

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014461.D
 Acq On : 27 Jun 2023 16:22
 Operator : KP/MD
 Sample : 03392-02
 Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RY-1

Quant Time: Jun 28 01:57:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

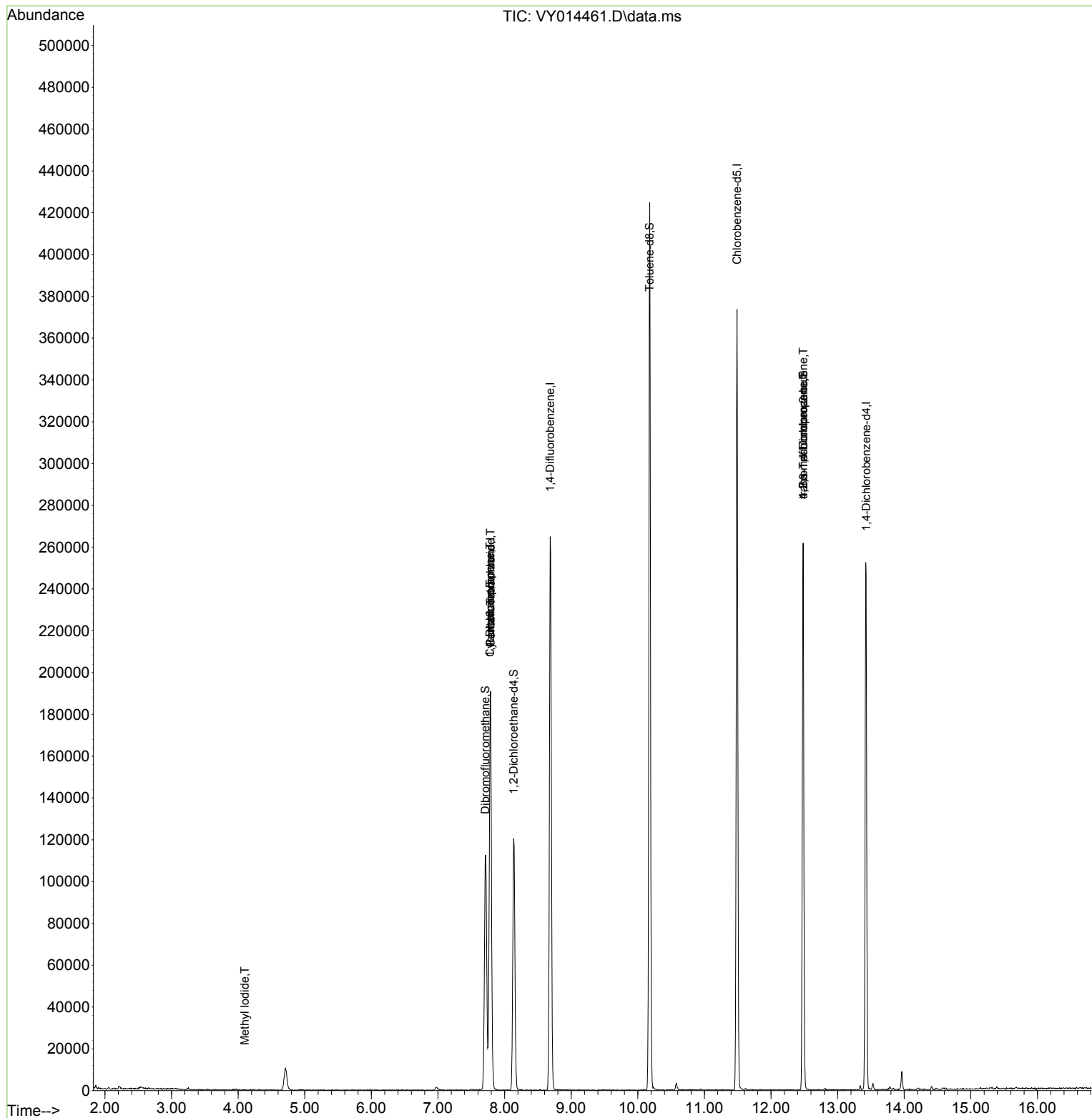
Internal Standards						
1) Pentafluorobenzene	7.789	168	152576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	232855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108450	57.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.500%
35) Dibromofluoromethane	7.710	113	75491	52.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.940%
50) Toluene-d8	10.179	98	271905	47.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.483	95	68655	33.628	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.260%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	19	2.884	ug/l #	38
11) Tert butyl alcohol	4.972	59	334	Below Cal	#	89
20) Methylene Chloride	4.710	84	8166	Below Cal	#	81
31) Cyclohexane	7.783	56	3045	1.301	ug/l #	42
36) 1,1-Dichloropropene	7.783	75	10574	4.770	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14720	5.276	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	38632	43.816	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38632	99.755	ug/l #	11

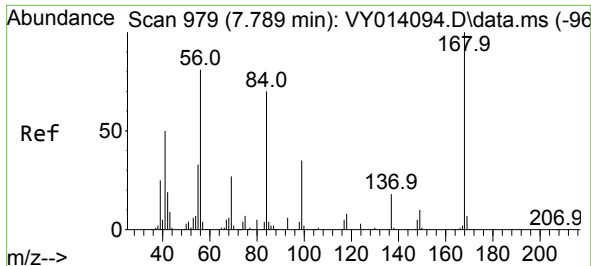
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
Data File : VY014461.D
Acq On : 27 Jun 2023 16:22
Operator : KP/MD
Sample : 03392-02
Misc : 5.25g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RY-1

Quant Time: Jun 28 01:57:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

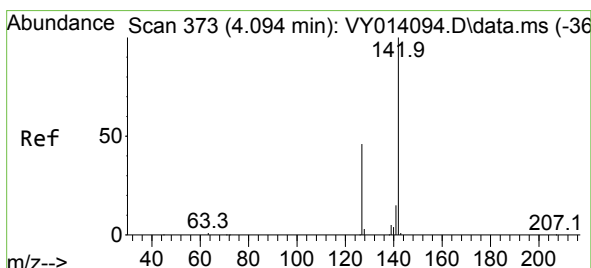
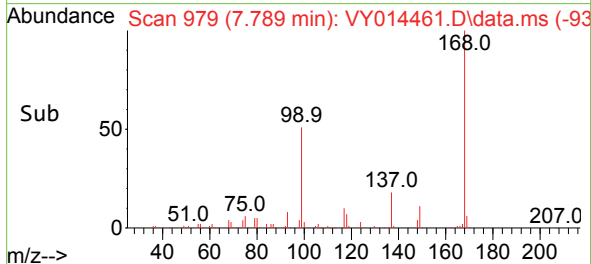
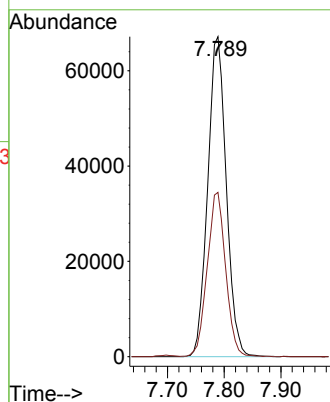
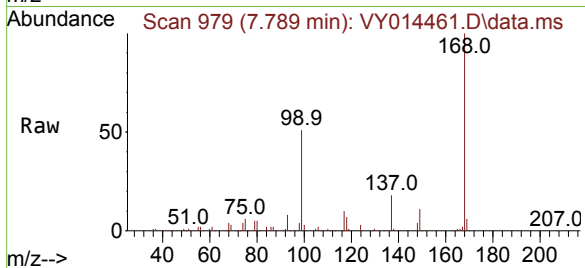




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

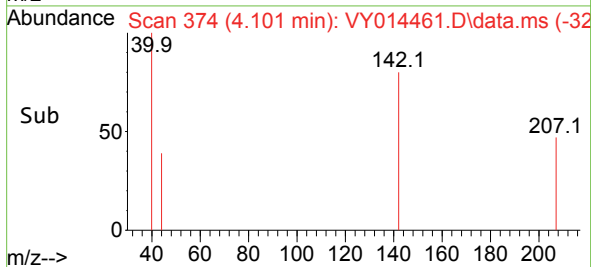
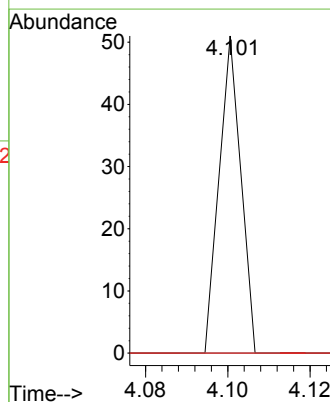
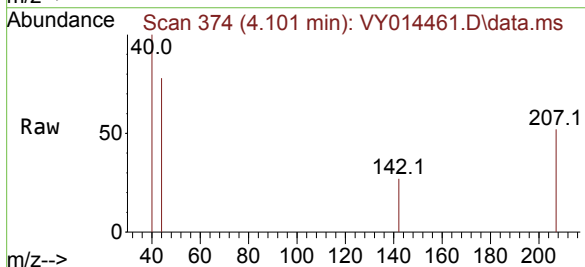
Instrument :
MSVOA_Y
ClientSampleId :
RY-1

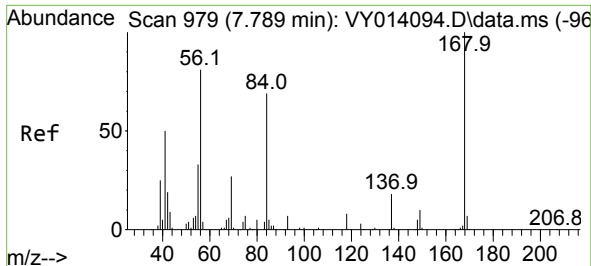
Tgt Ion:168 Resp: 152576
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#10
Methyl Iodide
Concen: 2.884 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

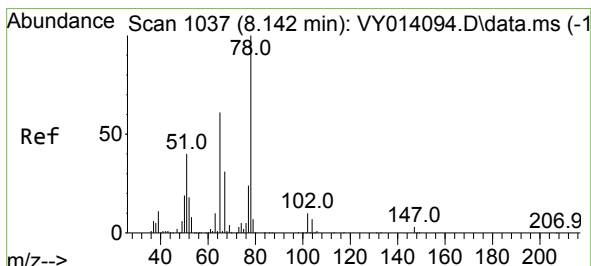
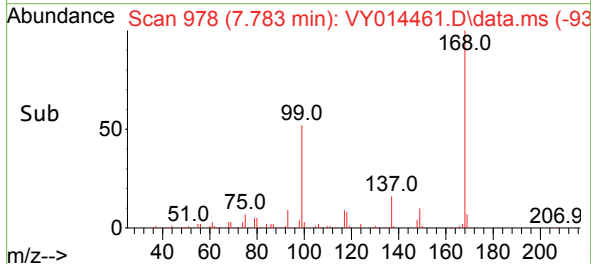
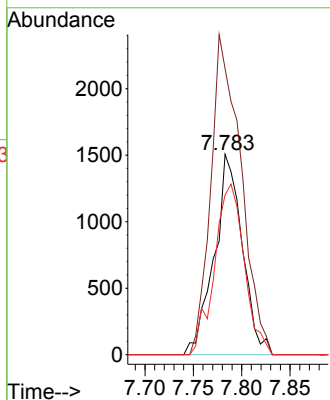
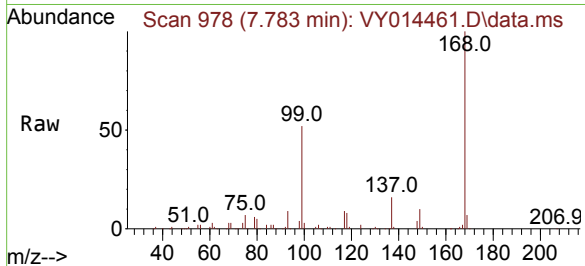




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

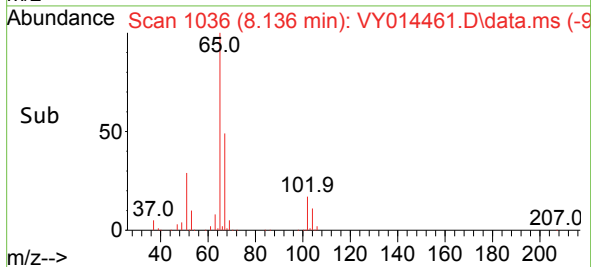
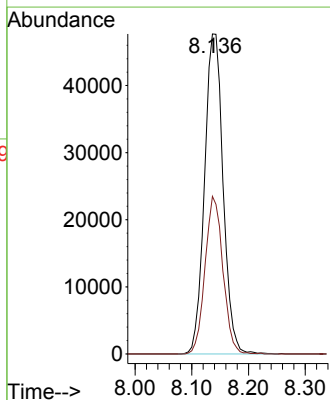
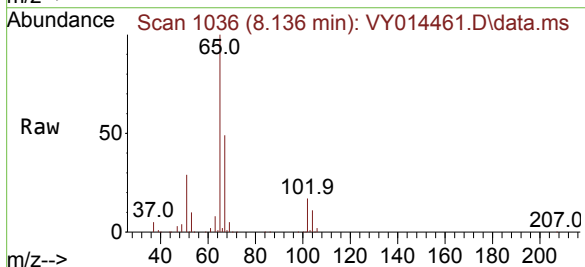
Instrument :
MSVOA_Y
ClientSampleId :
RY-1

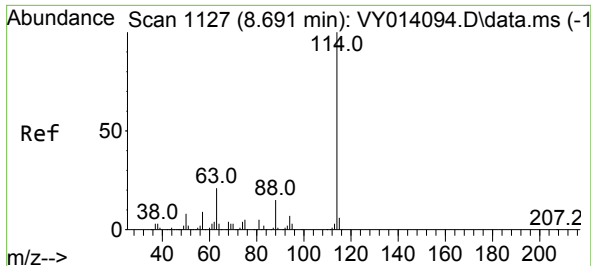
Tgt Ion: 56 Resp: 3045
Ion Ratio Lower Upper
56 100
69 142.8 27.8 41.6#
84 79.8 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 57.249 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

Tgt Ion: 65 Resp: 108450
Ion Ratio Lower Upper
65 100
67 47.4 0.0 101.8

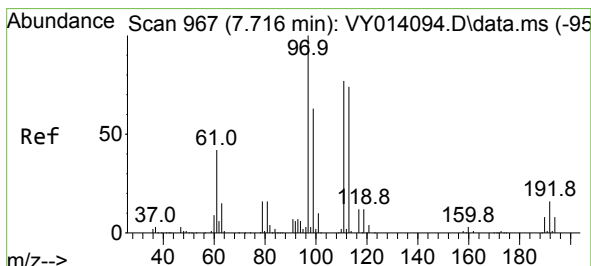
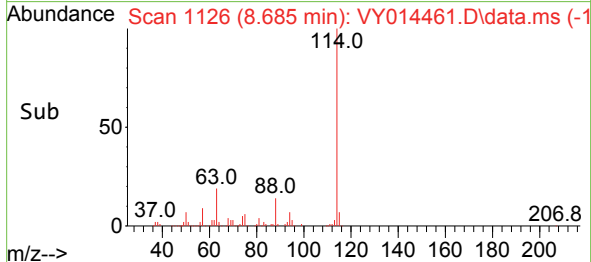
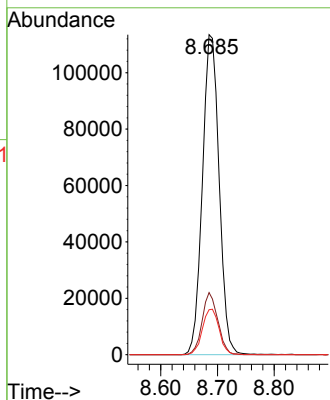
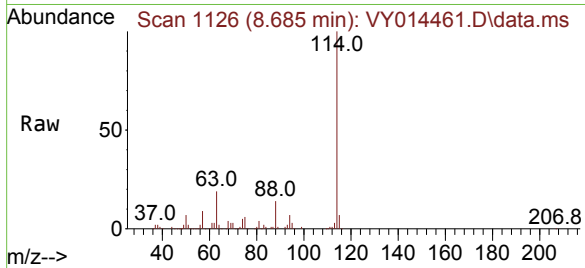




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

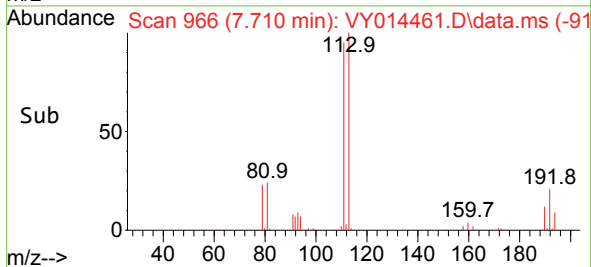
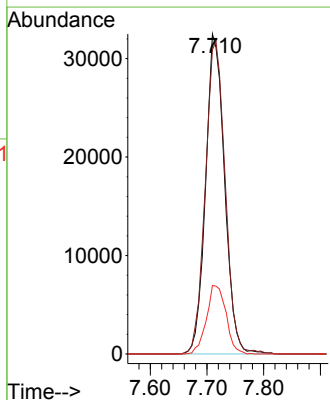
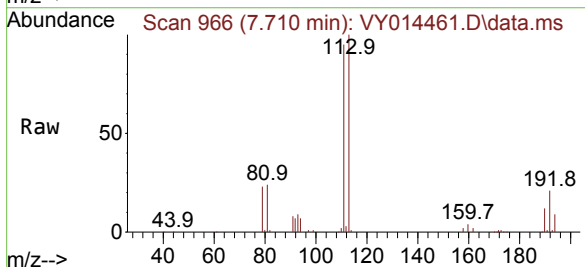
Instrument :
MSVOA_Y
ClientSampleId :
RY-1

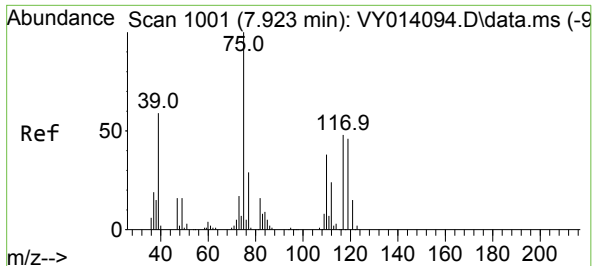
Tgt Ion:114 Resp: 232855
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.474 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014461.D
Acq: 27 Jun 2023 16:22

Tgt Ion:113 Resp: 75491
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 22.1 16.9 25.3

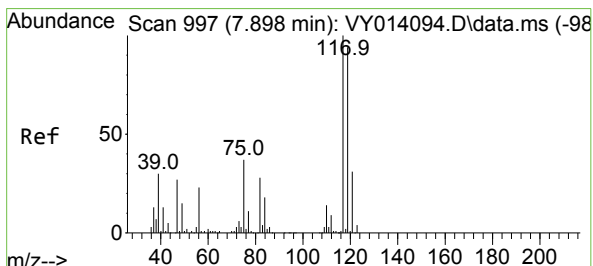
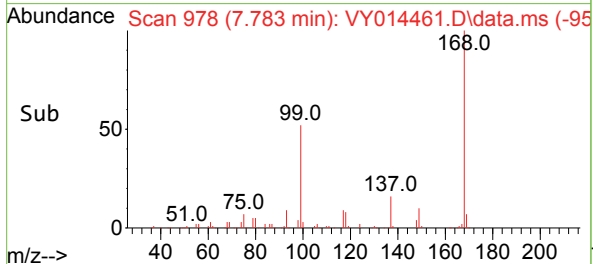
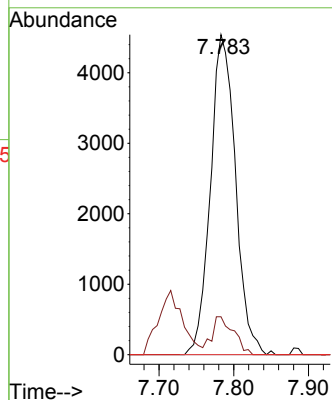
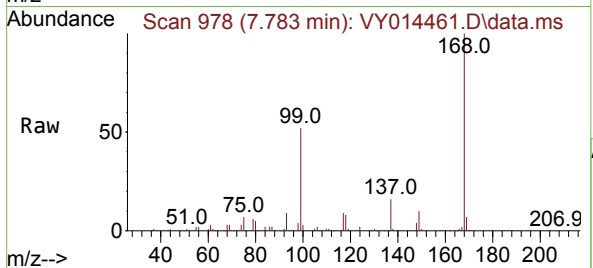




#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY014461.D
 Acq: 27 Jun 2023 16:22

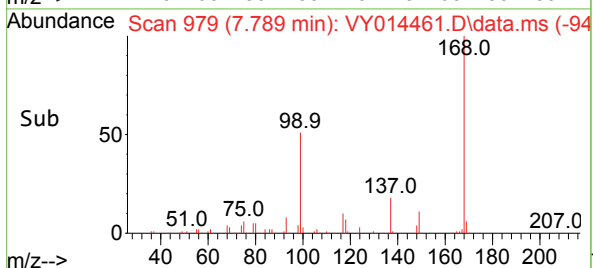
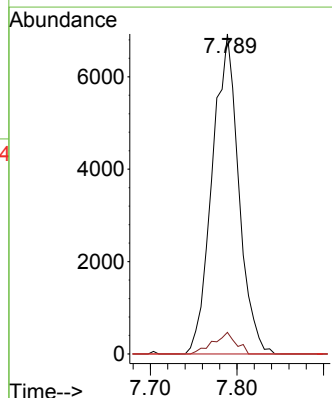
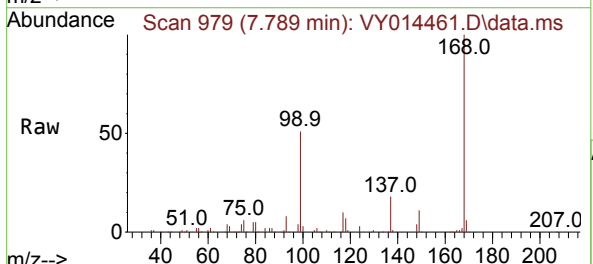
Instrument :
 MSVOA_Y
 ClientSampleId :
 RY-1

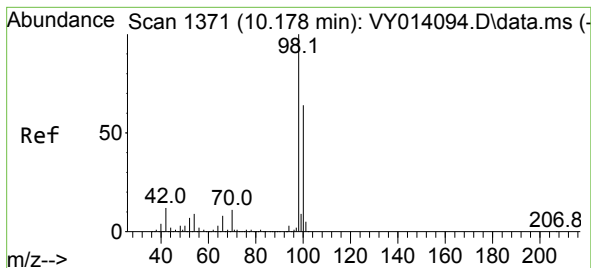
Tgt Ion: 75 Resp: 10574
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.276 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.109 min
 Lab File: VY014461.D
 Acq: 27 Jun 2023 16:22

Tgt Ion: 117 Resp: 14720
 Ion Ratio Lower Upper
 117 100
 119 6.7 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 47.546 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

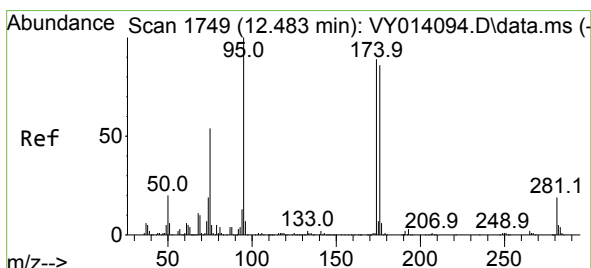
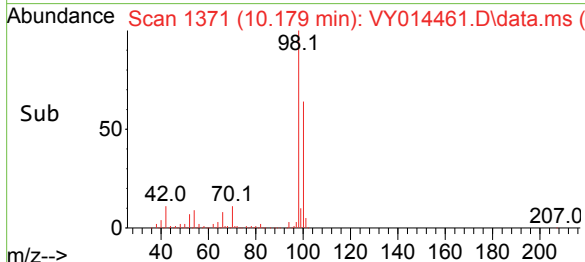
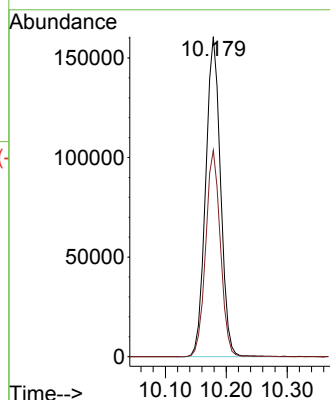
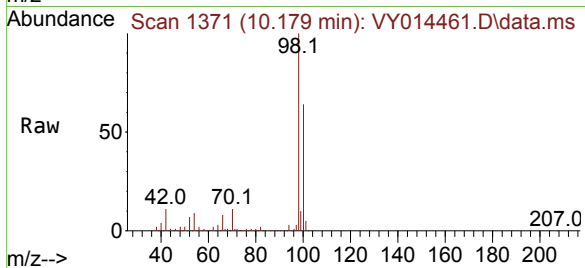
RY-1

Tgt Ion: 98 Resp: 271905

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 33.628 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

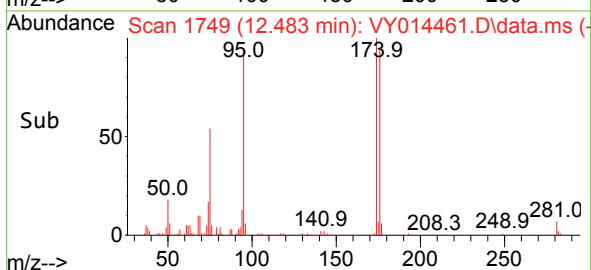
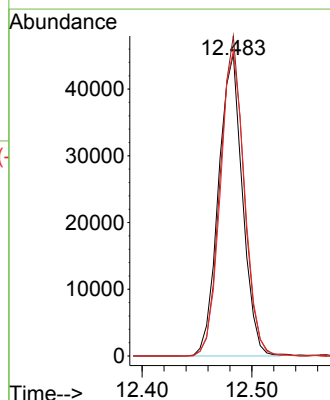
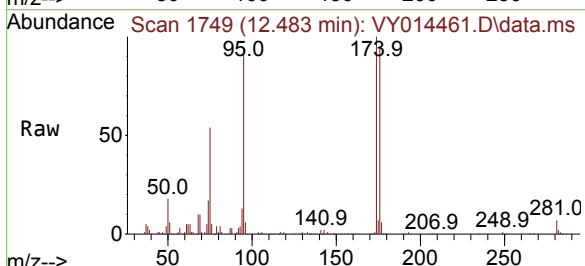
Tgt Ion: 95 Resp: 68655

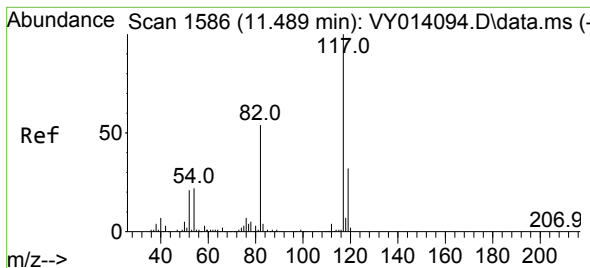
Ion Ratio Lower Upper

95 100

174 104.5 0.0 178.2

176 102.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

RY-1

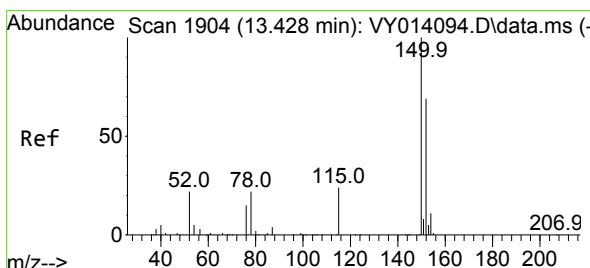
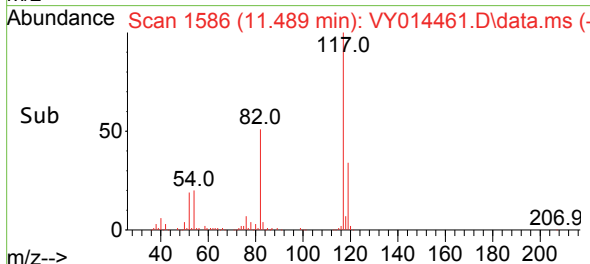
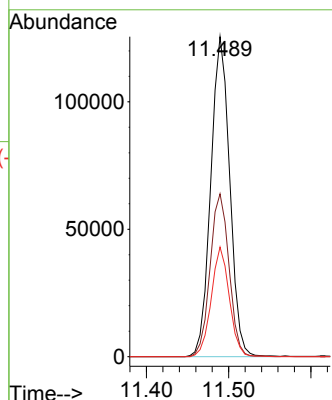
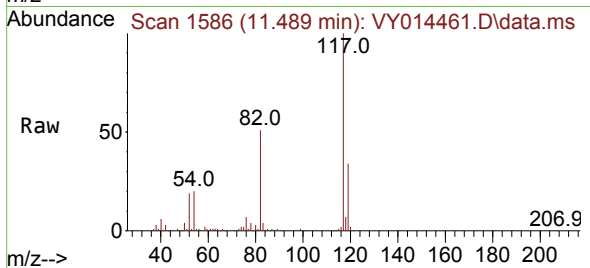
Tgt Ion:117 Resp: 201333

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 34.3 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: VY014461.D

Acq: 27 Jun 2023 16:22

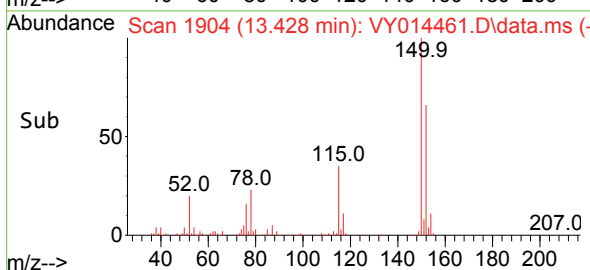
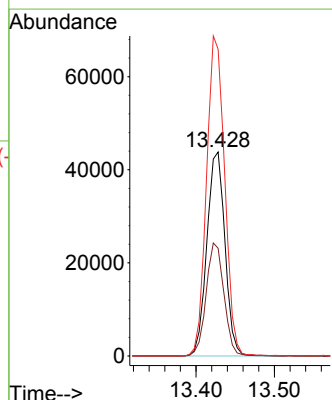
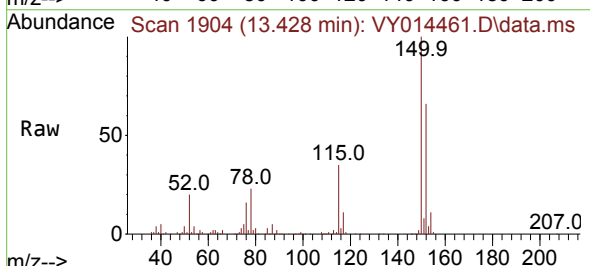
Tgt Ion:152 Resp: 70286

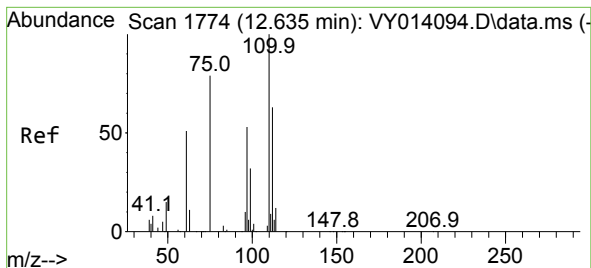
Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 157.2 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 43.816 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

Instrument :

MSVOA_Y

ClientSampleId :

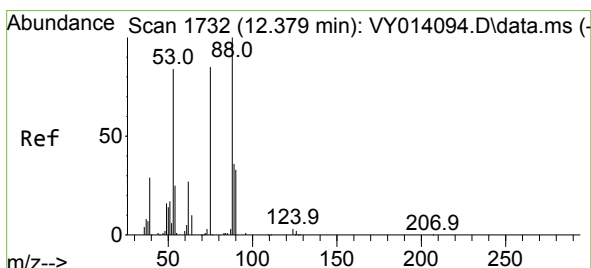
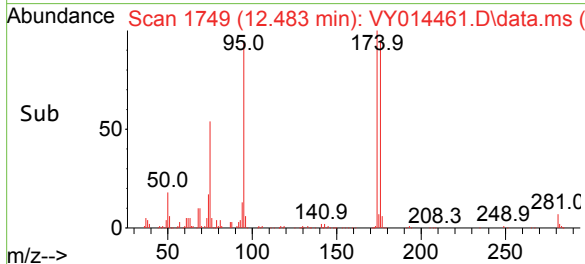
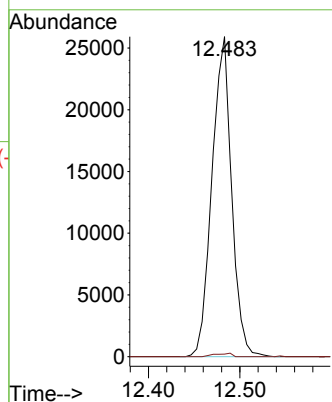
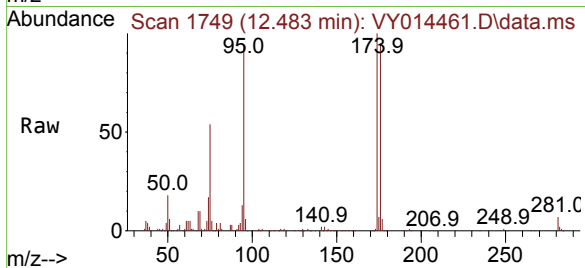
RY-1

Tgt Ion: 75 Resp: 38632

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.755 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY014461.D

Acq: 27 Jun 2023 16:22

Tgt Ion: 75 Resp: 38632

Ion Ratio Lower Upper

75 100

53 0.2 77.8 116.8#

89 0.0 37.4 56.0#

