

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015926.D
 Acq On : 11 Oct 2023 16:08
 Operator : SY/MD
 Sample : 04839-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:57:52 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)

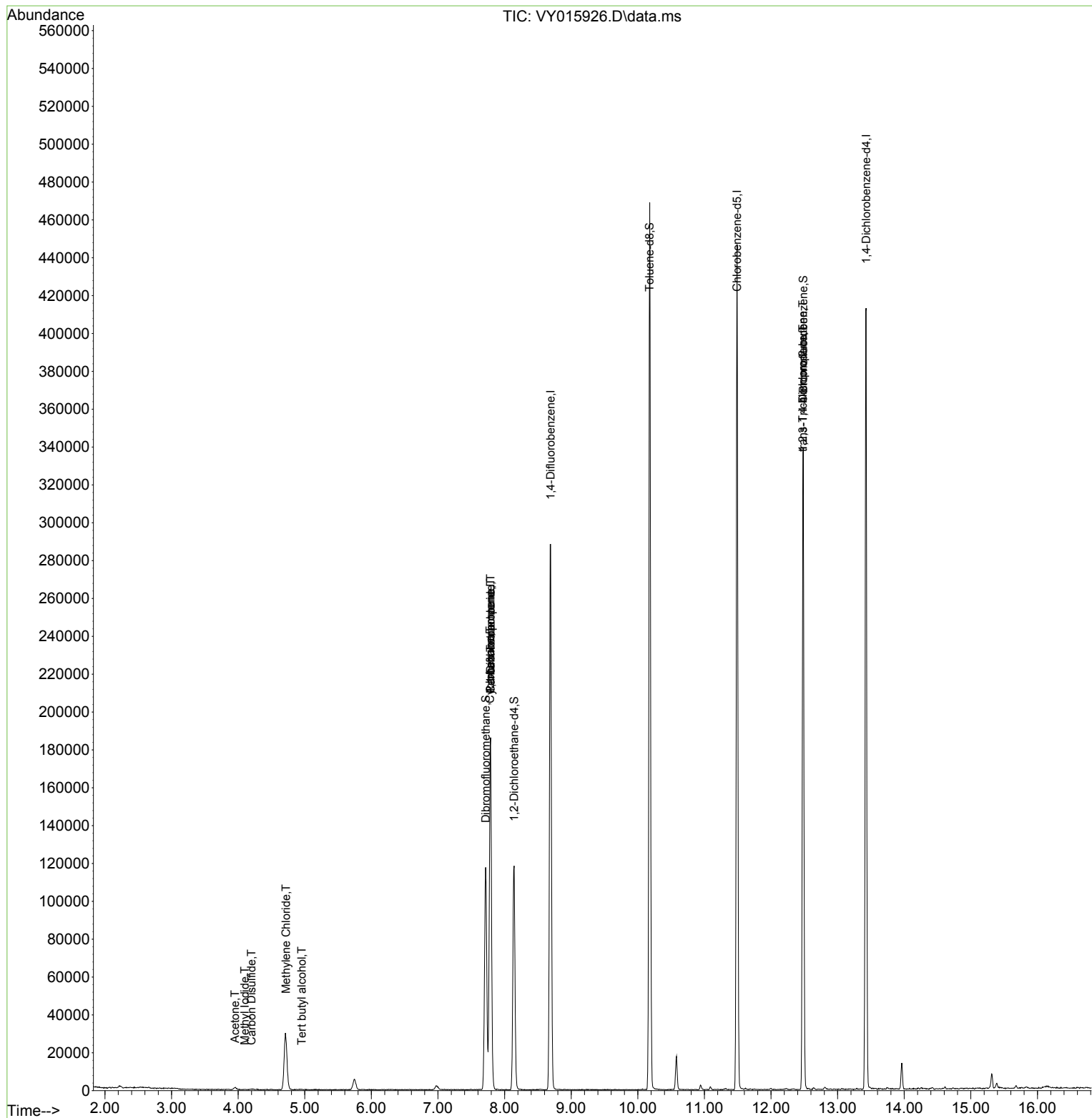
Internal Standards						
1) Pentafluorobenzene	7.789	168	146222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90471	68.762	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.520%	
35) Dibromofluoromethane	7.716	113	84557	59.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.680%	
50) Toluene-d8	10.179	98	304379	64.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.640%	
62) 4-Bromofluorobenzene	12.483	95	103251	54.131	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.260%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	84	2.346	ug/l #	38
11) Tert butyl alcohol	4.954	59	74	11.036	ug/l #	89
16) Acetone	3.954	43	2348	9.668	ug/l	96
17) Carbon Disulfide	4.198	76	183	2.864	ug/l #	76
20) Methylene Chloride	4.716	84	22838	8.944	ug/l #	83
31) Cyclohexane	7.783	56	2811	1.995	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11017	6.981	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14369	7.582	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	53400	41.925	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53400	92.970	ug/l #	11

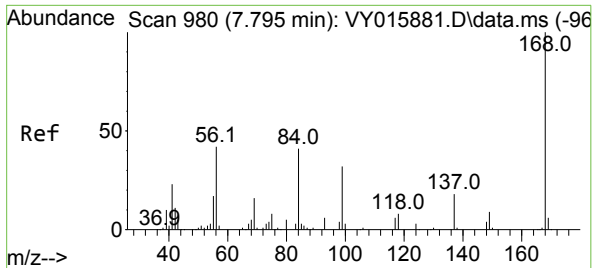
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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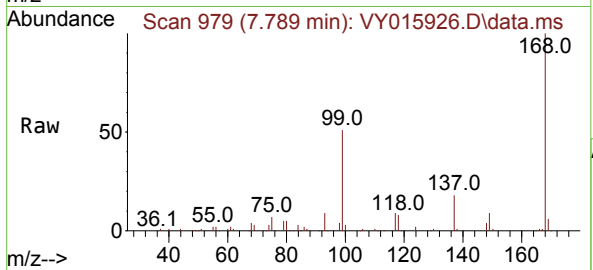
Quant Time: Oct 12 01:57:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
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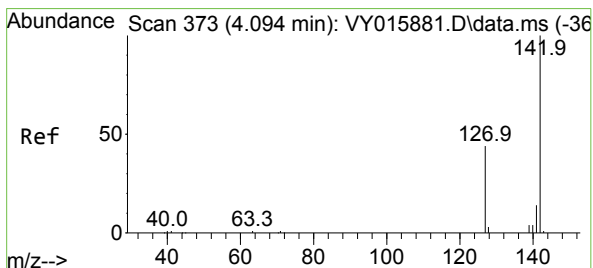
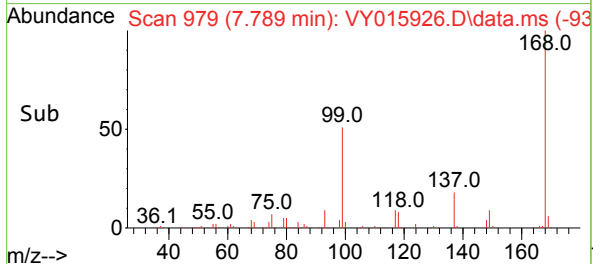
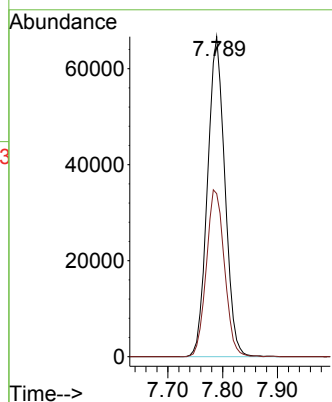


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :

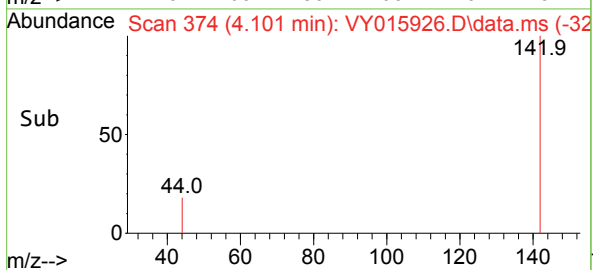
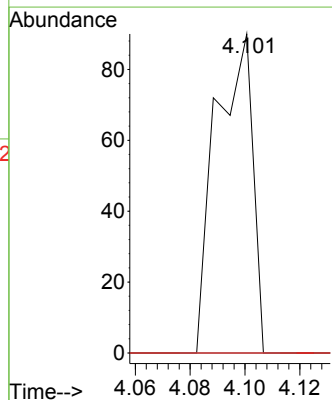
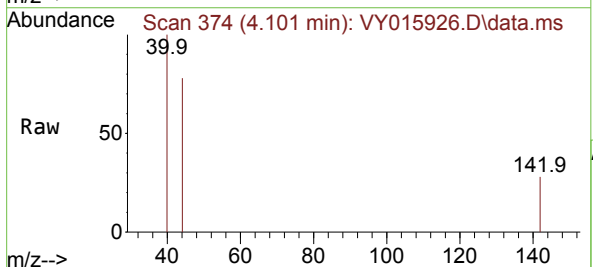


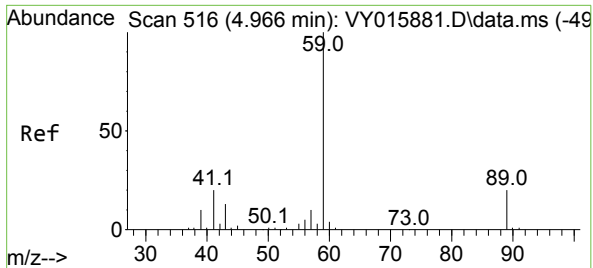
Tgt Ion:168 Resp: 146222
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#10
Methyl Iodide
Concen: 2.346 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Tgt Ion:142 Resp: 84
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

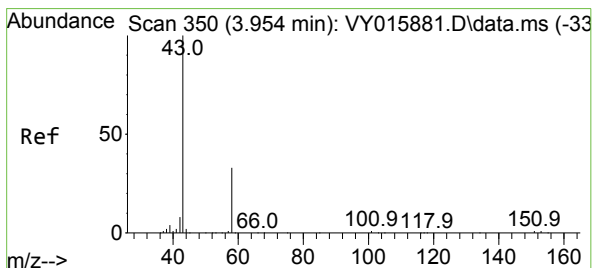
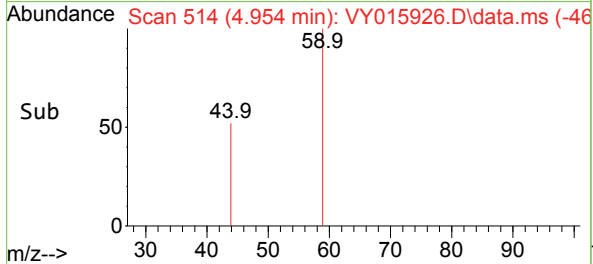
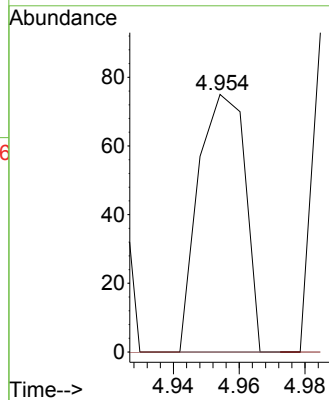
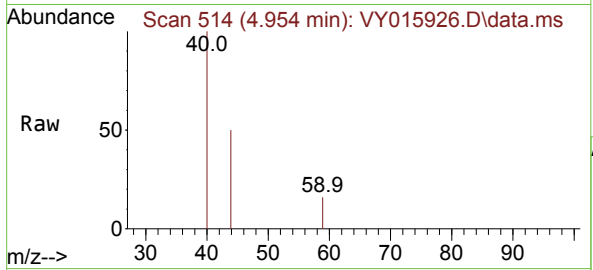




#11
Tert butyl alcohol
Concen: 11.036 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

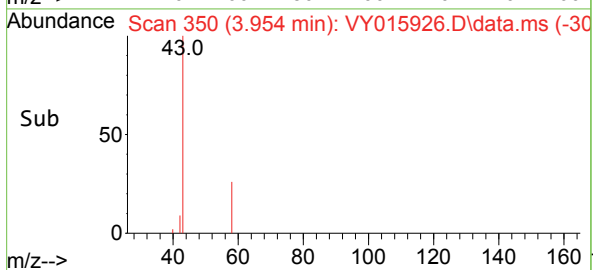
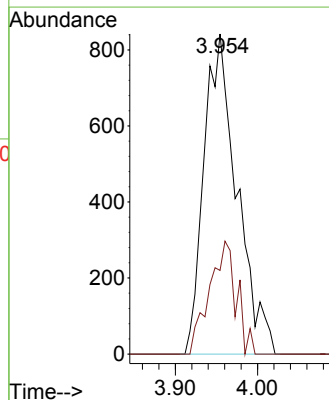
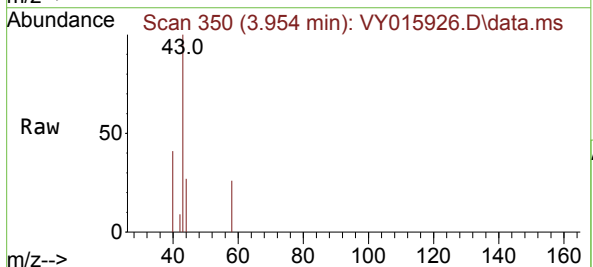
Instrument :
MSVOA_Y
ClientSampleId :

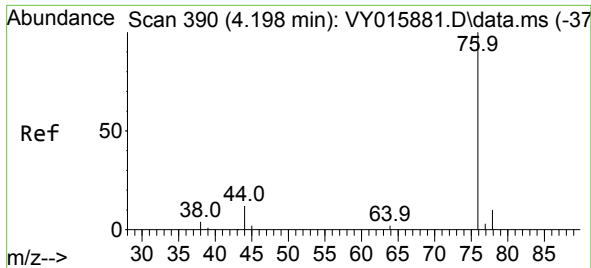
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 9.668 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

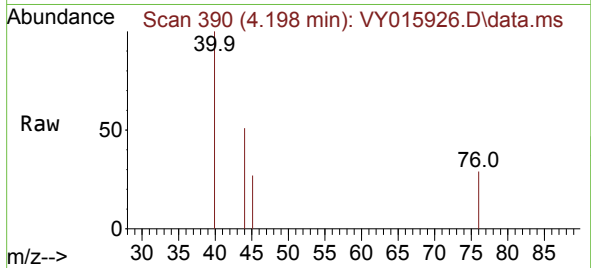
Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
58 26.1 22.7 34.1



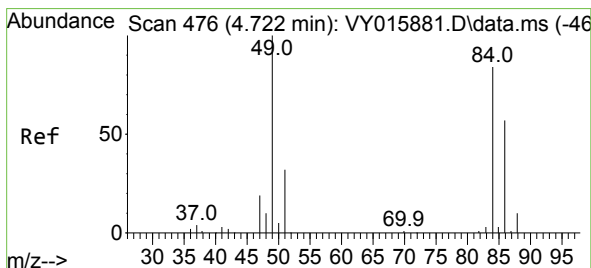
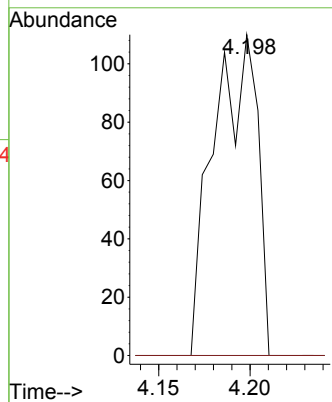
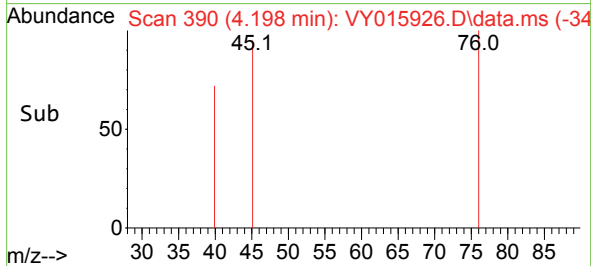


#17
Carbon Disulfide
Concen: 2.864 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :

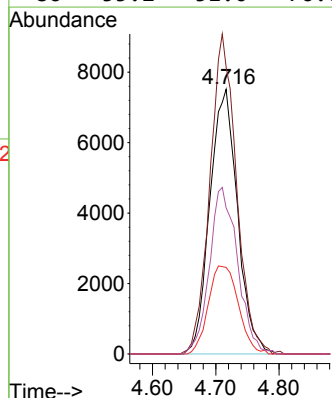
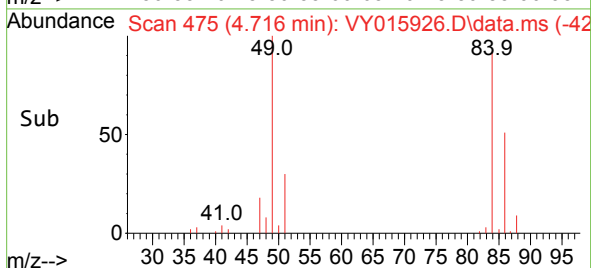
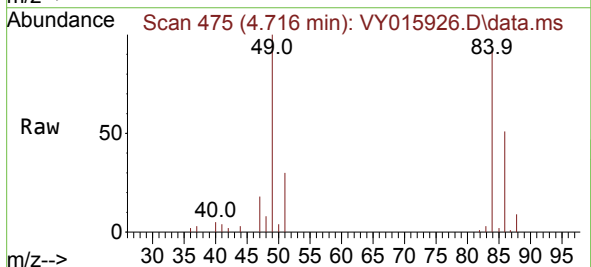


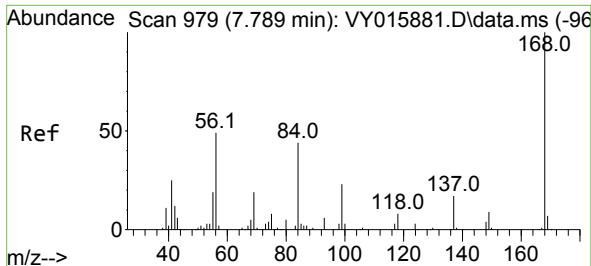
Tgt Ion: 76 Resp: 183
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 8.944 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

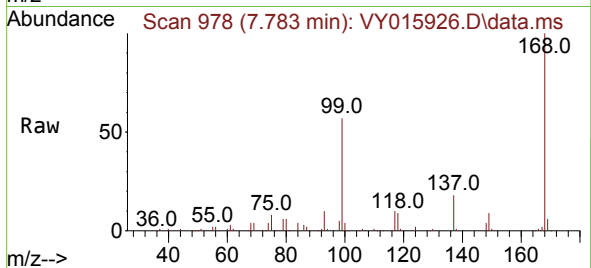
Tgt Ion: 84 Resp: 22838
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 32.7 33.2 49.8#
86 55.2 51.0 76.6



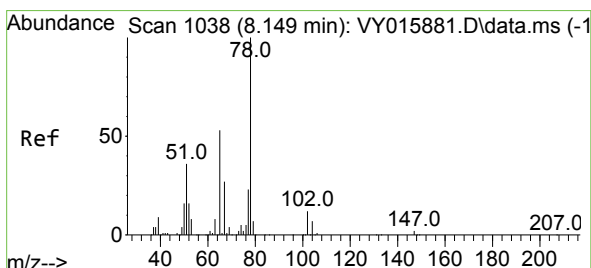
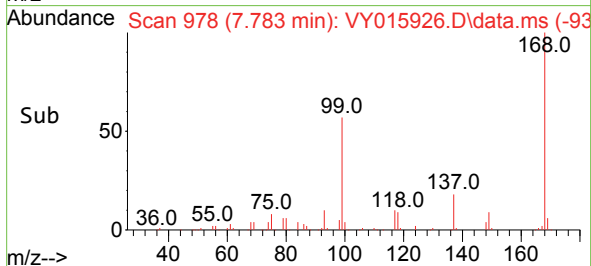
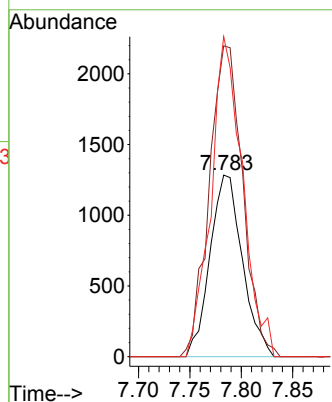


#31
Cyclohexane
Concen: 1.995 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :

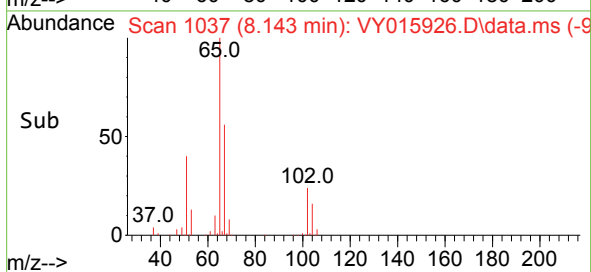
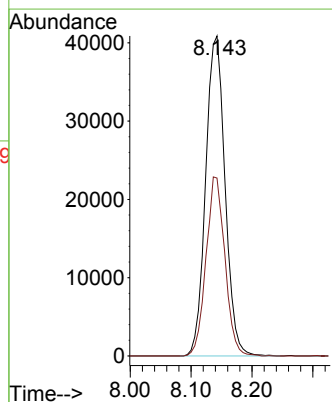
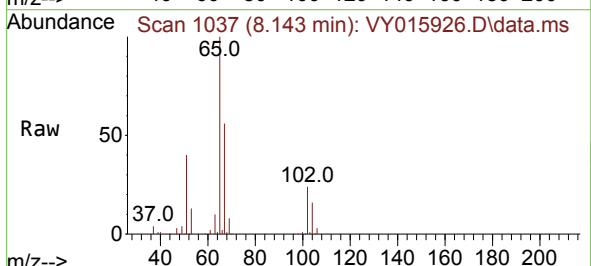


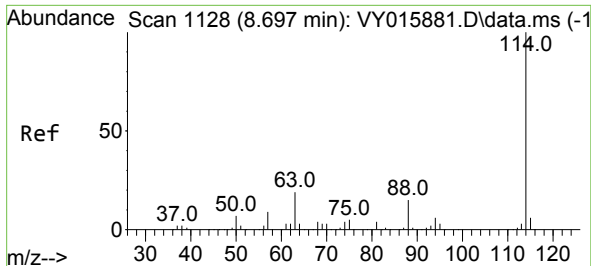
Tgt Ion: 56 Resp: 2811
Ion Ratio Lower Upper
56 100
69 171.2 27.8 41.6#
84 176.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 68.762 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Tgt Ion: 65 Resp: 90471
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015926.D

Acq: 11 Oct 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :

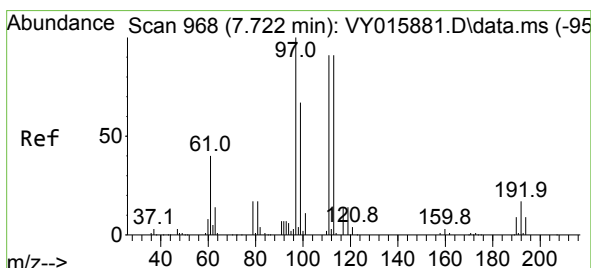
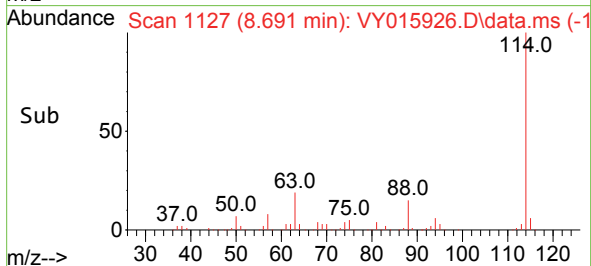
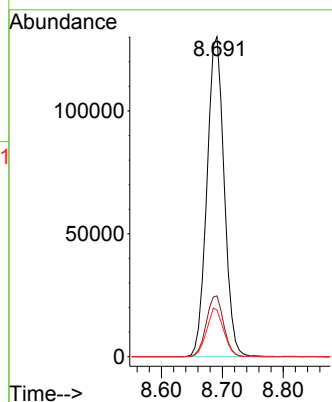
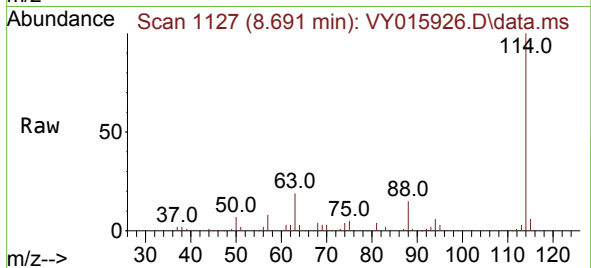
Tgt Ion:114 Resp: 255461

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.342 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015926.D

Acq: 11 Oct 2023 16:08

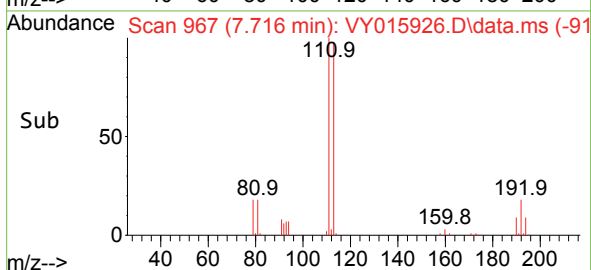
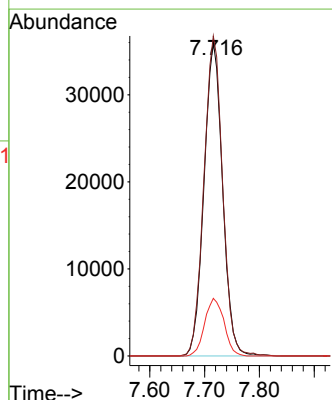
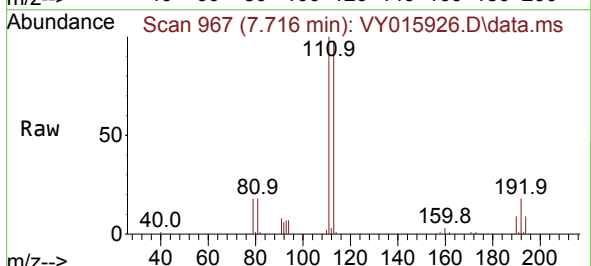
Tgt Ion:113 Resp: 84557

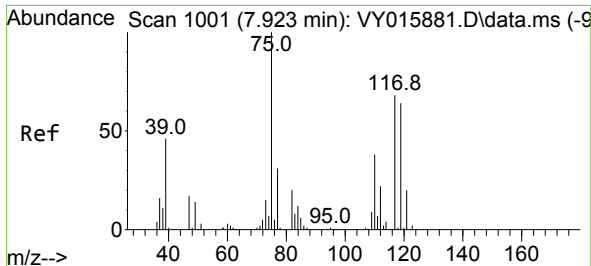
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.1 16.9 25.3

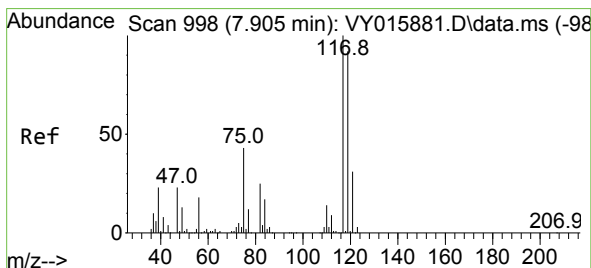
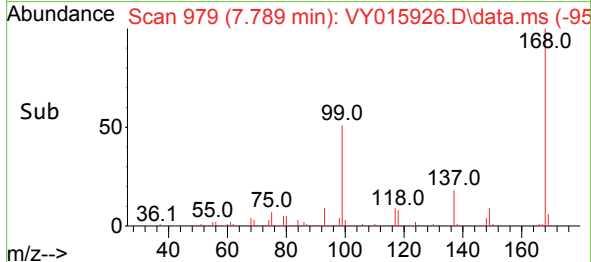
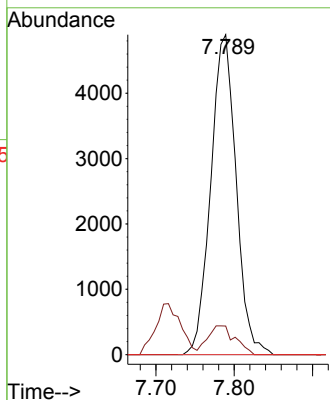
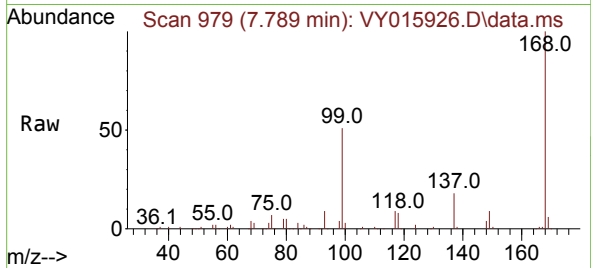




#36
1,1-Dichloropropene
Concen: 6.981 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

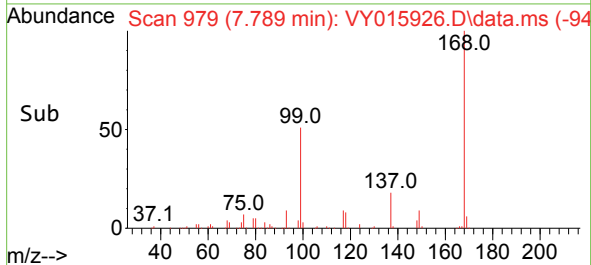
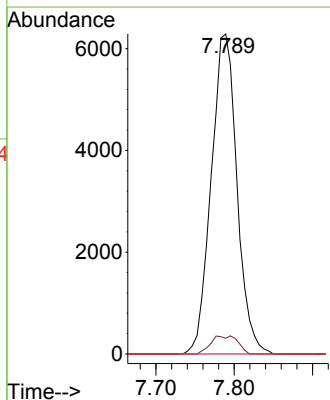
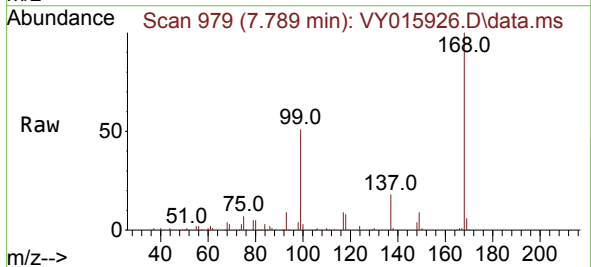
Instrument :
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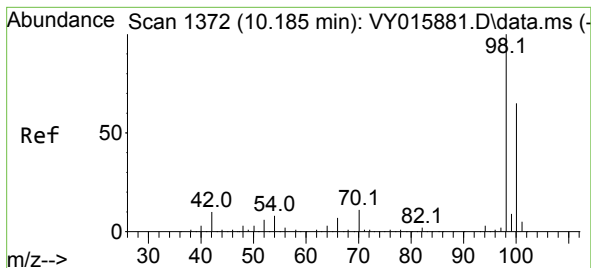
Tgt Ion: 75 Resp: 11017
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.582 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Tgt Ion: 117 Resp: 14369
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 64.816 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015926.D

Acq: 11 Oct 2023 16:08

Instrument :

MSVOA_Y

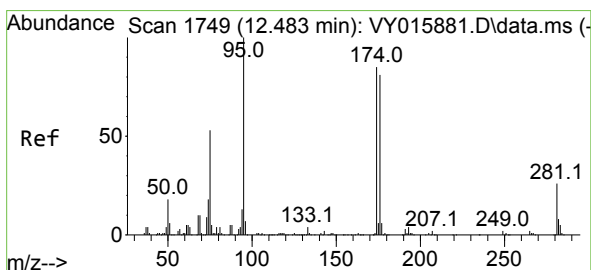
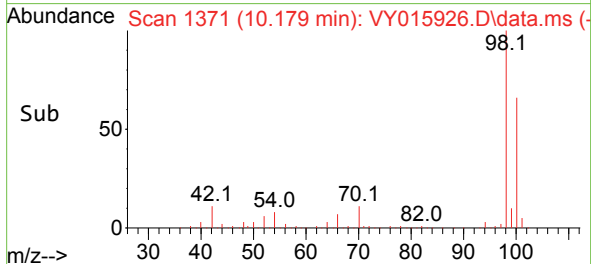
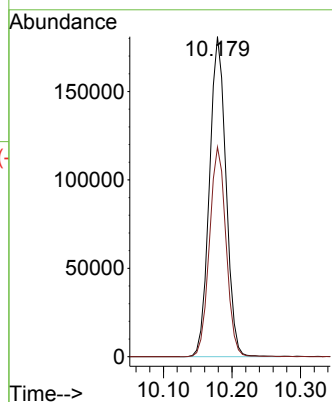
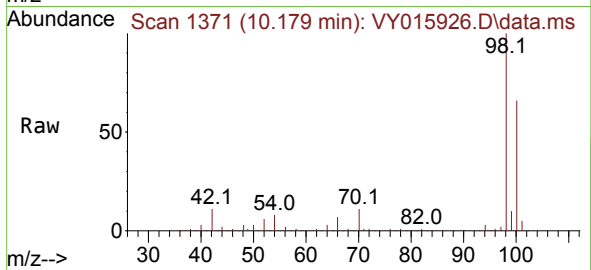
ClientSampleId :

Tgt Ion: 98 Resp: 304379

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 54.131 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015926.D

Acq: 11 Oct 2023 16:08

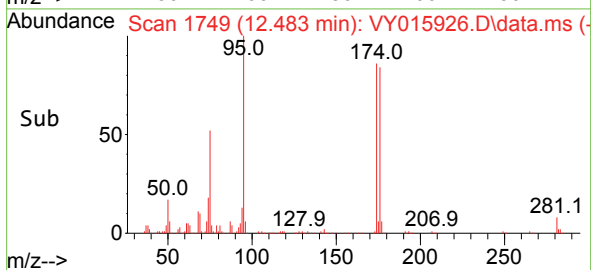
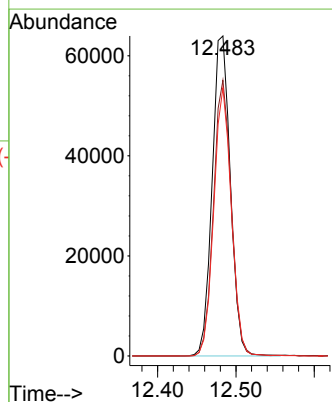
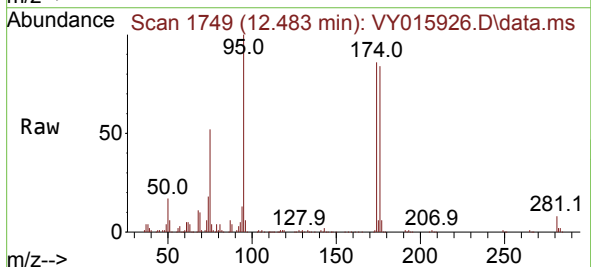
Tgt Ion: 95 Resp: 103251

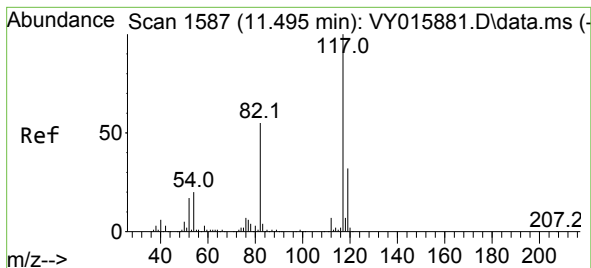
Ion Ratio Lower Upper

95 100

174 84.5 0.0 178.2

176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

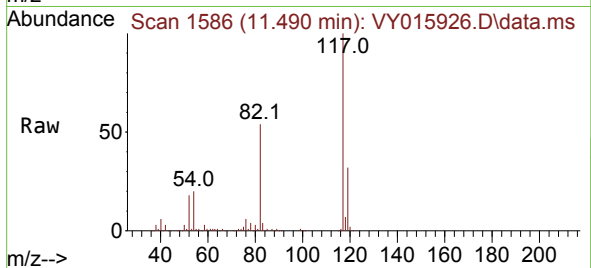
Lab File: VY015926.D

Acq: 11 Oct 2023 16:08

Instrument :

MSVOA_Y

ClientSampleId :



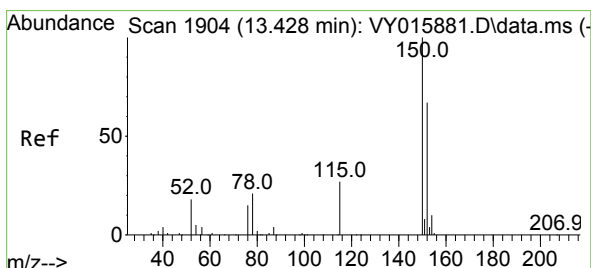
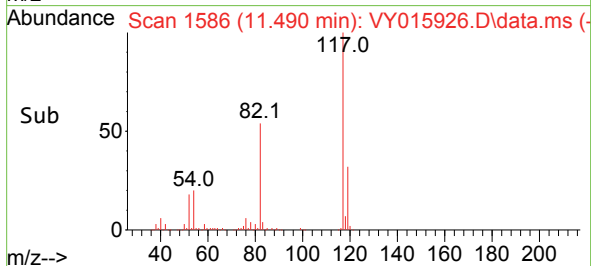
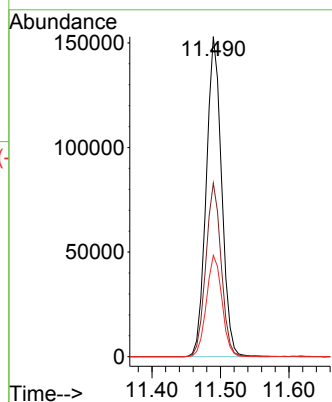
Tgt Ion:117 Resp: 239439

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.6 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: VY015926.D

Acq: 11 Oct 2023 16:08

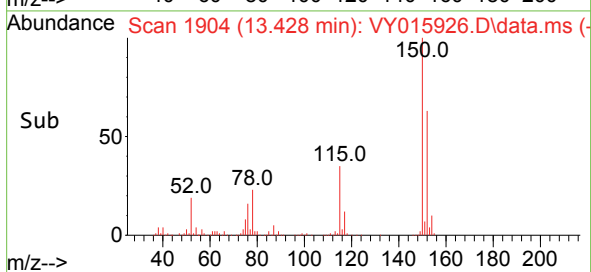
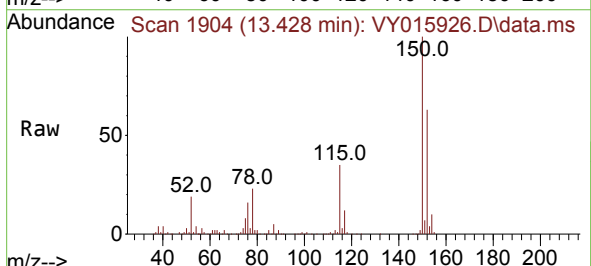
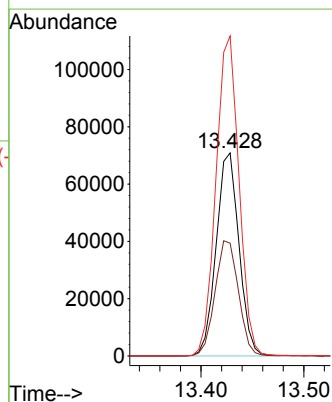
Tgt Ion:152 Resp: 109107

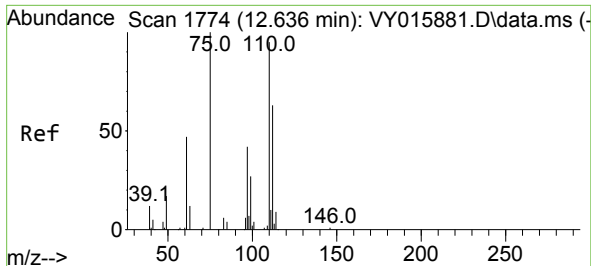
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 159.3 0.0 348.8

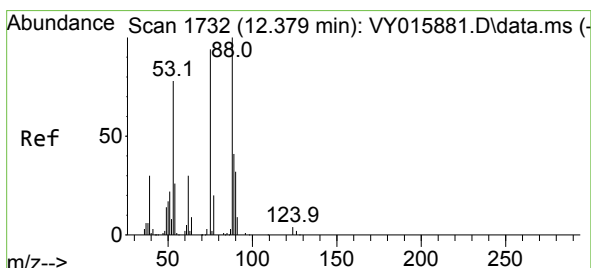
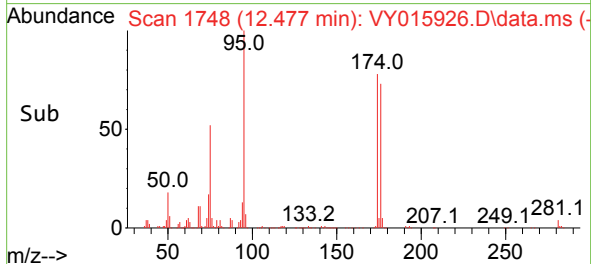
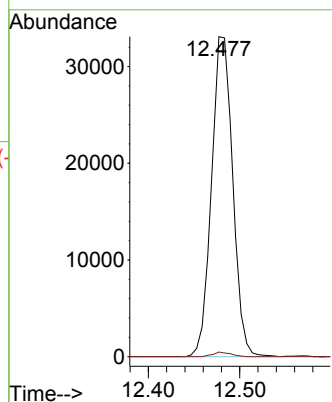
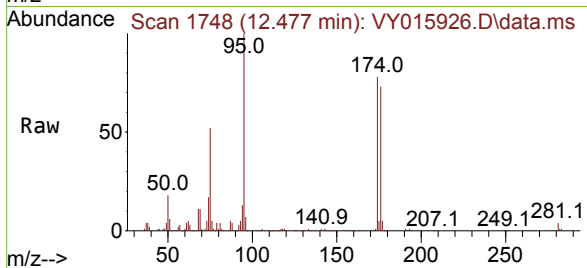




#76
1,2,3-Trichloropropane
Concen: 41.925 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 53400
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.970 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015926.D
Acq: 11 Oct 2023 16:08

Tgt Ion: 75 Resp: 53400
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

