

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015706.D
 Acq On : 26 Sep 2023 12:35
 Operator : SY/MD
 Sample : VY0926SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:30:41 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)

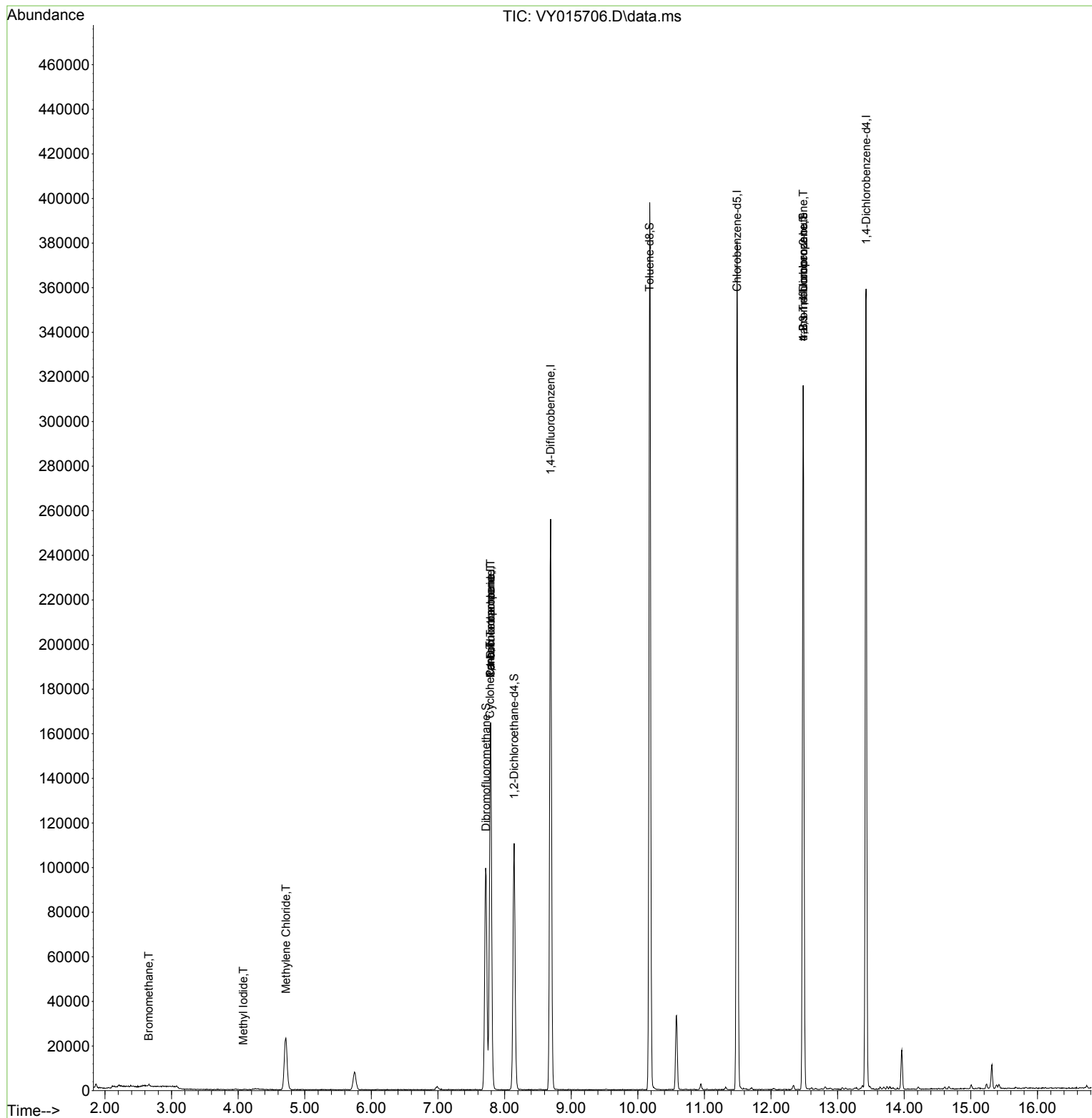
Internal Standards						
1) Pentafluorobenzene	7.789	168	126081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83184	59.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.920%
35) Dibromofluoromethane	7.722	113	71349	54.541	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.080%
50) Toluene-d8	10.179	98	259477	58.499	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.000%
62) 4-Bromofluorobenzene	12.483	95	86697	49.807	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.620%
Target Compounds						
						Qvalue
5) Bromomethane	2.656	94	299	2.795	ug/l	100
10) Methyl Iodide	4.076	142	100	2.793	ug/l #	78
11) Tert butyl alcohol	4.972	59	64	Below Cal	#	89
20) Methylene Chloride	4.716	84	17624	6.643	ug/l	90
31) Cyclohexane	7.783	56	2633	1.370	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	9775	5.054	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13129	6.253	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	45977	31.191	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45977	70.239	ug/l #	11

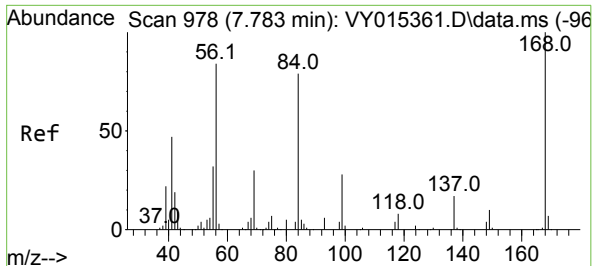
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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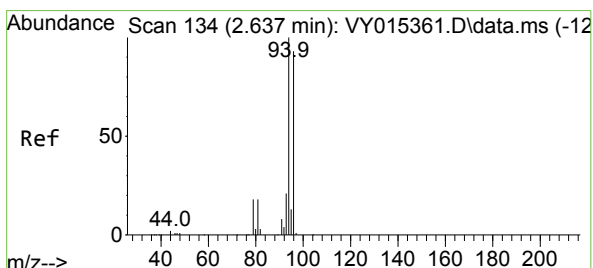
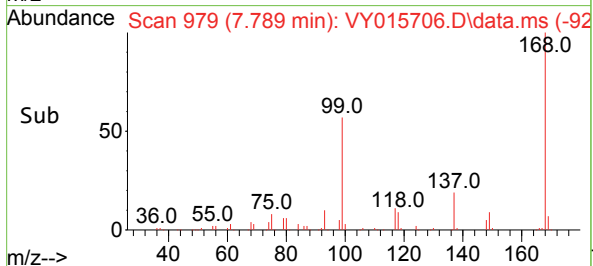
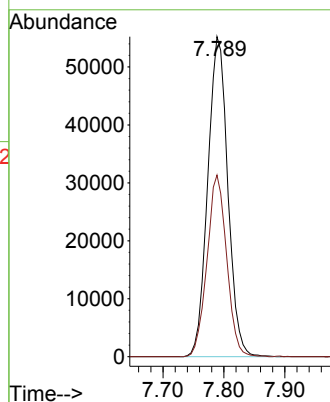
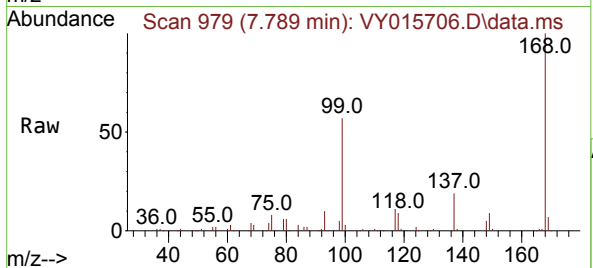




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

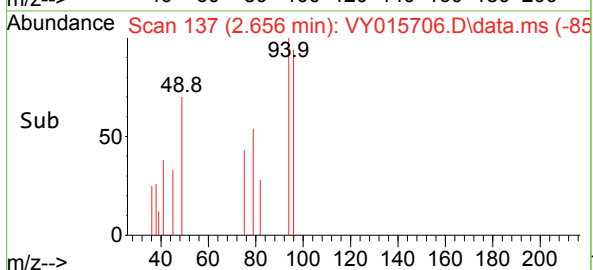
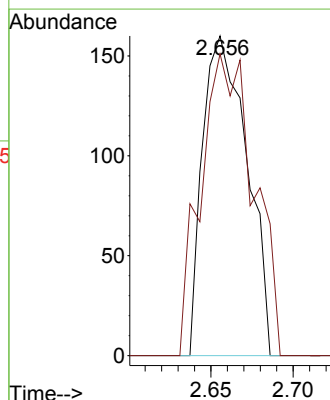
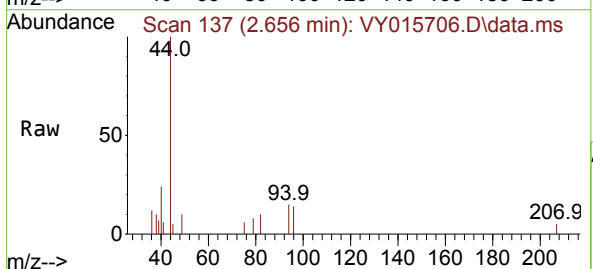
Instrument :
MSVOA_Y
ClientSampleId :

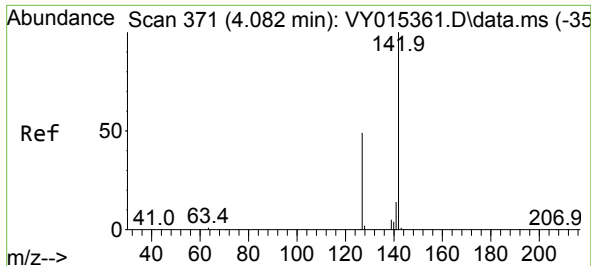
Tgt Ion:168 Resp: 126081
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#5
Bromomethane
Concen: 2.795 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

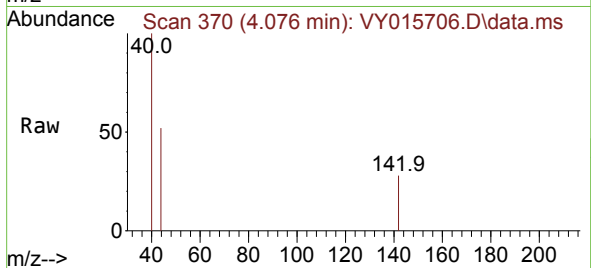
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.6



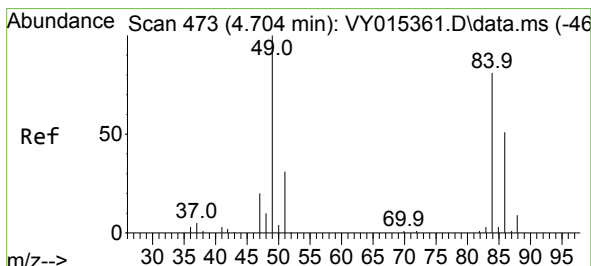
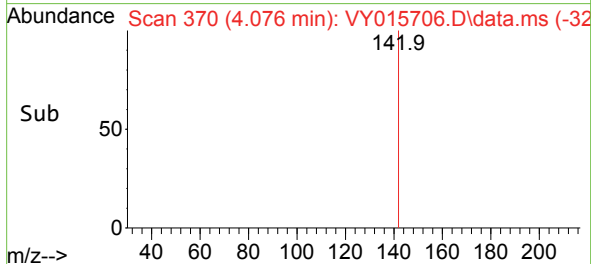
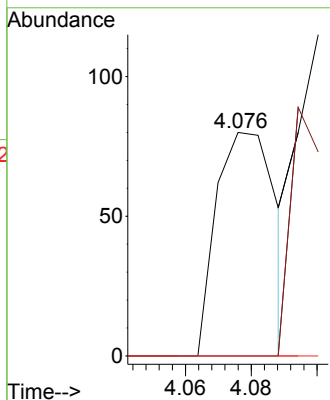


#10
Methyl Iodide
Concen: 2.793 ug/l
RT: 4.076 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

Instrument :
MSVOA_Y
ClientSampleId :

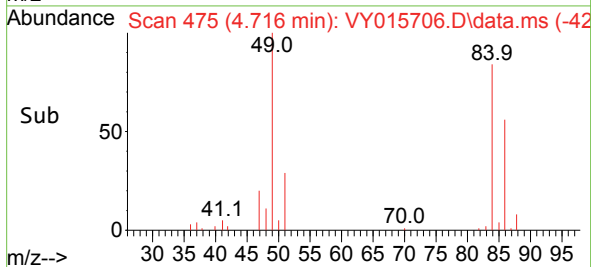
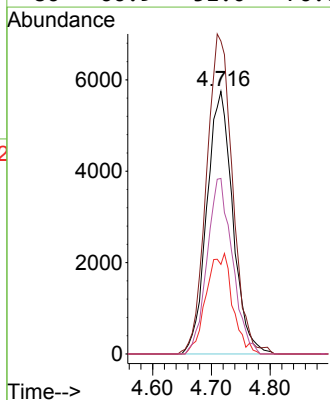
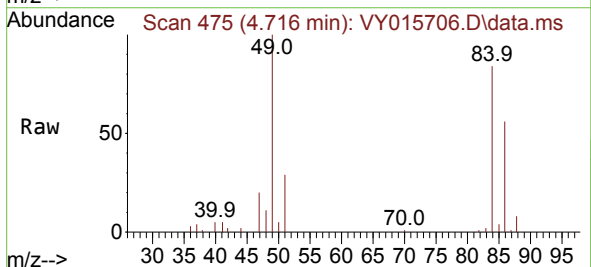


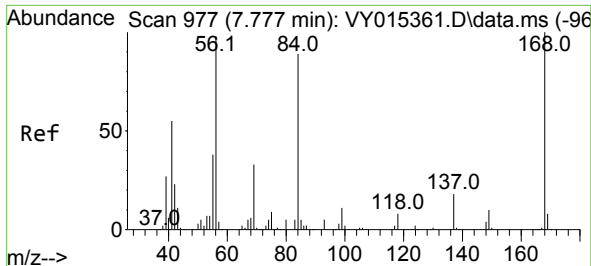
Tgt Ion:142 Resp: 100
Ion Ratio Lower Upper
142 100
127 59.0 37.6 56.4#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: 6.643 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

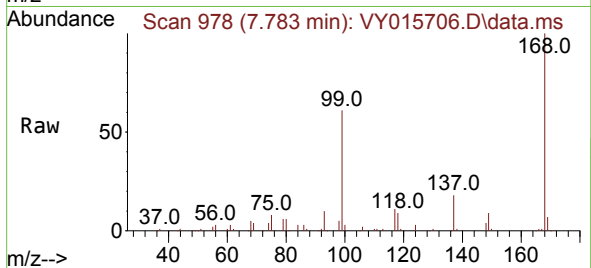
Tgt Ion: 84 Resp: 17624
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 34.1 33.2 49.8
86 66.9 51.0 76.6



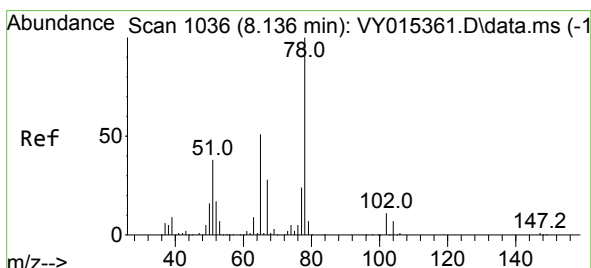
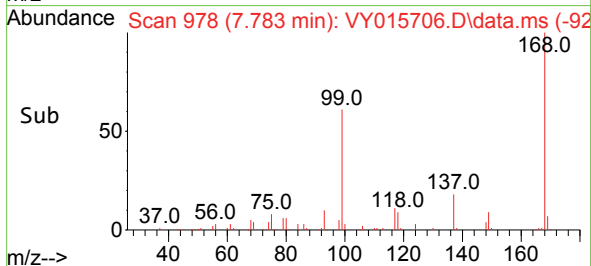
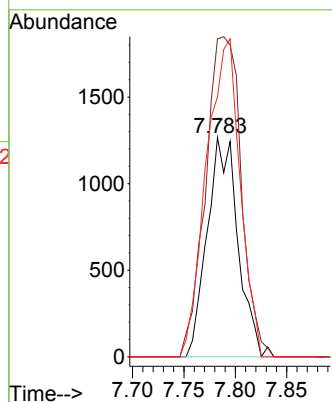


#31
Cyclohexane
Concen: 1.370 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

Instrument :
MSVOA_Y
ClientSampleId :

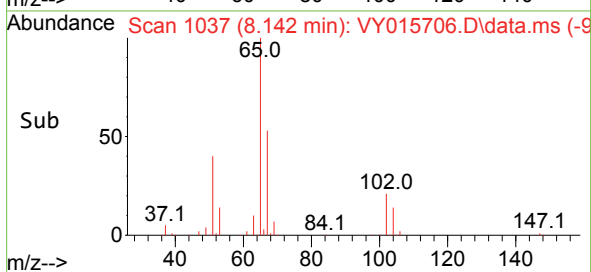
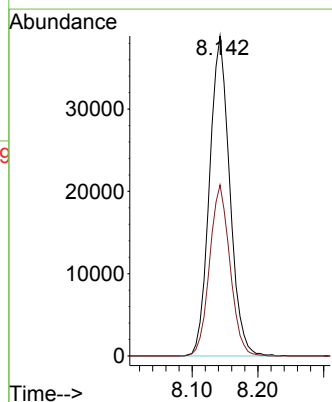
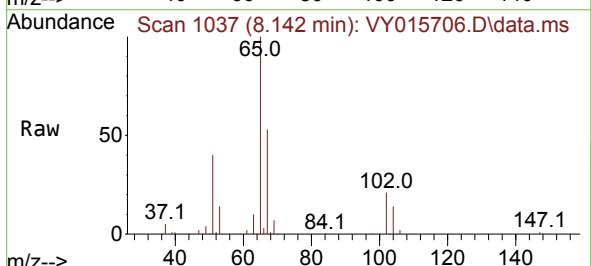


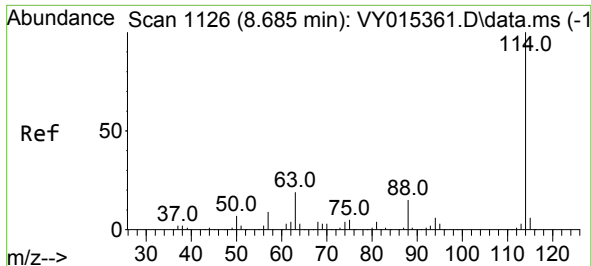
Tgt Ion: 56 Resp: 2633
Ion Ratio Lower Upper
56 100
69 144.9 27.8 41.6#
84 118.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.964 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

Tgt Ion: 65 Resp: 83184
Ion Ratio Lower Upper
65 100
67 53.7 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: VY015706.D

Acq: 26 Sep 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :

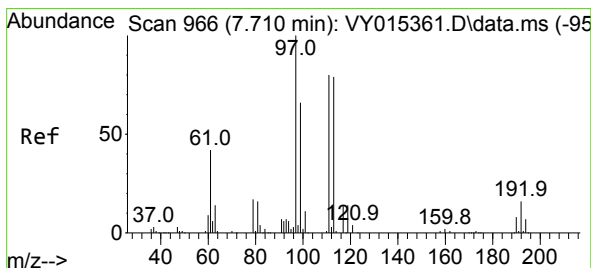
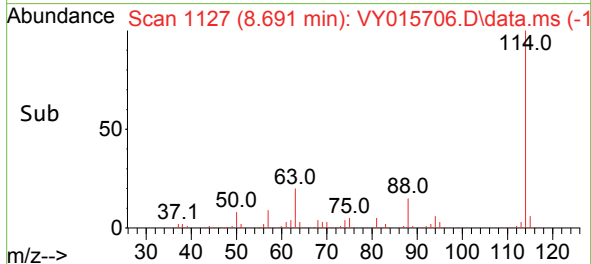
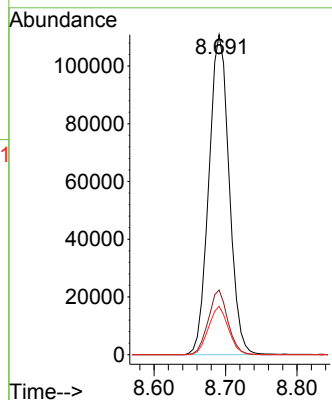
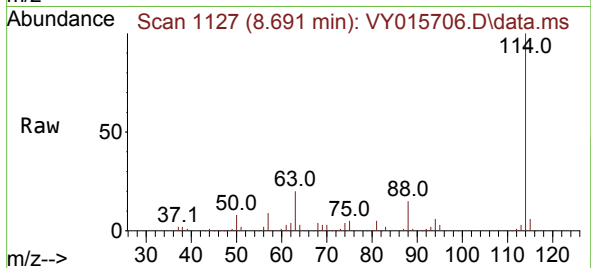
Tgt Ion:114 Resp: 218564

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.541 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015706.D

Acq: 26 Sep 2023 12:35

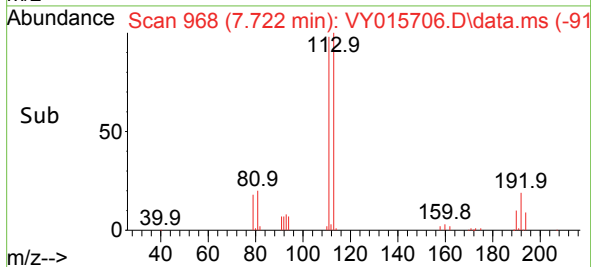
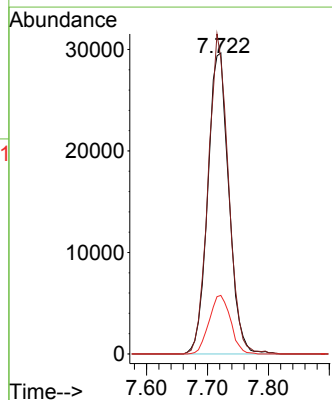
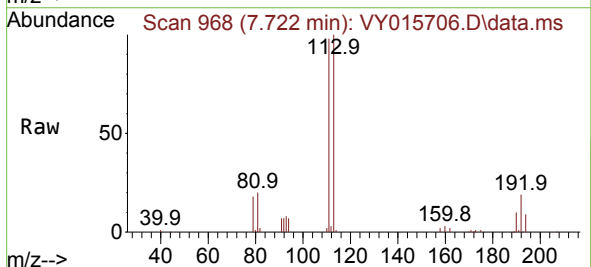
Tgt Ion:113 Resp: 71349

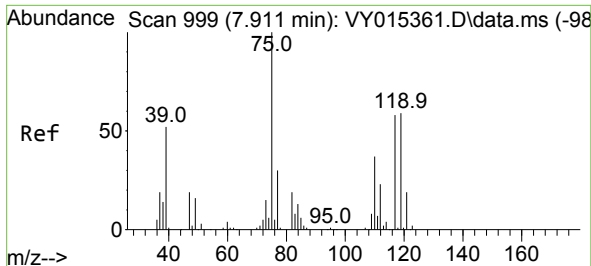
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 19.8 16.9 25.3

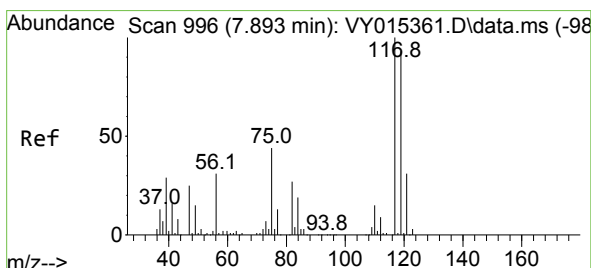
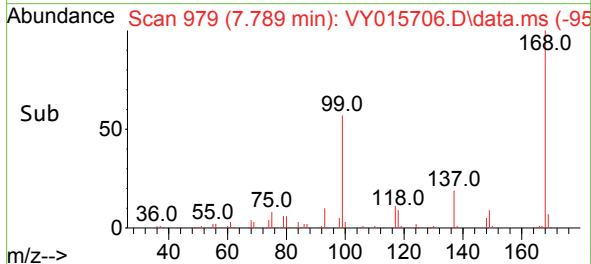
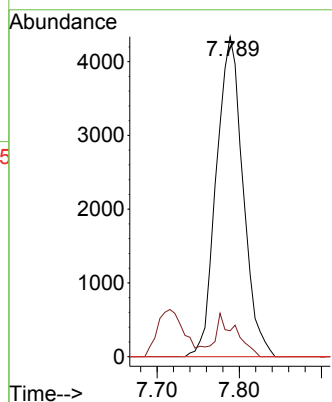
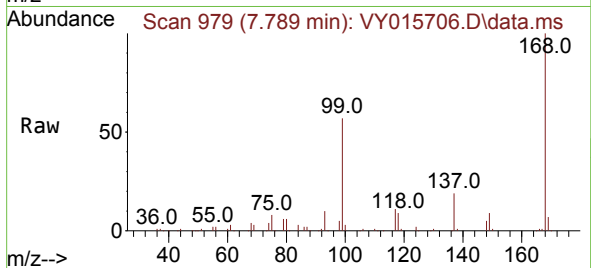




#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

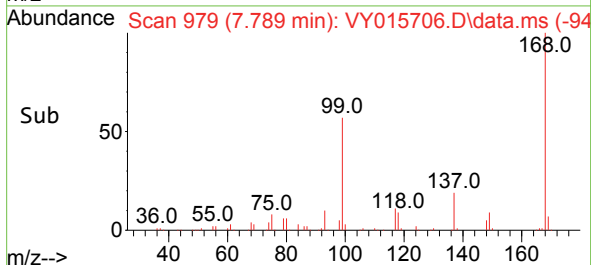
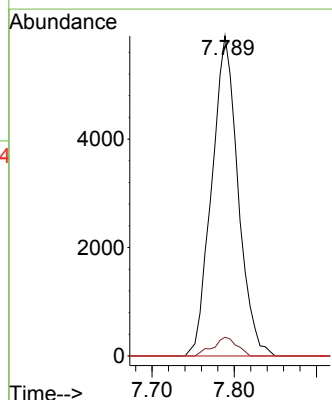
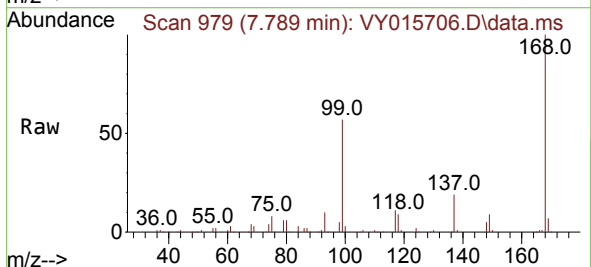
Instrument :
MSVOA_Y
ClientSampleId :

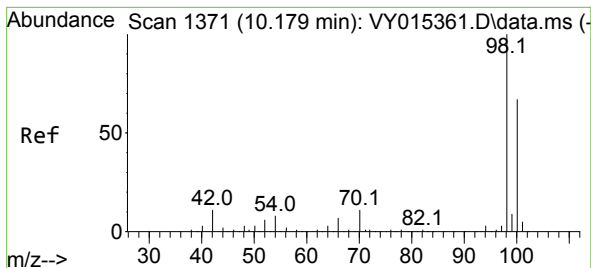
Tgt Ion: 75 Resp: 9775
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

Tgt Ion: 117 Resp: 13129
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#

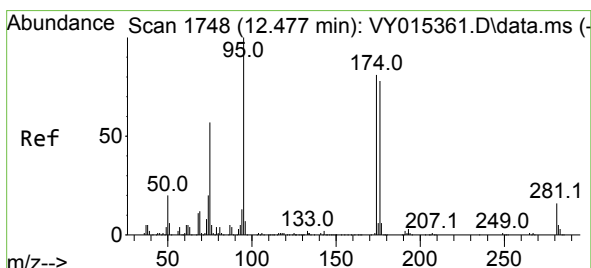
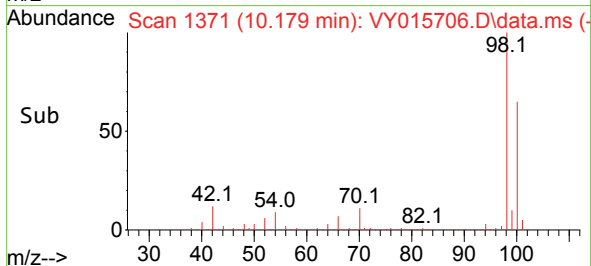
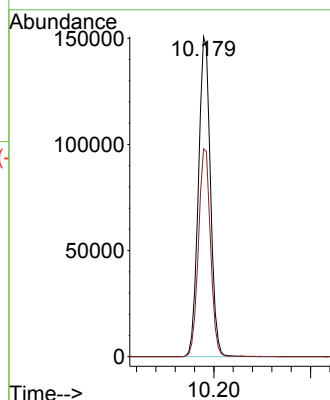
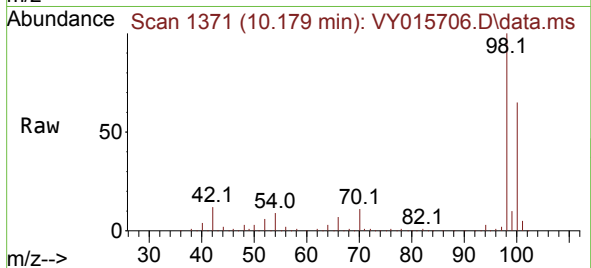




#50
Toluene-d8
Concen: 58.499 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

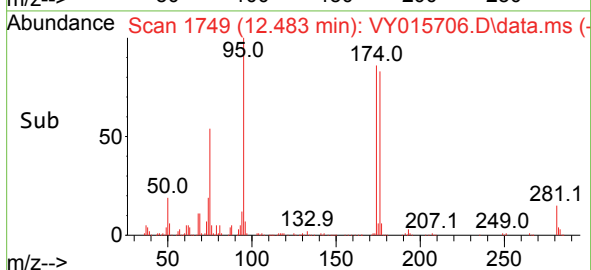
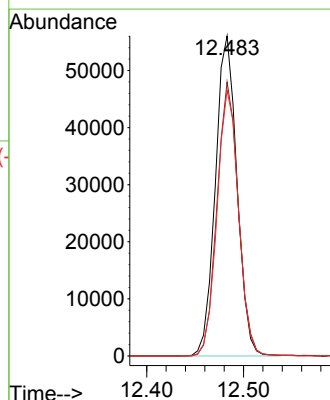
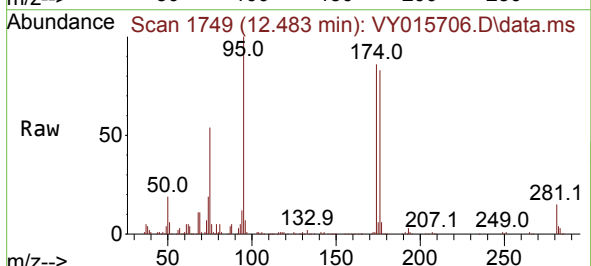
Instrument :
MSVOA_Y
ClientSampleId :

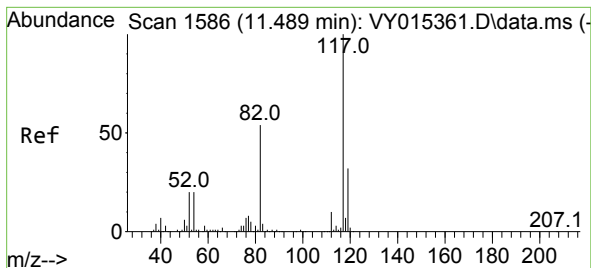
Tgt Ion: 98 Resp: 259477
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

Tgt Ion: 95 Resp: 86697
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

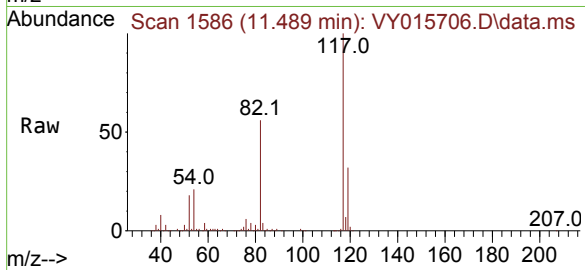
Lab File: VY015706.D

Acq: 26 Sep 2023 12:35

Instrument :

MSVOA_Y

ClientSampleId :



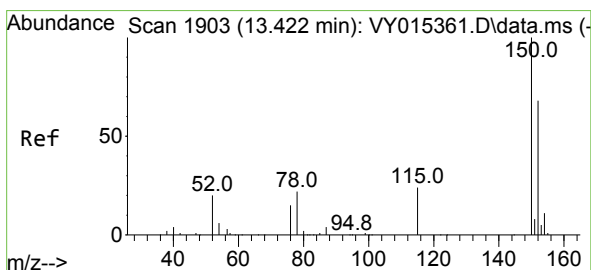
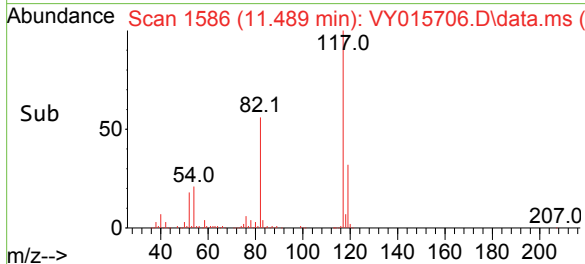
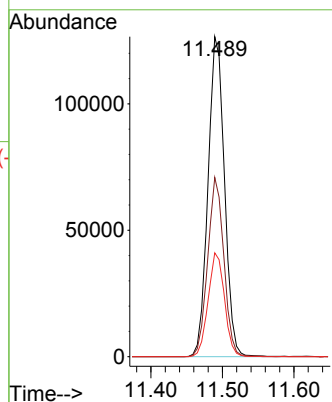
Tgt Ion:117 Resp: 202449

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.0

119 32.4 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: VY015706.D

Acq: 26 Sep 2023 12:35

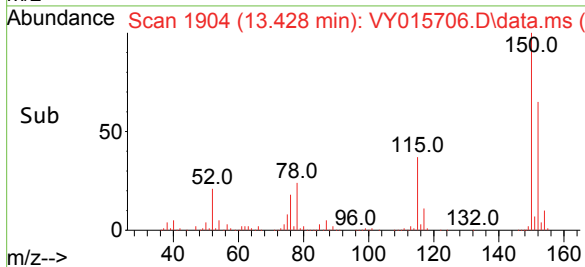
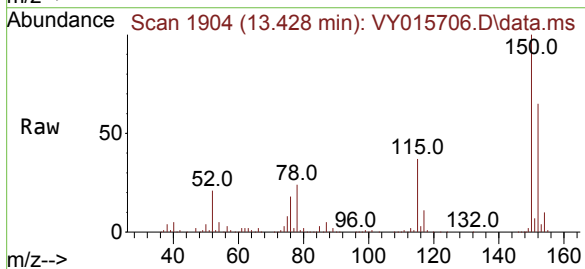
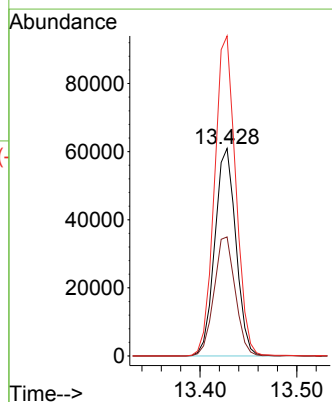
Tgt Ion:152 Resp: 92398

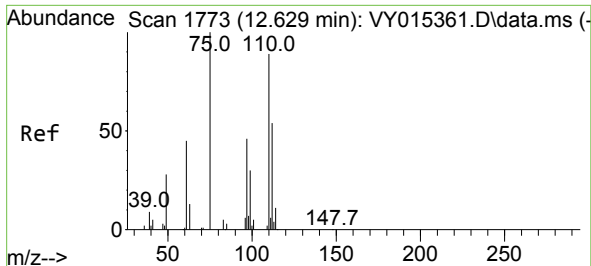
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 155.1 0.0 348.8

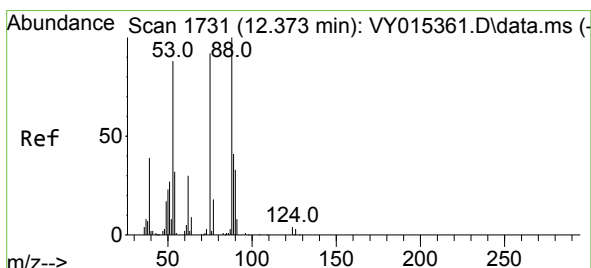
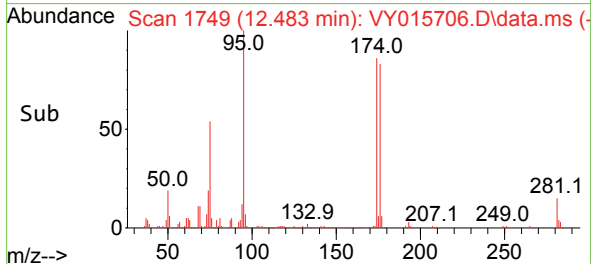
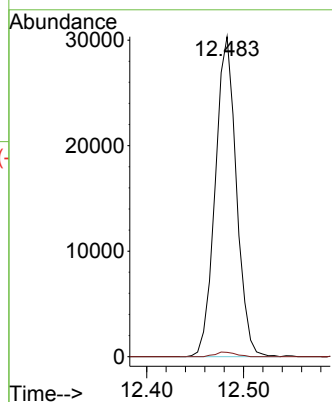
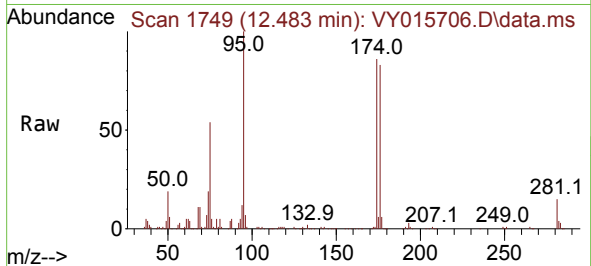




#76
1,2,3-Trichloropropane
Concen: 31.191 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 45977
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015706.D
Acq: 26 Sep 2023 12:35

Tgt Ion: 75 Resp: 45977
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

