

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015749.D
 Acq On : 28 Sep 2023 17:31
 Operator : SY/MD
 Sample : 04627-11
 Misc : 3.802g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 29 01:27:10 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)

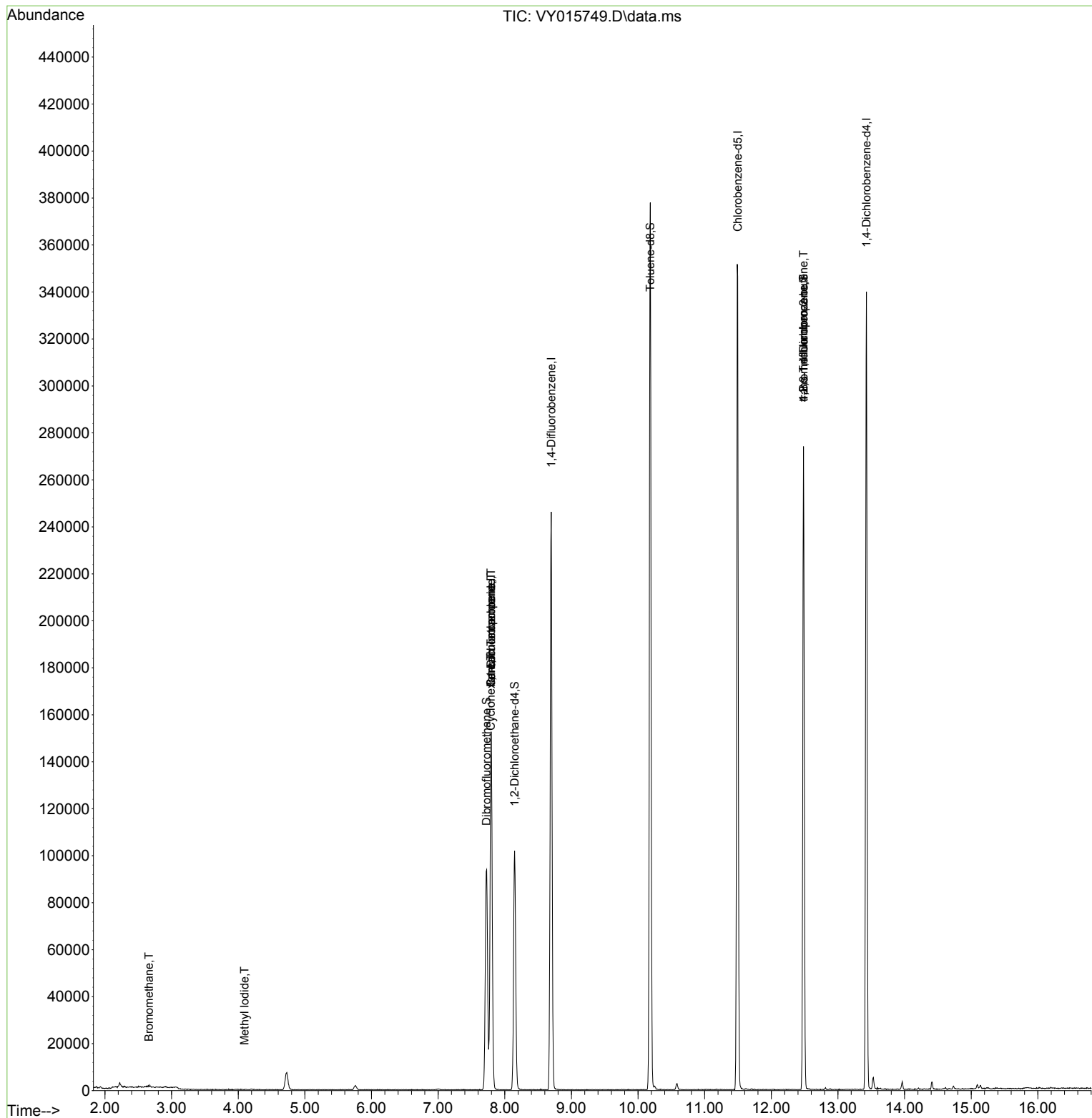
Internal Standards						
1) Pentafluorobenzene	7.795	168	115839	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	209727	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	194884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79064	62.033	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.060%	
35) Dibromofluoromethane	7.728	113	68416	54.502	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.185	98	249142	58.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.080%	
62) 4-Bromofluorobenzene	12.483	95	79962	47.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	221	2.749	ug/l #	69
10) Methyl Iodide	4.094	142	93	2.793	ug/l #	62
20) Methylene Chloride	4.722	84	5778	Below Cal	#	83
31) Cyclohexane	7.789	56	2542	1.440	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	9176	4.944	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11930	5.922	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	43240	31.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43240	70.977	ug/l #	10

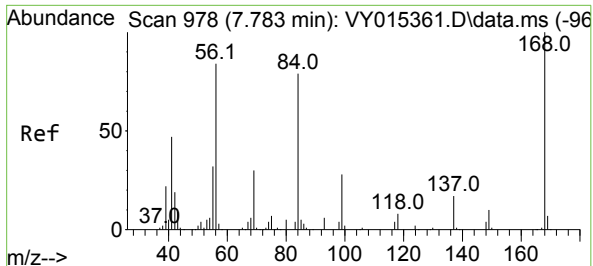
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
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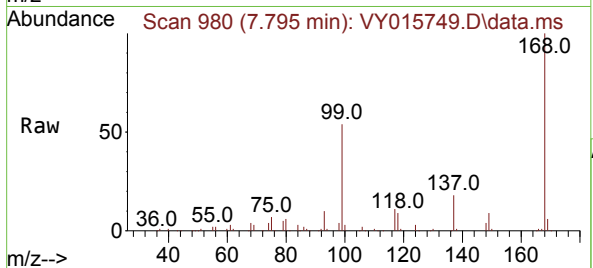
Quant Time: Sep 29 01:27:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration



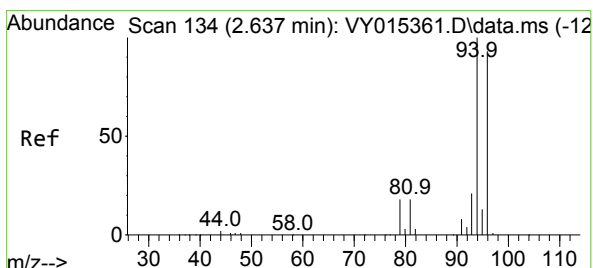
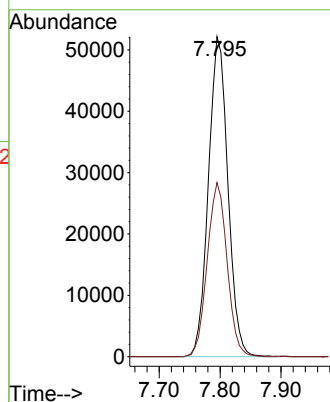
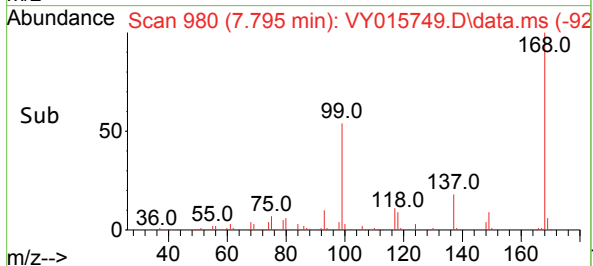


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Instrument :
MSVOA_Y
ClientSampleId :

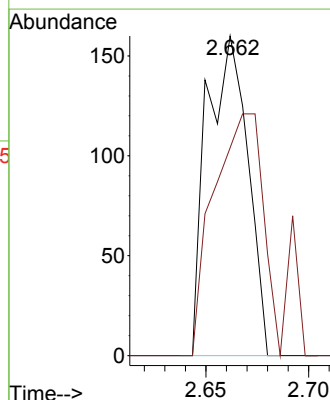
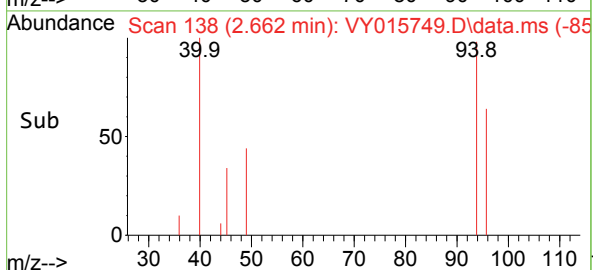
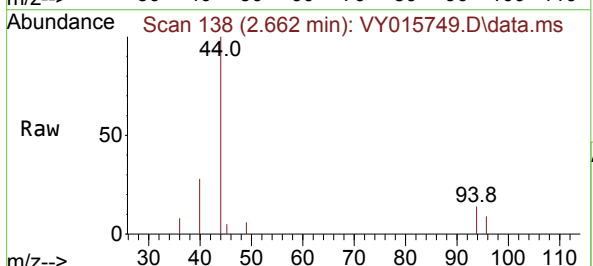


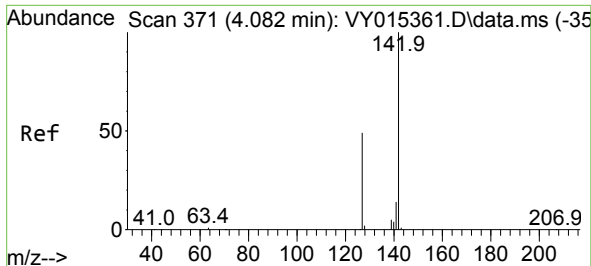
Tgt Ion:168 Resp: 115839
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#5
Bromomethane
Concen: 2.749 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 94 Resp: 221
Ion Ratio Lower Upper
94 100
96 65.0 75.8 113.6#





#10

Methyl Iodide

Concen: 2.793 ug/l

RT: 4.094 min Scan# 31

Delta R.T. 0.012 min

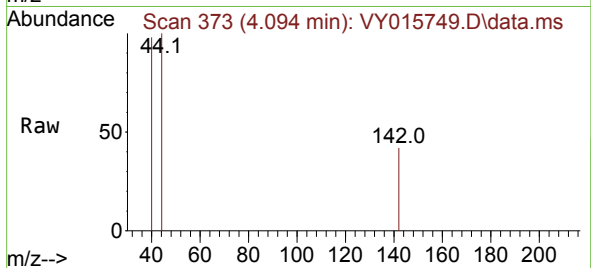
Lab File: VY015749.D

Acq: 28 Sep 2023 17:31

Instrument :

MSVOA_Y

ClientSampleId :



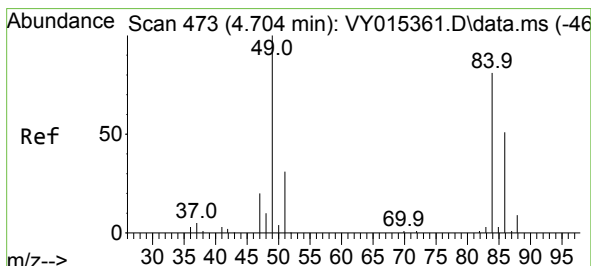
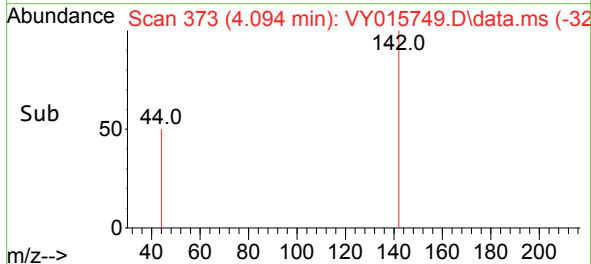
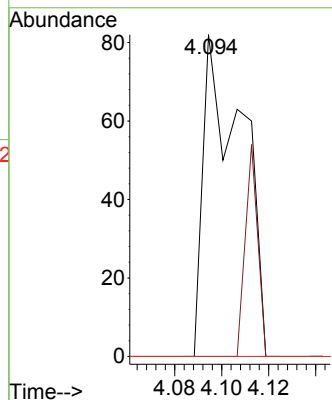
Tgt Ion:142 Resp: 93

Ion Ratio Lower Upper

142 100

127 21.5 37.6 56.4#

141 0.0 11.8 17.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY015749.D

Acq: 28 Sep 2023 17:31

Tgt Ion: 84 Resp: 5778

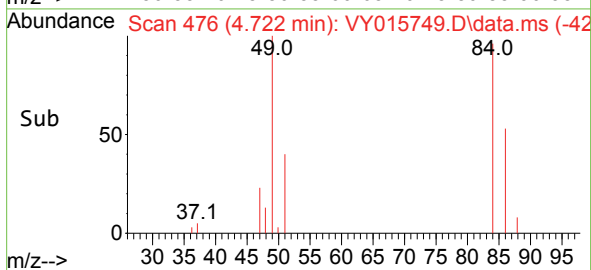
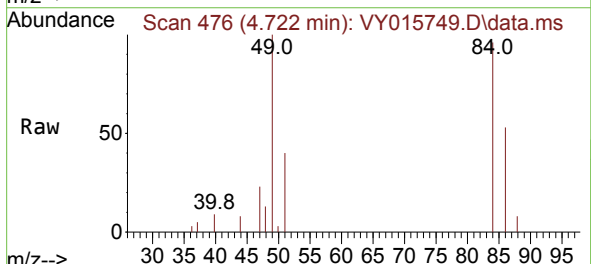
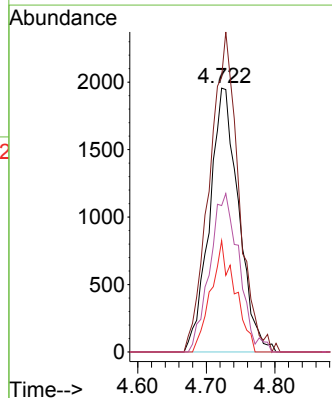
Ion Ratio Lower Upper

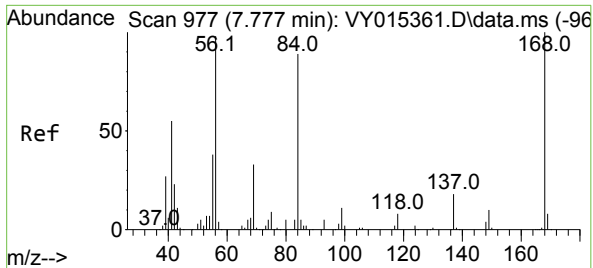
84 100

49 104.2 106.9 160.3#

51 42.2 33.2 49.8

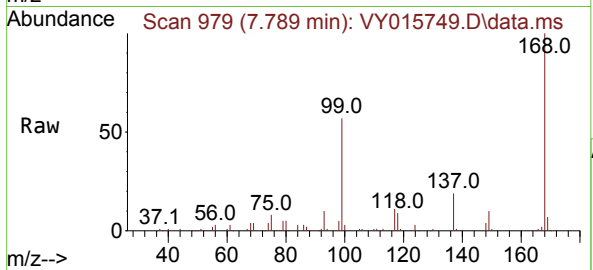
86 55.5 51.0 76.6



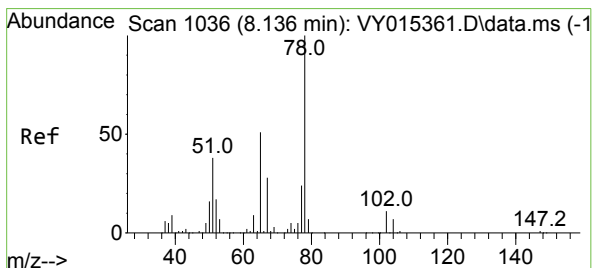
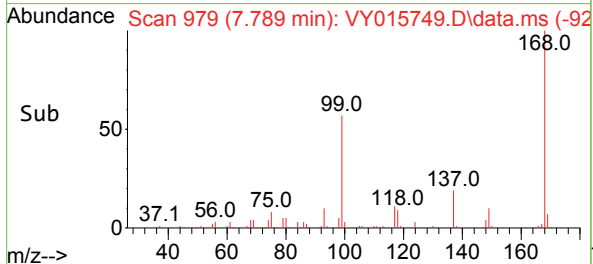
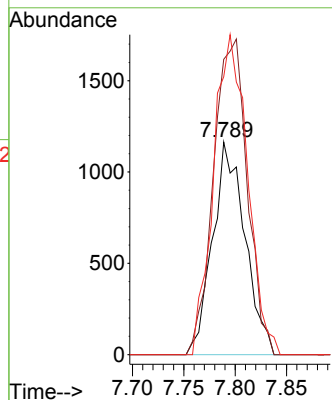


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Instrument :
MSVOA_Y
ClientSampleId :

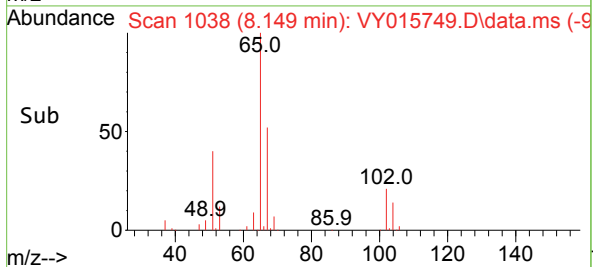
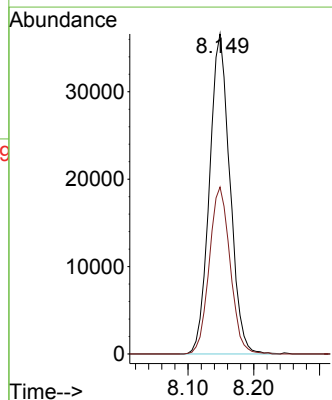
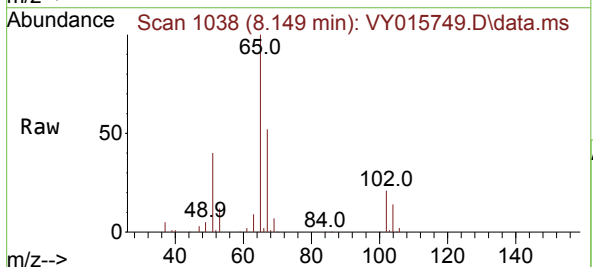


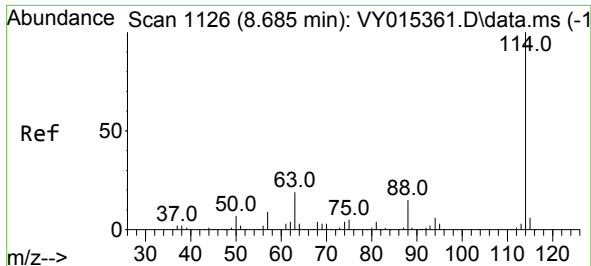
Tgt Ion: 56 Resp: 2542
Ion Ratio Lower Upper
56 100
69 138.9 27.8 41.6#
84 130.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.033 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 65 Resp: 79064
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

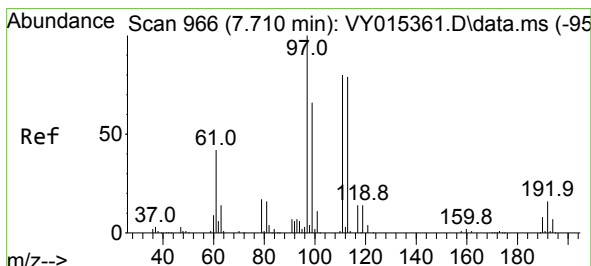
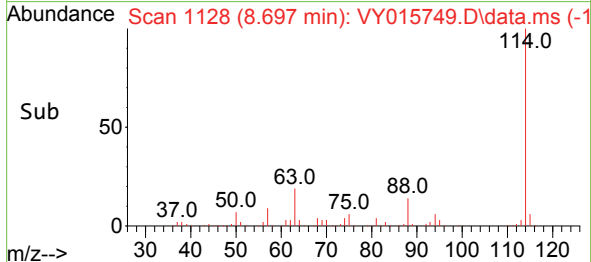
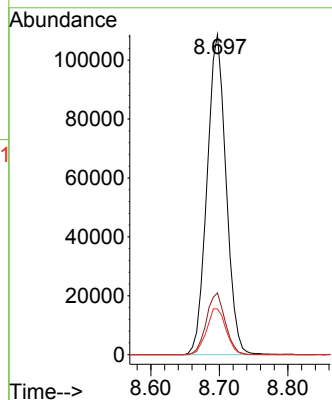
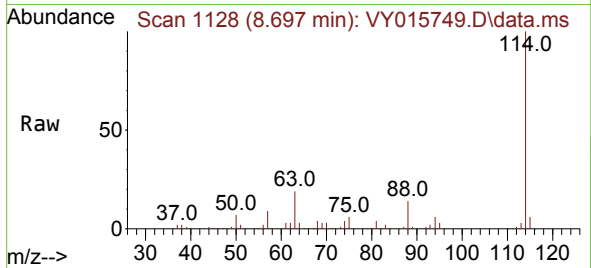




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

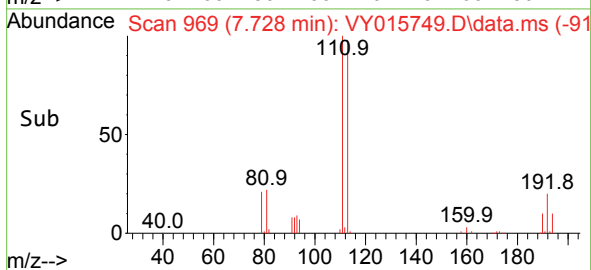
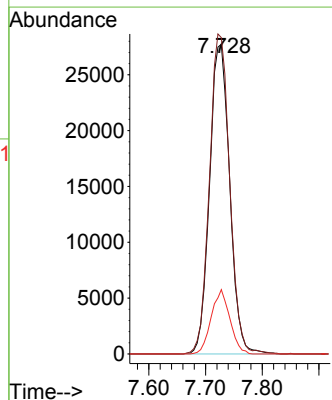
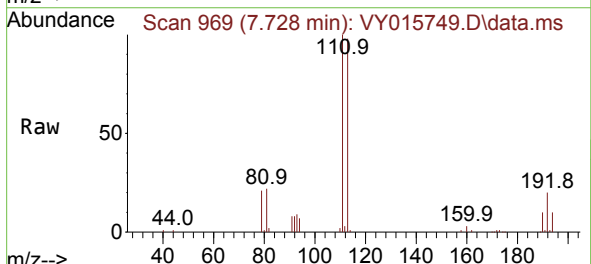
Instrument :
MSVOA_Y
ClientSampleId :

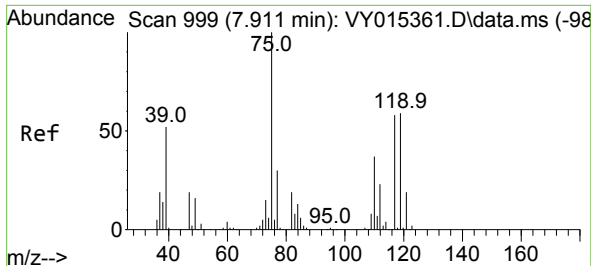
Tgt Ion:114 Resp: 209727
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.502 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion:113 Resp: 68416
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.2 16.9 25.3

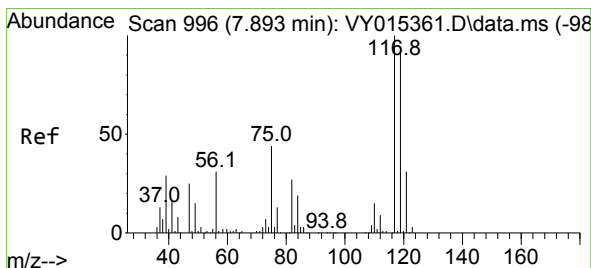
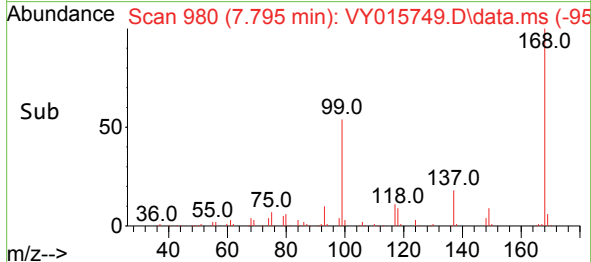
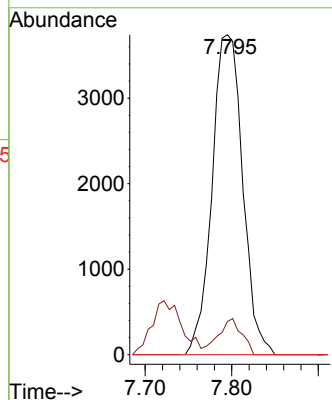
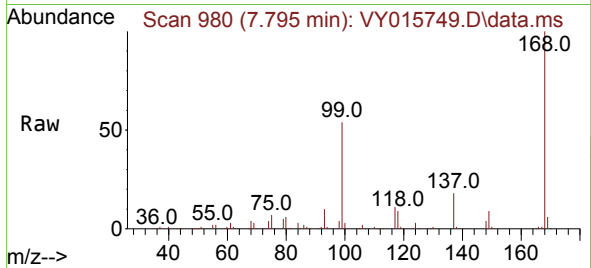




#36
1,1-Dichloropropene
Concen: 4.944 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

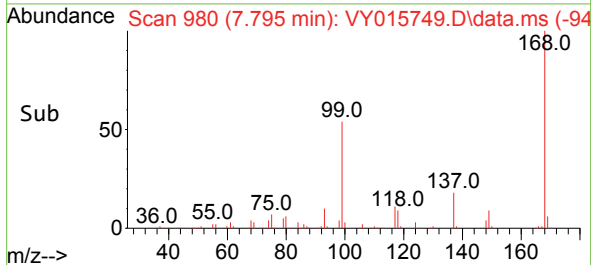
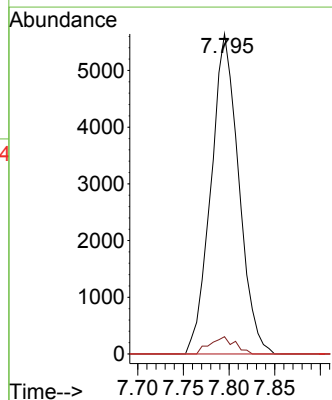
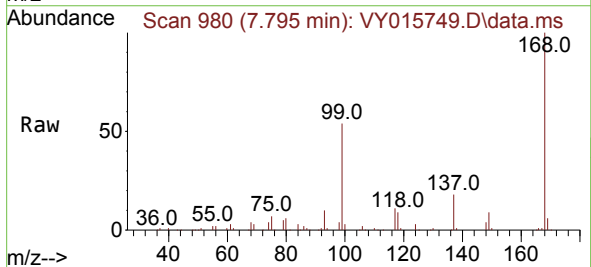
Instrument :
MSVOA_Y
ClientSampleId :

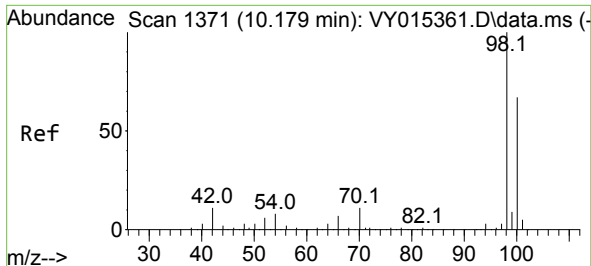
Tgt Ion: 75 Resp: 9176
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.098 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 117 Resp: 11930
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#

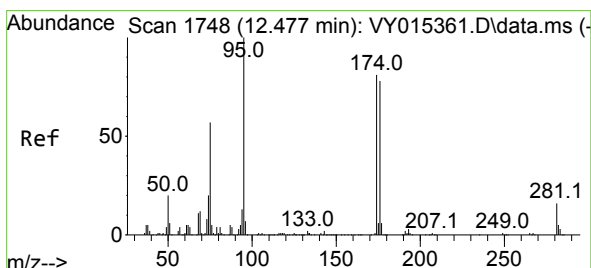
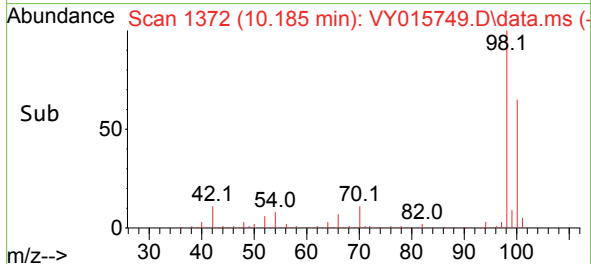
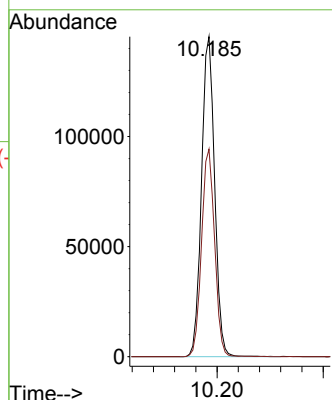
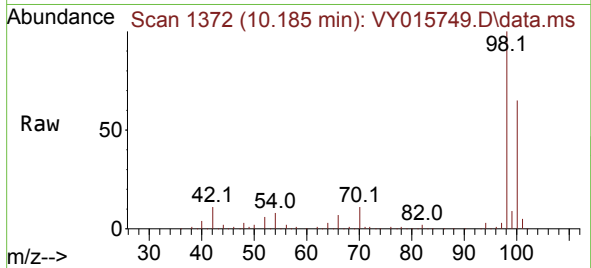




#50
Toluene-d8
Concen: 58.536 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

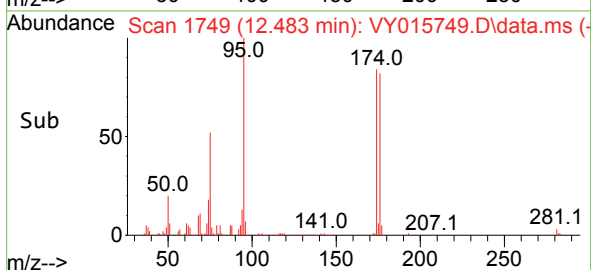
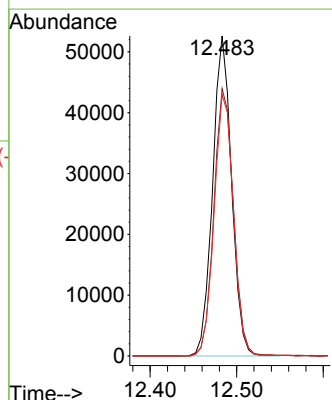
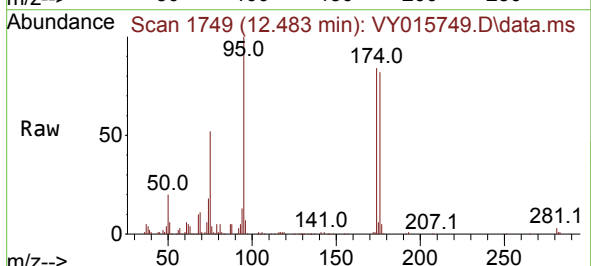
Instrument :
MSVOA_Y
ClientSampleId :

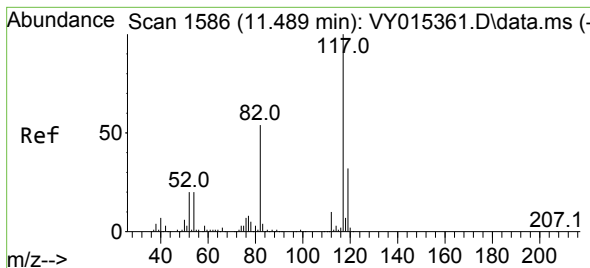
Tgt Ion: 98 Resp: 249142
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 95 Resp: 79962
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015749.D

Acq: 28 Sep 2023 17:31

Instrument :

MSVOA_Y

ClientSampleId :

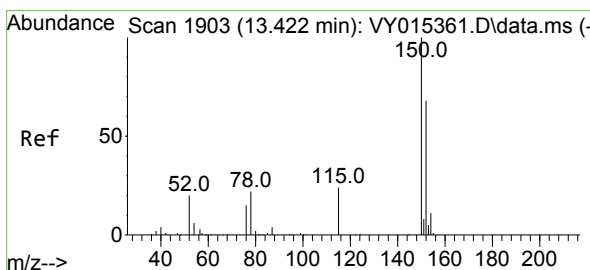
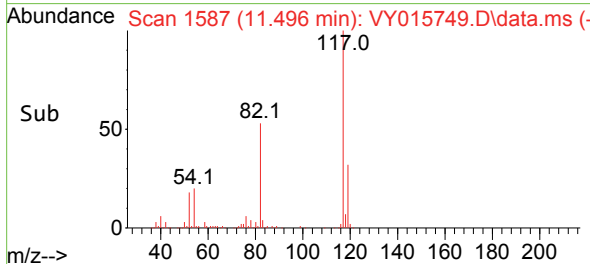
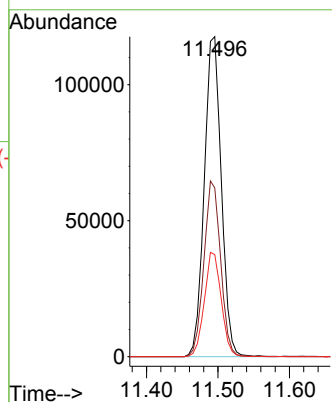
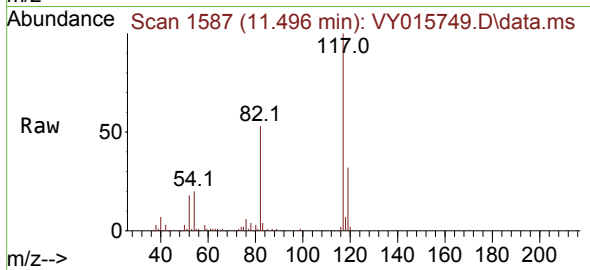
Tgt Ion:117 Resp: 194884

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.9 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: VY015749.D

Acq: 28 Sep 2023 17:31

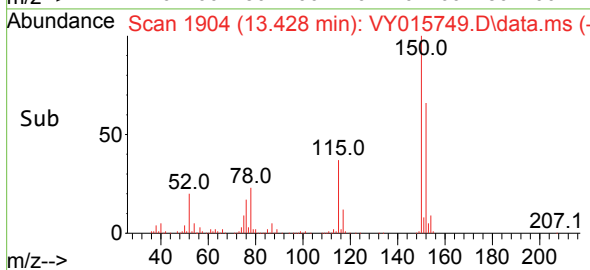
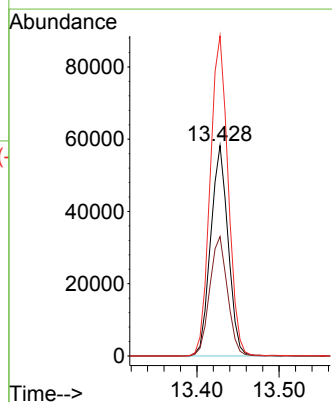
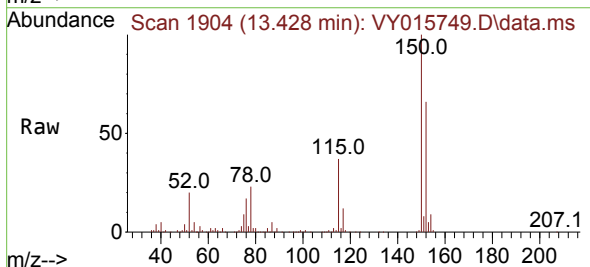
Tgt Ion:152 Resp: 85994

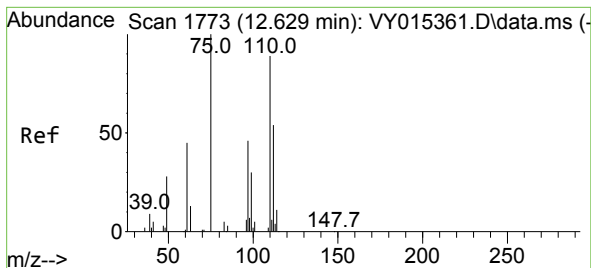
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.4 0.0 348.8

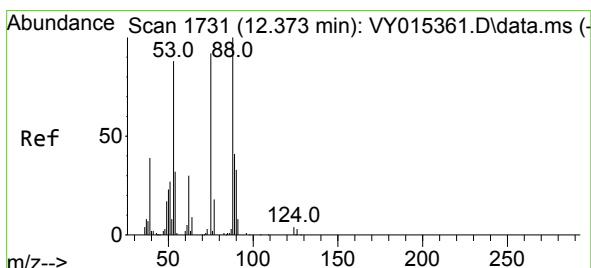
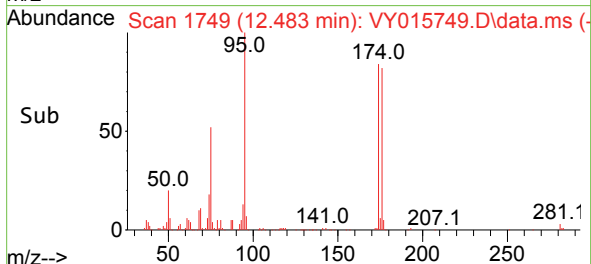
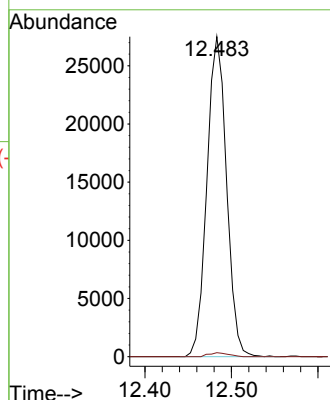
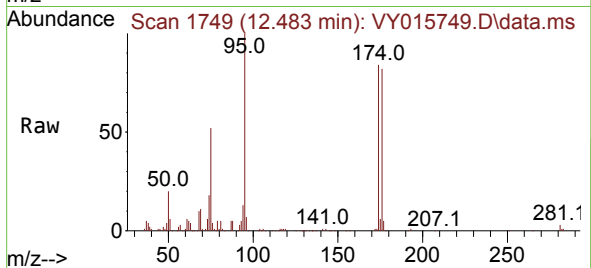




#76
1,2,3-Trichloropropane
Concen: 31.519 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43240
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.977 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 75 Resp: 43240
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

