

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015757.D
 Acq On : 29 Sep 2023 15:51
 Operator : SY/MD
 Sample : VY0929SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 01:13:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

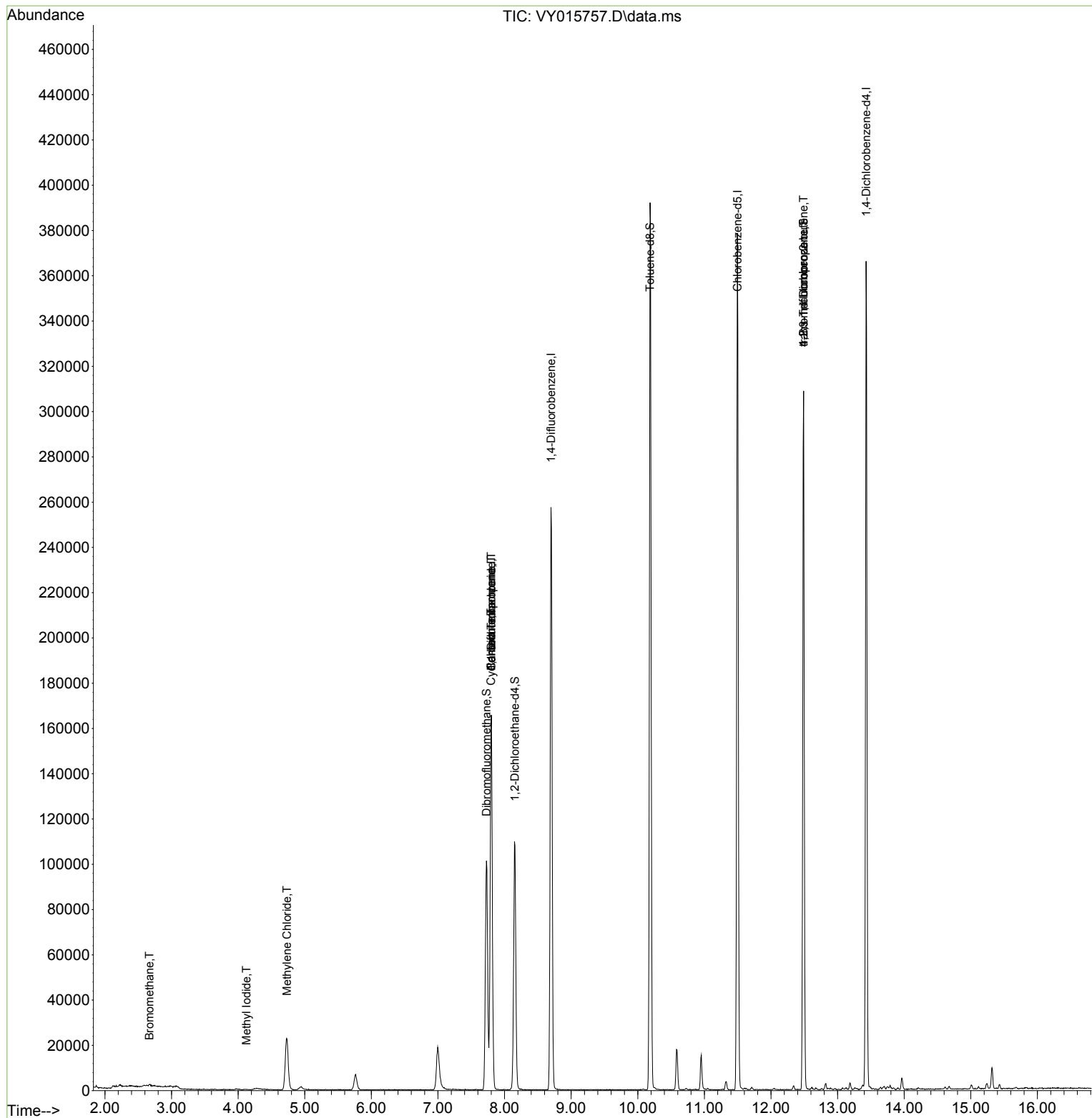
Internal Standards						
1) Pentafluorobenzene	7.801	168	128039	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	223877	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	207234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	85423	60.636	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.280%
35) Dibromofluoromethane	7.728	113	74268	55.425	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.185	98	263581	58.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.020%
62) 4-Bromofluorobenzene	12.489	95	88282	49.514	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.020%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	357	2.837	ug/l	90
10) Methyl Iodide	4.125	142	333	2.938	ug/l #	38
11) Tert butyl alcohol	4.948	59	1883	Below Cal	#	89
20) Methylene Chloride	4.735	84	17600	6.443	ug/l	93
31) Cyclohexane	7.795	56	2691	1.379	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10434	5.266	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12811	5.957	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	47071	31.469	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	47071	70.865	ug/l #	11

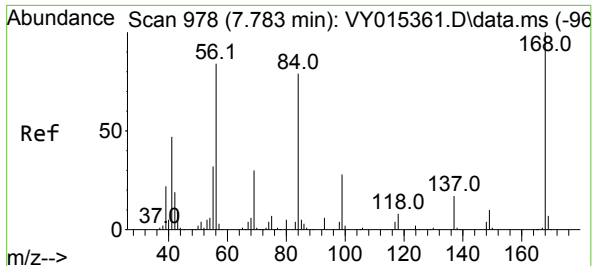
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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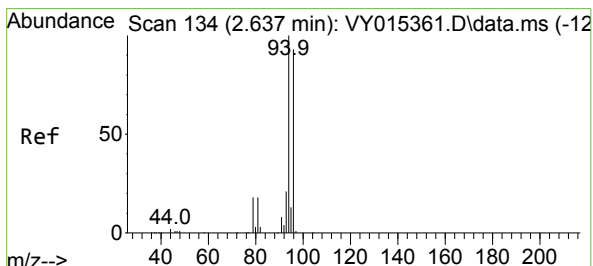
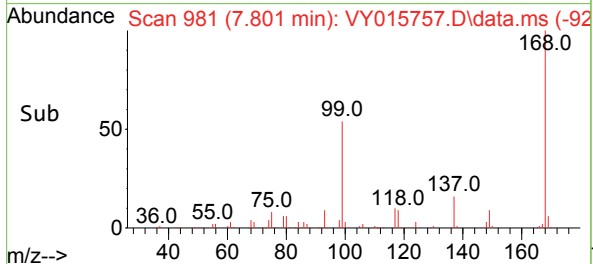
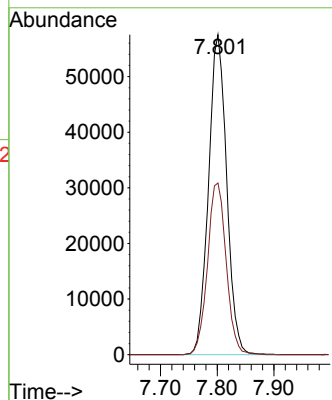
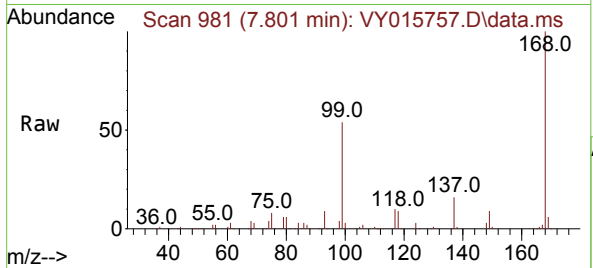




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

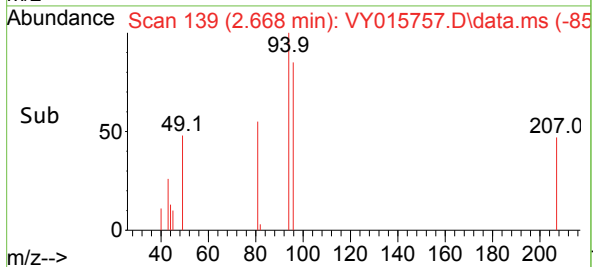
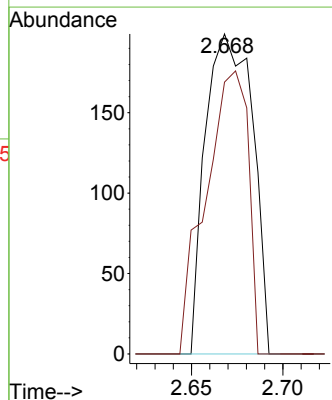
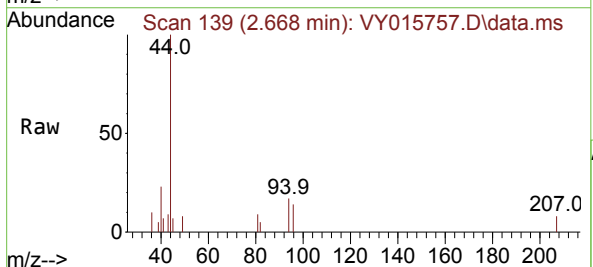
Instrument :
MSVOA_Y
ClientSampleId :

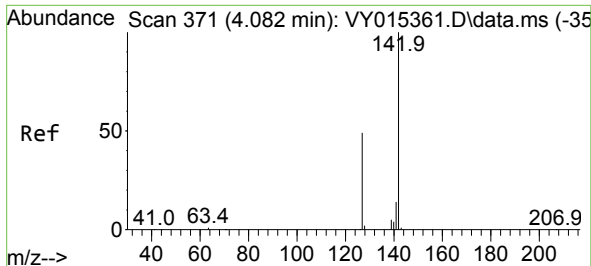
Tgt Ion:168 Resp: 128039
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#5
Bromomethane
Concen: 2.837 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

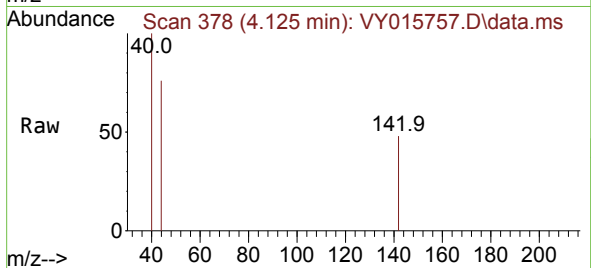
Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 84.9 75.8 113.6



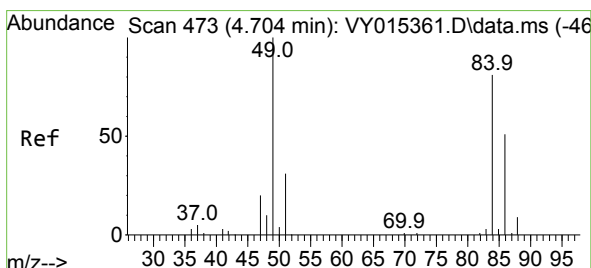
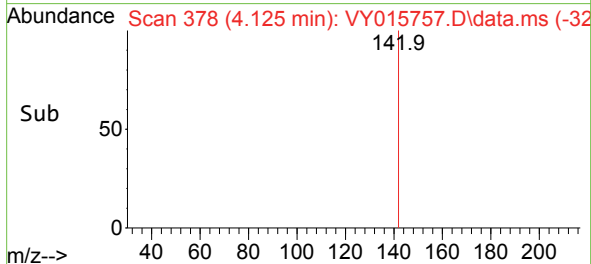
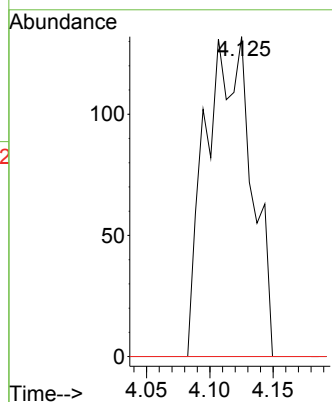


#10
Methyl Iodide
Concen: 2.938 ug/l
RT: 4.125 min Scan# 31
Delta R.T. 0.043 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

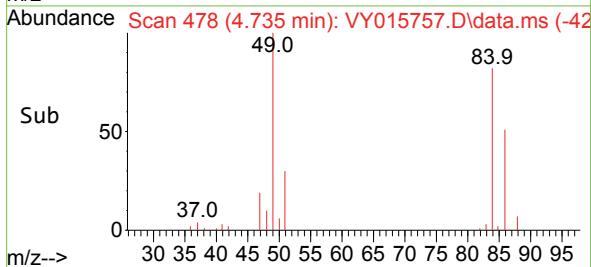
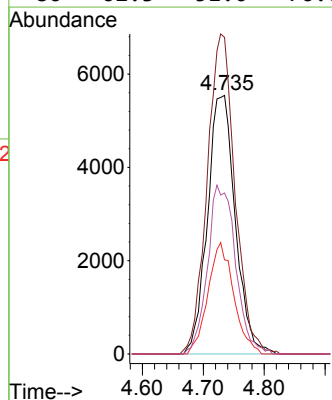
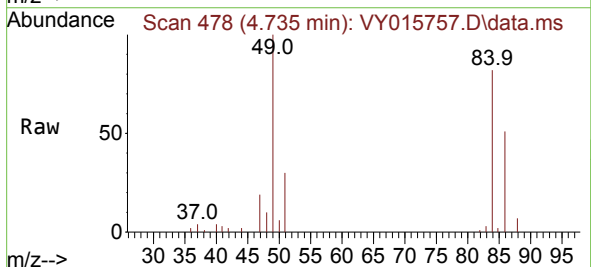


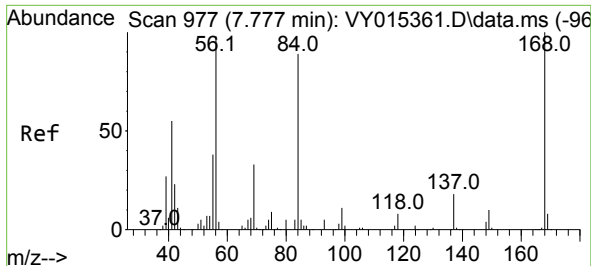
Tgt Ion:142 Resp: 333
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 6.443 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.031 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

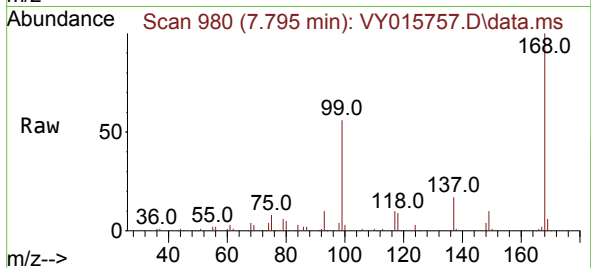
Tgt Ion: 84 Resp: 17600
Ion Ratio Lower Upper
84 100
49 122.4 106.9 160.3
51 36.4 33.2 49.8
86 62.3 51.0 76.6



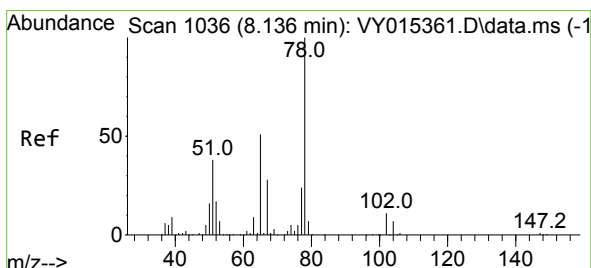
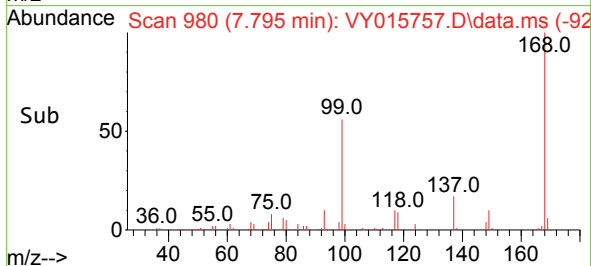
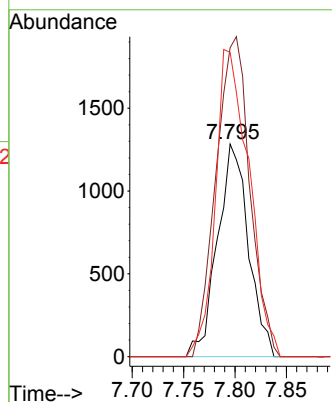


#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

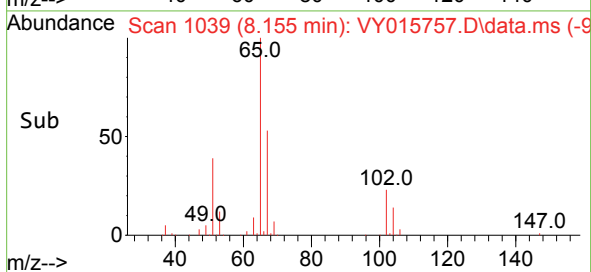
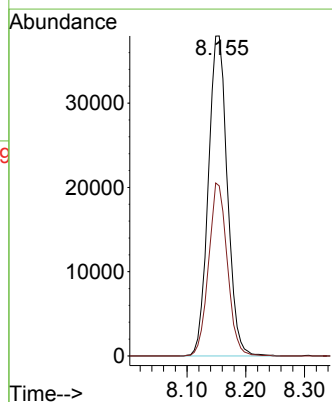
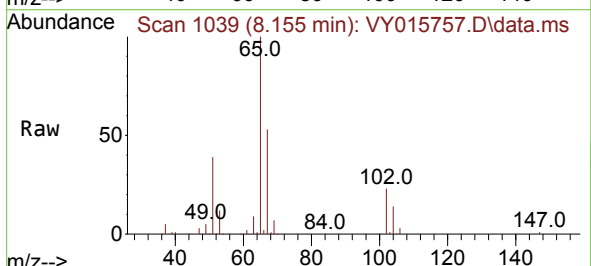


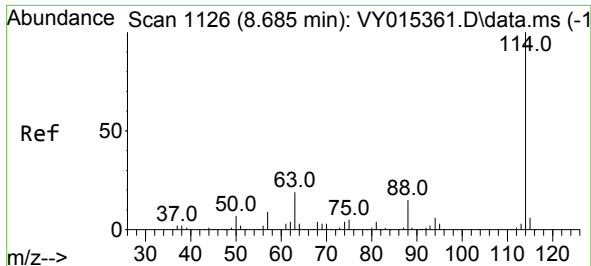
Tgt Ion: 56 Resp: 2691
Ion Ratio Lower Upper
56 100
69 145.2 27.8 41.6#
84 143.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.636 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.019 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

Tgt Ion: 65 Resp: 85423
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

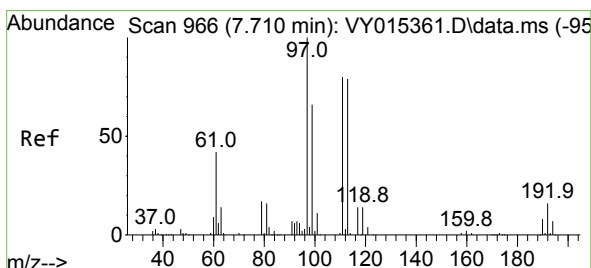
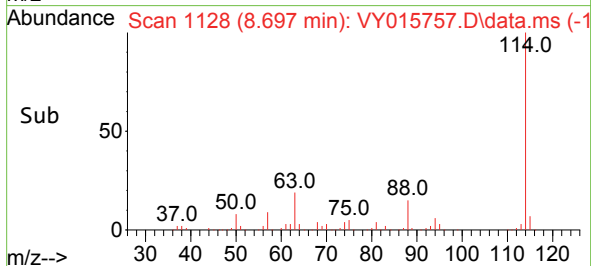
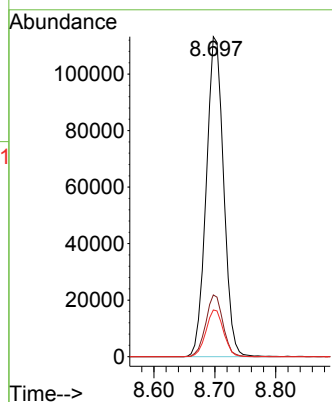
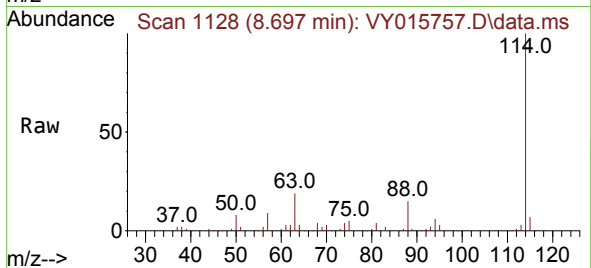
Tgt Ion:114 Resp: 223877

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.425 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

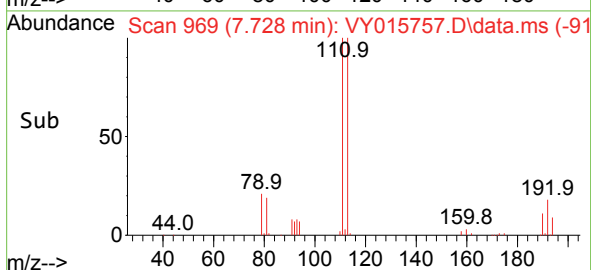
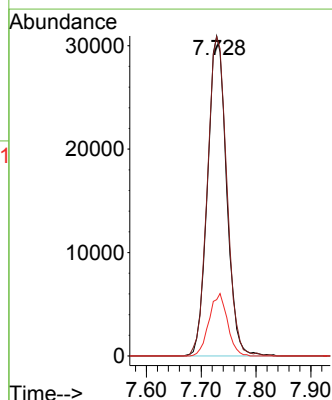
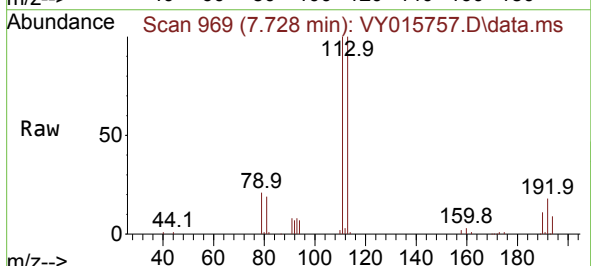
Tgt Ion:113 Resp: 74268

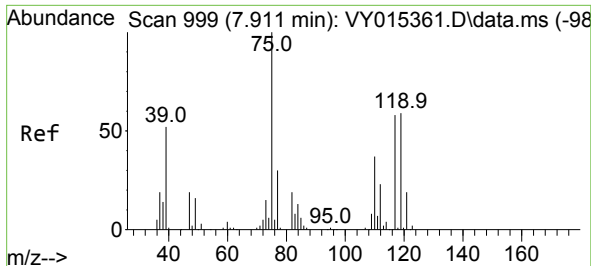
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.0 16.9 25.3

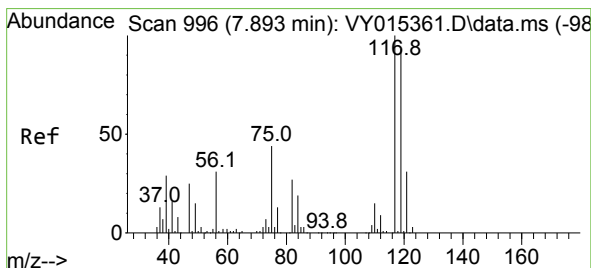
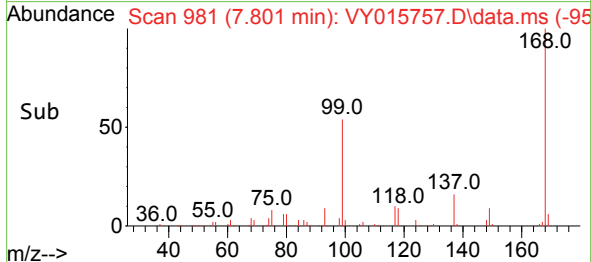
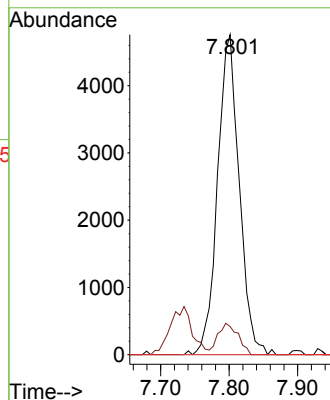
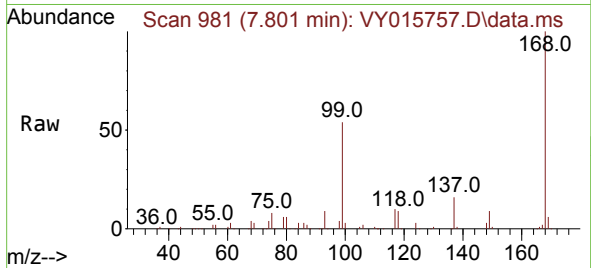




#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

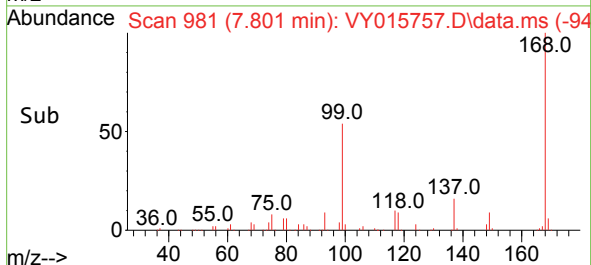
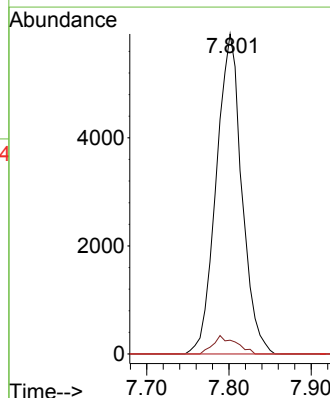
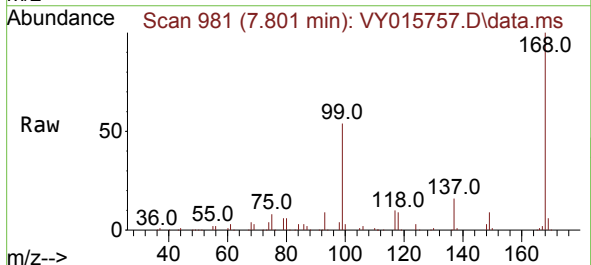
Instrument :
MSVOA_Y
ClientSampleId :

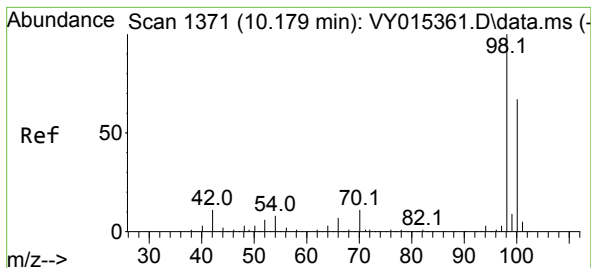
Tgt Ion: 75 Resp: 10434
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.092 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

Tgt Ion: 117 Resp: 12811
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 58.014 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

Instrument :

MSVOA_Y

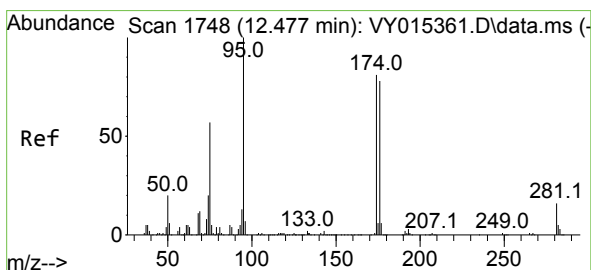
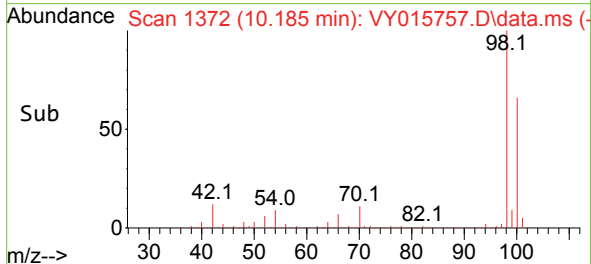
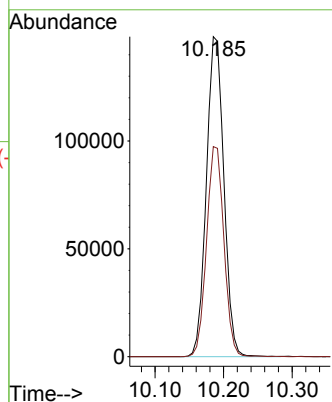
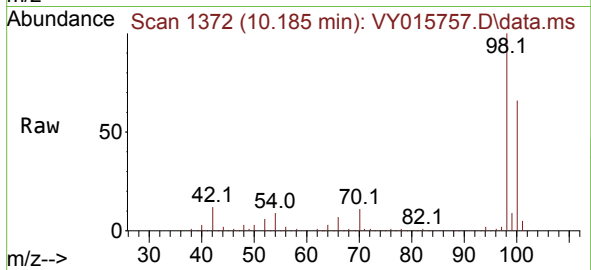
ClientSampleId :

Tgt Ion: 98 Resp: 263581

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.514 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

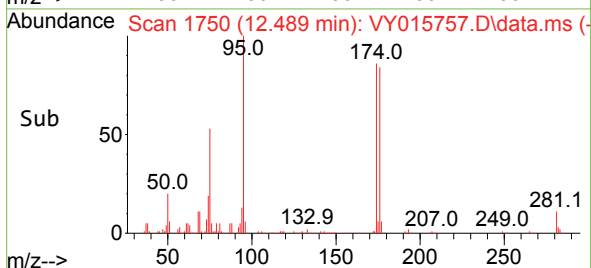
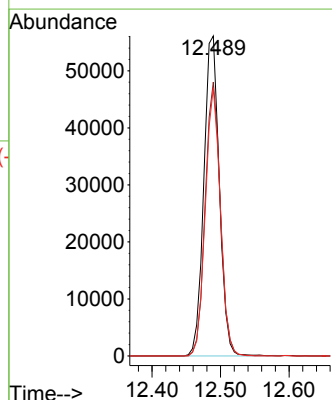
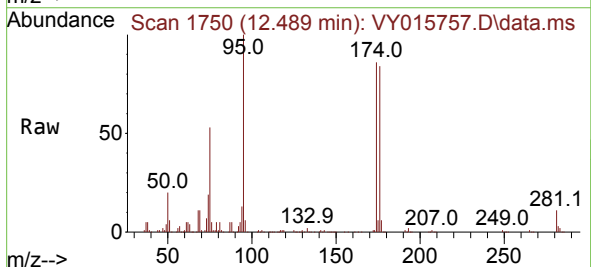
Tgt Ion: 95 Resp: 88282

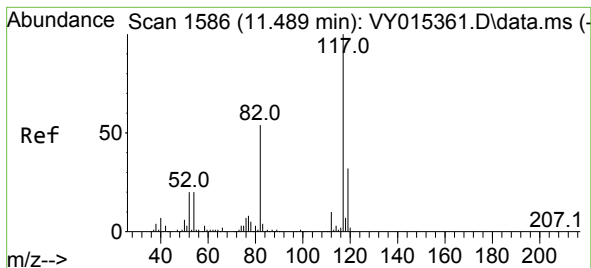
Ion Ratio Lower Upper

95 100

174 83.7 0.0 178.2

176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

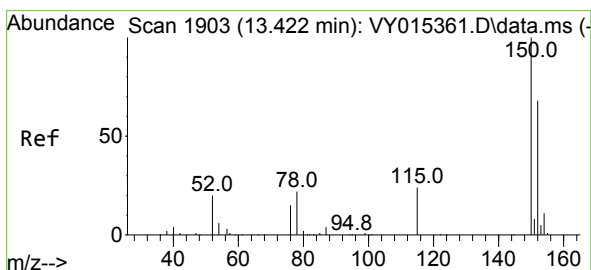
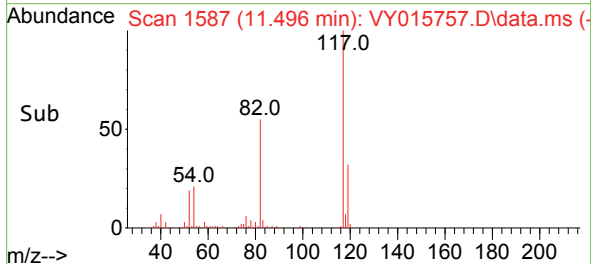
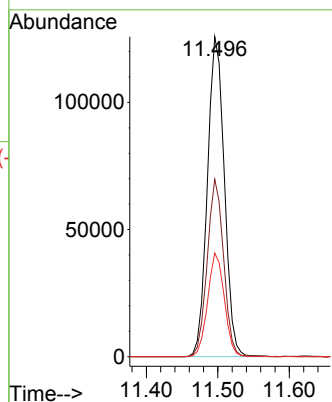
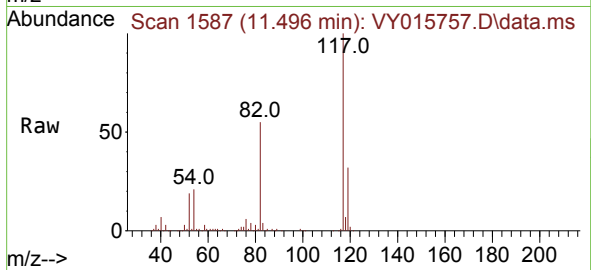
Tgt Ion:117 Resp: 207234

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

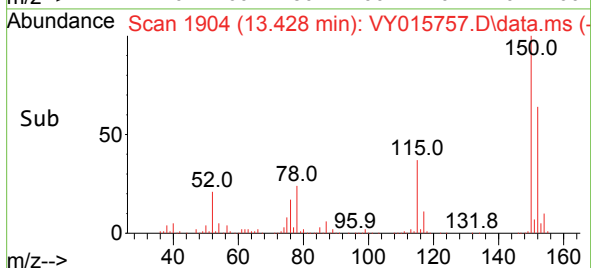
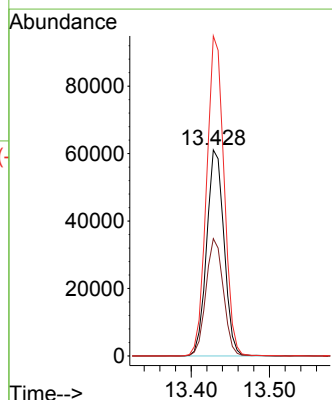
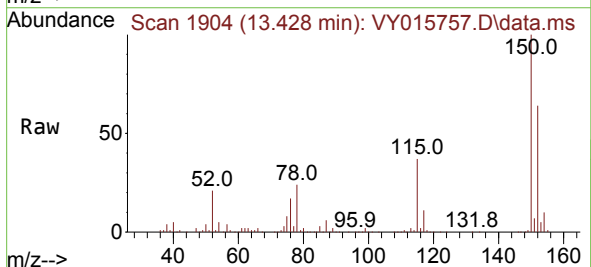
Tgt Ion:152 Resp: 93761

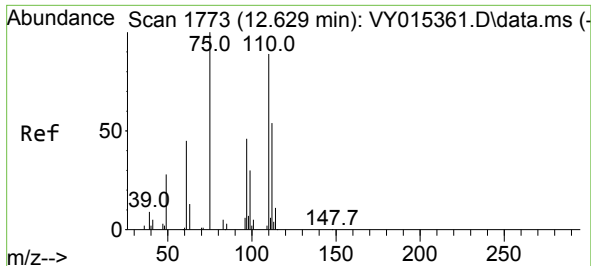
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.1 0.0 348.8

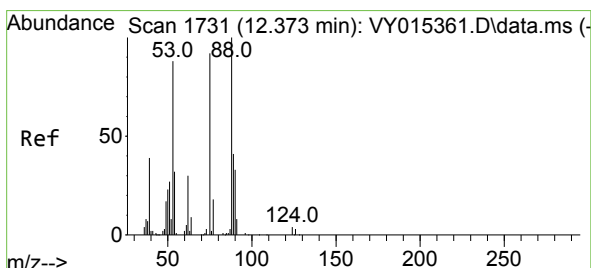
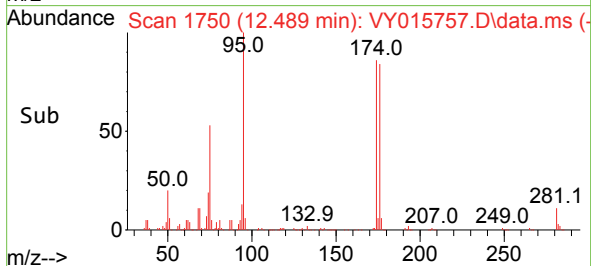
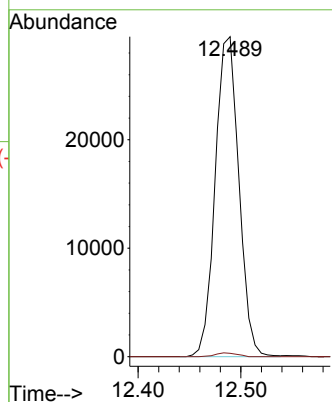
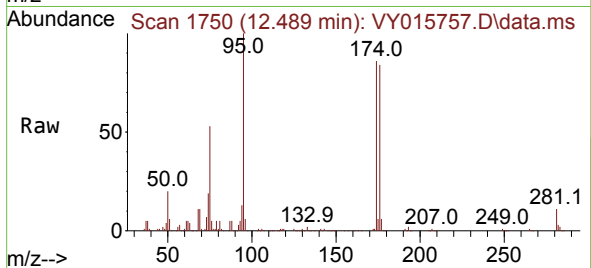




#76
1,2,3-Trichloropropane
Concen: 31.469 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47071
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.865 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

Tgt Ion: 75 Resp: 47071
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

