

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015753.D
 Acq On : 28 Sep 2023 19:04
 Operator : SY/MD
 Sample : 04627-23
 Misc : 3.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 29 01:28:20 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)

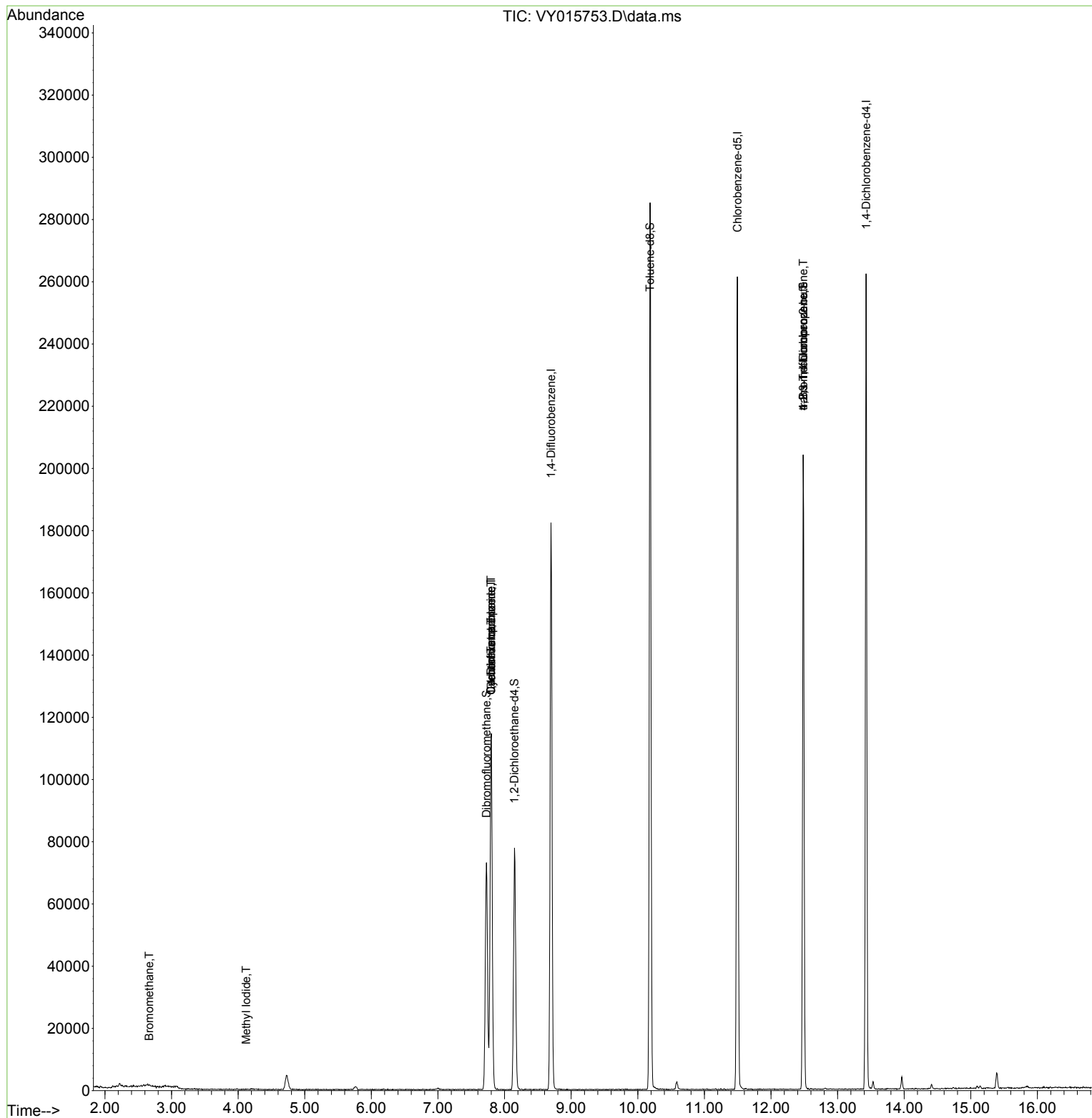
Internal Standards						
1) Pentafluorobenzene	7.801	168	88686	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	156072	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	144390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60174	61.667	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.340%	
35) Dibromofluoromethane	7.728	113	52420	56.115	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.240%	
50) Toluene-d8	10.185	98	189058	59.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.380%	
62) 4-Bromofluorobenzene	12.483	95	59795	48.106	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	162	2.740	ug/l #	2
10) Methyl Iodide	4.119	142	32	2.758	ug/l #	38
20) Methylene Chloride	4.723	84	3728	Below Cal	#	76
31) Cyclohexane	7.795	56	1952	1.444	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	6722	4.867	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9021	6.017	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	31713	30.806	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31713	69.371	ug/l #	11

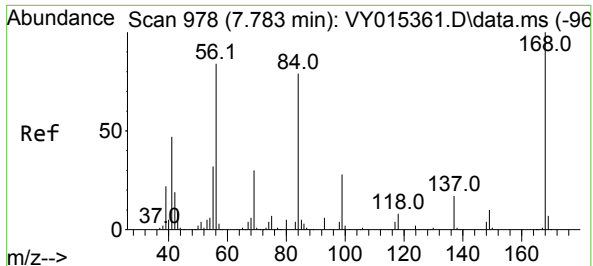
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
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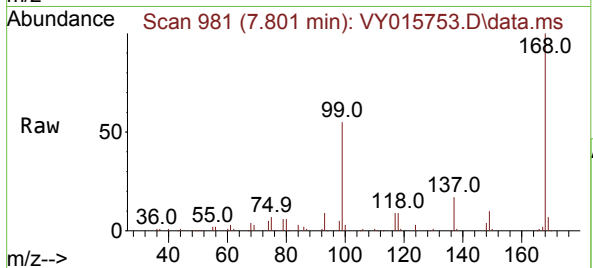
Quant Time: Sep 29 01:28:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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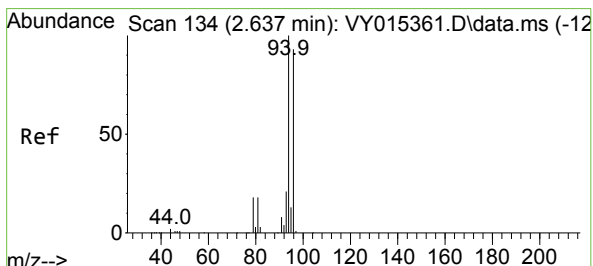
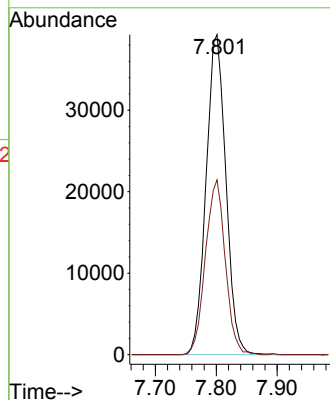
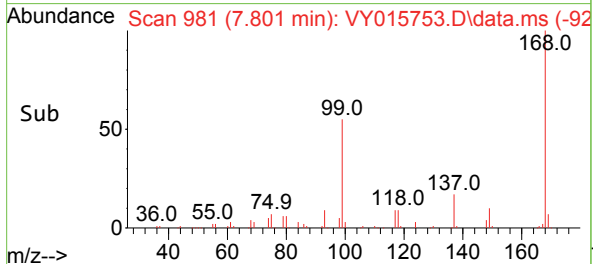


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

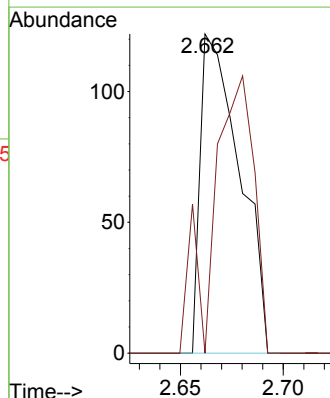
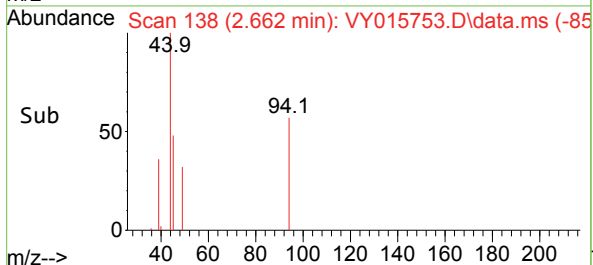
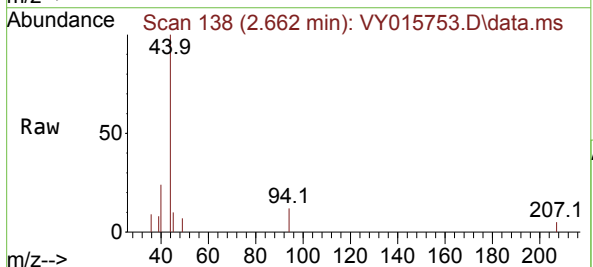


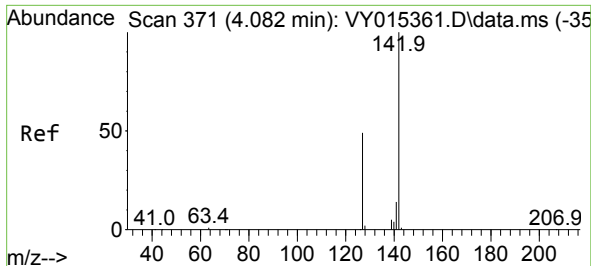
Tgt Ion:168 Resp: 88686
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#5
Bromomethane
Concen: 2.740 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

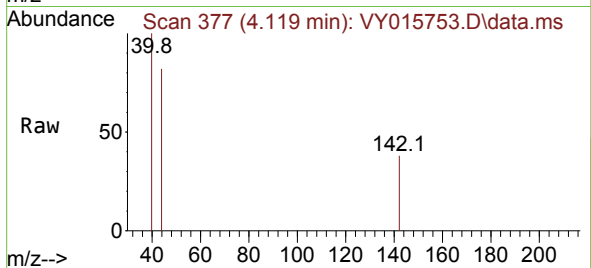
Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#



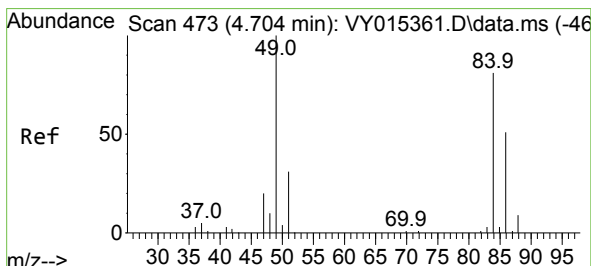
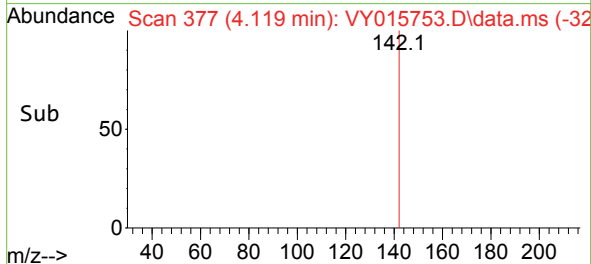
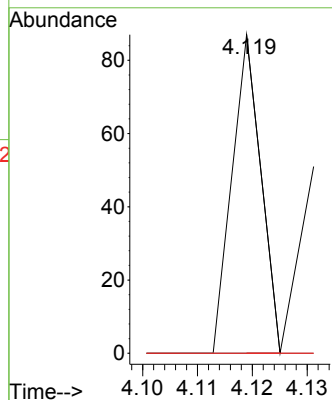


#10
Methyl Iodide
Concen: 2.758 ug/l
RT: 4.119 min Scan# 31
Delta R.T. 0.037 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

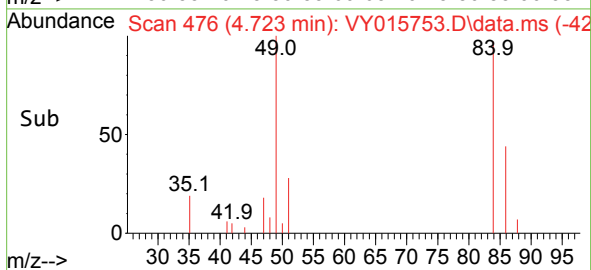
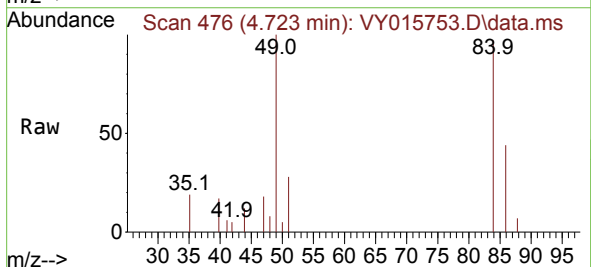
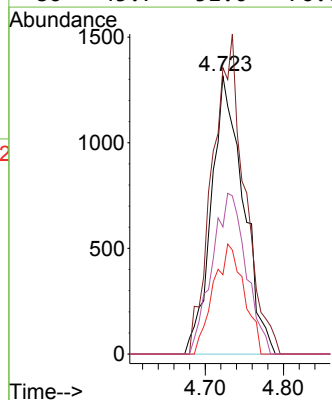


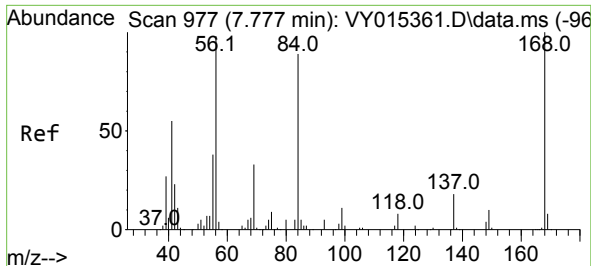
Tgt Ion:142 Resp: 32
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

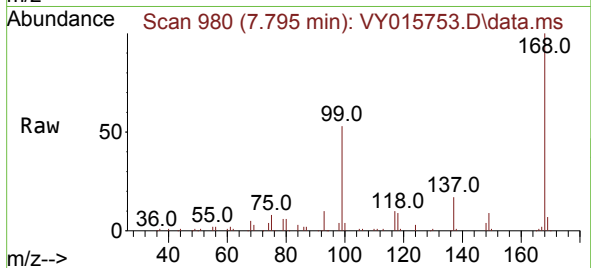
Tgt Ion: 84 Resp: 3728
Ion Ratio Lower Upper
84 100
49 103.0 106.9 160.3#
51 28.5 33.2 49.8#
86 45.7 51.0 76.6#



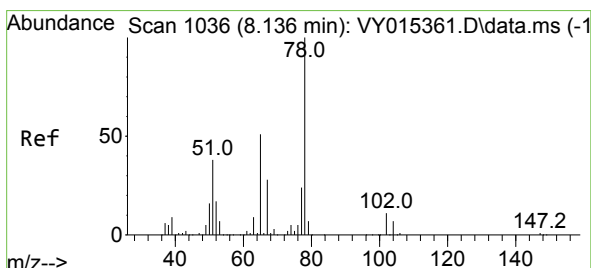
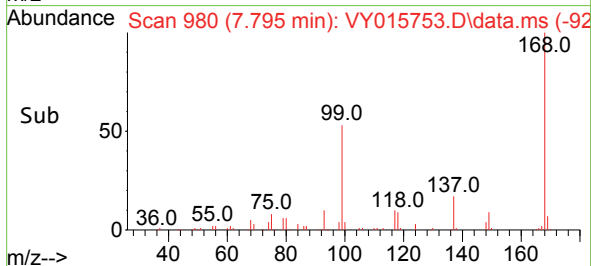
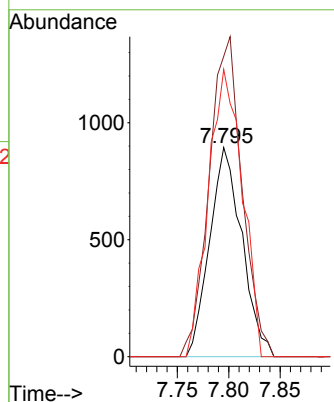


#31
Cyclohexane
Concen: 1.444 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

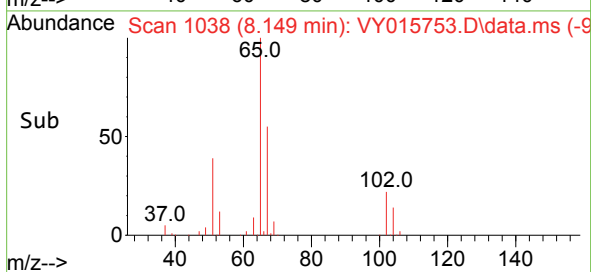
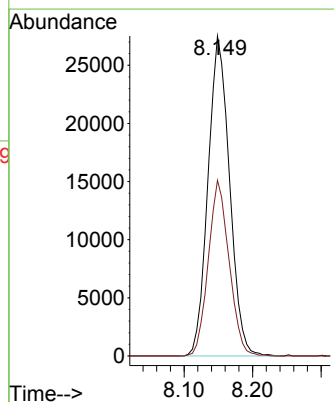
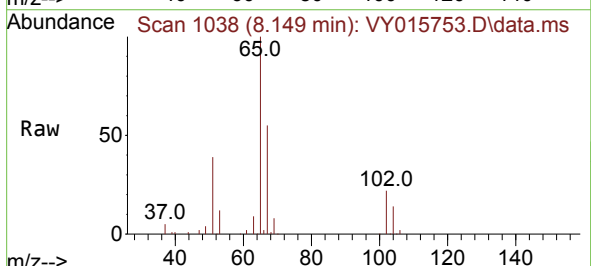


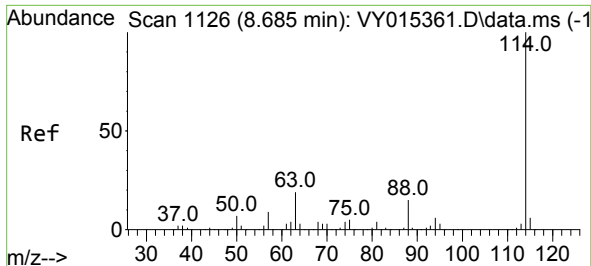
Tgt Ion: 56 Resp: 1952
Ion Ratio Lower Upper
56 100
69 143.6 27.8 41.6#
84 137.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 61.667 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

Tgt Ion: 65 Resp: 60174
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015753.D

Acq: 28 Sep 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

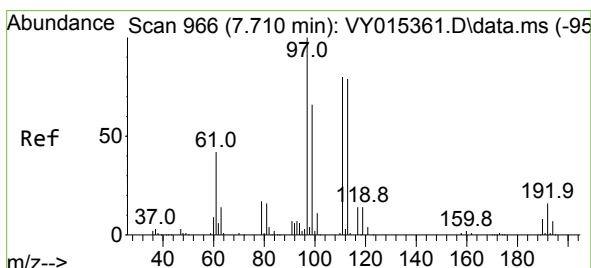
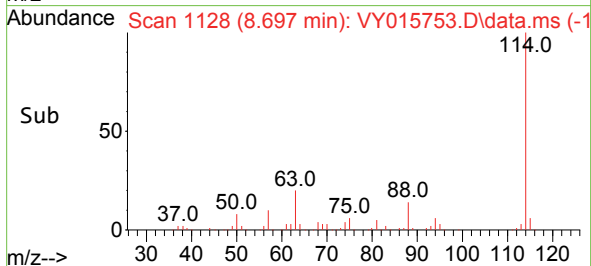
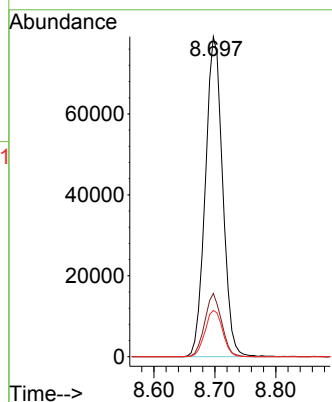
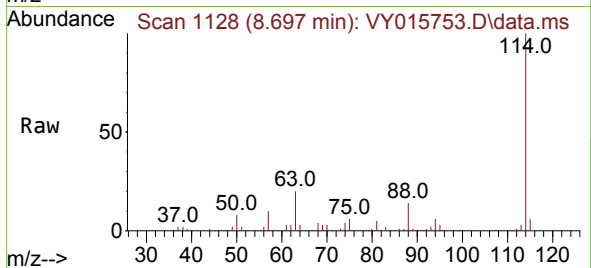
Tgt Ion:114 Resp: 156072

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.115 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015753.D

Acq: 28 Sep 2023 19:04

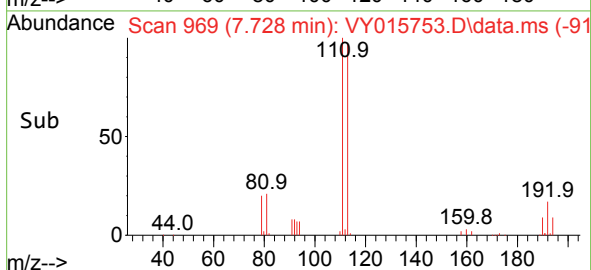
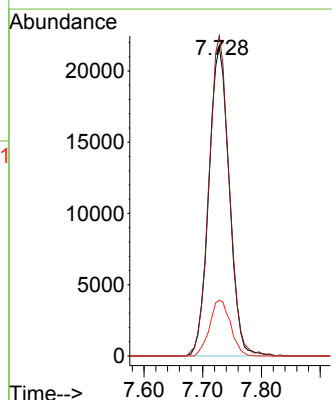
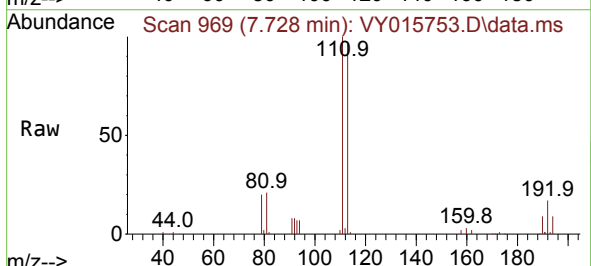
Tgt Ion:113 Resp: 52420

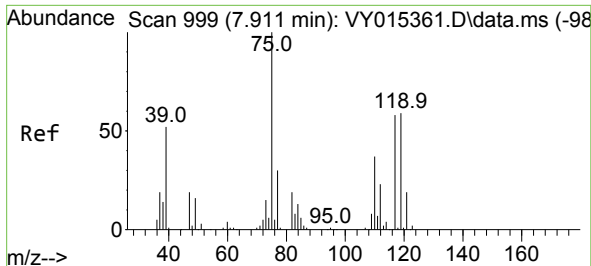
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

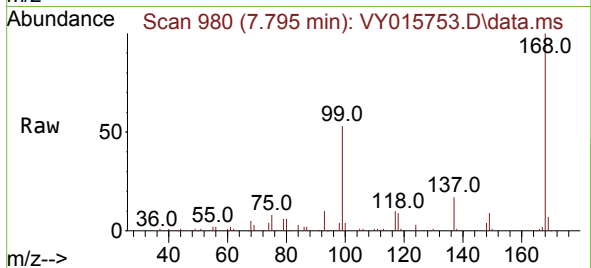
192 18.3 16.9 25.3



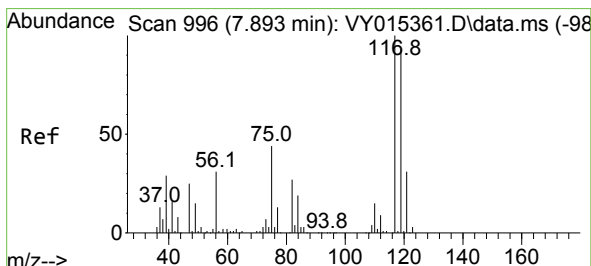
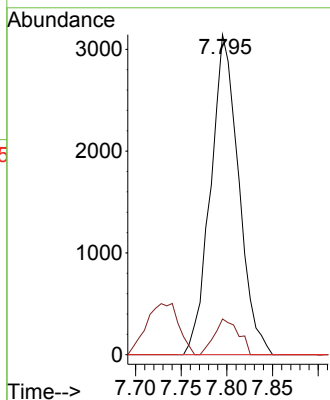
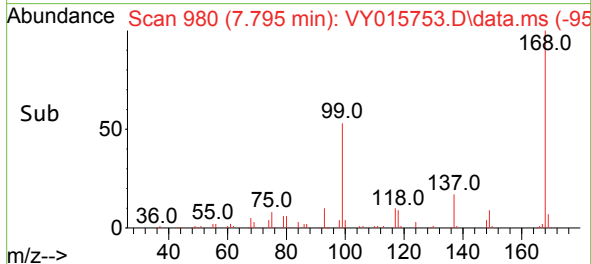


#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY015753.D
 Acq: 28 Sep 2023 19:04

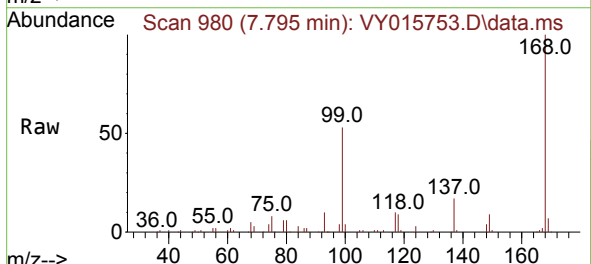
Instrument :
 MSVOA_Y
 ClientSampleId :



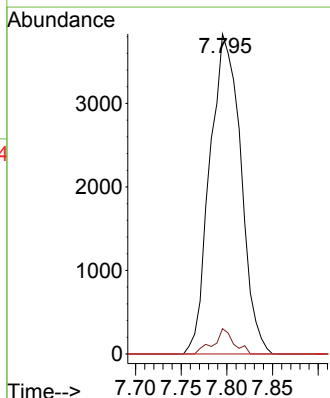
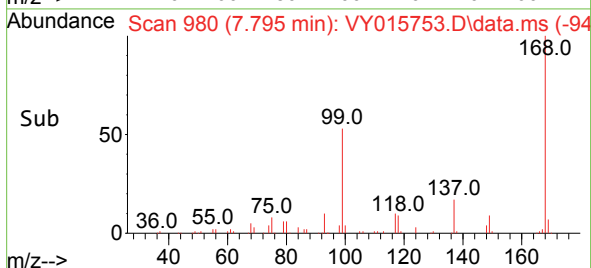
Tgt Ion: 75 Resp: 6722
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.8 53.5#
 77 0.0 24.4 36.6#

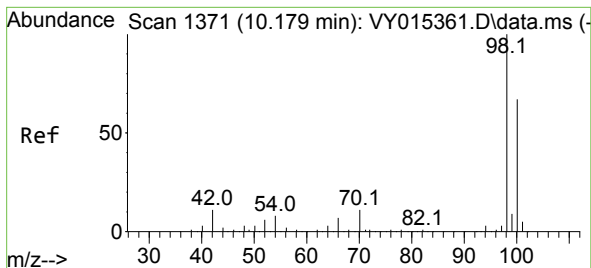


#38
 Carbon Tetrachloride
 Concen: 6.017 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.098 min
 Lab File: VY015753.D
 Acq: 28 Sep 2023 19:04



Tgt Ion: 117 Resp: 9021
 Ion Ratio Lower Upper
 117 100
 119 7.9 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 59.690 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015753.D

Acq: 28 Sep 2023 19:04

Instrument :

MSVOA_Y

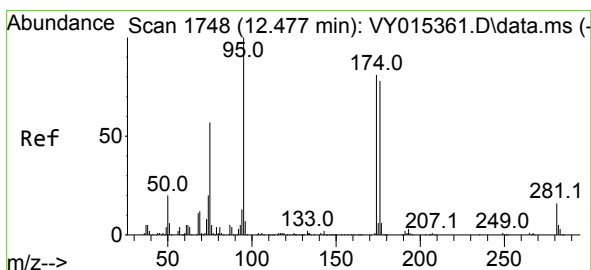
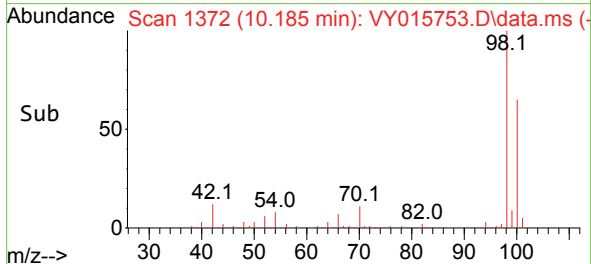
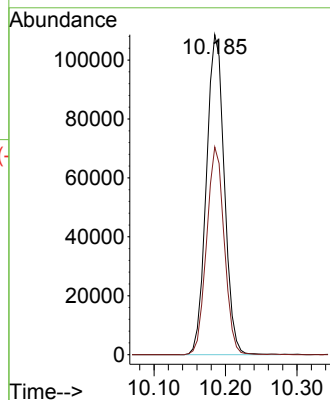
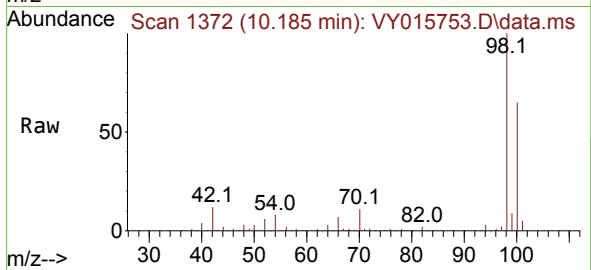
ClientSampleId :

Tgt Ion: 98 Resp: 189058

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.106 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015753.D

Acq: 28 Sep 2023 19:04

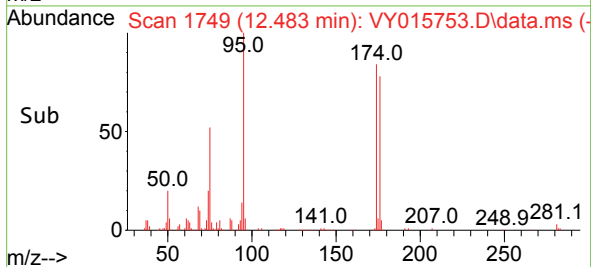
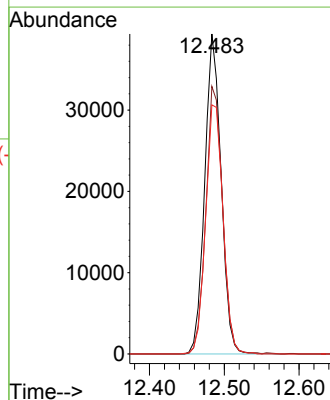
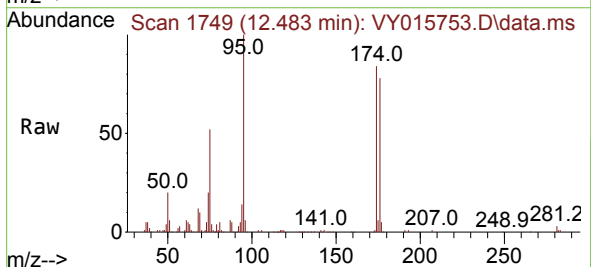
Tgt Ion: 95 Resp: 59795

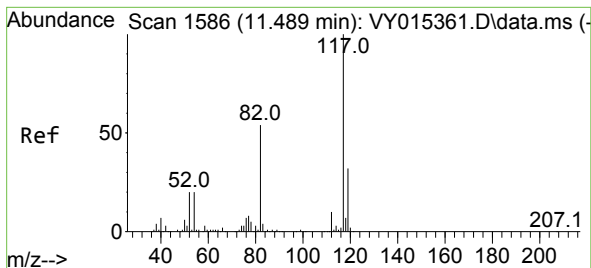
Ion Ratio Lower Upper

95 100

174 85.6 0.0 178.2

176 82.9 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: VY015753.D

Acq: 28 Sep 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

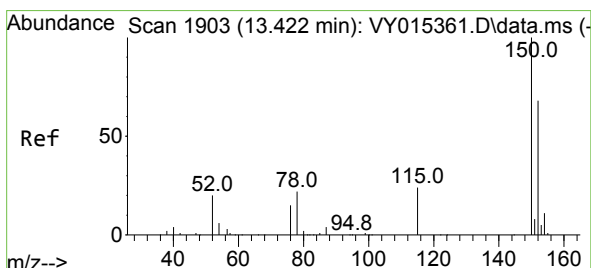
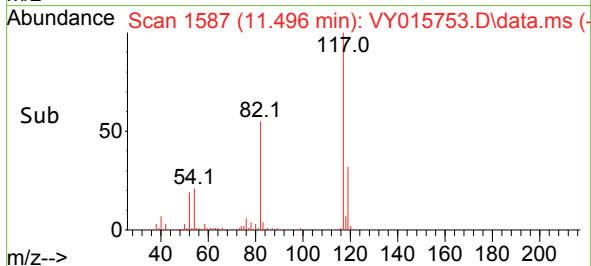
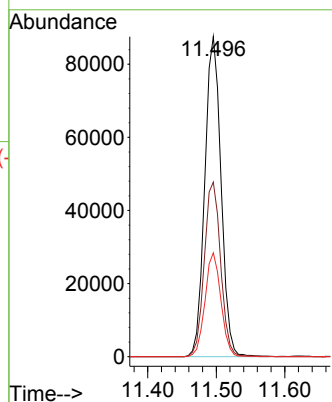
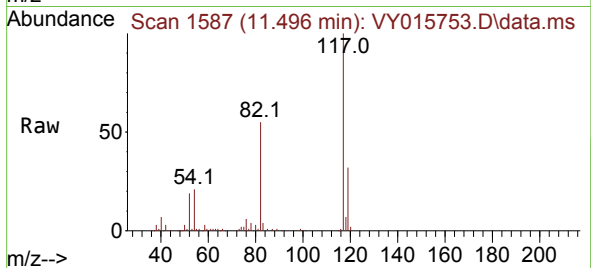
Tgt Ion:117 Resp: 144390

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.5 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: VY015753.D

Acq: 28 Sep 2023 19:04

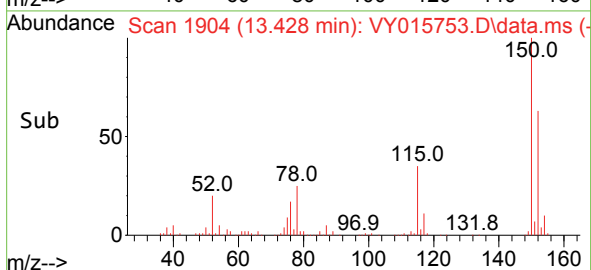
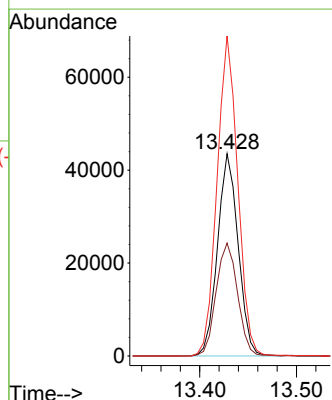
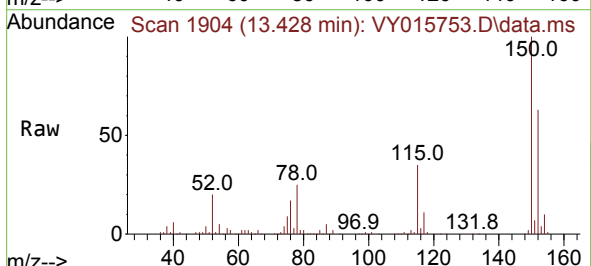
Tgt Ion:152 Resp: 64529

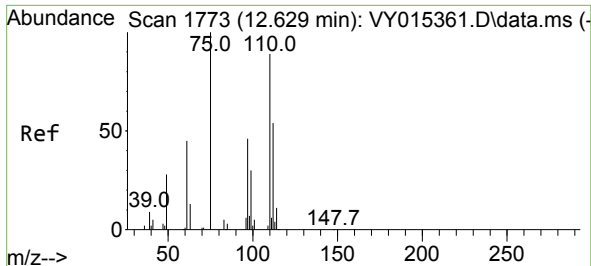
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.5 0.0 348.8

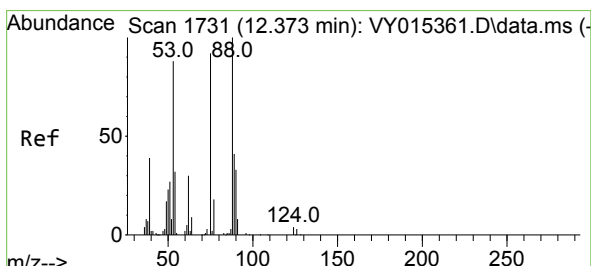
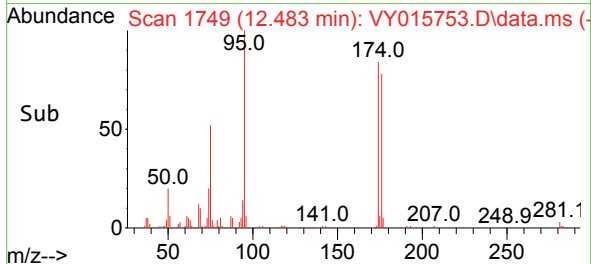
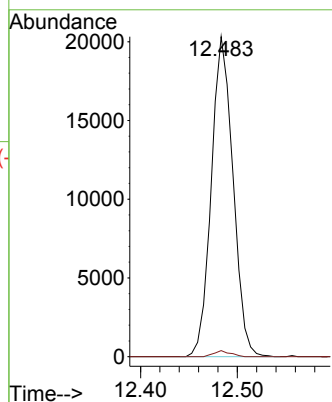
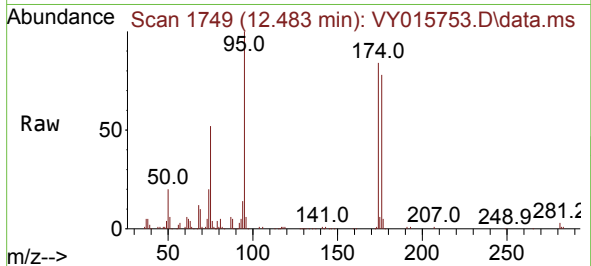




#76
1,2,3-Trichloropropane
Concen: 30.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31713
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015753.D
Acq: 28 Sep 2023 19:04

Tgt Ion: 75 Resp: 31713
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

