

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020914.D
 Acq On : 23 Jan 2025 16:42
 Operator : SY/MD
 Sample : Q1169-05RE
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 00:19:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

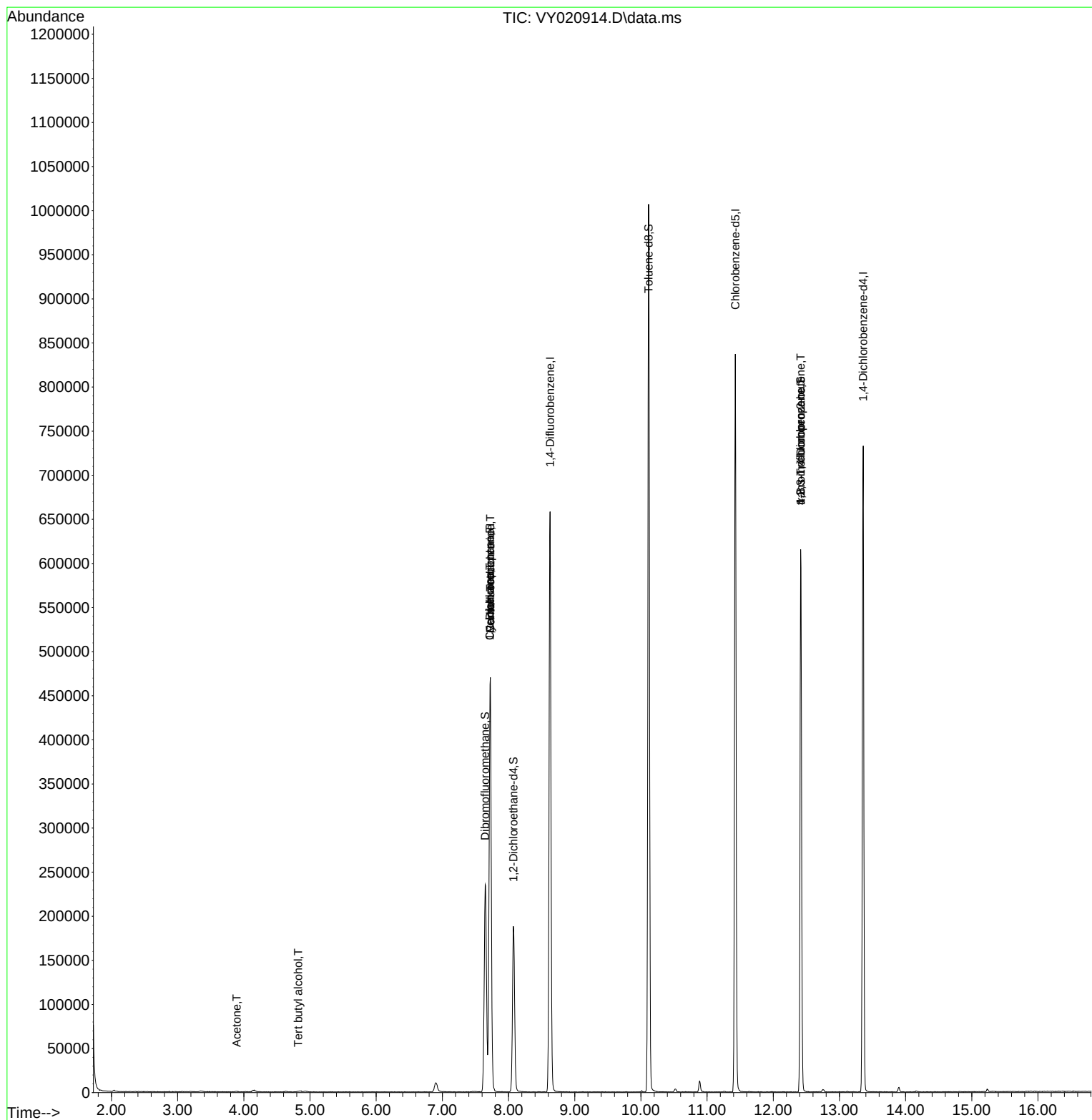
Internal Standards						
1) Pentafluorobenzene	7.726	168	386981	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.628	114	589963	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	462941	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	195338	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	152184	46.268	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.540%		
35) Dibromofluoromethane	7.646	113	172766	46.743	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.480%		
50) Toluene-d8	10.115	98	669793	51.984	ug/l	-0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.960%		
62) 4-Bromofluorobenzene	12.414	95	196929	41.389	ug/l	-0.01
Spiked Amount 50.000	Range 29 - 146		Recovery =	82.780%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.824	59	812	3.267	ug/l #	73
16) Acetone	3.891	43	1109	2.371	ug/l #	79
31) Cyclohexane	7.720	56	6574	1.374	ug/l #	1
36) 1,1-Dichloropropene	7.720	75	27296	5.790	ug/l #	50
38) Carbon Tetrachloride	7.726	117	36812	5.610	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	96769	56.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	96769	119.380	ug/l #	14

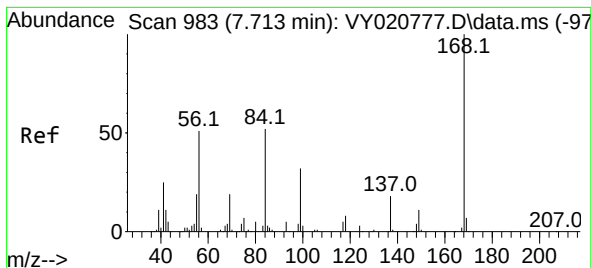
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
Data File : VY020914.D
Acq On : 23 Jan 2025 16:42
Operator : SY/MD
Sample : Q1169-05RE
Misc : 5.49g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 24 00:19:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.726 min Scan# 91

Delta R.T. -0.011 min

Lab File: VY020914.D

Acq: 23 Jan 2025 16:42

Instrument :

MSVOA_Y

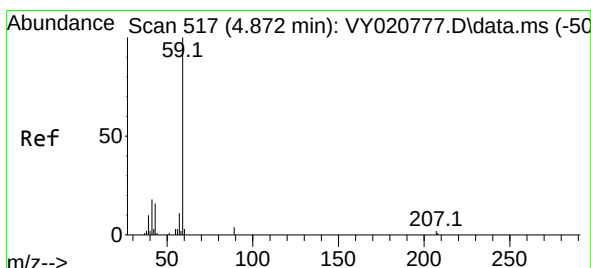
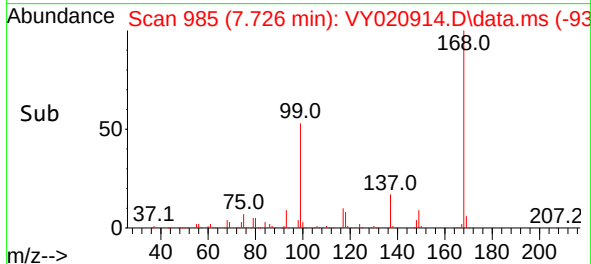
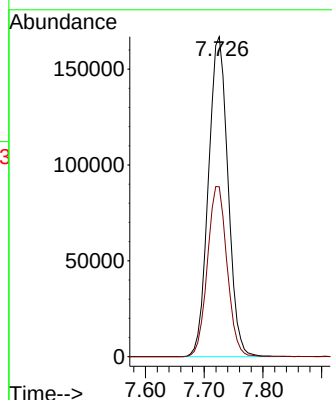
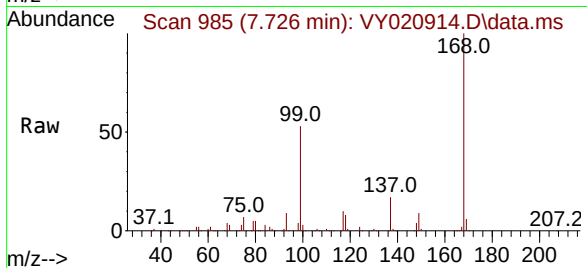
ClientSampleId :

Tgt Ion:168 Resp: 386981

Ion Ratio Lower Upper

168 100

99 53.1 44.3 66.5



#11

Tert butyl alcohol

Concen: 3.267 ug/l

RT: 4.824 min Scan# 509

Delta R.T. -0.103 min

Lab File: VY020914.D

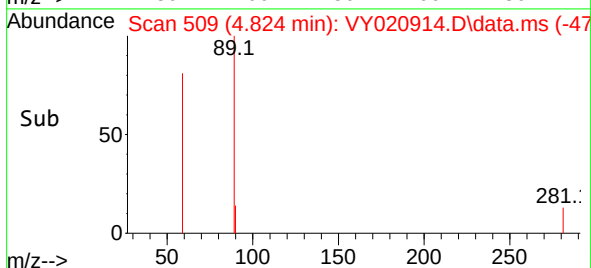
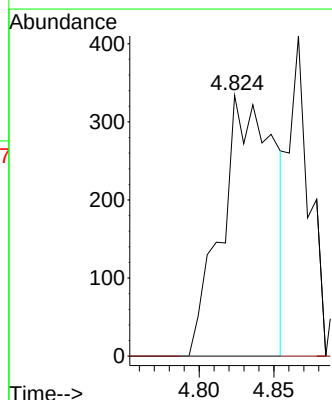
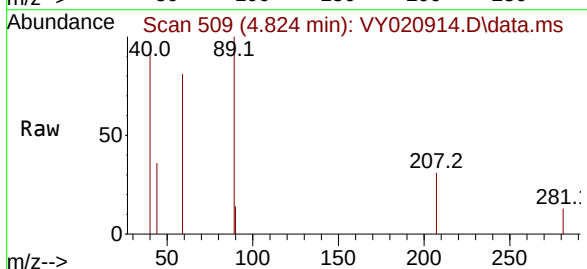
Acq: 23 Jan 2025 16:42

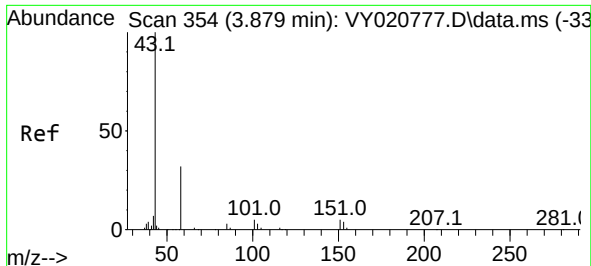
Tgt Ion: 59 Resp: 812

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

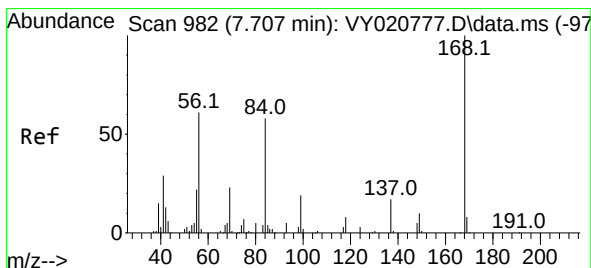
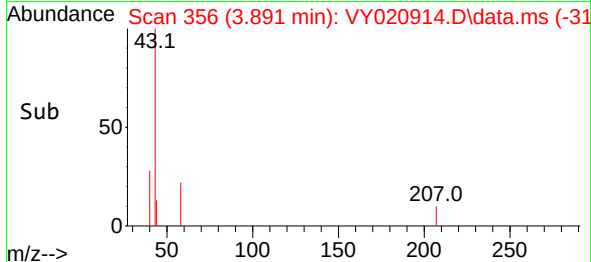
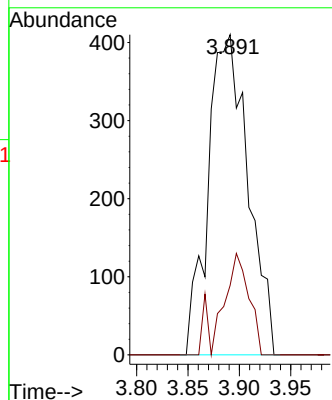
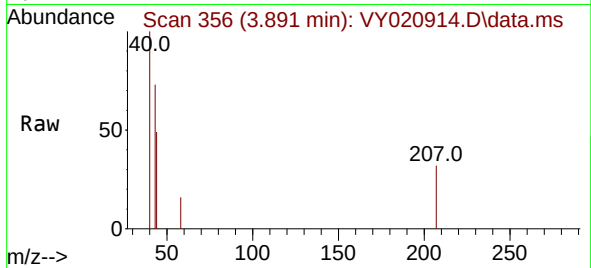




#16
Acetone
Concen: 2.371 ug/l
RT: 3.891 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

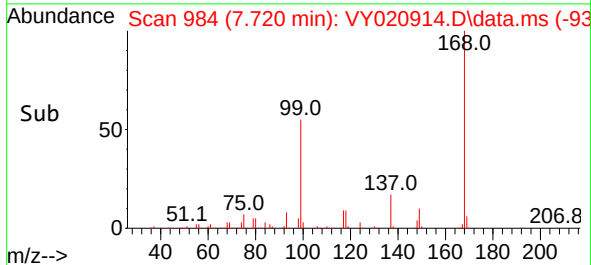
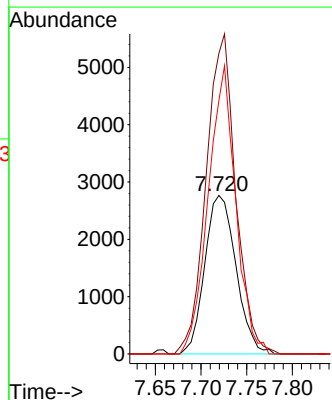
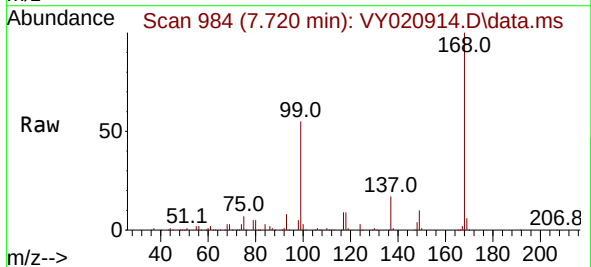
Instrument :
MSVOA_Y
ClientSampleId :

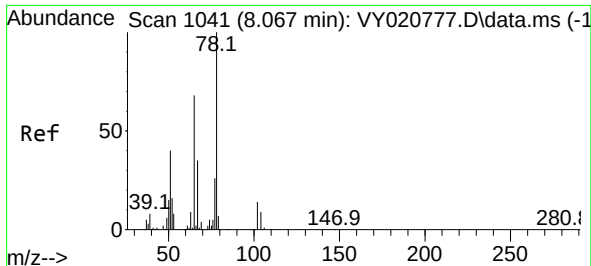
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 21.7 26.7 40.1#



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.720 min Scan# 984
Delta R.T. -0.018 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

Tgt Ion: 56 Resp: 6574
Ion Ratio Lower Upper
56 100
69 189.6 30.5 45.7#
84 160.0 76.6 115.0#





#33

1,2-Dichloroethane-d4

Concen: 46.268 ug/l

RT: 8.073 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY020914.D

Acq: 23 Jan 2025 16:42

Instrument :

MSVOA_Y

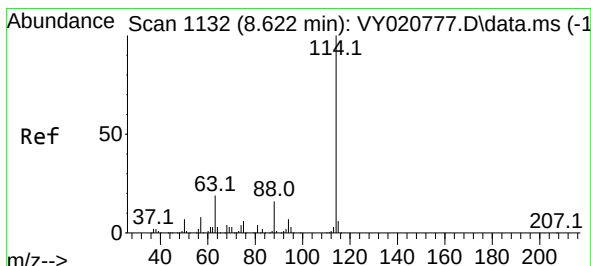
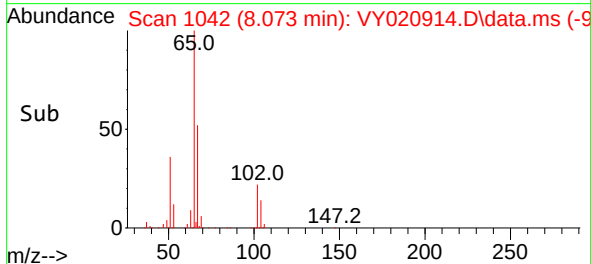
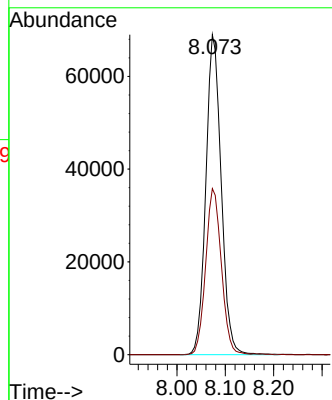
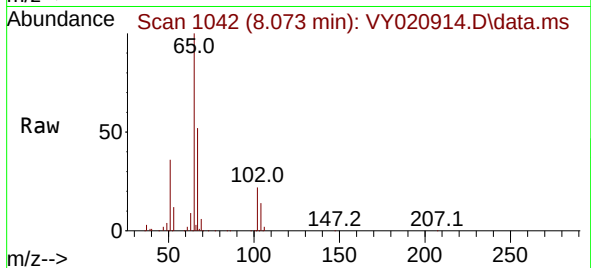
ClientSampleId :

Tgt Ion: 65 Resp: 152184

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020914.D

Acq: 23 Jan 2025 16:42

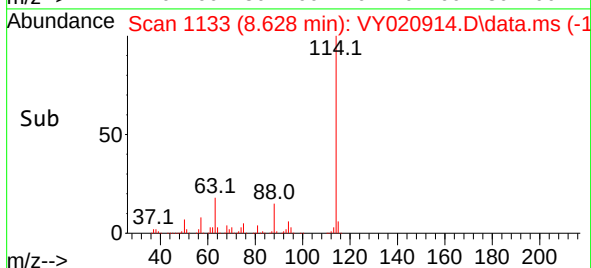
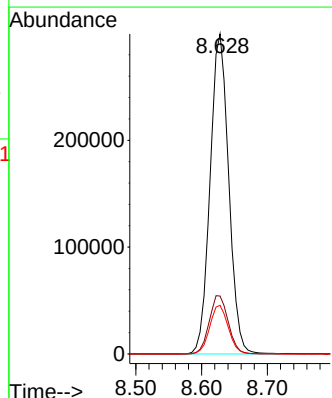
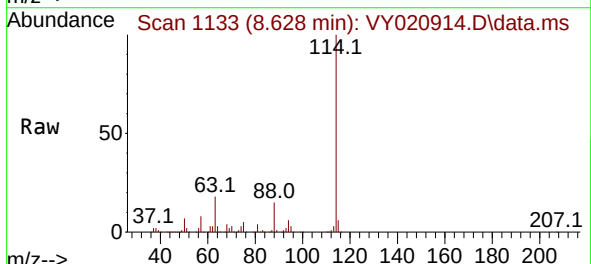
Tgt Ion: 114 Resp: 589963

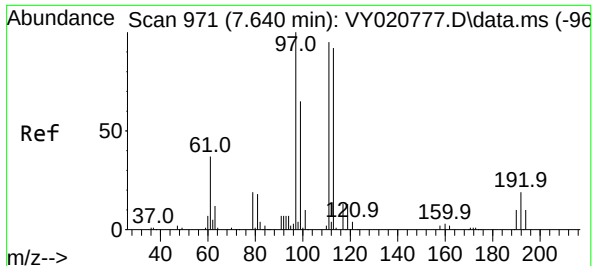
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

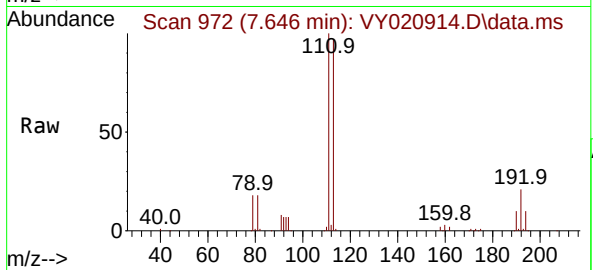
88 15.2 0.0 31.2



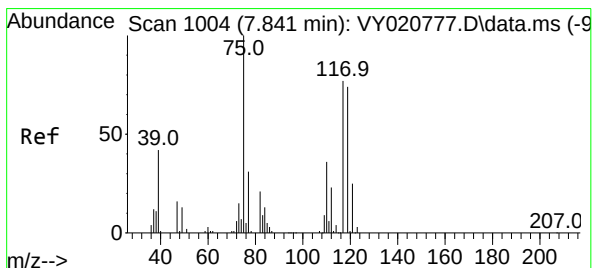
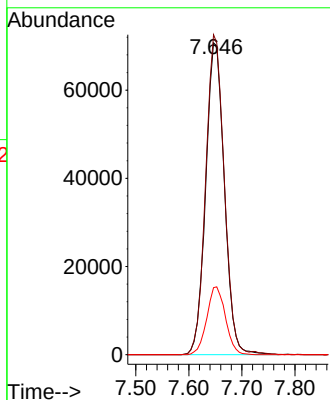
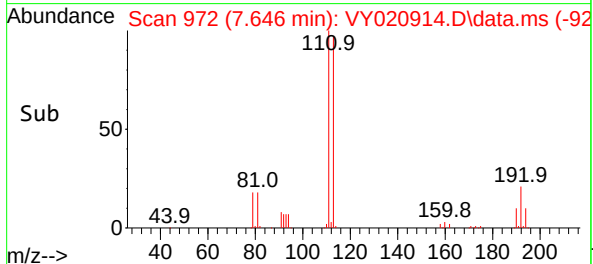


#35
Dibromofluoromethane
Concen: 46.743 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

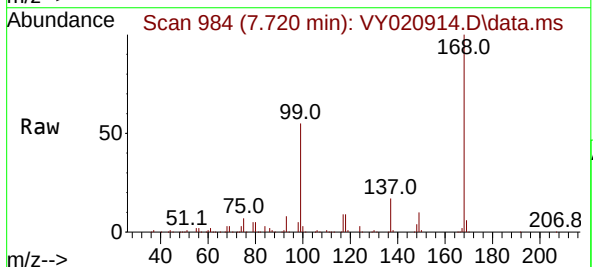
Instrument :
MSVOA_Y
ClientSampleId :



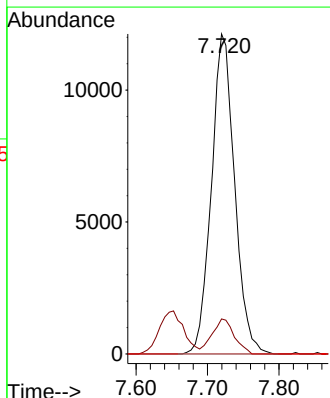
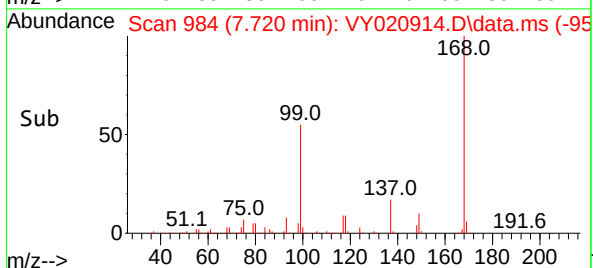
Tgt Ion:113 Resp: 172766
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 21.8 16.7 25.1

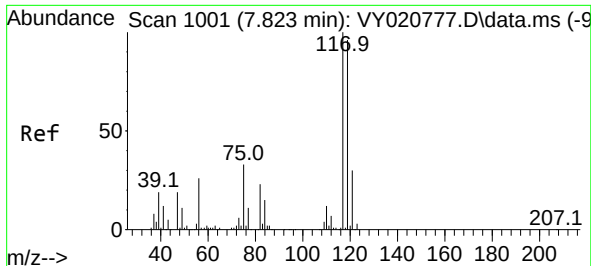


#36
1,1-Dichloropropene
Concen: 5.790 ug/l
RT: 7.720 min Scan# 984
Delta R.T. -0.146 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42



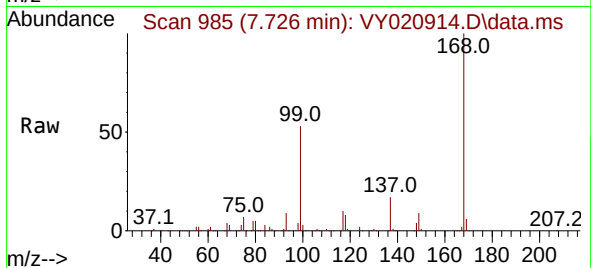
Tgt Ion: 75 Resp: 27296
Ion Ratio Lower Upper
75 100
110 10.5 18.5 55.5#
77 0.0 25.0 37.4#



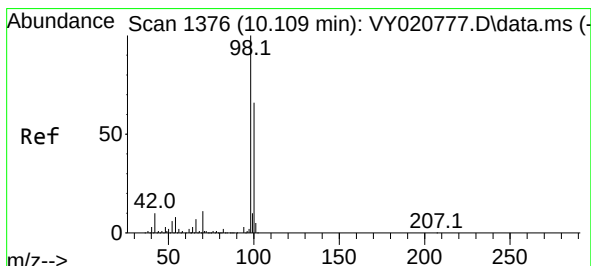
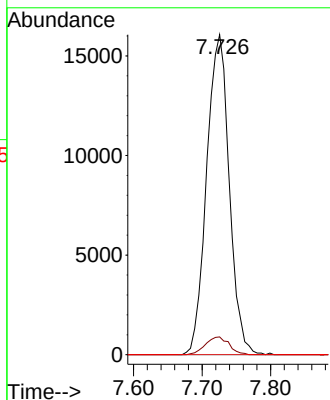
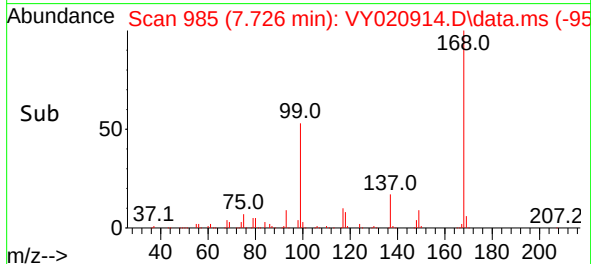


#38
Carbon Tetrachloride
Concen: 5.610 ug/l
RT: 7.726 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

Instrument :
MSVOA_Y
ClientSampleId :

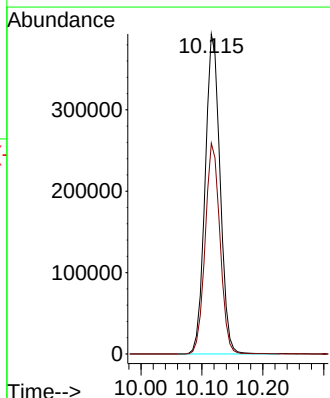
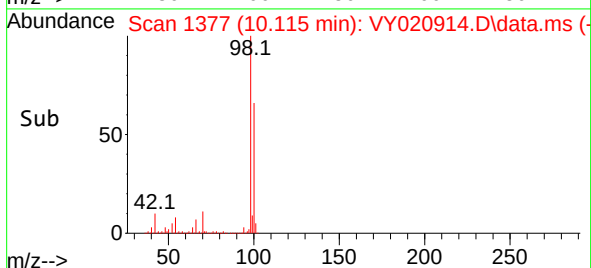
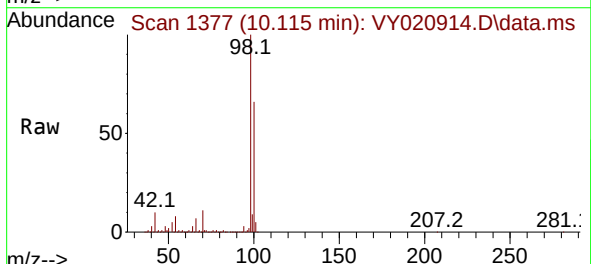


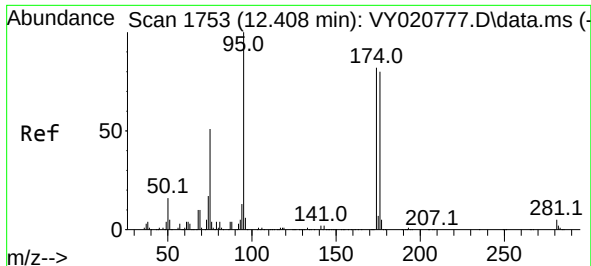
Tgt Ion:117 Resp: 36812
Ion Ratio Lower Upper
117 100
119 5.5 76.5 114.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 51.984 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.018 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

Tgt Ion: 98 Resp: 669793
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 41.389 ug/l

RT: 12.414 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020914.D

Acq: 23 Jan 2025 16:42

Instrument :

MSVOA_Y

ClientSampleId :

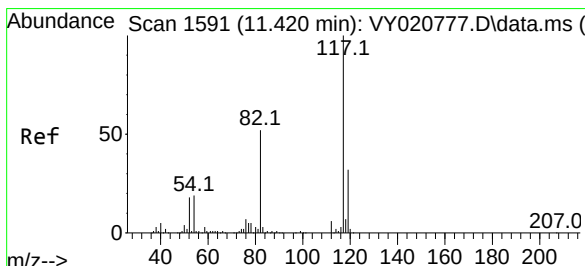
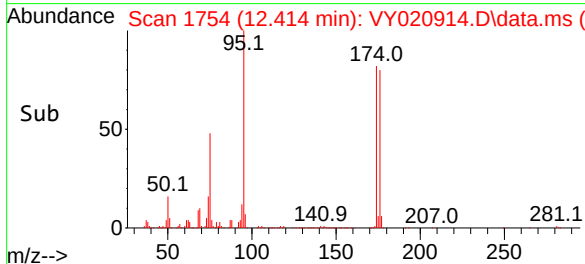
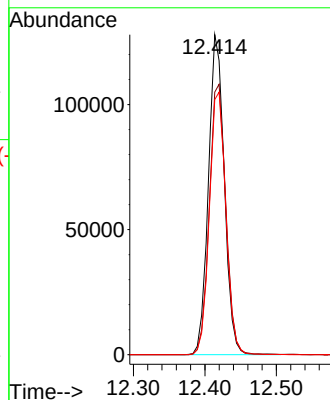
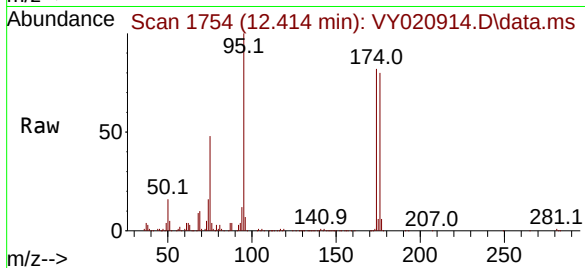
Tgt Ion: 95 Resp: 196929

Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.0

176 85.4 0.0 172.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. -0.012 min

Lab File: VY020914.D

Acq: 23 Jan 2025 16:42

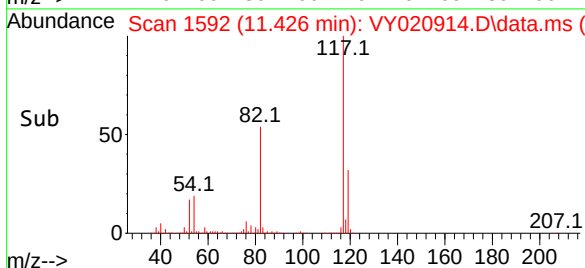
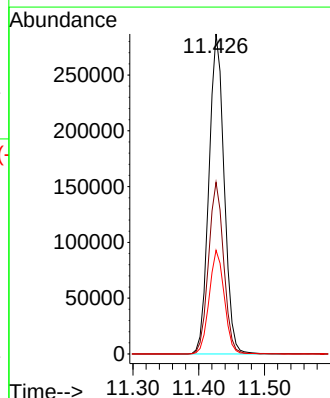
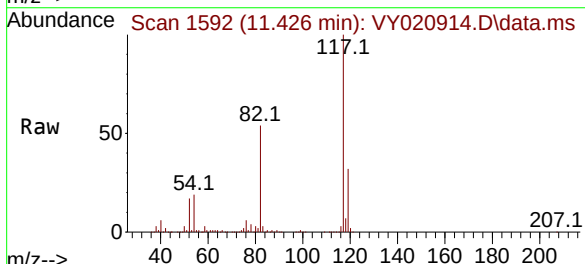
Tgt Ion: 117 Resp: 462941

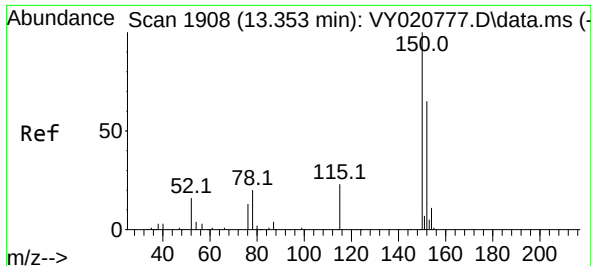
Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.6

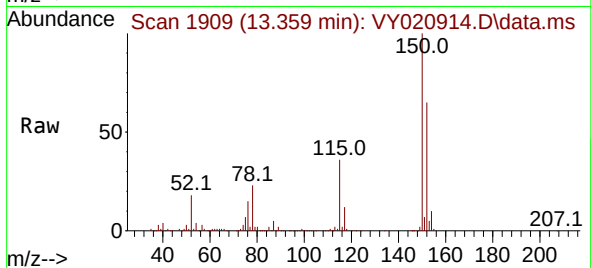
119 32.4 25.8 38.8



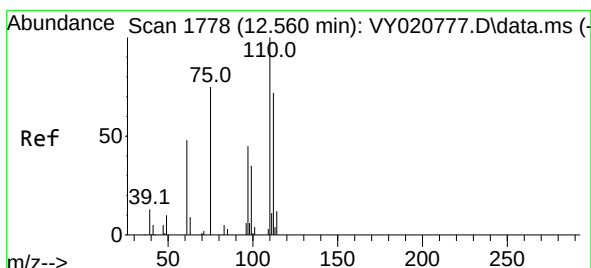
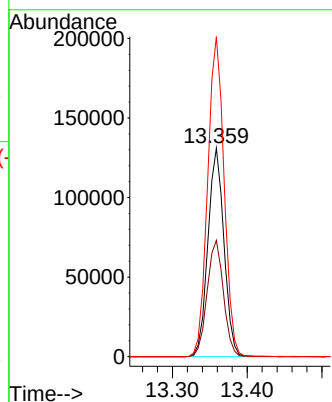
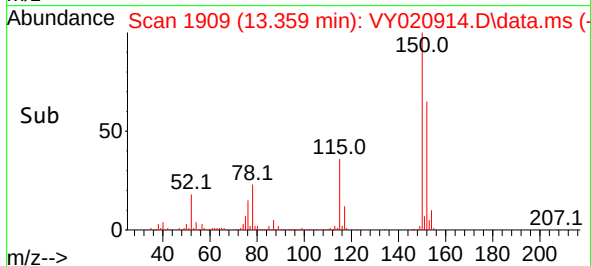


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. -0.012 min
 Lab File: VY020914.D
 Acq: 23 Jan 2025 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :

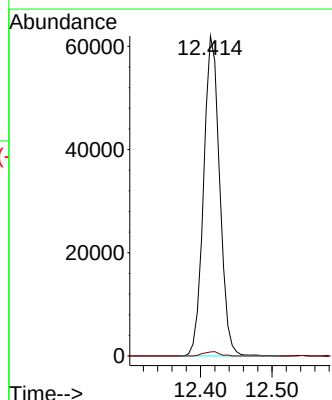
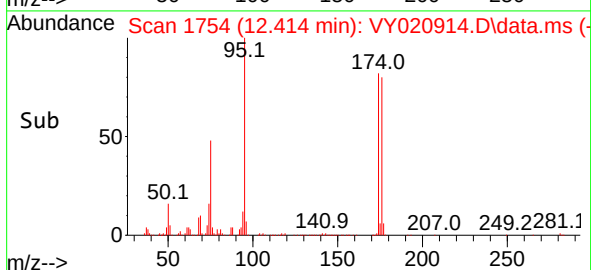
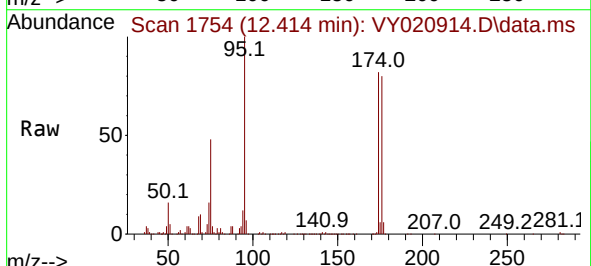


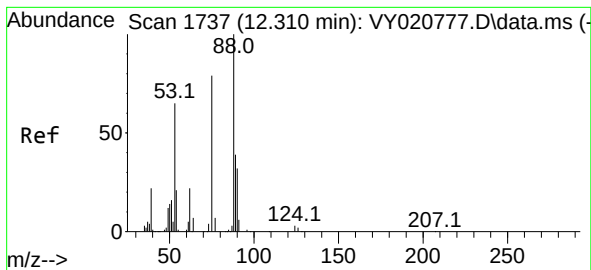
Tgt Ion:152 Resp: 195338
 Ion Ratio Lower Upper
 152 100
 115 56.8 29.0 87.0
 150 157.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 56.618 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.164 min
 Lab File: VY020914.D
 Acq: 23 Jan 2025 16:42

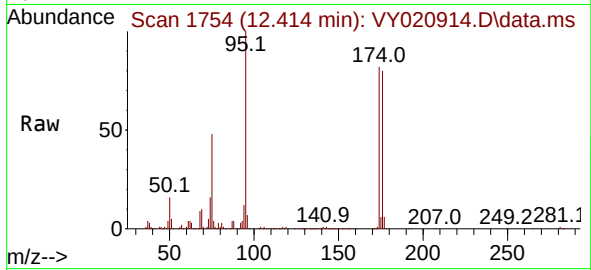
Tgt Ion: 75 Resp: 96769
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.380 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.086 min
Lab File: VY020914.D
Acq: 23 Jan 2025 16:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	96769
Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.4	104.0#
89	0.1	39.6	59.4#

