

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015733.D
 Acq On : 27 Sep 2023 18:41
 Operator : SY/MD
 Sample : 04627-15
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:49:12 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)

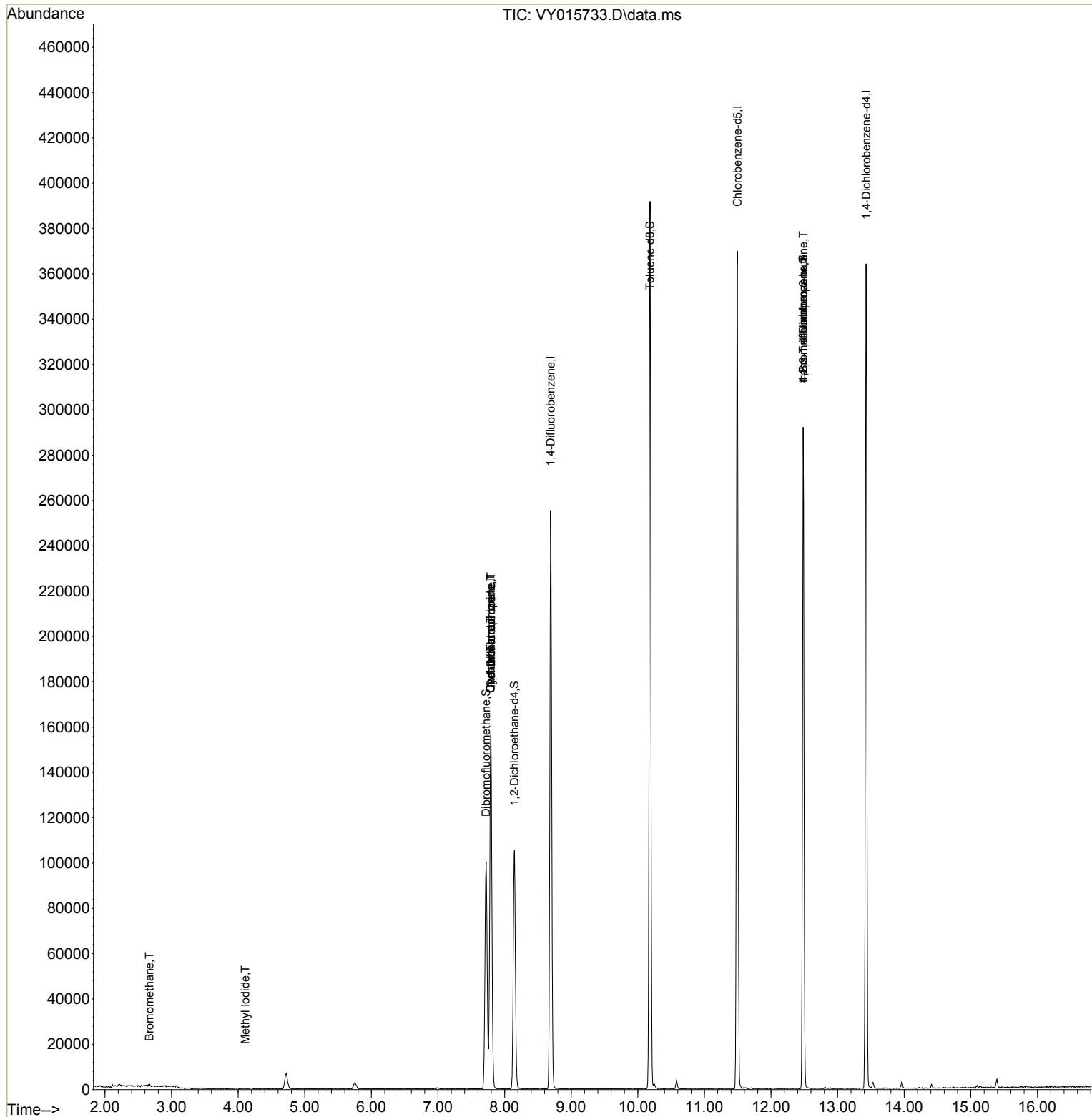
Internal Standards						
1) Pentafluorobenzene	7.795	168	122591	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	216299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83763	62.100	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.200%	
35) Dibromofluoromethane	7.722	113	70548	54.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.980%	
50) Toluene-d8	10.185	98	259074	59.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.040%	
62) 4-Bromofluorobenzene	12.483	95	86419	50.167	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	108	2.645	ug/l	88
10) Methyl Iodide	4.107	142	24	2.745	ug/l #	38
20) Methylene Chloride	4.722	84	5103	Below Cal		91
31) Cyclohexane	7.789	56	2464	1.319	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9202	4.807	ug/l #	49
38) Carbon Tetrachloride	7.789	117	12187	5.865	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46706	31.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46706	70.060	ug/l #	11

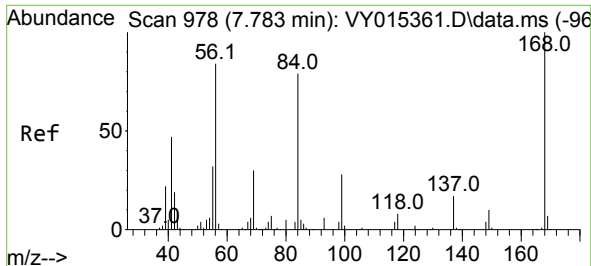
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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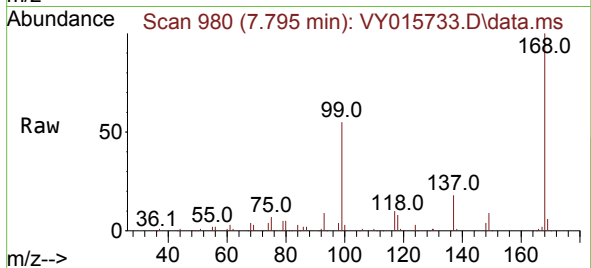
Quant Time: Sep 28 00:49:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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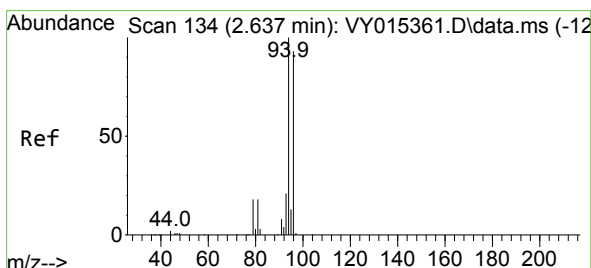
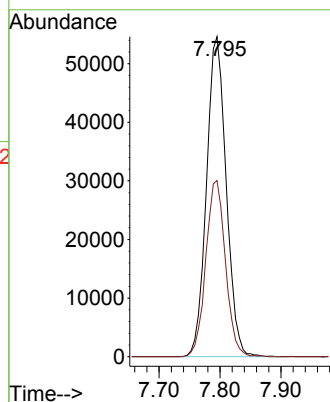
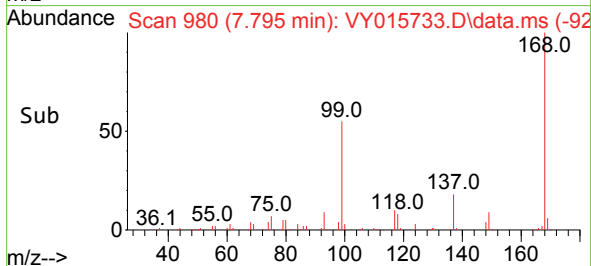


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :

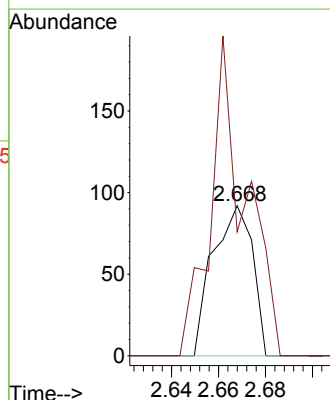
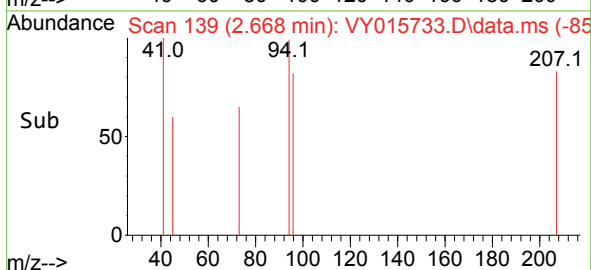
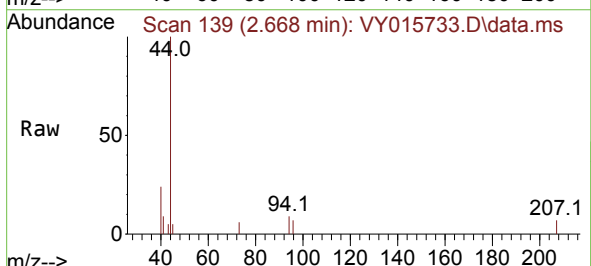


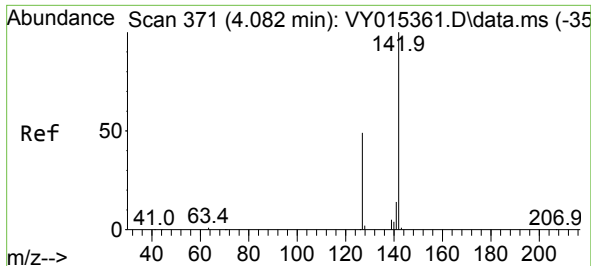
Tgt Ion:168 Resp: 122591
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#5
Bromomethane
Concen: 2.645 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

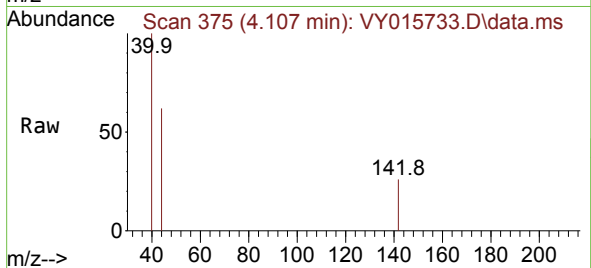
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 82.6 75.8 113.6



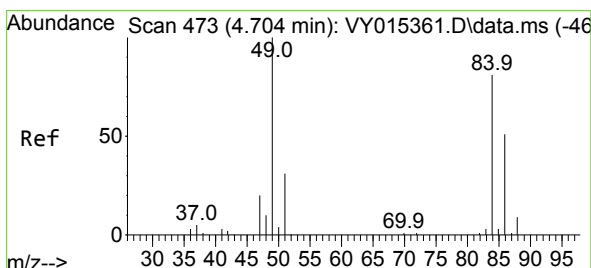
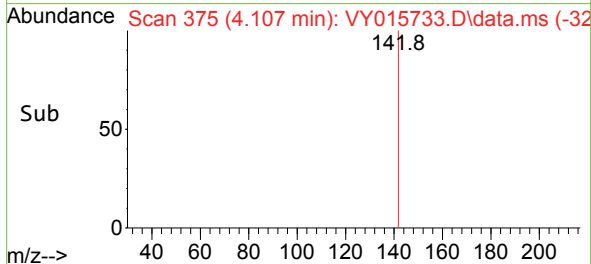
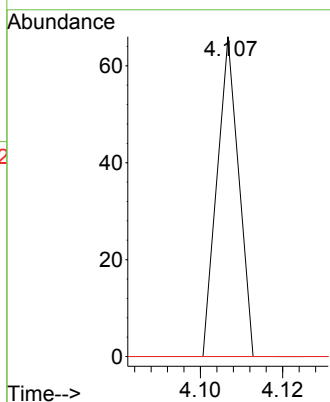


#10
Methyl Iodide
Concen: 2.745 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :

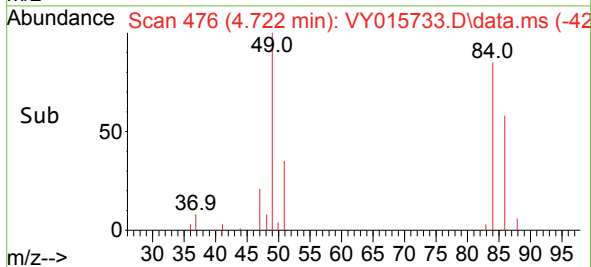
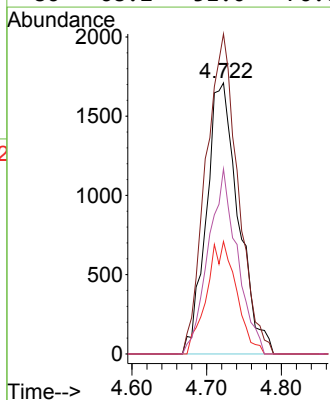
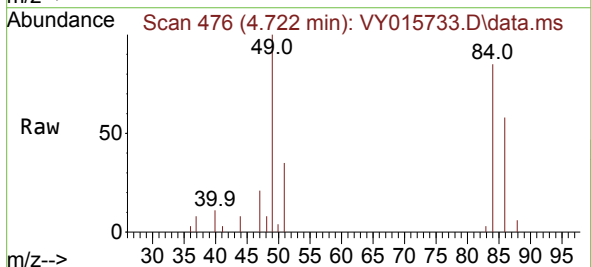


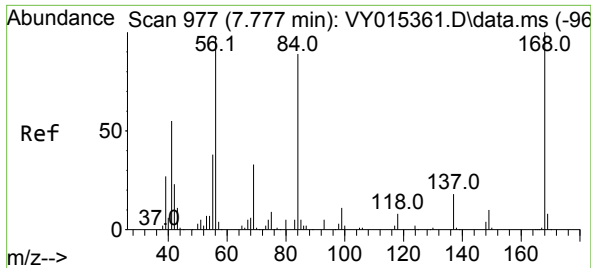
Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

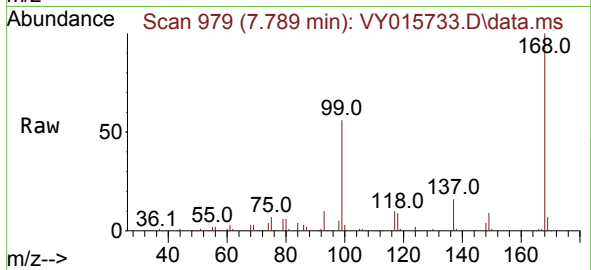
Tgt Ion: 84 Resp: 5103
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 41.5 33.2 49.8
86 68.2 51.0 76.6



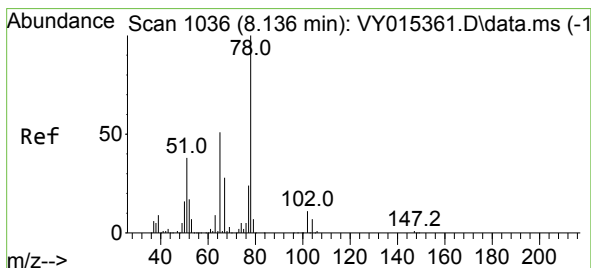
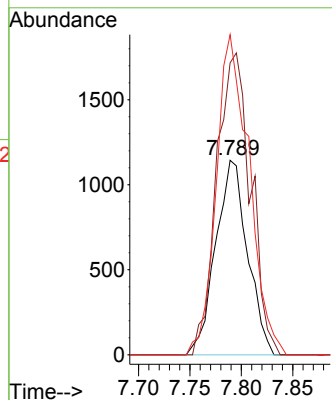
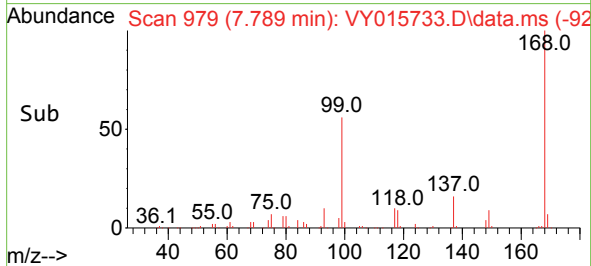


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :

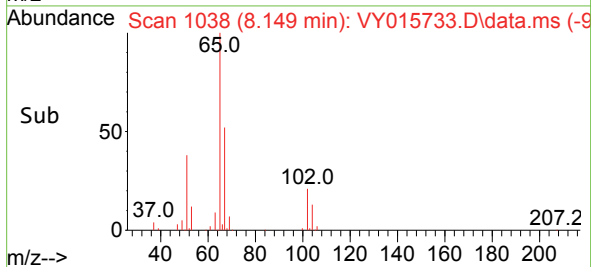
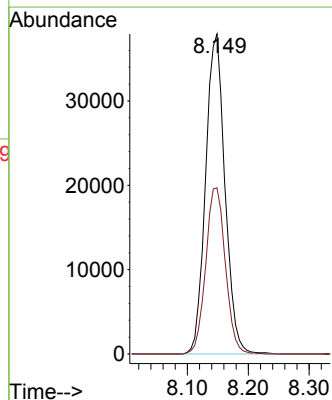
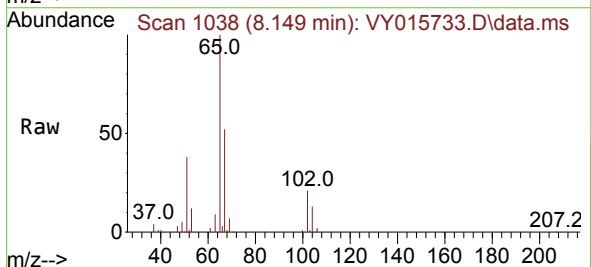


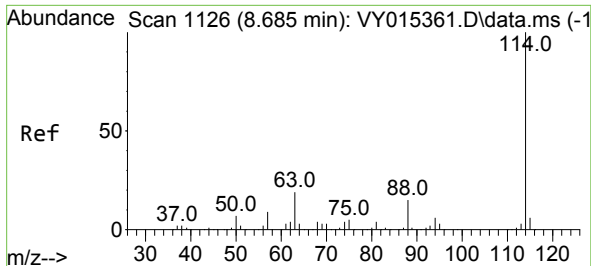
Tgt Ion: 56 Resp: 2464
Ion Ratio Lower Upper
56 100
69 150.1 27.8 41.6#
84 164.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.100 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Tgt Ion: 65 Resp: 83763
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8

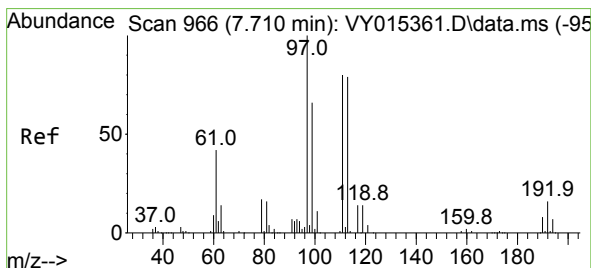
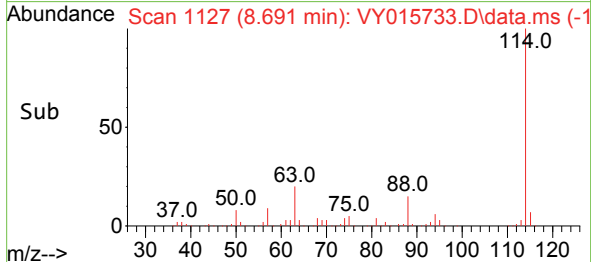
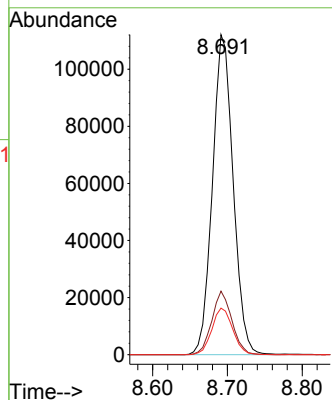
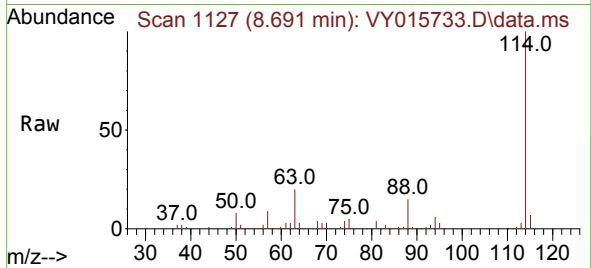




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

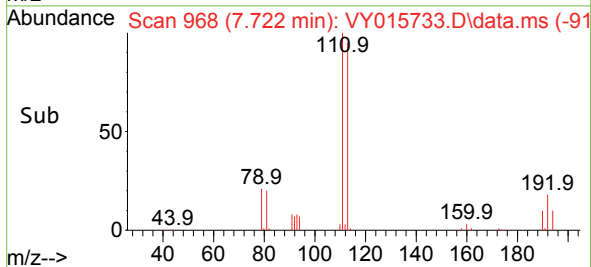
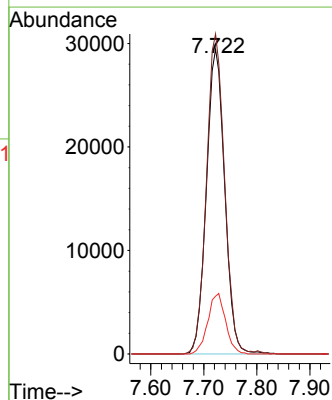
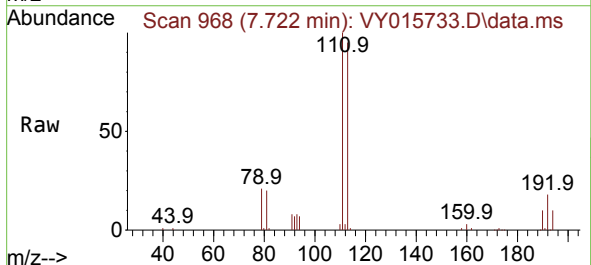
Instrument :
MSVOA_Y
ClientSampleId :

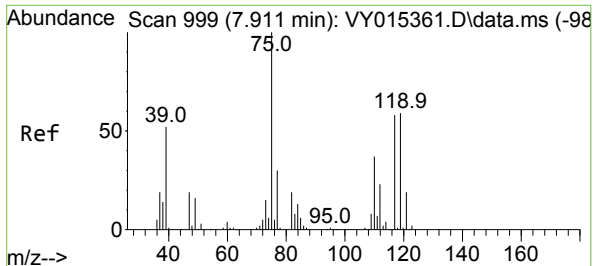
Tgt Ion:114 Resp: 216299
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.493 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Tgt Ion:113 Resp: 70548
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.3 16.9 25.3

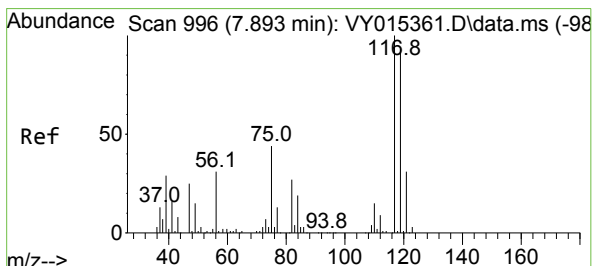
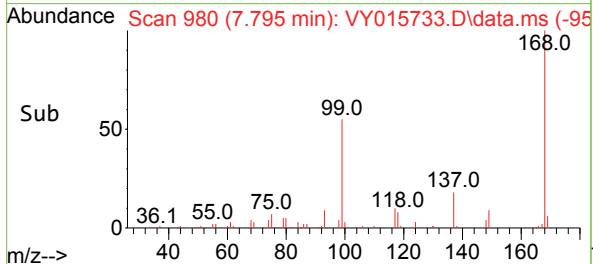
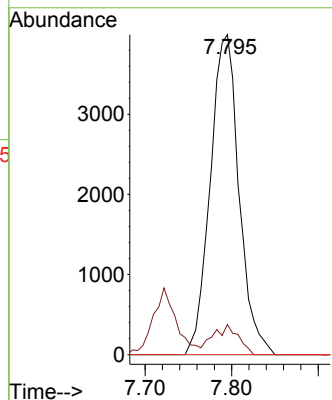
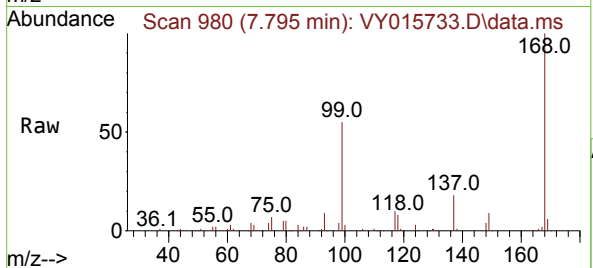




#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

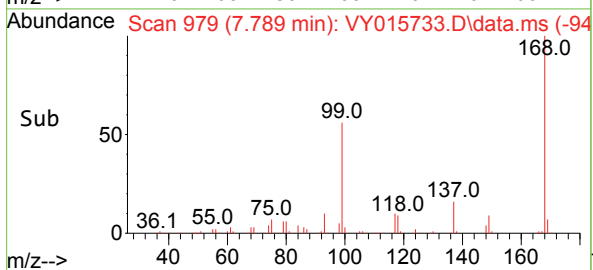
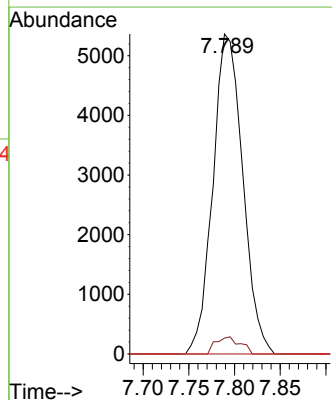
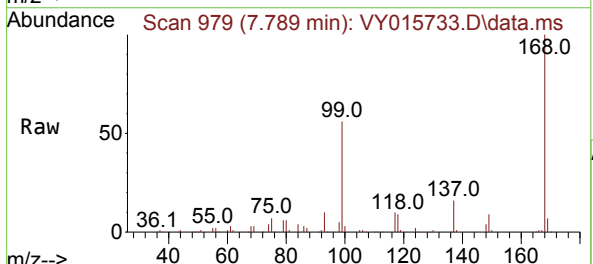
Instrument :
MSVOA_Y
ClientSampleId :

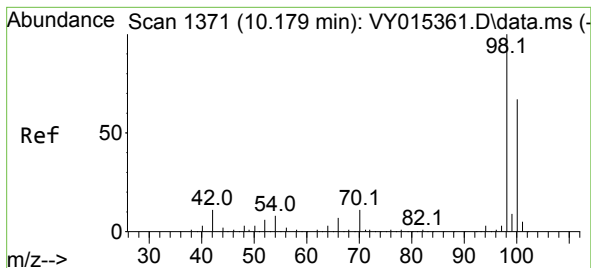
Tgt Ion: 75 Resp: 9202
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Tgt Ion: 117 Resp: 12187
Ion Ratio Lower Upper
117 100
119 5.0 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 59.020 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015733.D

Acq: 27 Sep 2023 18:41

Instrument :

MSVOA_Y

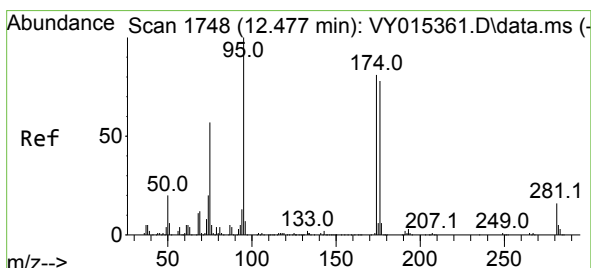
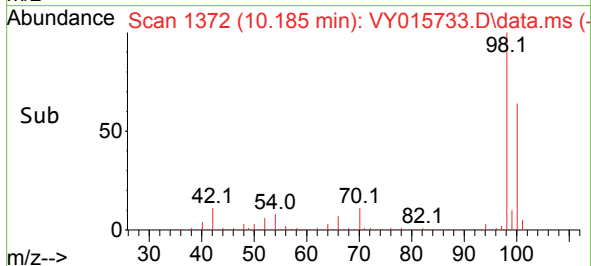
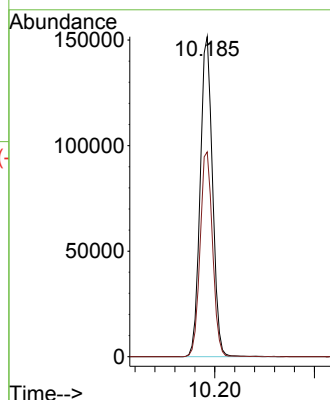
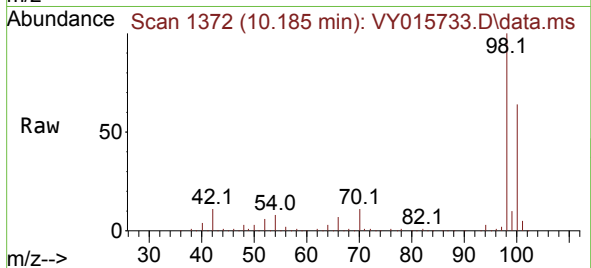
ClientSampleId :

Tgt Ion: 98 Resp: 259074

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.167 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015733.D

Acq: 27 Sep 2023 18:41

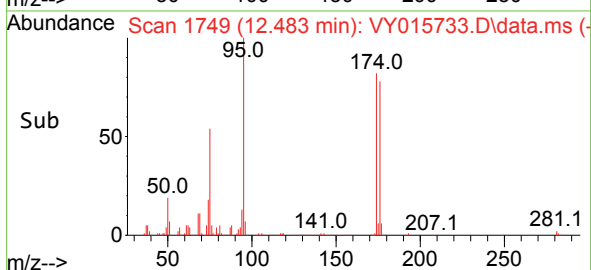
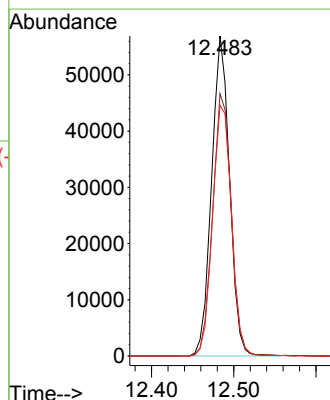
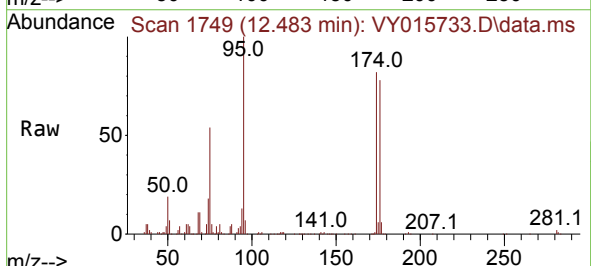
Tgt Ion: 95 Resp: 86419

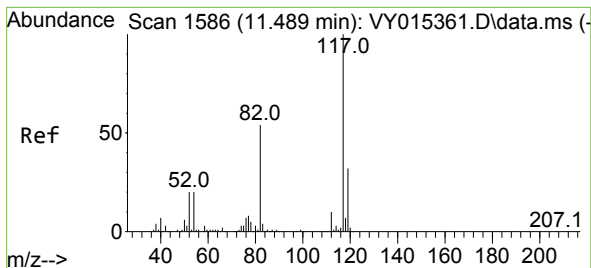
Ion Ratio Lower Upper

95 100

174 85.0 0.0 178.2

176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

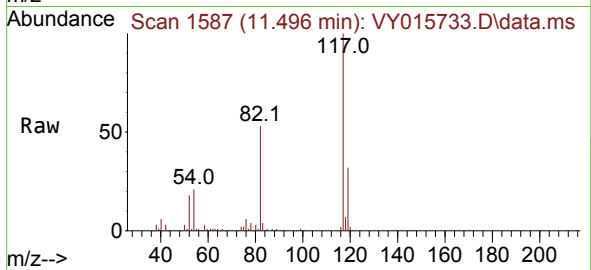
Lab File: VY015733.D

Acq: 27 Sep 2023 18:41

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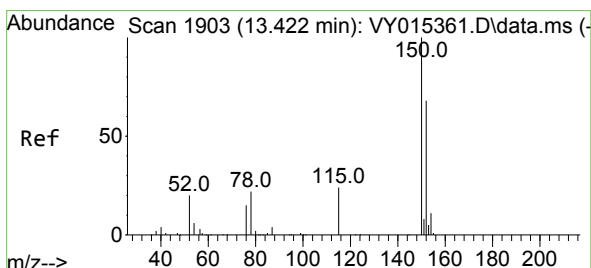
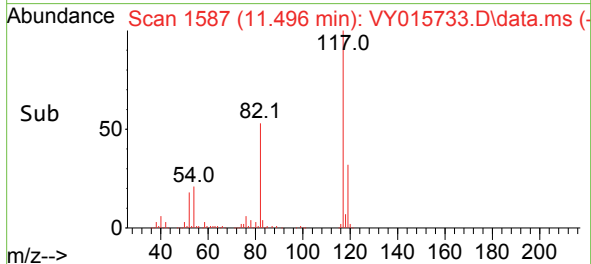
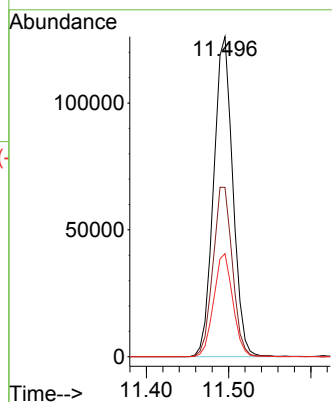
Tgt Ion:117 Resp: 204351

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.2 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: VY015733.D

Acq: 27 Sep 2023 18:41

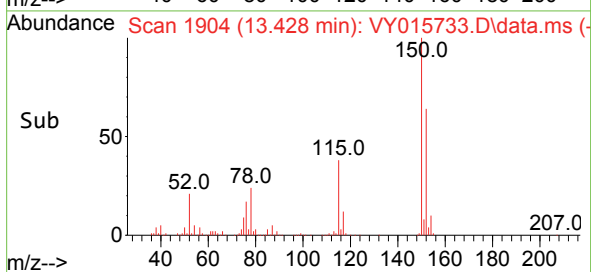
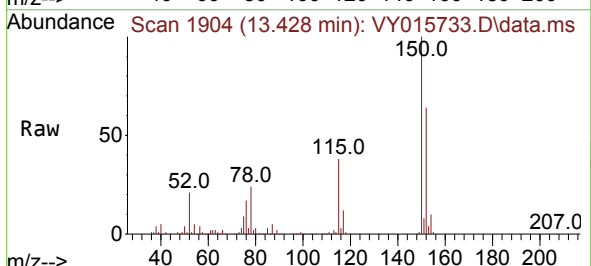
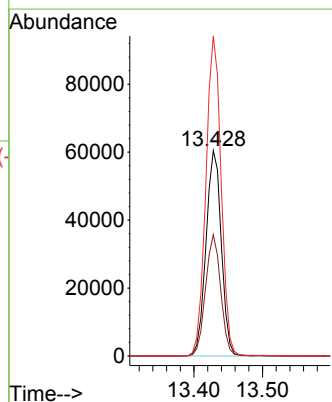
Tgt Ion:152 Resp: 94103

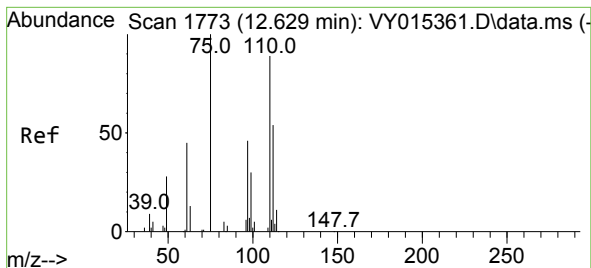
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 155.2 0.0 348.8

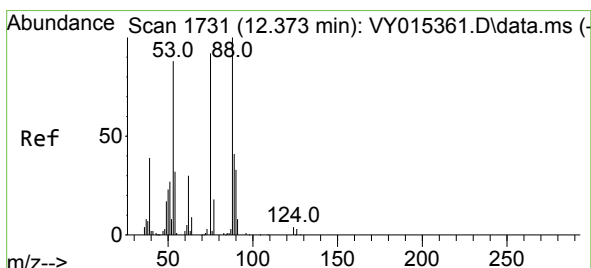
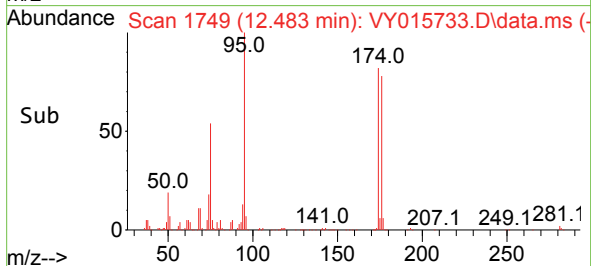
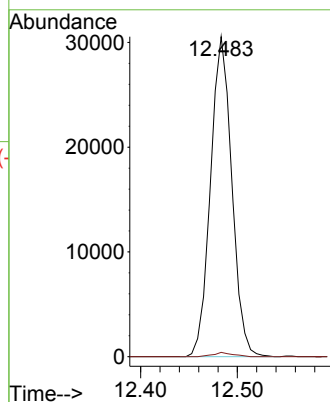
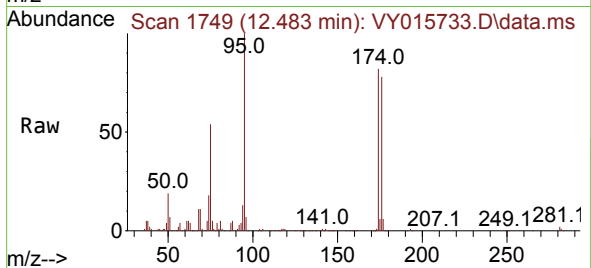




#76
1,2,3-Trichloropropane
Concen: 31.111 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46706
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015733.D
Acq: 27 Sep 2023 18:41

Tgt Ion: 75 Resp: 46706
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

