

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015898.D
 Acq On : 10 Oct 2023 15:41
 Operator : SY/MD
 Sample : 04769-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:20:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

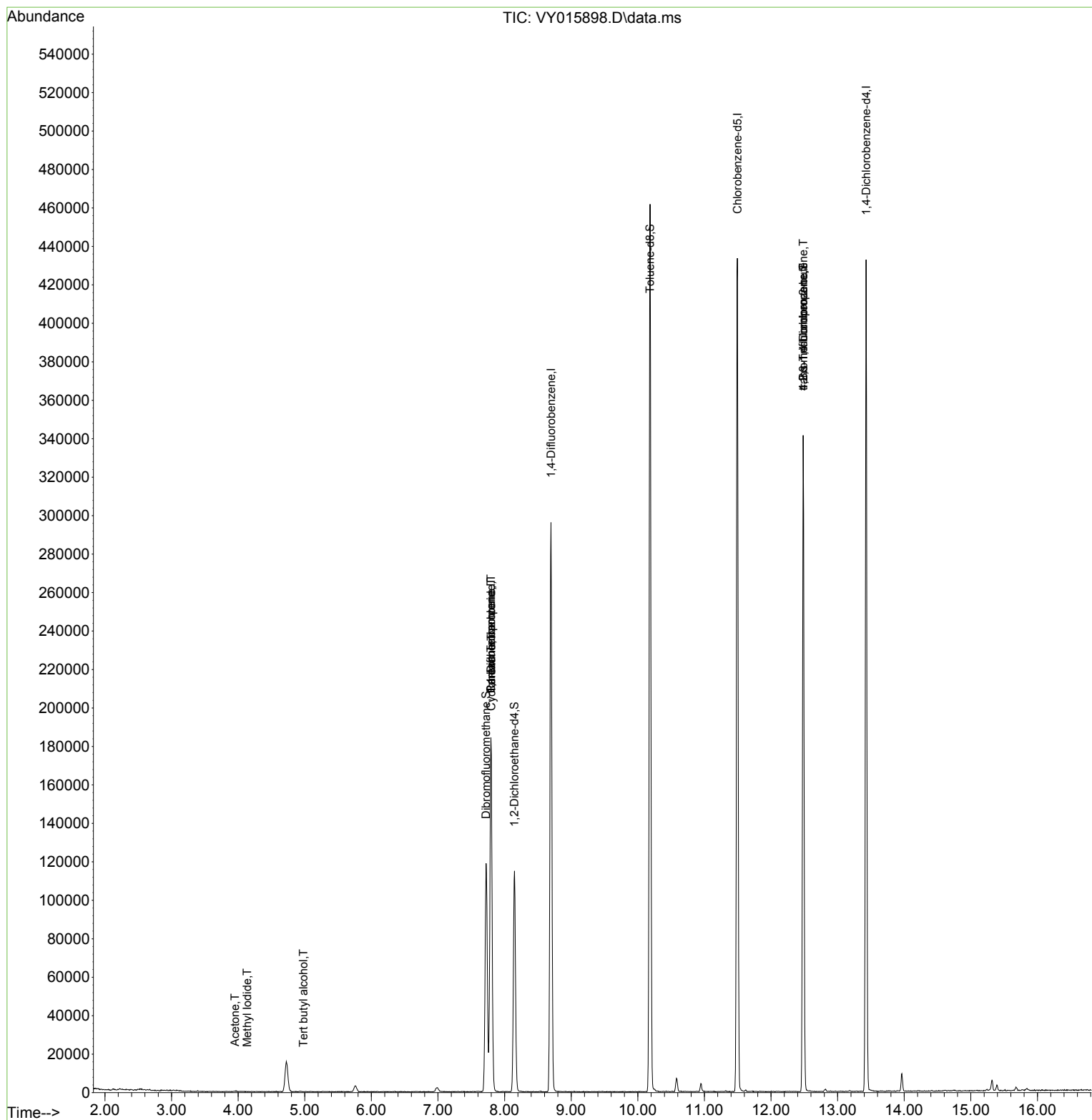
Internal Standards						
1) Pentafluorobenzene	7.795	168	146472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88549	67.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.380%	
35) Dibromofluoromethane	7.722	113	84643	58.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.860%	
50) Toluene-d8	10.185	98	307364	64.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 128.760%	
62) 4-Bromofluorobenzene	12.483	95	103278	53.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.520%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.137	142	27	2.296	ug/l #	38
11) Tert butyl alcohol	4.978	59	19	10.891	ug/l #	89
16) Acetone	3.954	43	676	7.199	ug/l #	83
20) Methylene Chloride	4.722	84	12241	Below Cal		92
31) Cyclohexane	7.801	56	2773	1.965	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10957	6.829	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14707	7.633	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54462	42.588	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54462	94.439	ug/l #	11

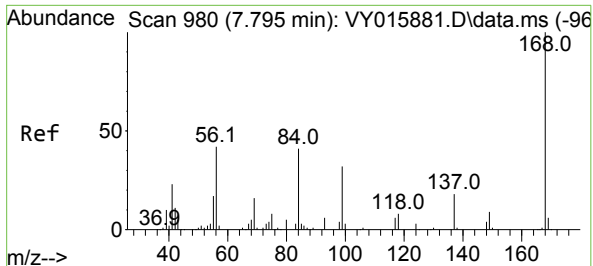
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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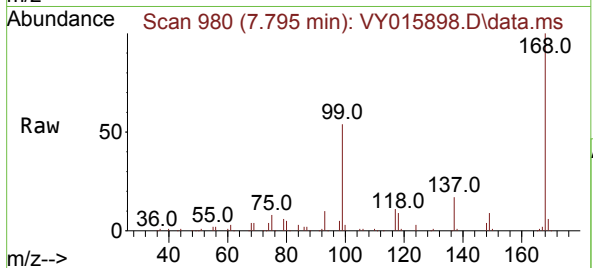
Quant Time: Oct 11 01:20:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
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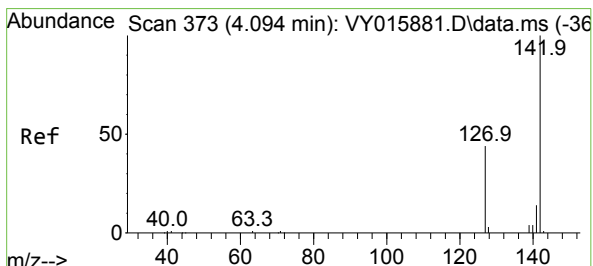
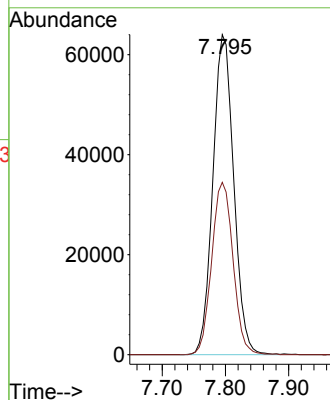
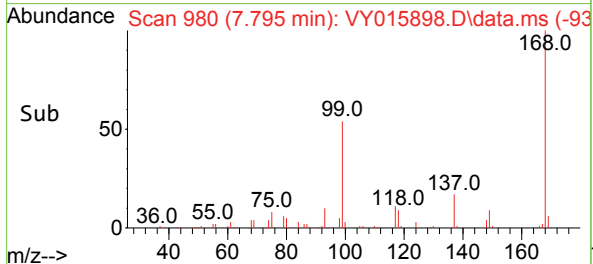


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

Instrument :
MSVOA_Y
ClientSampleId :

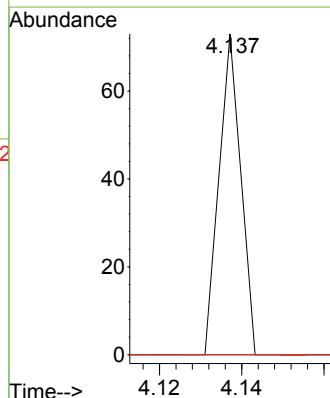
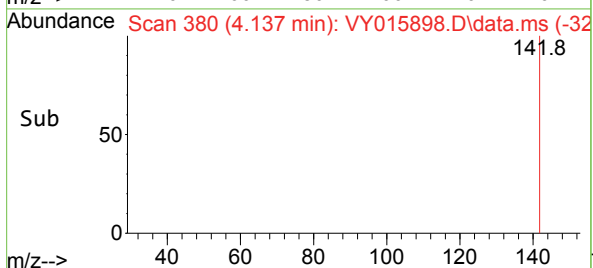
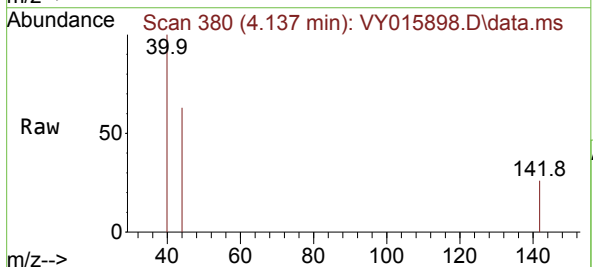


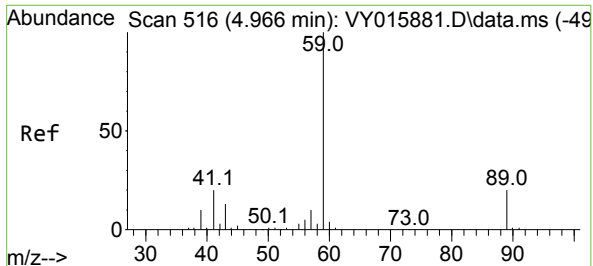
Tgt Ion:168 Resp: 146472
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.296 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.043 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

Tgt Ion:142 Resp: 27
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#11

Tert butyl alcohol

Concen: 10.891 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Instrument :

MSVOA_Y

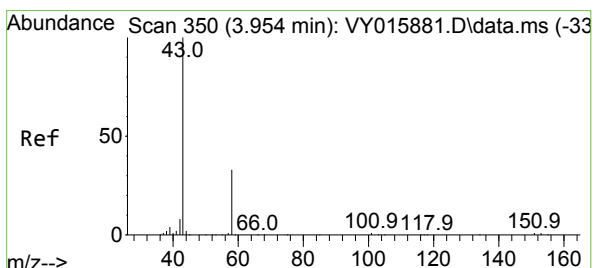
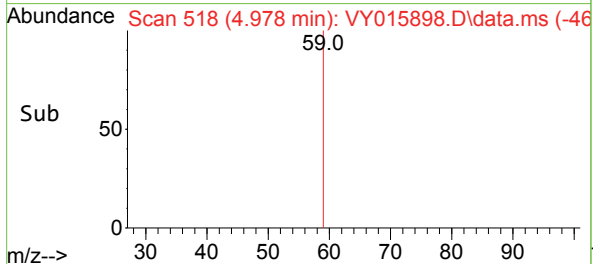
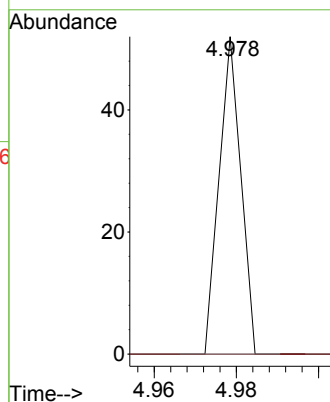
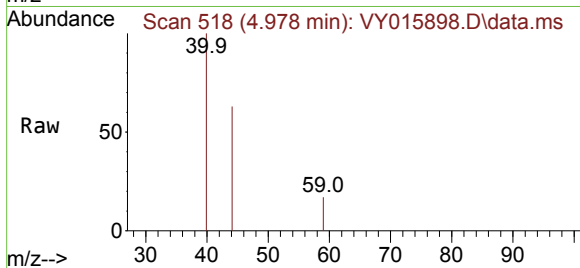
ClientSampleId :

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#16

Acetone

Concen: 7.199 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY015898.D

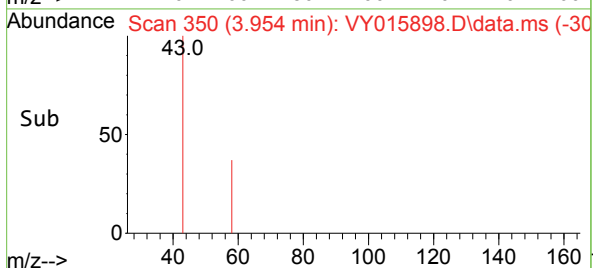
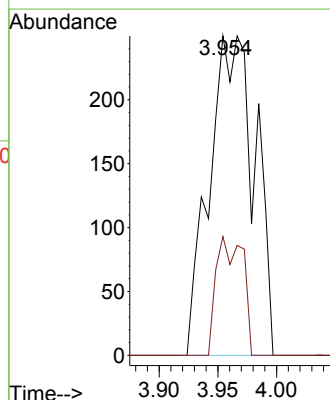
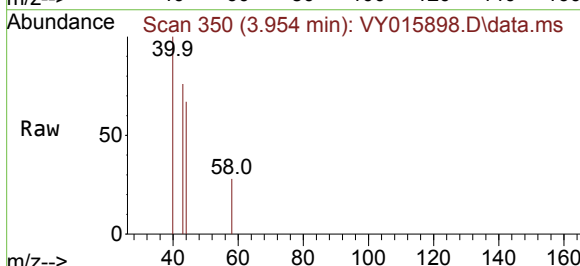
Acq: 10 Oct 2023 15:41

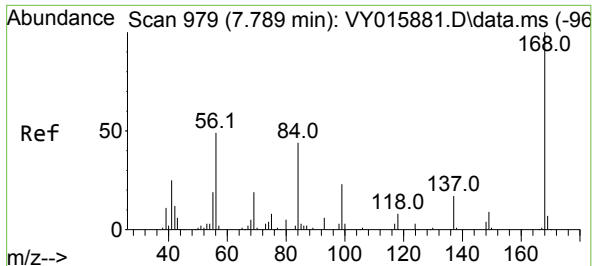
Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

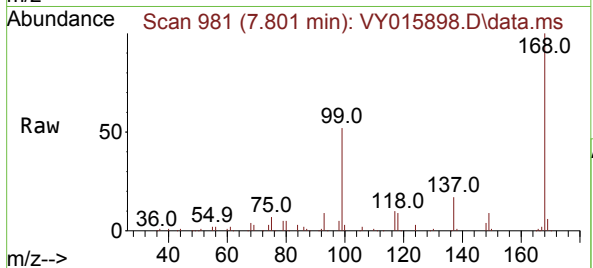
58 37.2 22.7 34.1#



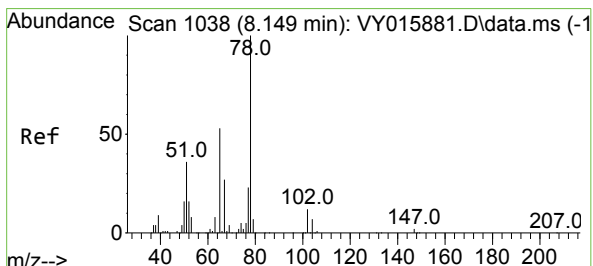
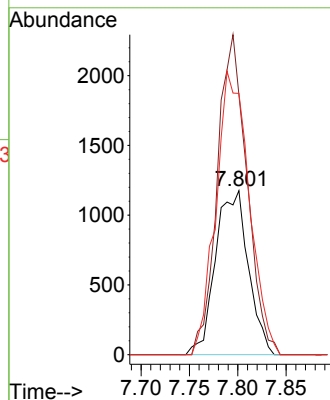
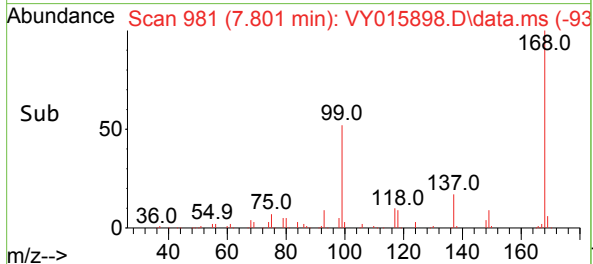


#31
Cyclohexane
Concen: 1.965 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

Instrument :
MSVOA_Y
ClientSampleId :

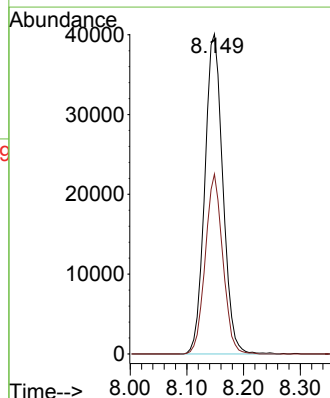
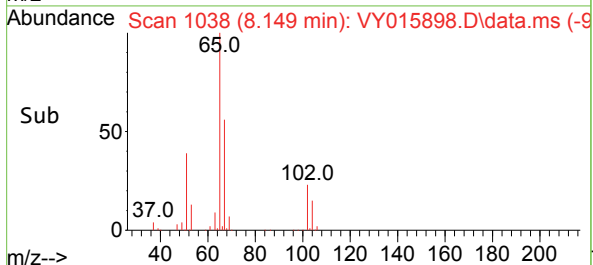
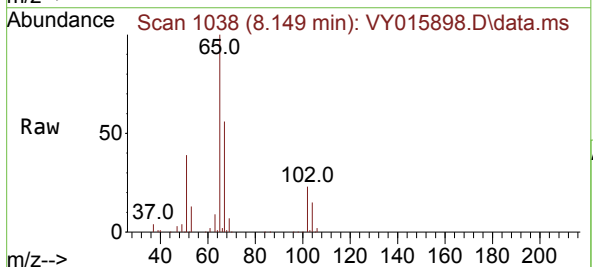


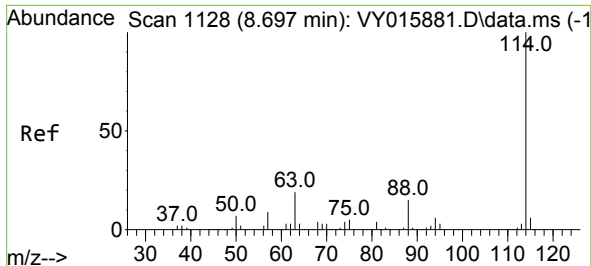
Tgt Ion: 56 Resp: 2773
Ion Ratio Lower Upper
56 100
69 158.4 27.8 41.6#
84 159.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.187 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

Tgt Ion: 65 Resp: 88549
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :

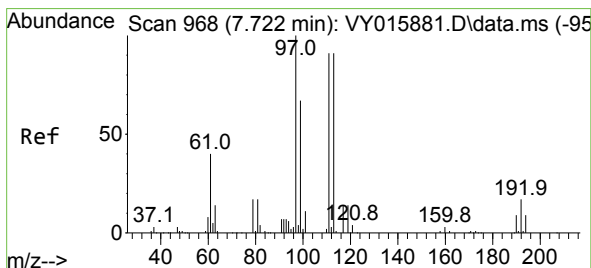
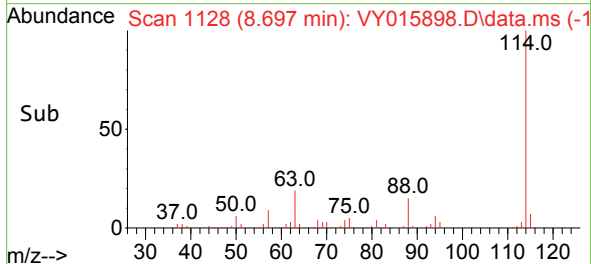
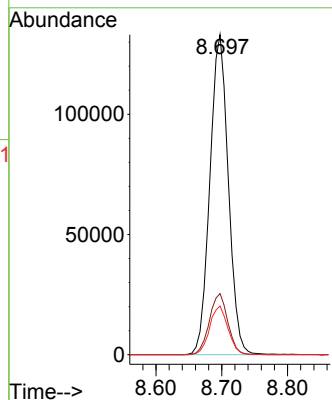
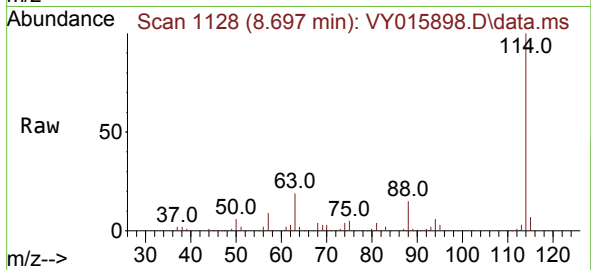
Tgt Ion:114 Resp: 259713

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.430 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

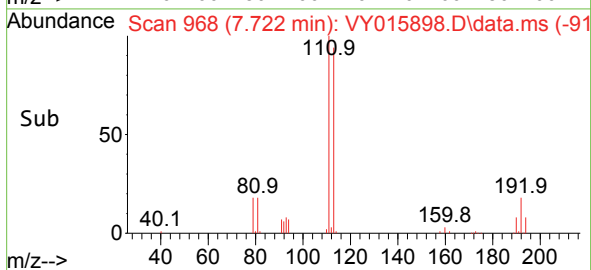
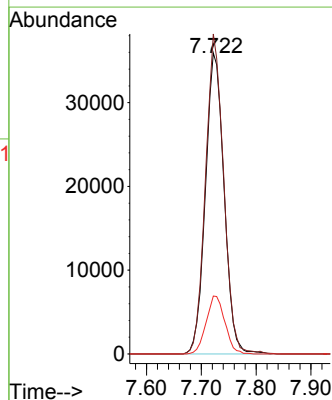
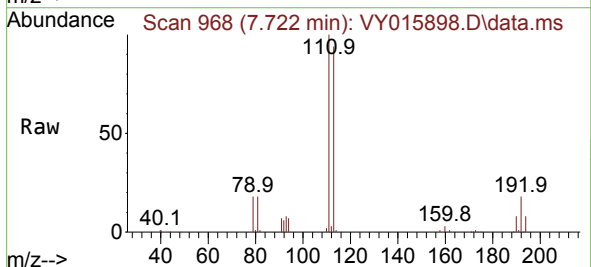
Tgt Ion:113 Resp: 84643

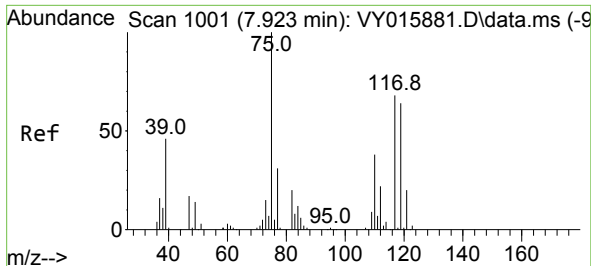
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.829 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

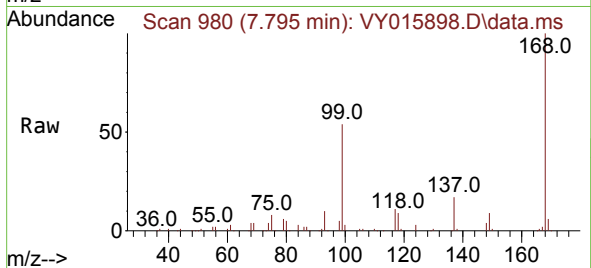
Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

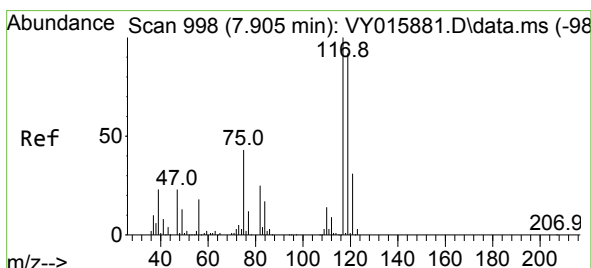
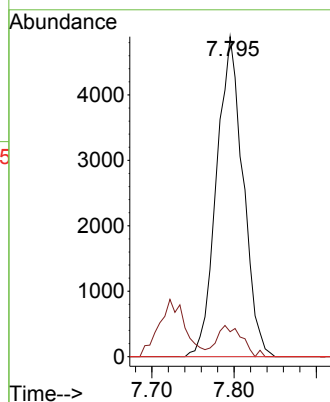
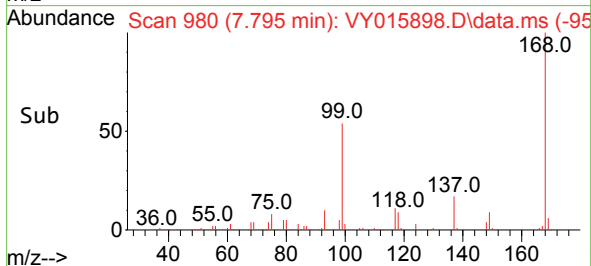
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 10957
Ion Ratio	Lower Upper
75	100
110	9.3 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.633 ug/l

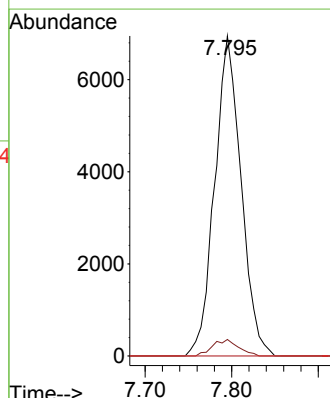
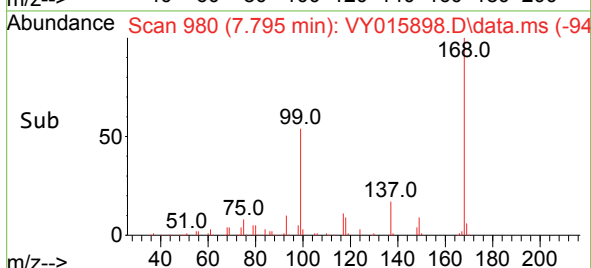
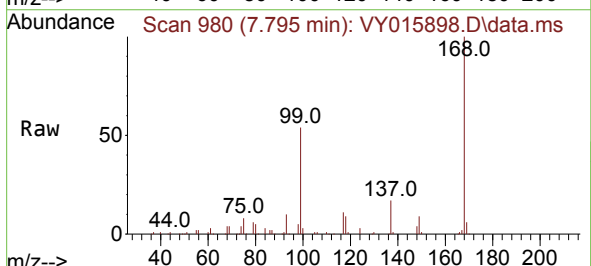
RT: 7.795 min Scan# 980

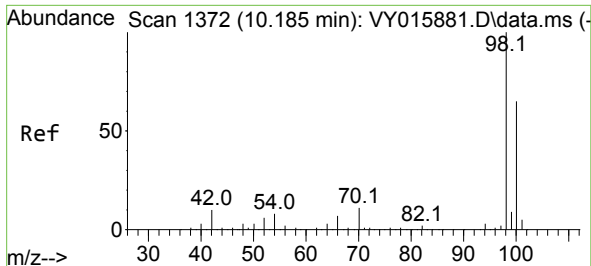
Delta R.T. -0.110 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Tgt Ion: 117	Resp: 14707
Ion Ratio	Lower Upper
117	100
119	5.2 76.4 114.6#
121	0.0 25.8 38.6#

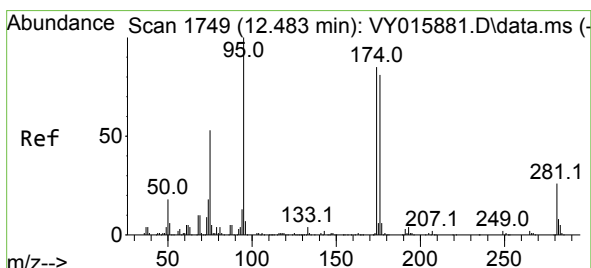
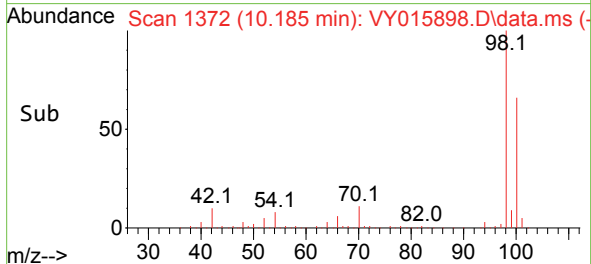
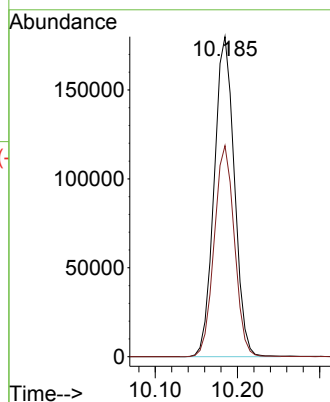
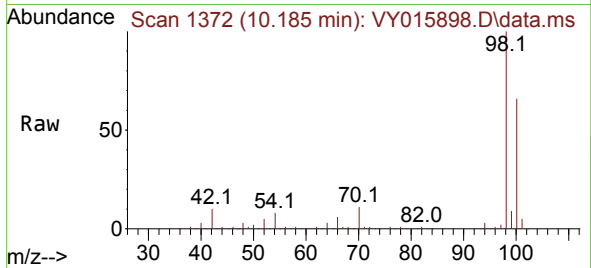




#50
Toluene-d8
Concen: 64.380 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

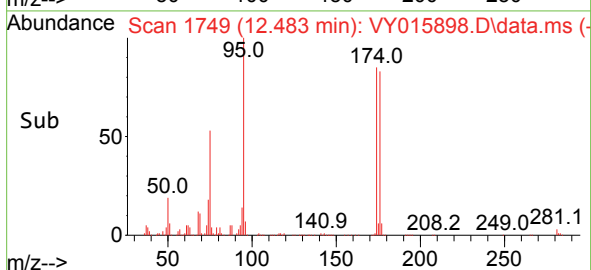
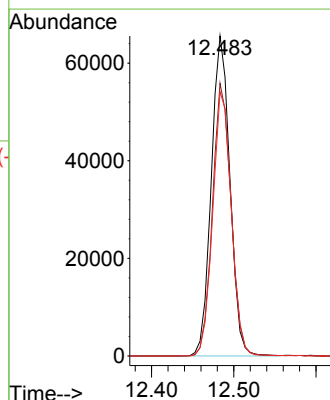
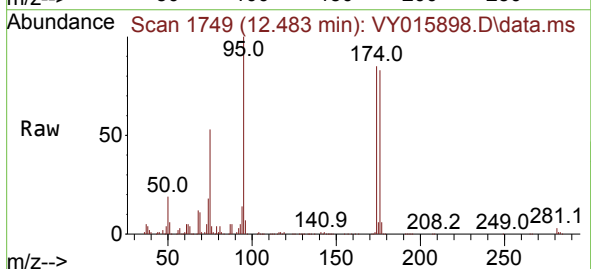
Instrument :
MSVOA_Y
ClientSampleId :

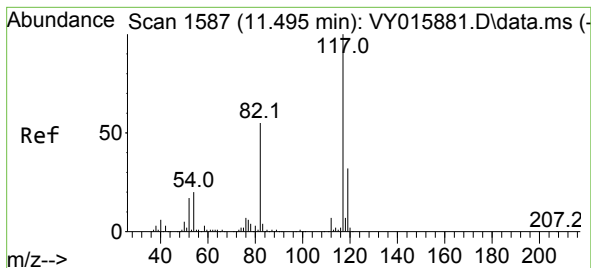
Tgt Ion: 98 Resp: 307364
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.259 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015898.D
Acq: 10 Oct 2023 15:41

Tgt Ion: 95 Resp: 103278
Ion Ratio Lower Upper
95 100
174 84.8 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. 0.000 min

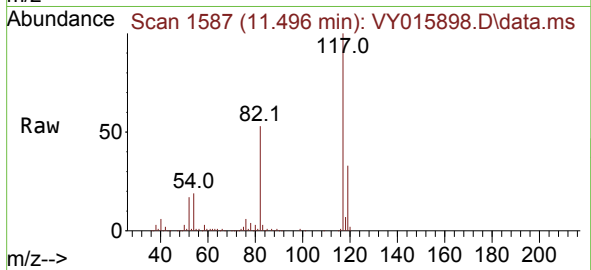
Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Instrument :

MSVOA_Y

ClientSampleId :



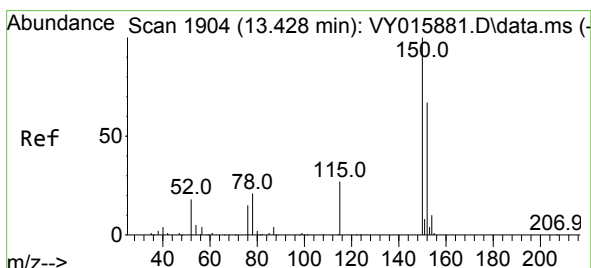
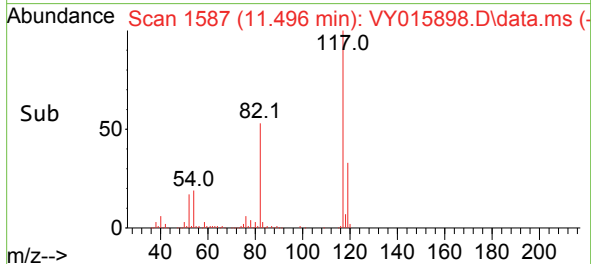
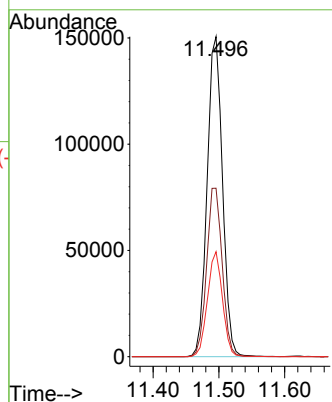
Tgt Ion:117 Resp: 244594

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

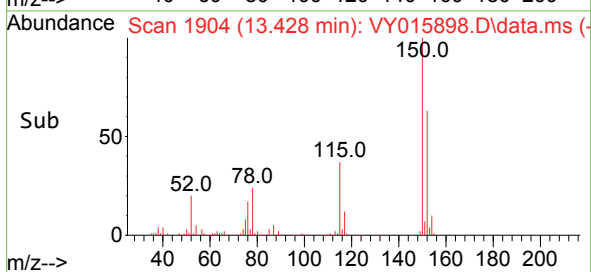
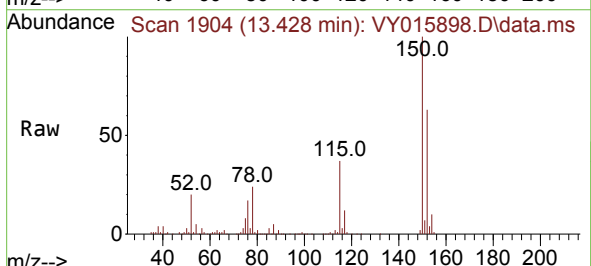
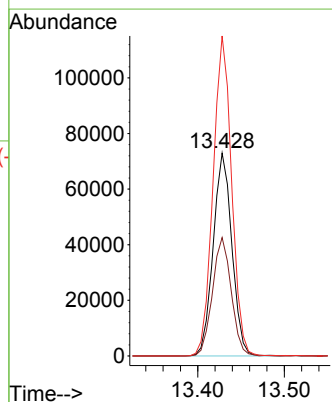
Tgt Ion:152 Resp: 109545

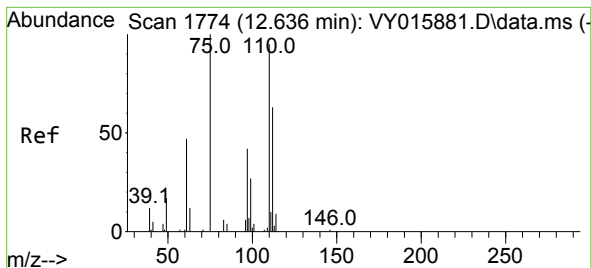
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.5 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 42.588 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Instrument :

MSVOA_Y

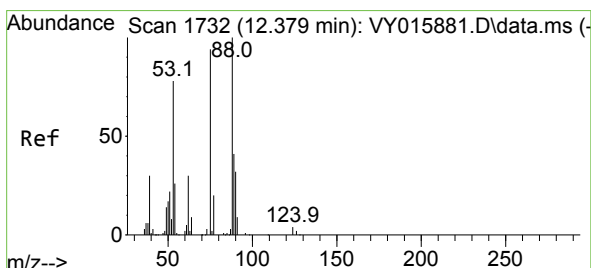
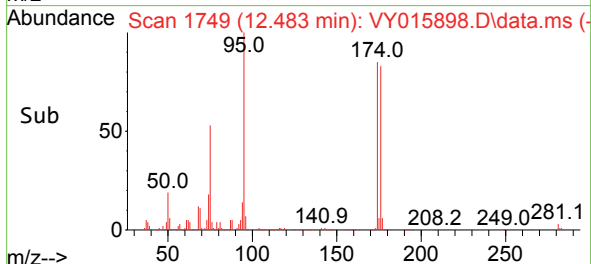
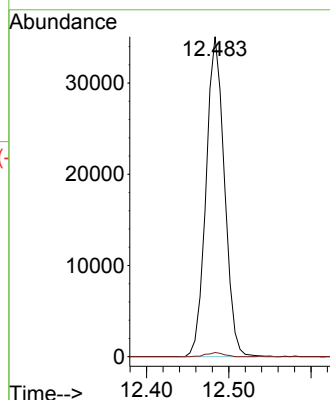
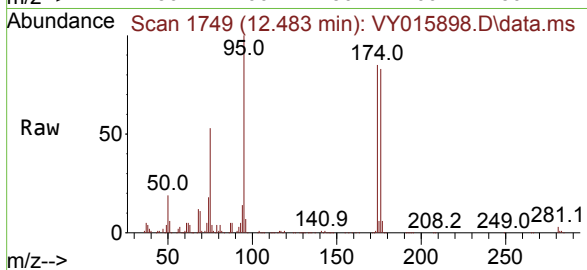
ClientSampleId :

Tgt Ion: 75 Resp: 54462

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.439 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY015898.D

Acq: 10 Oct 2023 15:41

Tgt Ion: 75 Resp: 54462

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

