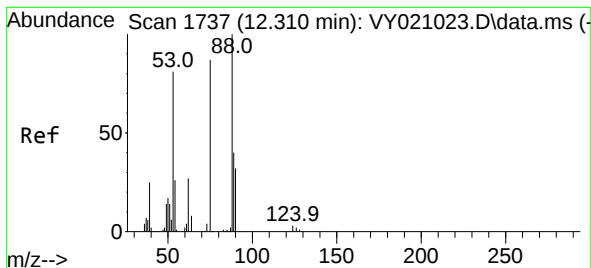
Tgt Ion: 75 Resp: 60019

Ion Ratio Lower Upper

75 100

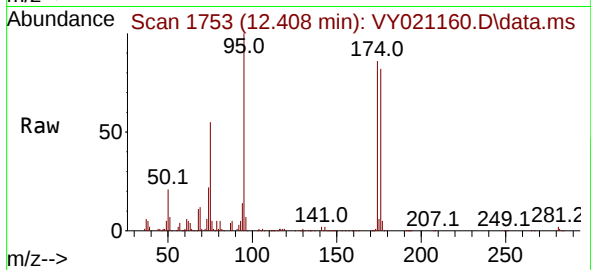
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.205 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021160.D
 Acq: 10 Feb 2025 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60019
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.0 111.0#
 89 0.0 36.5 54.7#

