

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015750.D
 Acq On : 28 Sep 2023 17:54
 Operator : SY/MD
 Sample : 04627-15
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 29 01:27:29 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)

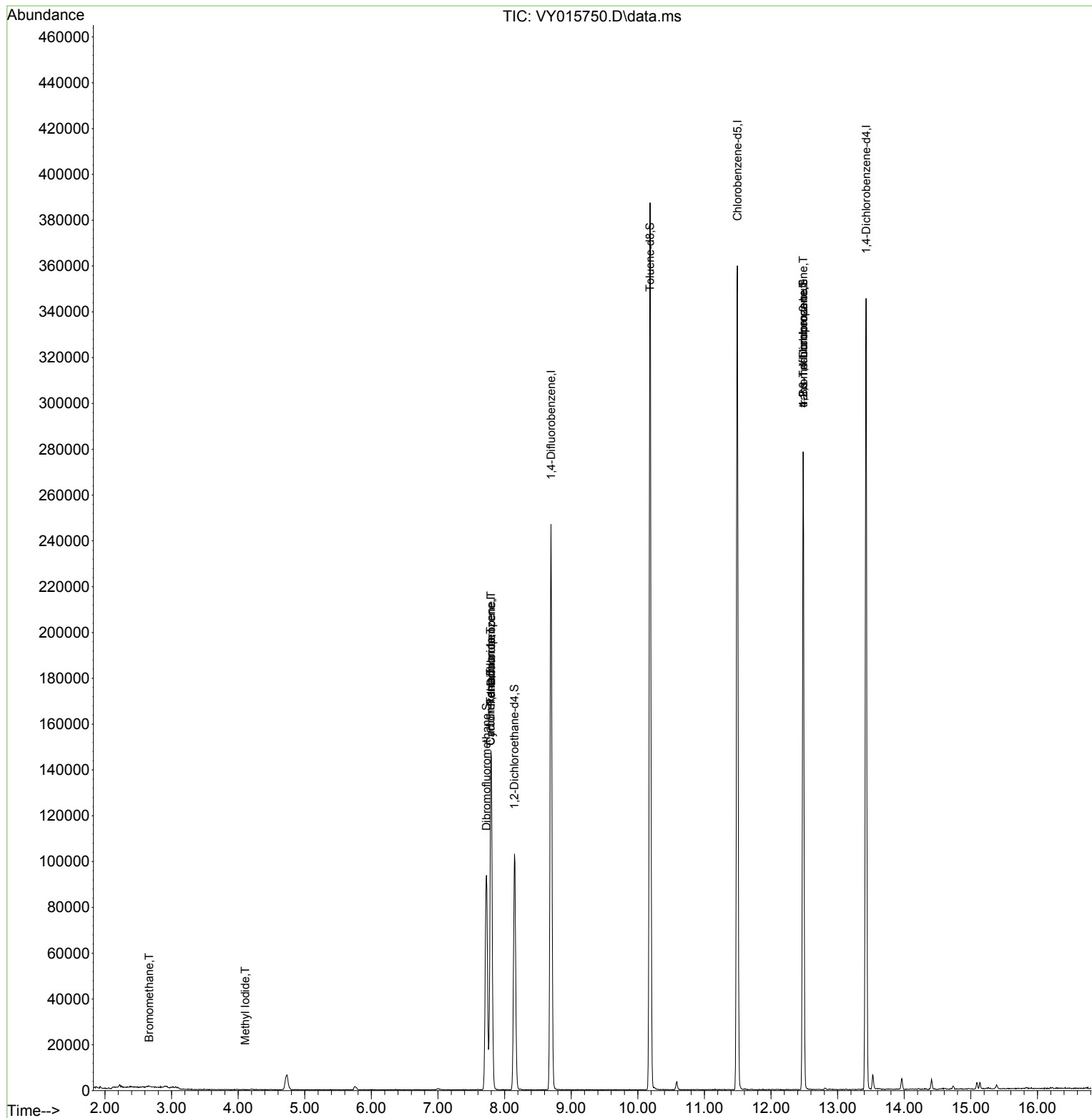
Internal Standards						
1) Pentafluorobenzene	7.795	168	116302	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	208622	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	194777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81305	63.537	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.080%	
35) Dibromofluoromethane	7.728	113	69057	55.304	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.600%	
50) Toluene-d8	10.185	98	249638	58.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.920%	
62) 4-Bromofluorobenzene	12.483	95	82577	49.701	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	150	2.686	ug/l #	20
10) Methyl Iodide	4.107	142	55	2.767	ug/l #	38
20) Methylene Chloride	4.735	84	5343	Below Cal		87
31) Cyclohexane	7.789	56	2418	1.364	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9043	4.898	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11811	5.894	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43707	30.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43707	69.361	ug/l #	10

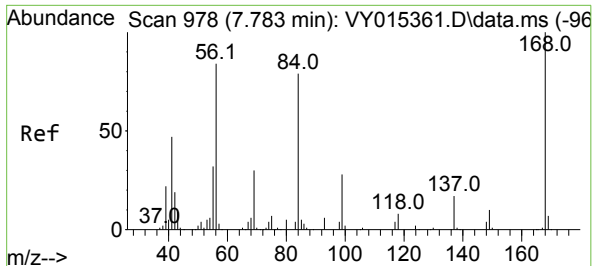
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
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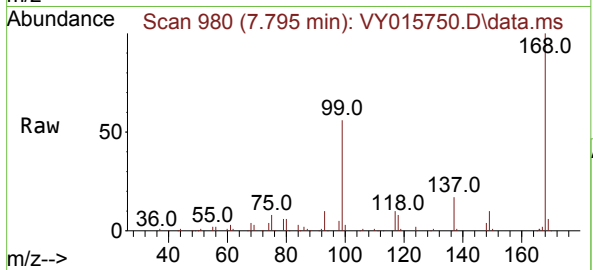
Quant Time: Sep 29 01:27:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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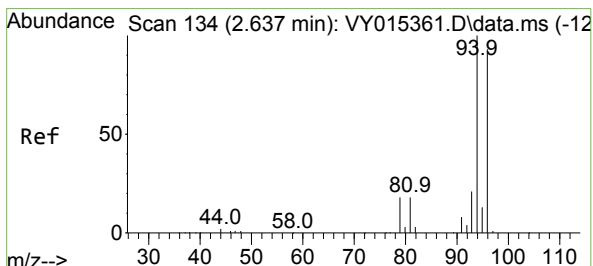
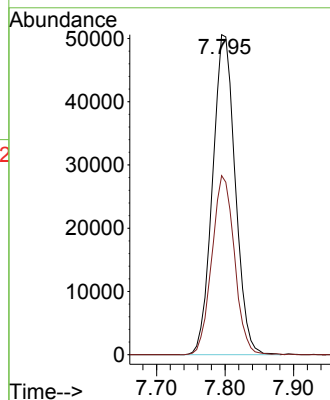
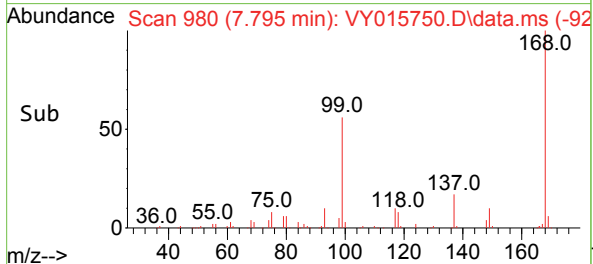


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Instrument :
MSVOA_Y
ClientSampleId :

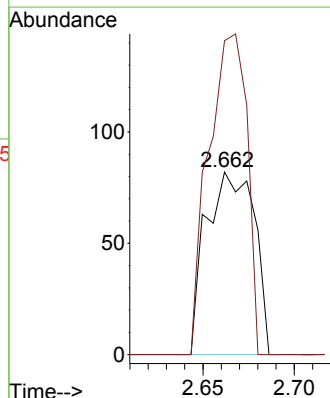
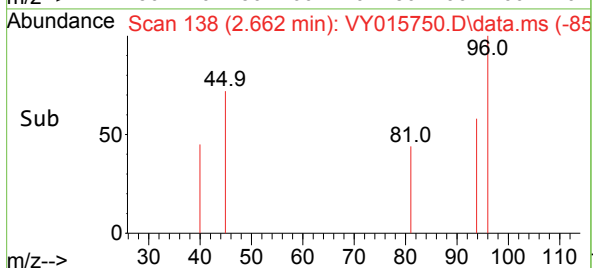
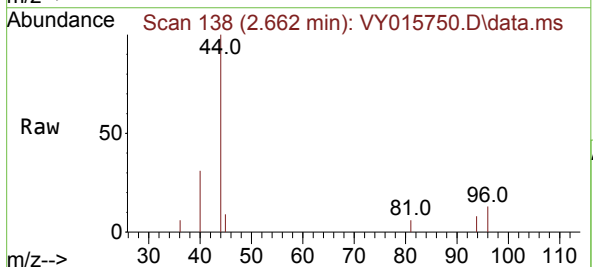


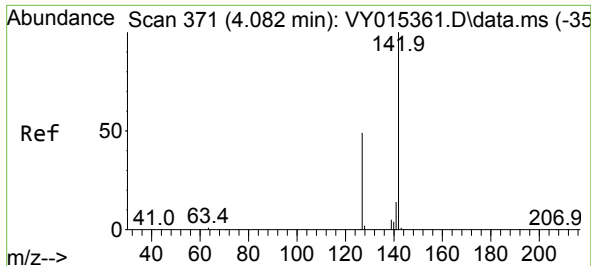
Tgt Ion:168 Resp: 116302
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#5
Bromomethane
Concen: 2.686 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

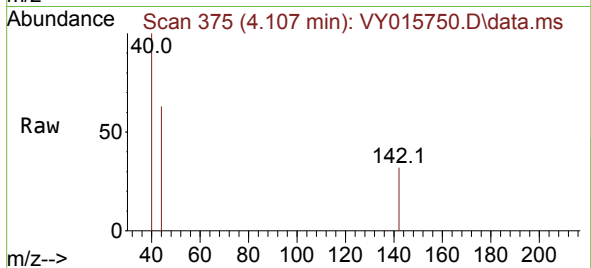
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 172.0 75.8 113.6#



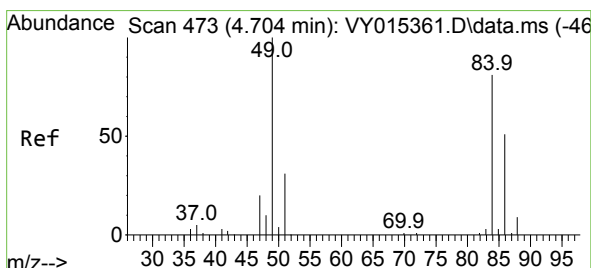
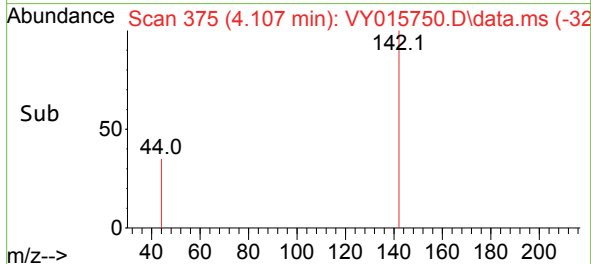
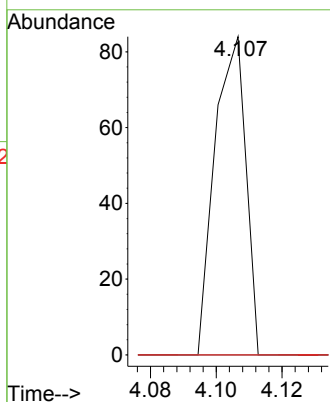


#10
Methyl Iodide
Concen: 2.767 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Instrument :
MSVOA_Y
ClientSampleId :

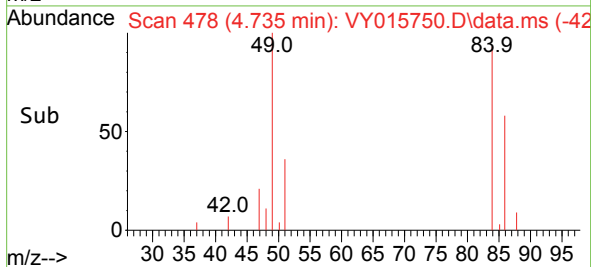
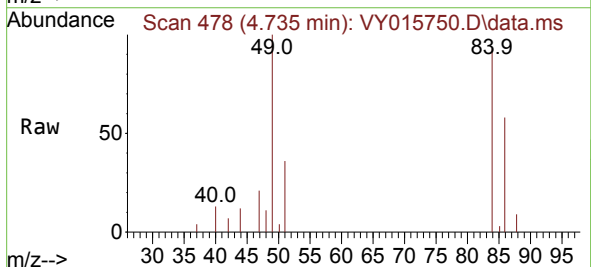
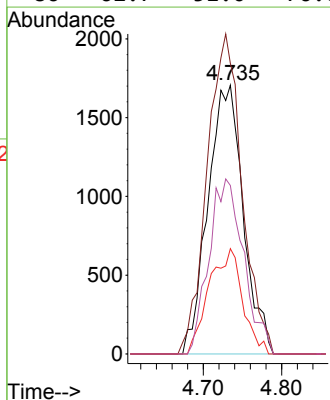


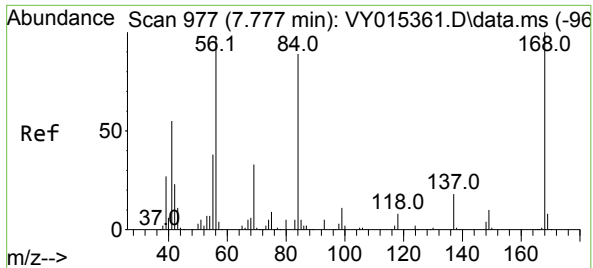
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.031 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Tgt Ion: 84 Resp: 5343
Ion Ratio Lower Upper
84 100
49 108.1 106.9 160.3
51 39.2 33.2 49.8
86 62.7 51.0 76.6

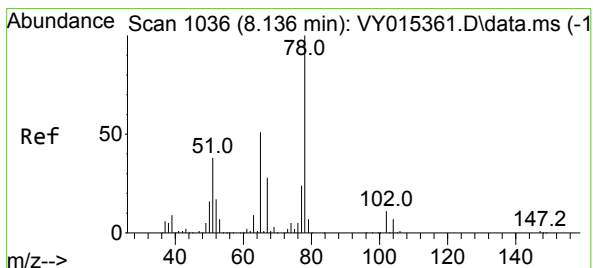
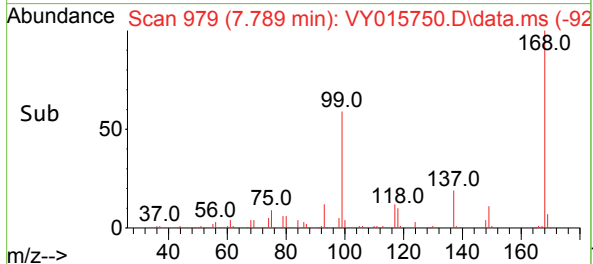
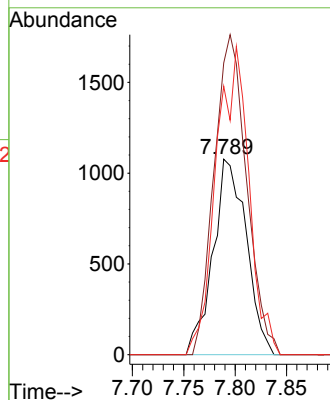
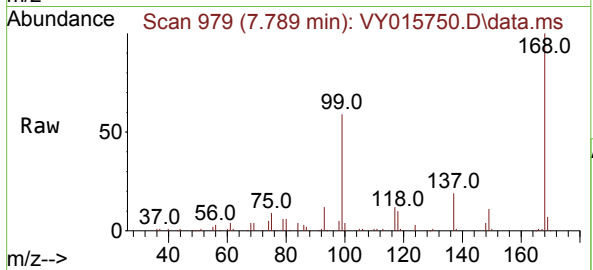




#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

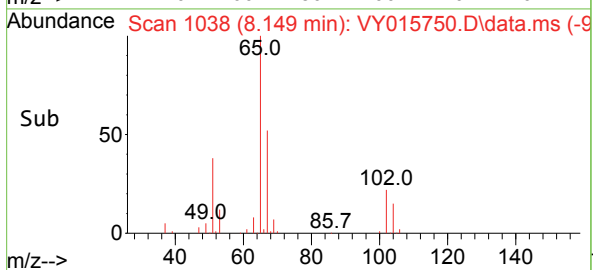
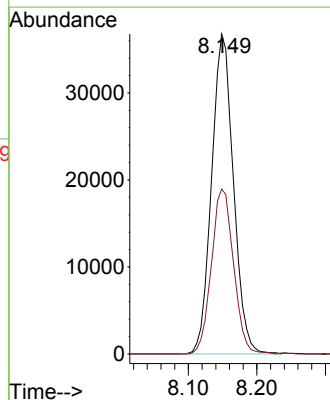
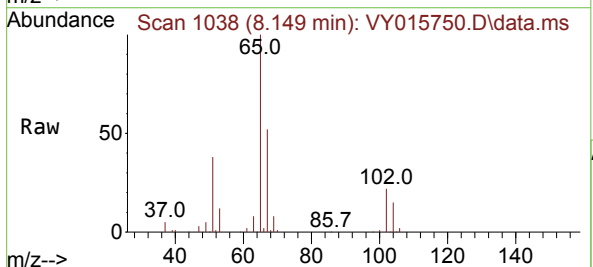
Instrument :
MSVOA_Y
ClientSampleId :

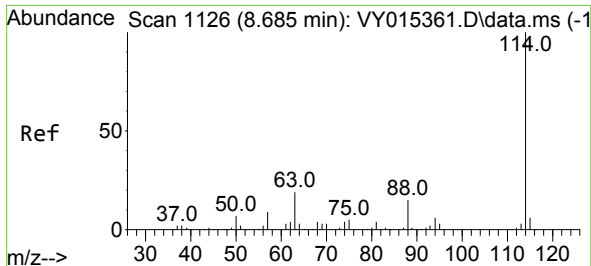
Tgt Ion: 56 Resp: 2418
Ion Ratio Lower Upper
56 100
69 149.2 27.8 41.6#
84 137.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 63.537 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Tgt Ion: 65 Resp: 81305
Ion Ratio Lower Upper
65 100
67 52.2 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: VY015750.D

Acq: 28 Sep 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

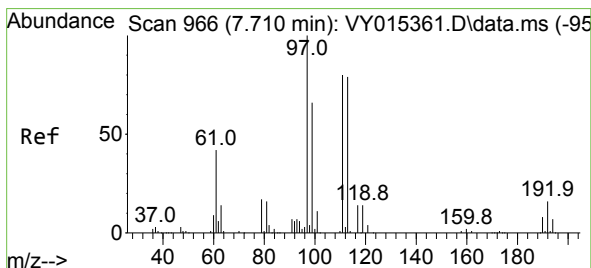
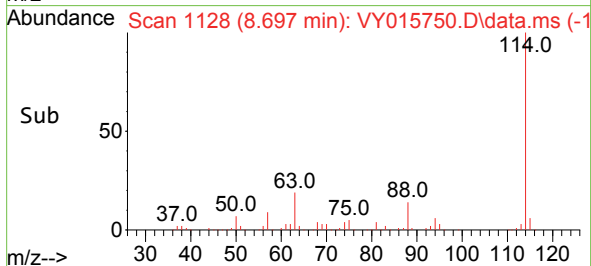
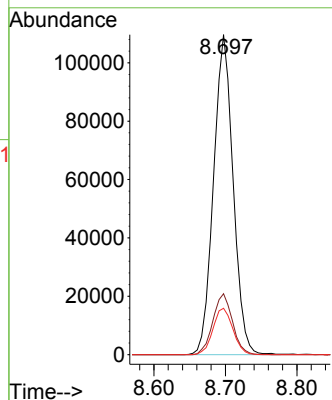
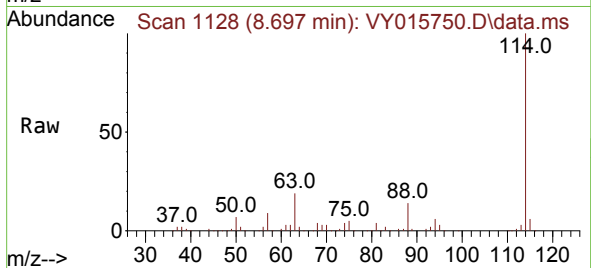
Tgt Ion:114 Resp: 208622

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.304 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015750.D

Acq: 28 Sep 2023 17:54

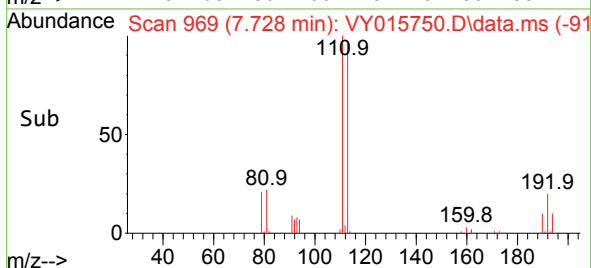
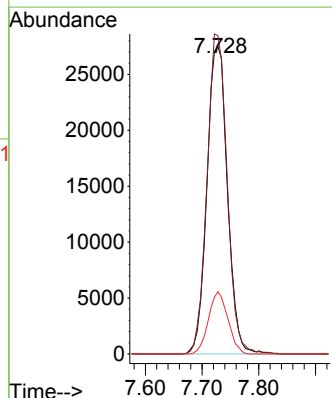
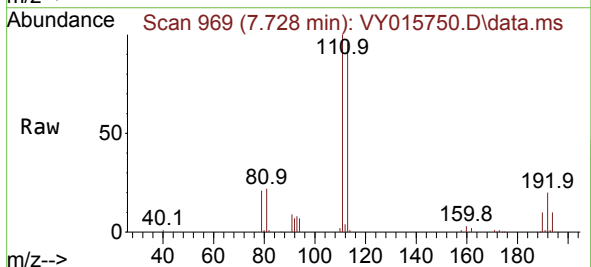
Tgt Ion:113 Resp: 69057

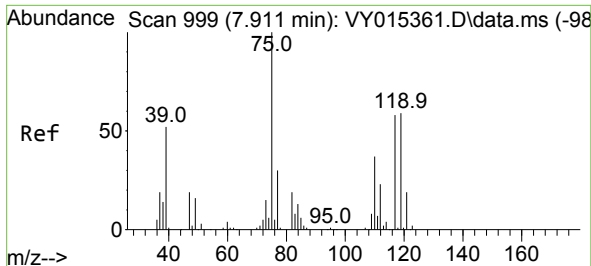
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

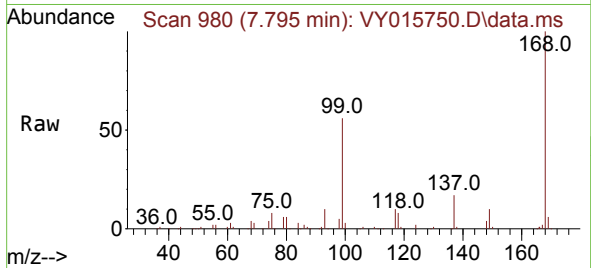
192 19.2 16.9 25.3



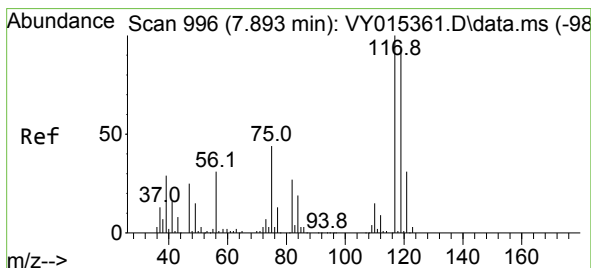
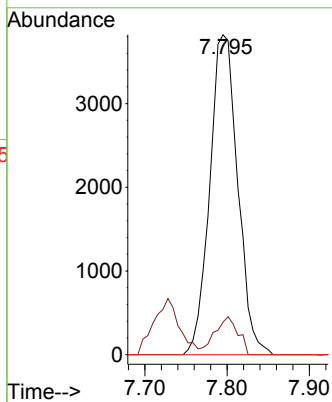
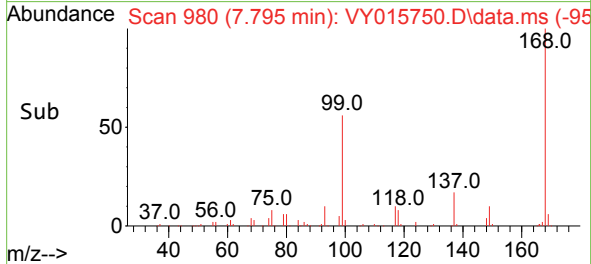


#36
 1,1-Dichloropropene
 Concen: 4.898 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY015750.D
 Acq: 28 Sep 2023 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :

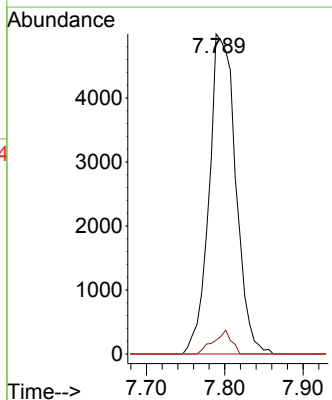
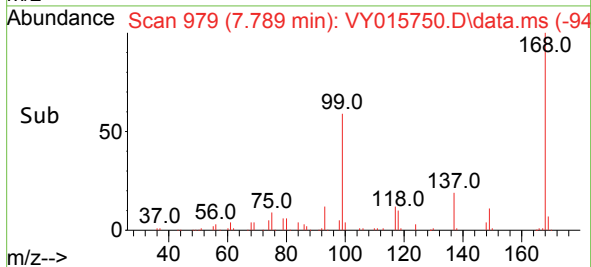
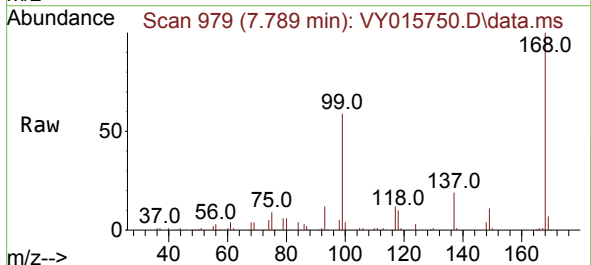


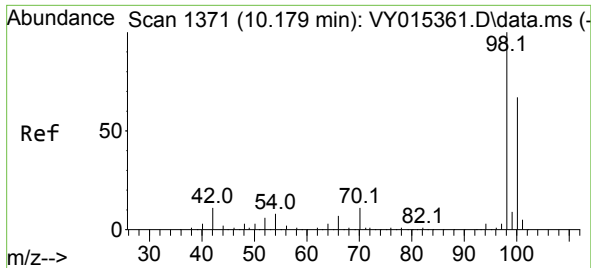
Tgt Ion: 75 Resp: 9043
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.894 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.104 min
 Lab File: VY015750.D
 Acq: 28 Sep 2023 17:54

Tgt Ion: 117 Resp: 11811
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.4 114.6#
 121 0.0 25.8 38.6#

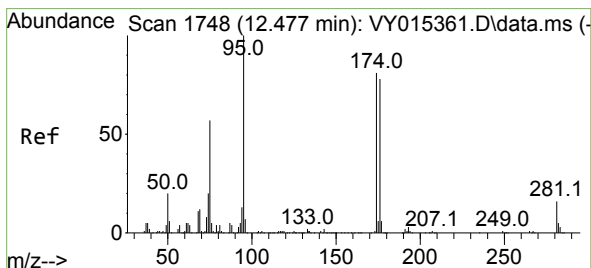
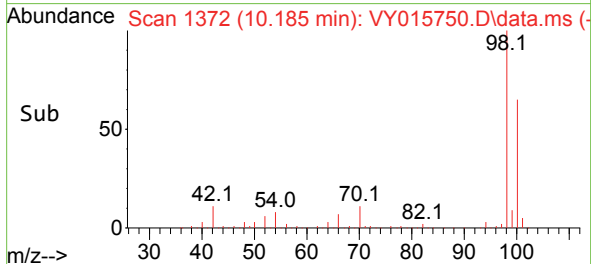
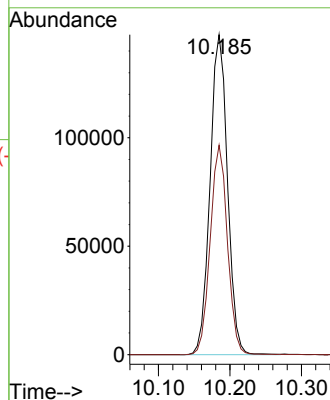
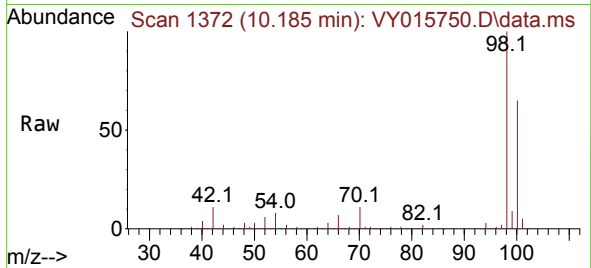




#50
Toluene-d8
Concen: 58.963 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

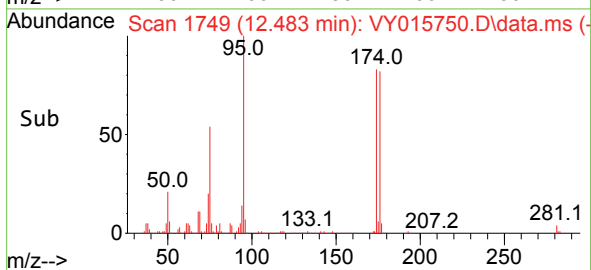
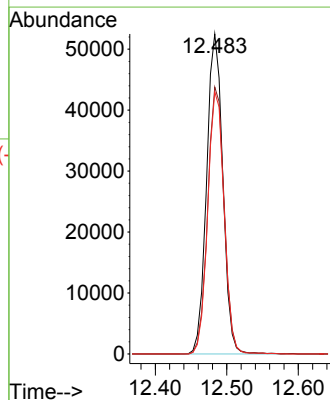
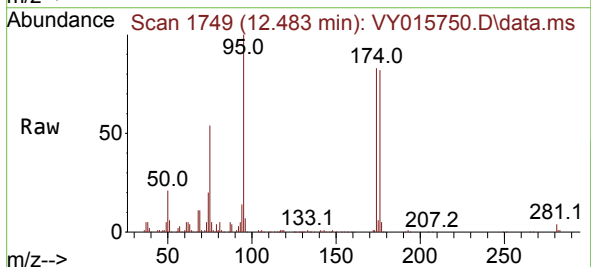
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MSVOA_Y
ClientSampleId :

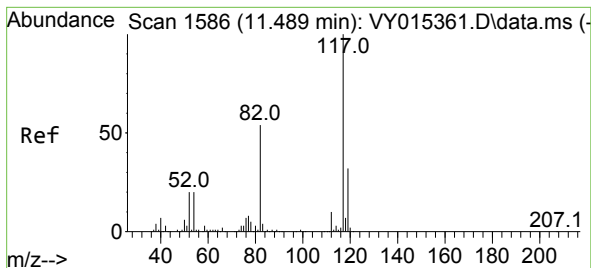
Tgt Ion: 98 Resp: 249638
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Tgt Ion: 95 Resp: 82577
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.8 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: VY015750.D

Acq: 28 Sep 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

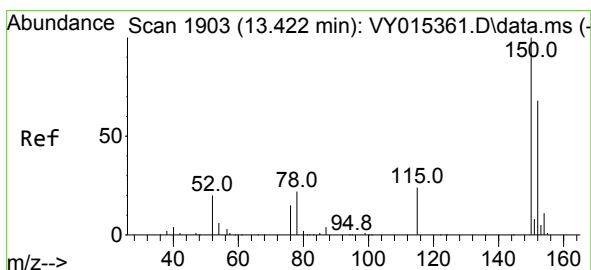
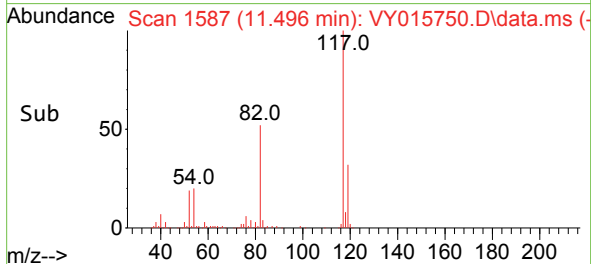
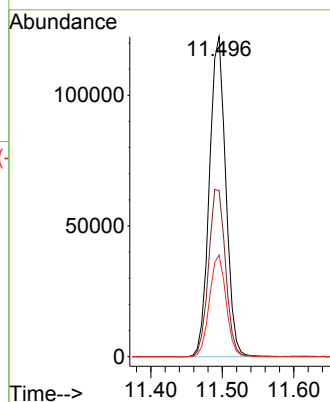
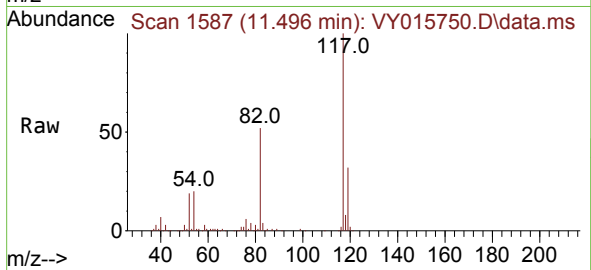
Tgt Ion:117 Resp: 194777

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 31.8 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: VY015750.D

Acq: 28 Sep 2023 17:54

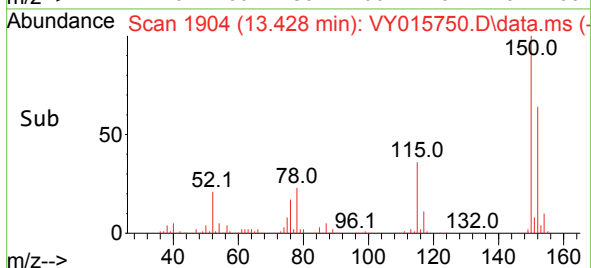
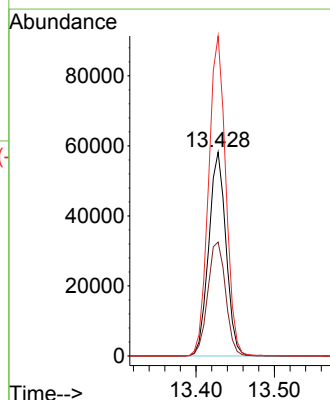
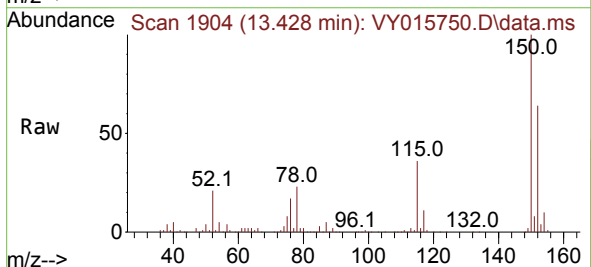
Tgt Ion:152 Resp: 88948

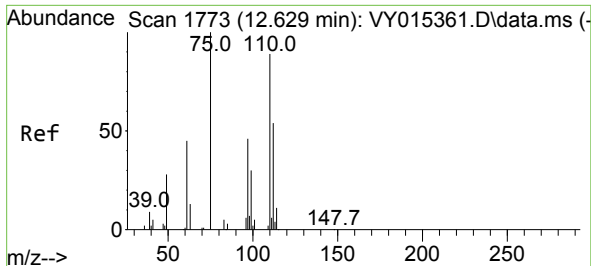
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.4 0.0 348.8

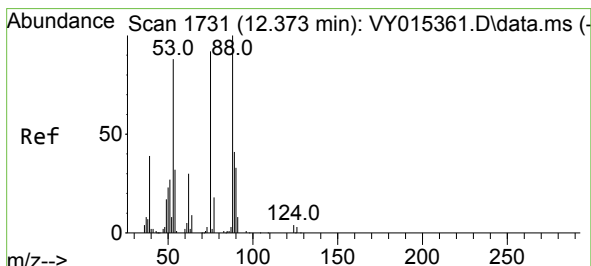
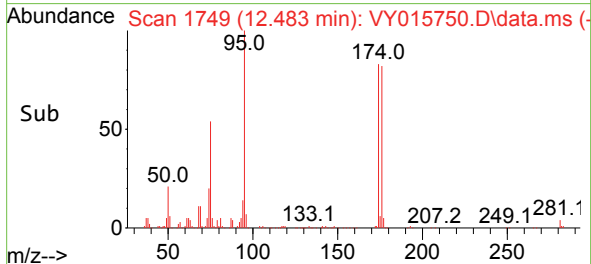
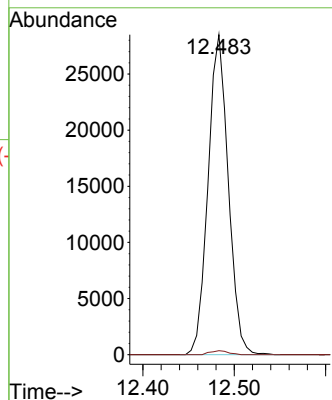
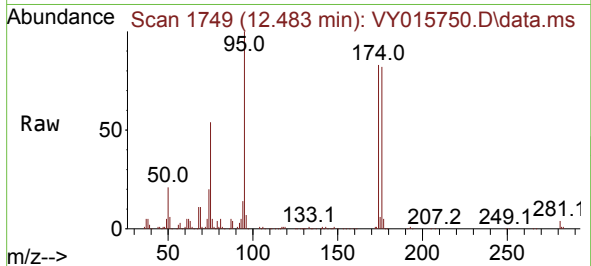




#76
1,2,3-Trichloropropane
Concen: 30.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43707
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Tgt Ion: 75 Resp: 43707
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

