

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015930.D
 Acq On : 11 Oct 2023 17:42
 Operator : SY/MD
 Sample : 04837-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:59:00 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)

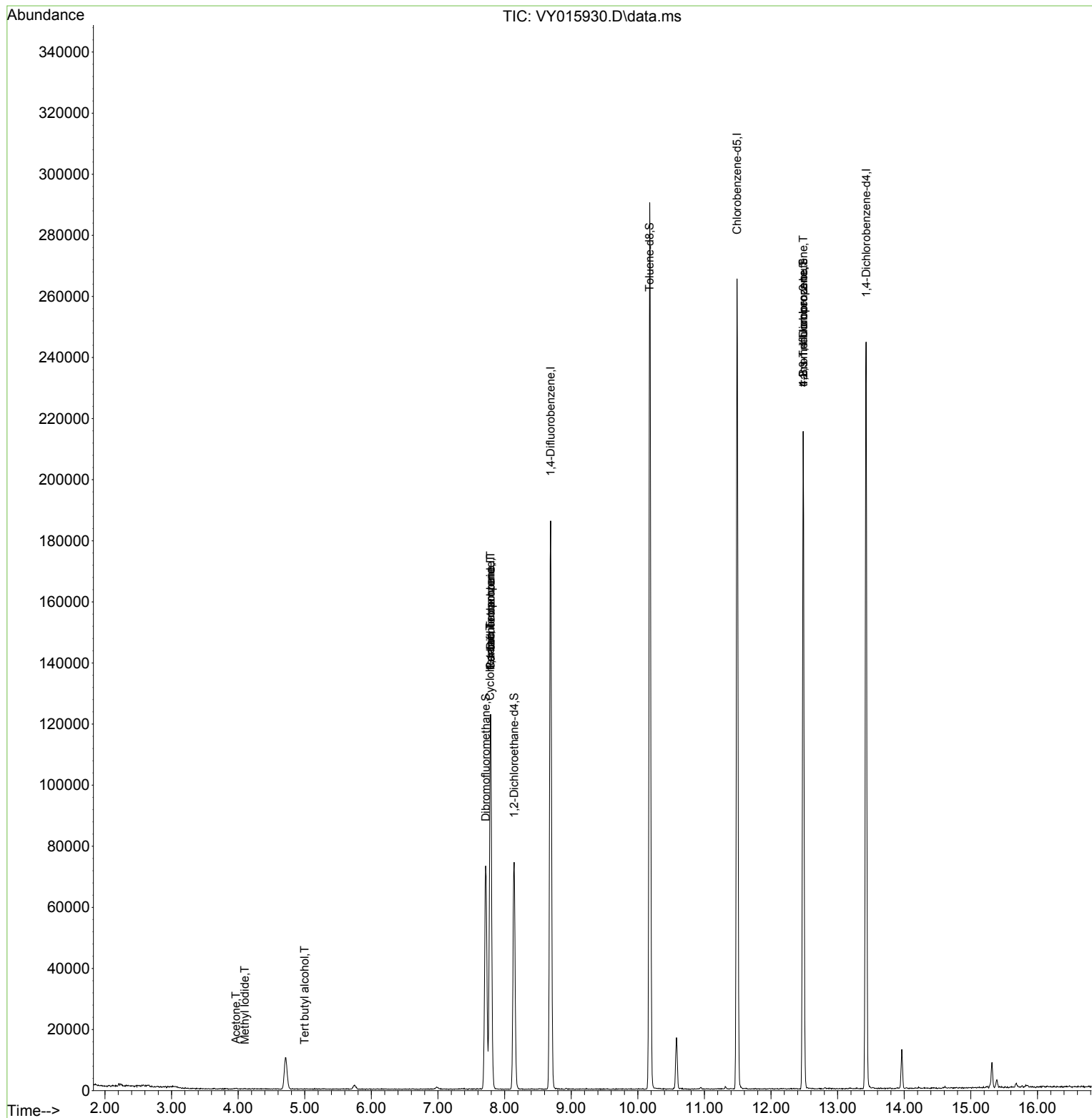
Internal Standards						
1) Pentafluorobenzene	7.789	168	96703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	164654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57912	66.555	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 133.120%	
35) Dibromofluoromethane	7.716	113	53269	58.002	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 116.000%	
50) Toluene-d8	10.179	98	192567	63.621	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 127.240%	
62) 4-Bromofluorobenzene	12.483	95	60437	49.160	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 98.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	26	2.307	ug/l #	38
11) Tert butyl alcohol	4.997	59	19	10.917	ug/l #	89
16) Acetone	3.966	43	337	6.956	ug/l #	46
20) Methylene Chloride	4.716	84	8138	Below Cal	#	80
31) Cyclohexane	7.783	56	1951	2.094	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7109	6.989	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9430	7.720	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	31629	42.109	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31629	93.378	ug/l #	11

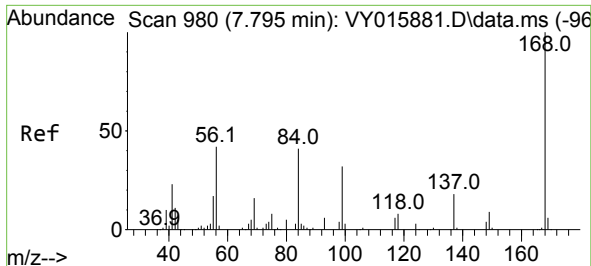
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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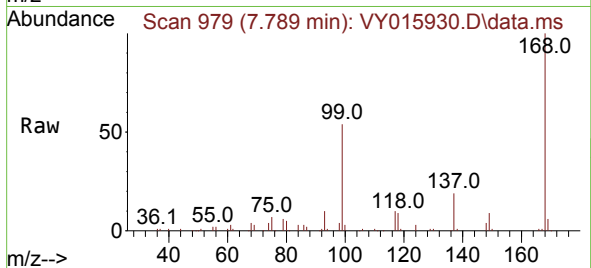
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
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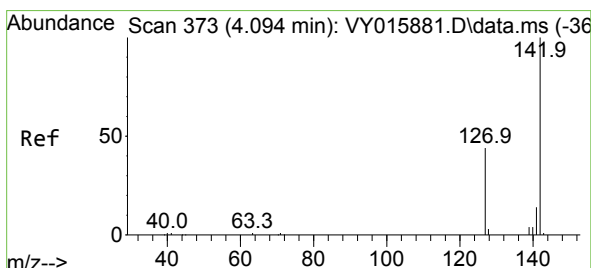
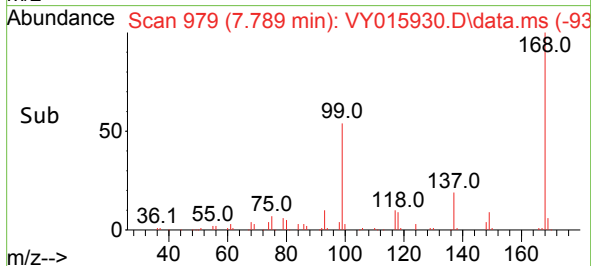
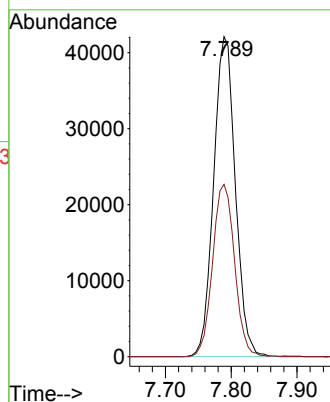


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :

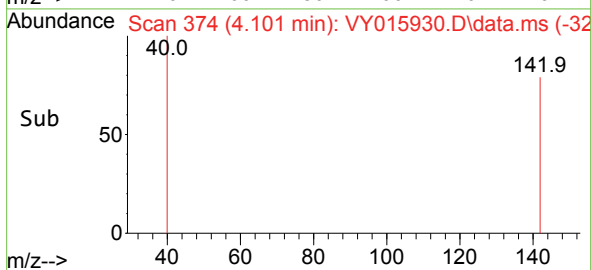
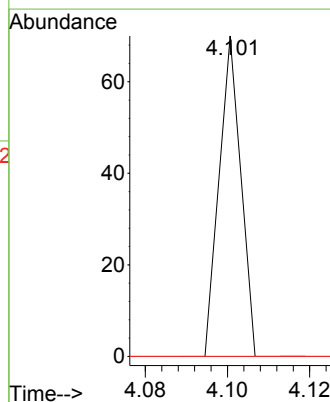
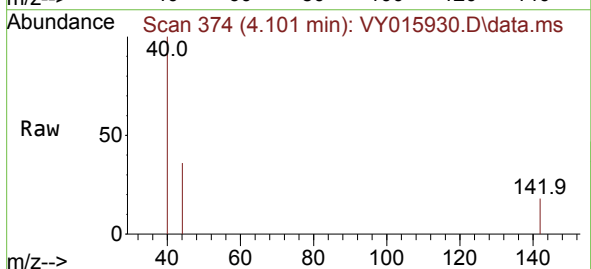


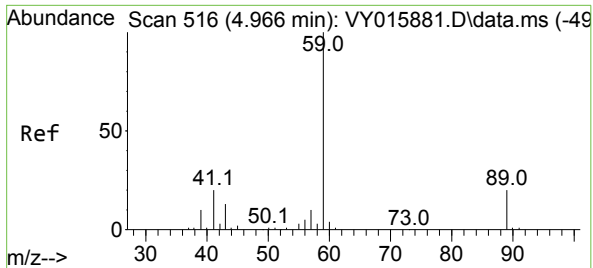
Tgt Ion:168 Resp: 96703
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.307 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

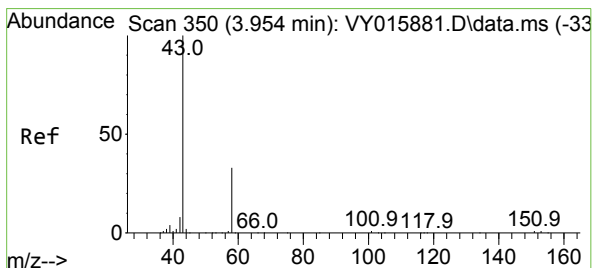
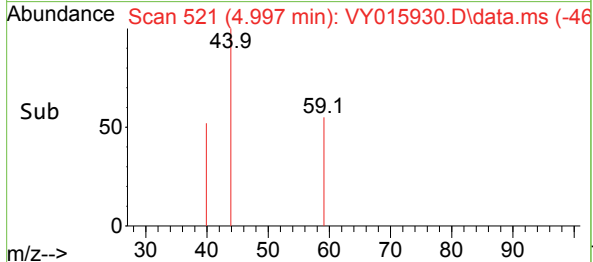
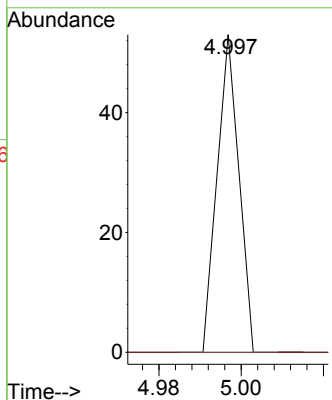
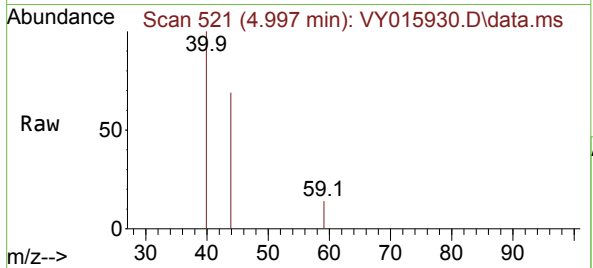




#11
Tert butyl alcohol
Concen: 10.917 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

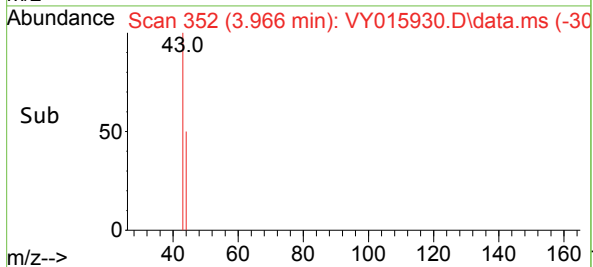
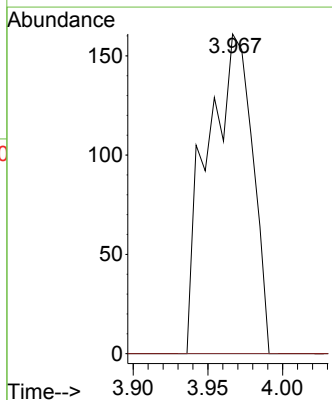
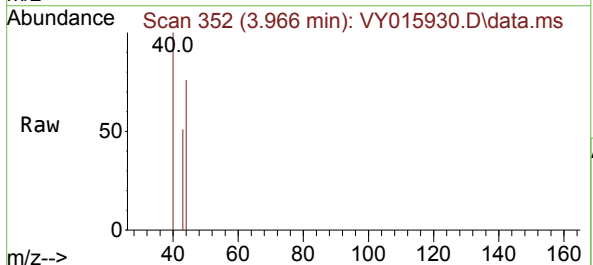
Instrument :
MSVOA_Y
ClientSampleId :

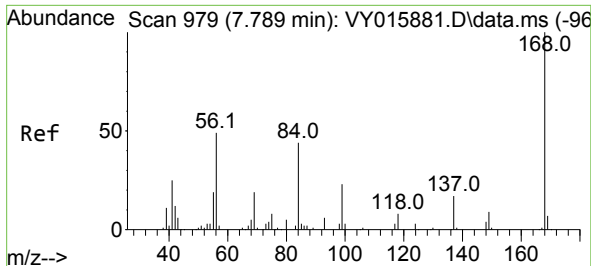
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 6.956 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

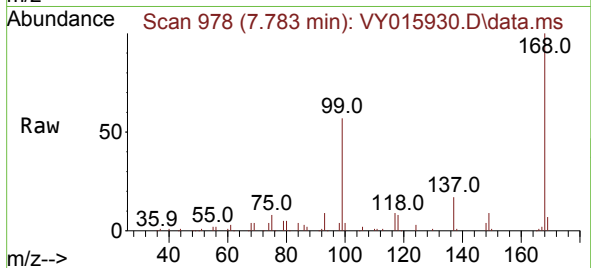
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



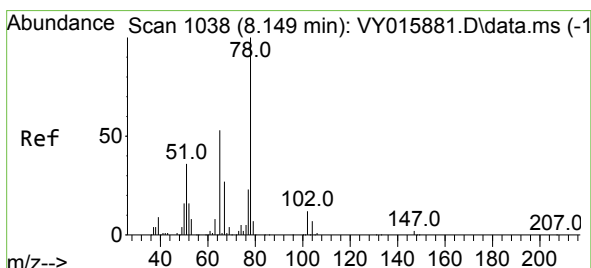
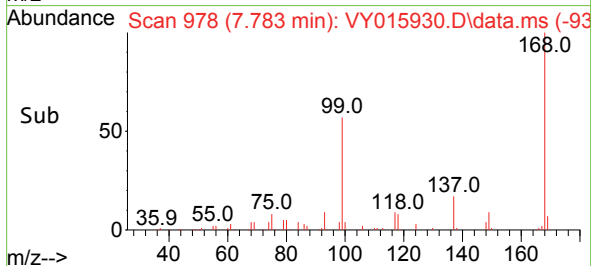
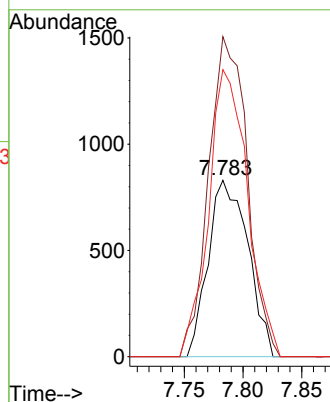


#31
Cyclohexane
Concen: 2.094 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :

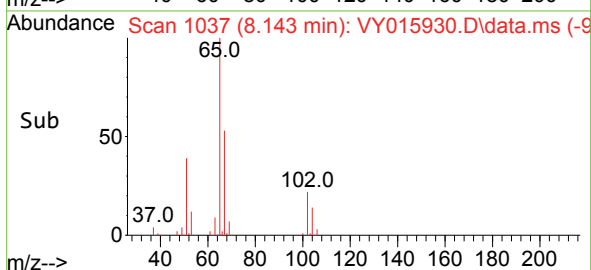
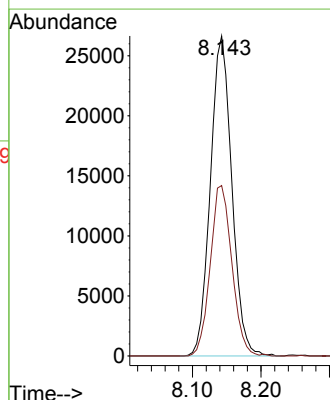
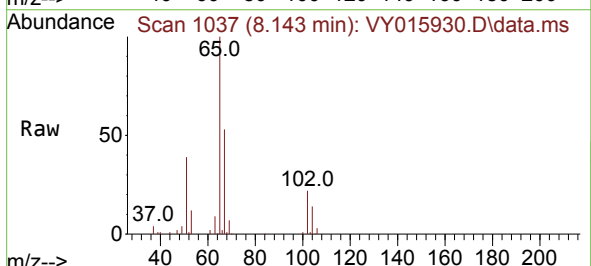


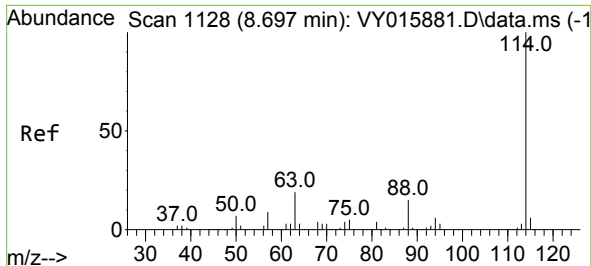
Tgt Ion: 56 Resp: 1951
Ion Ratio Lower Upper
56 100
69 181.4 27.8 41.6#
84 162.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 66.555 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Tgt Ion: 65 Resp: 57912
Ion Ratio Lower Upper
65 100
67 53.8 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: VY015930.D

Acq: 11 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

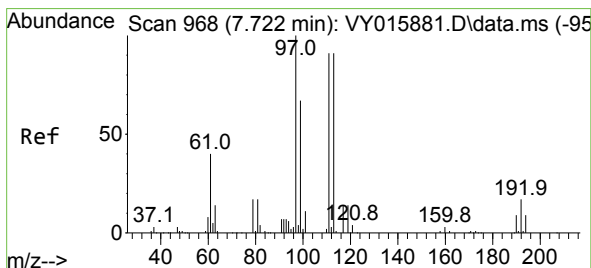
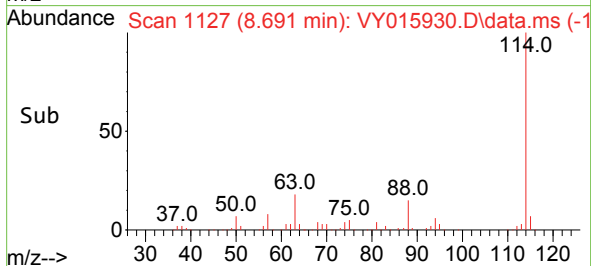
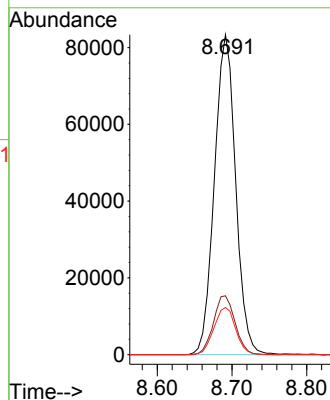
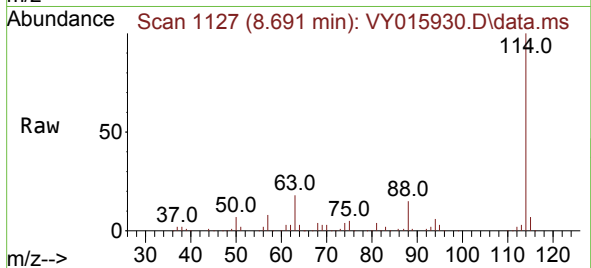
Tgt Ion:114 Resp: 164654

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.002 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

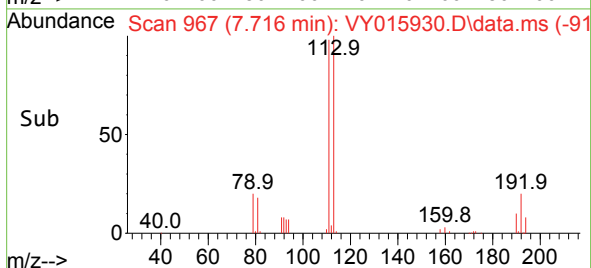
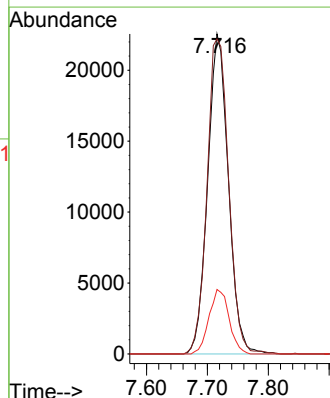
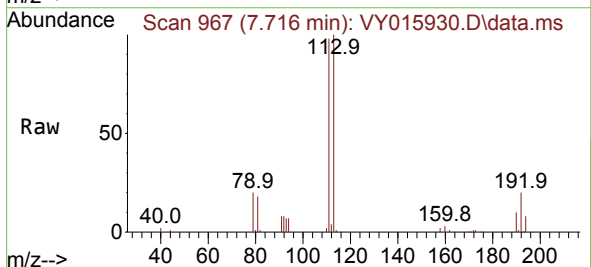
Tgt Ion:113 Resp: 53269

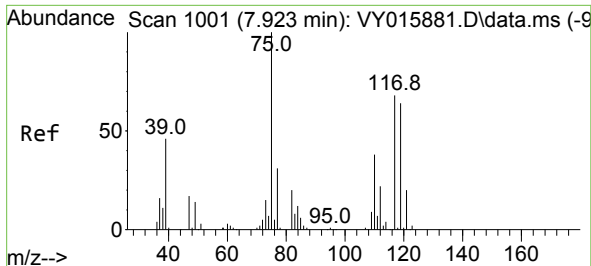
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.989 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

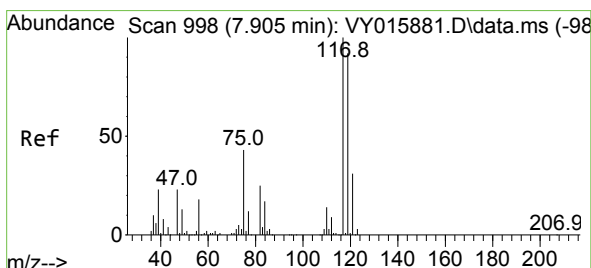
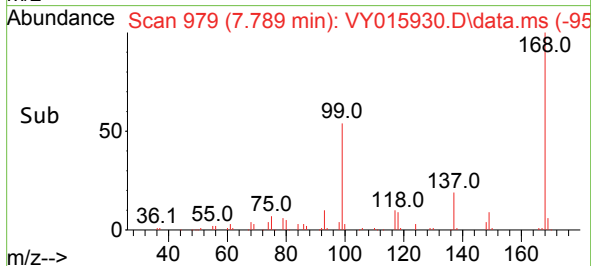
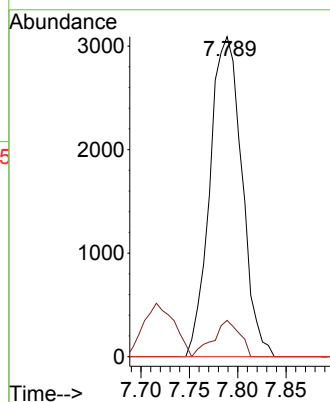
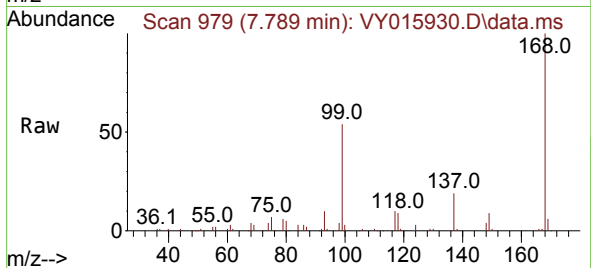
Tgt Ion: 75 Resp: 7109

Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.720 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

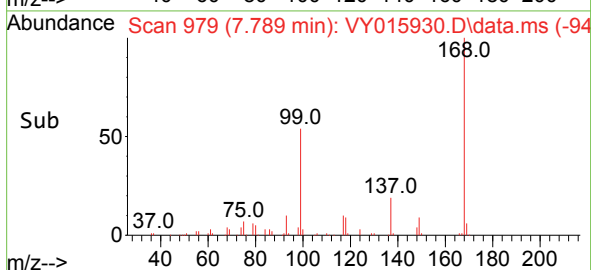
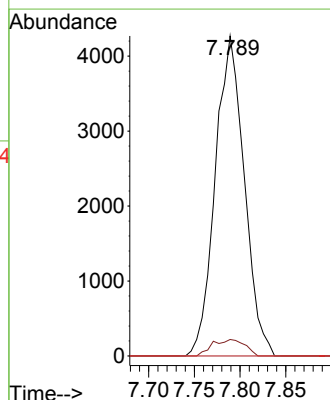
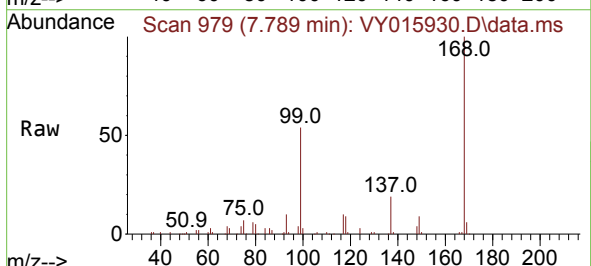
Tgt Ion: 117 Resp: 9430

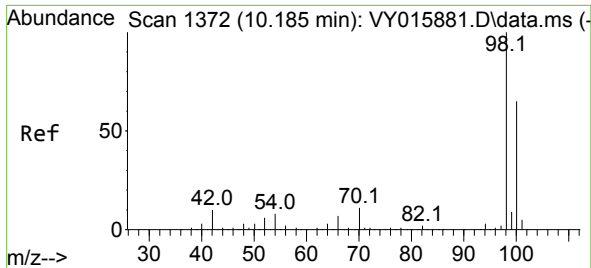
Ion Ratio Lower Upper

117 100

119 5.2 76.4 114.6#

121 0.0 25.8 38.6#

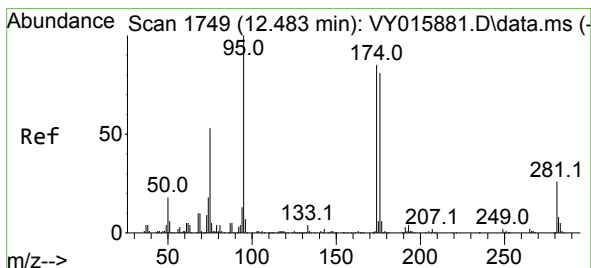
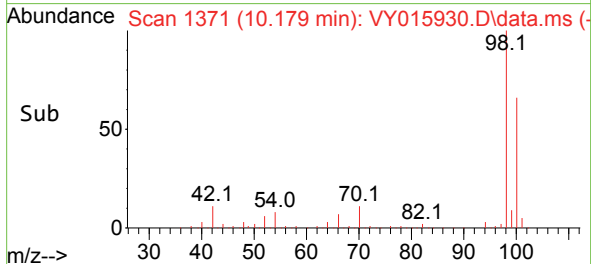
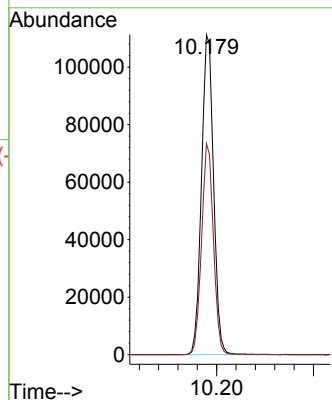
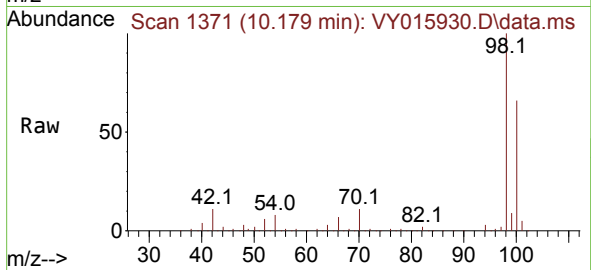




#50
Toluene-d8
Concen: 63.621 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

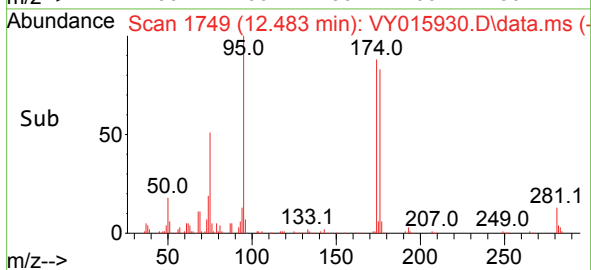
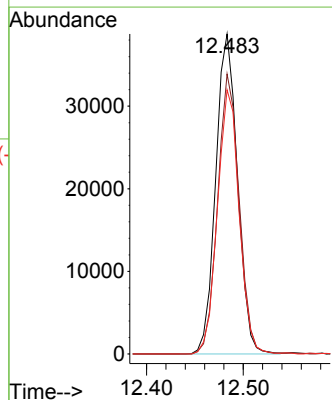
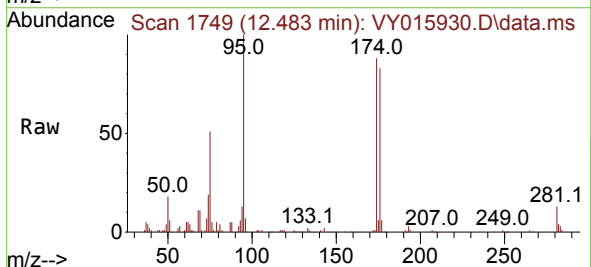
Instrument :
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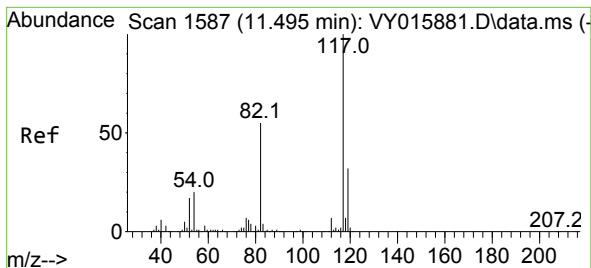
Tgt Ion: 98 Resp: 192567
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.160 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Tgt Ion: 95 Resp: 60437
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

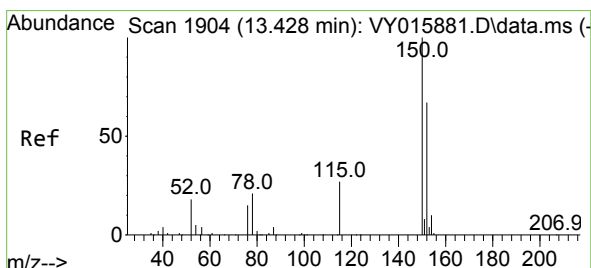
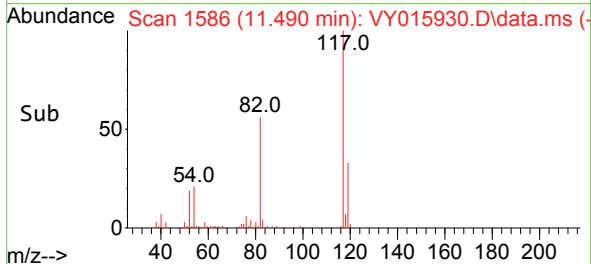
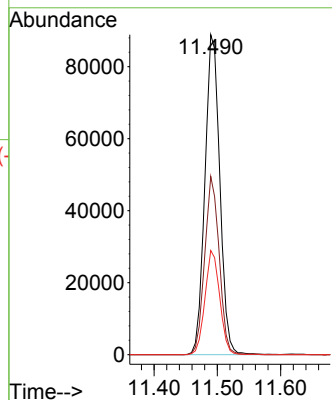
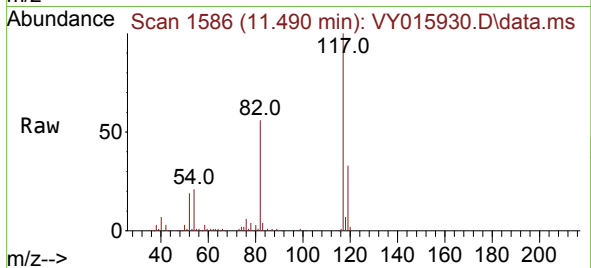
Tgt Ion:117 Resp: 146123

Ion Ratio Lower Upper

117 100

82 55.7 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. 0.000 min

Lab File: VY015930.D

Acq: 11 Oct 2023 17:42

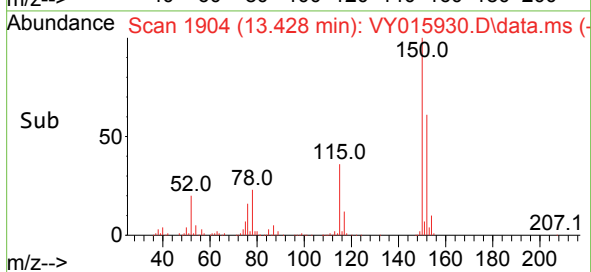
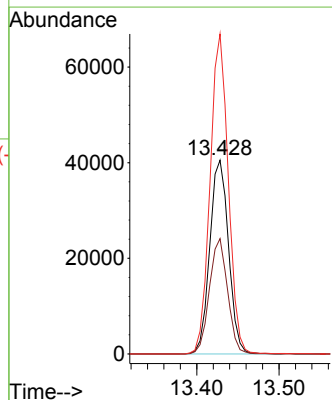
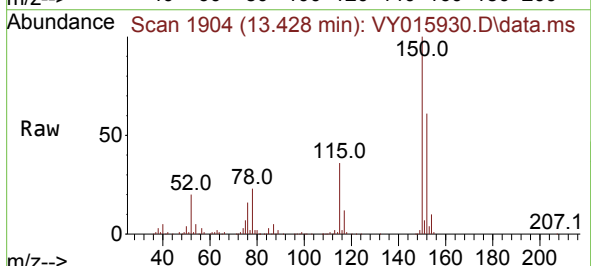
Tgt Ion:152 Resp: 64342

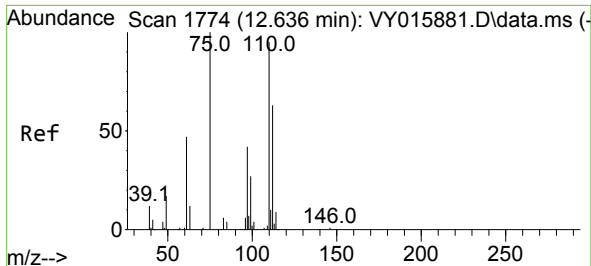
Ion Ratio Lower Upper

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115 57.7 28.8 86.5

150 159.8 0.0 348.8

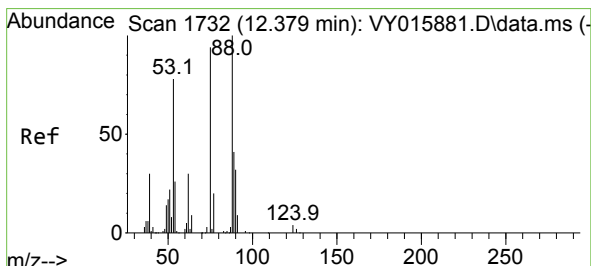
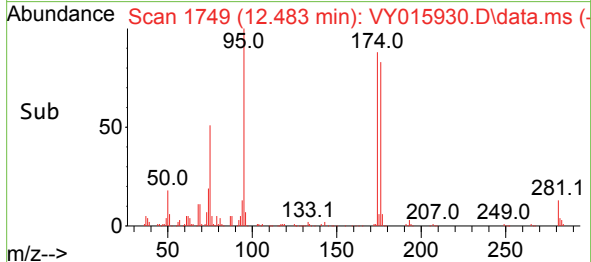
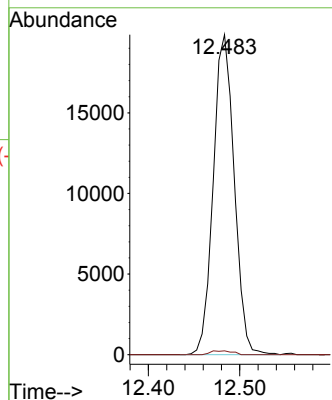
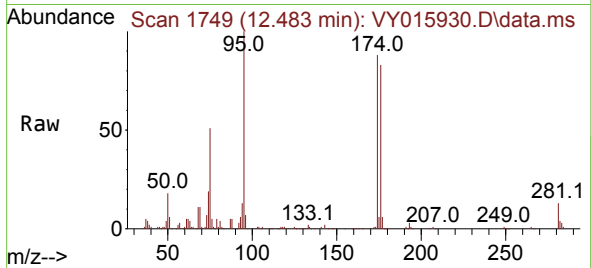




#76
1,2,3-Trichloropropane
Concen: 42.109 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31629
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015930.D
Acq: 11 Oct 2023 17:42

Tgt Ion: 75 Resp: 31629
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.4 37.4 56.0#

