

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015512.D
 Acq On : 12 Sep 2023 16:58
 Operator : SY/MD
 Sample : 04351-03
 Misc : 3.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

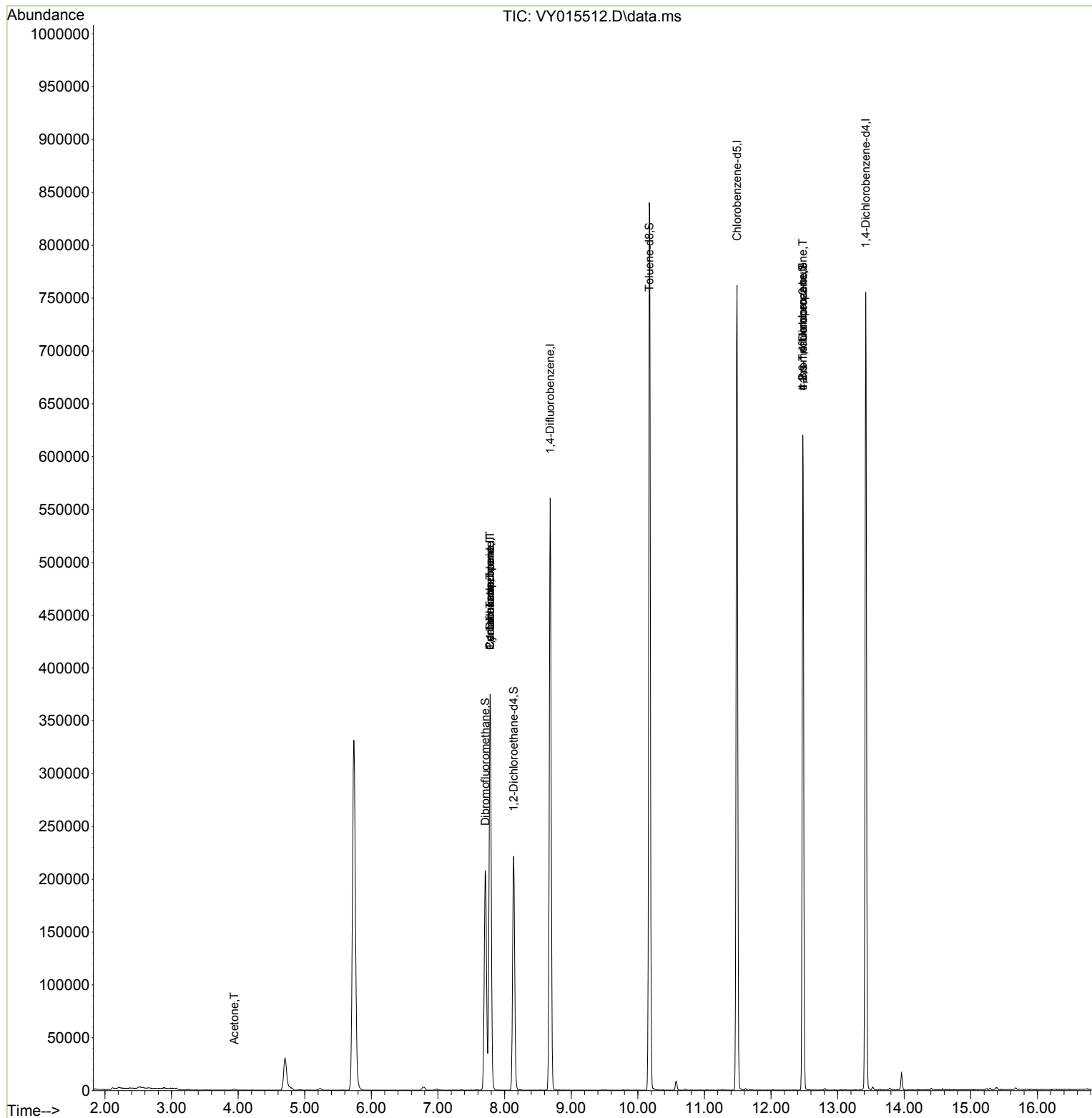
Internal Standards						
1) Pentafluorobenzene	7.783	168	292328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	475159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	423578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	171275	54.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.710	113	148726	54.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.173	98	556723	56.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.477	95	181543	49.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	484	Below Cal	#	89
16) Acetone	3.942	43	2006	1.534	ug/l	99
20) Methylene Chloride	4.704	84	23065	Below Cal		91
31) Cyclohexane	7.783	56	6672	1.199	ug/l #	11
36) 1,1-Dichloropropene	7.783	75	21923	4.562	ug/l #	51
38) Carbon Tetrachloride	7.783	117	28785	5.800	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	97931	38.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	97931	84.328	ug/l #	10

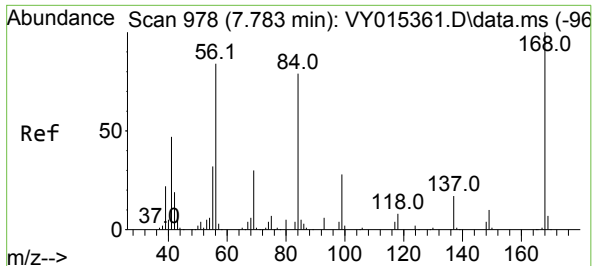
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
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MSVOA_Y
ClientSampleId :

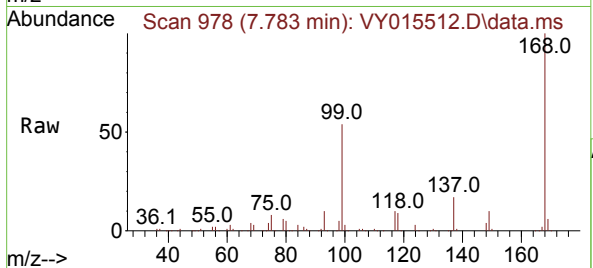
Quant Time: Sep 13 05:54:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



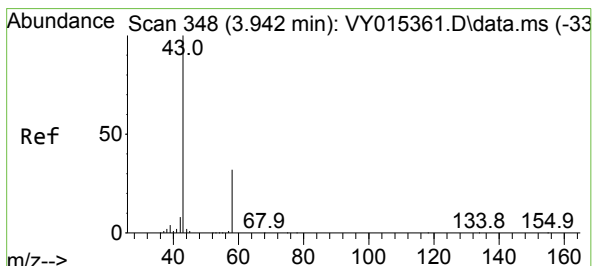
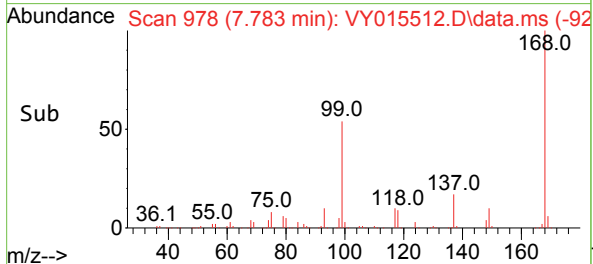
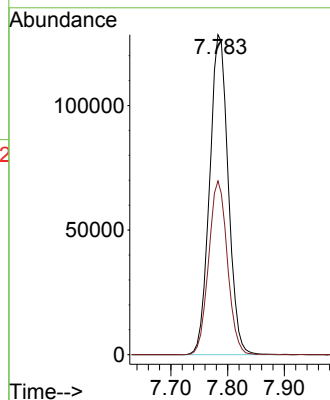


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :

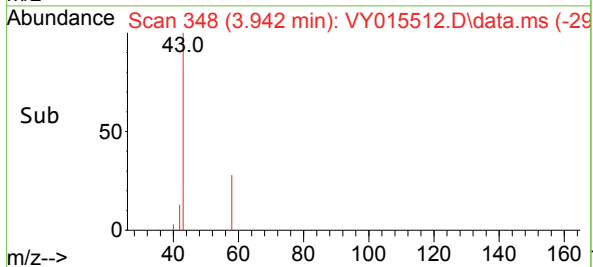
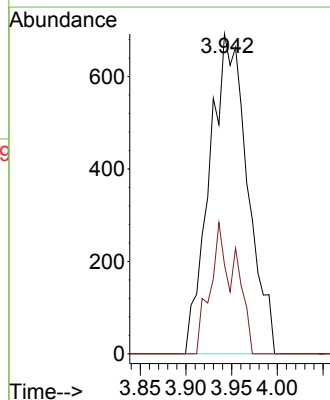
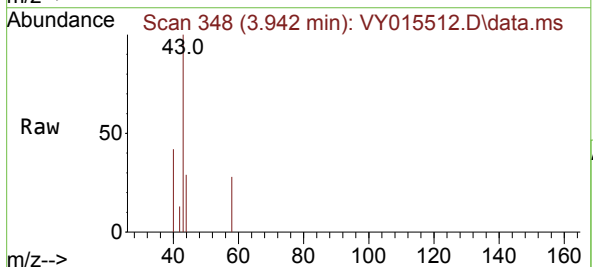


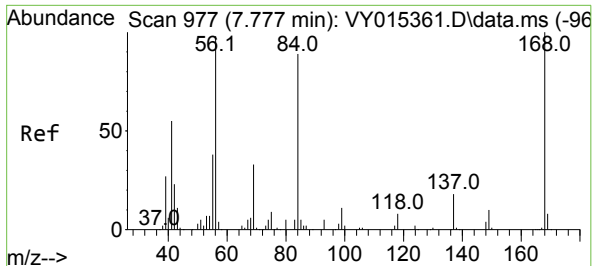
Tgt Ion:168 Resp: 292328
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 1.534 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

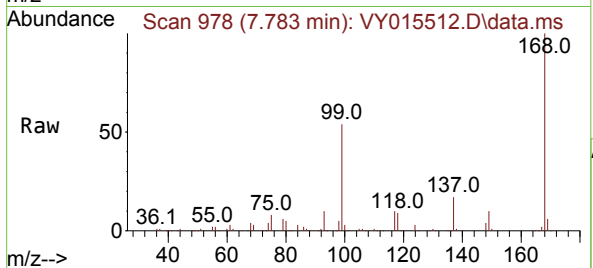
Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
58 27.7 22.7 34.1



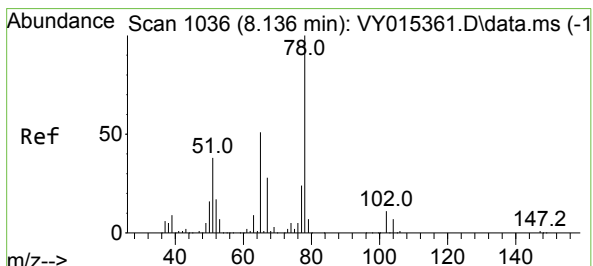
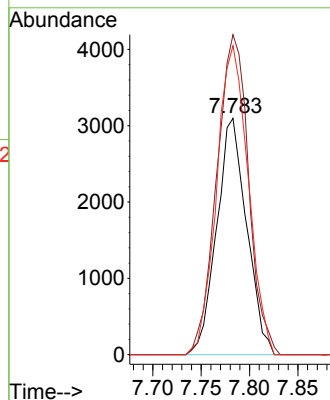
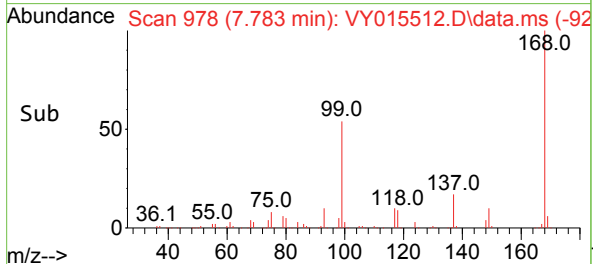


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :

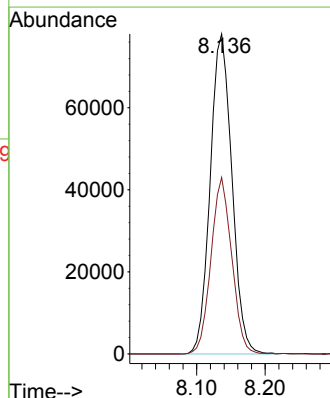
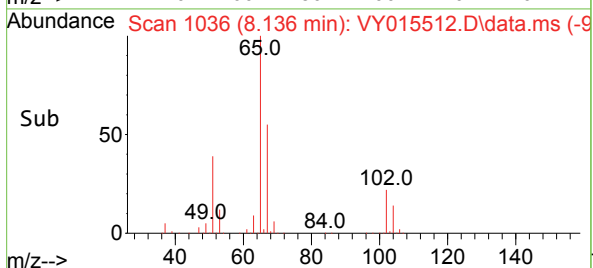
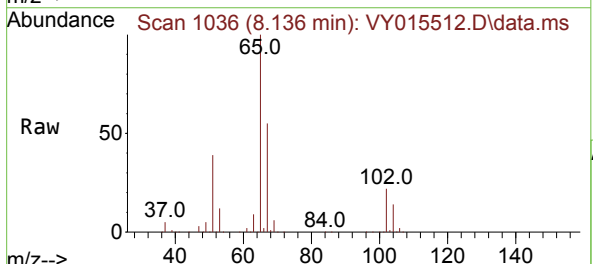


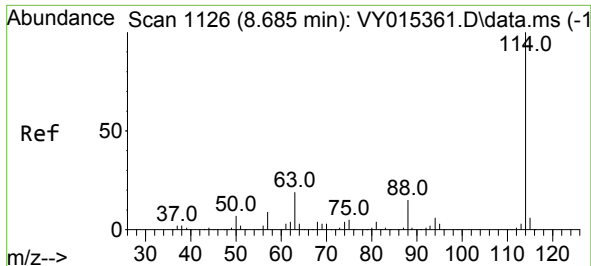
Tgt Ion: 56 Resp: 6672
Ion Ratio Lower Upper
56 100
69 135.4 27.8 41.6#
84 130.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.656 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

Tgt Ion: 65 Resp: 171275
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015512.D

Acq: 12 Sep 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

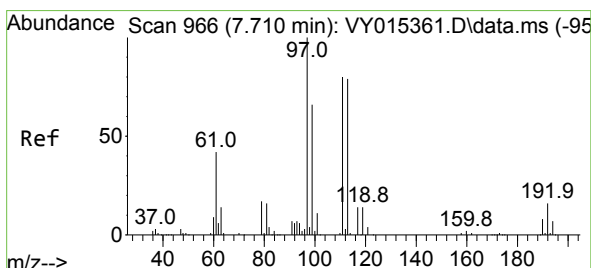
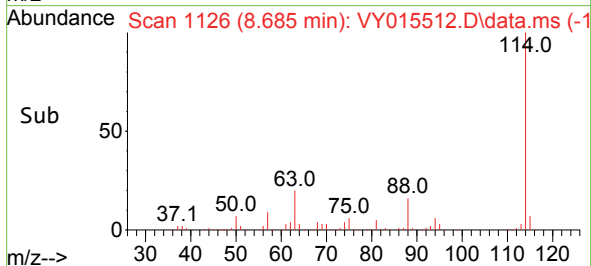
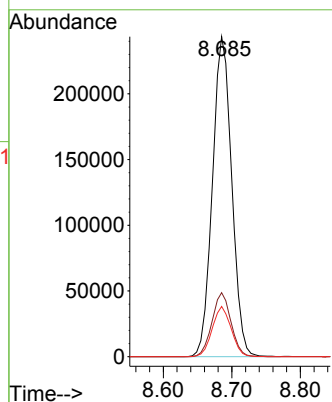
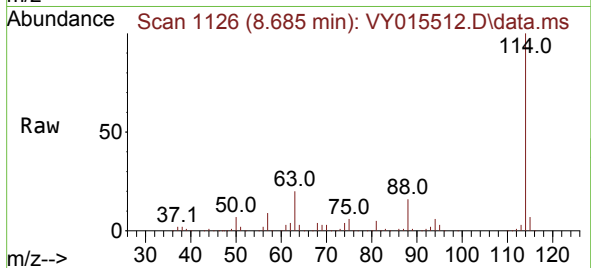
Tgt Ion:114 Resp: 475159

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.343 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015512.D

Acq: 12 Sep 2023 16:58

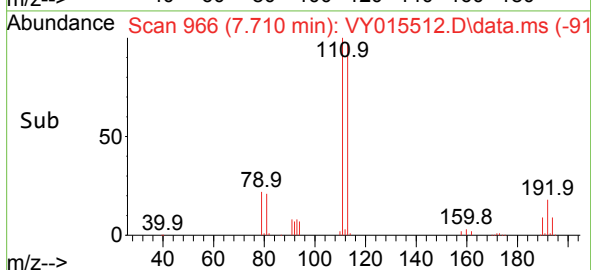
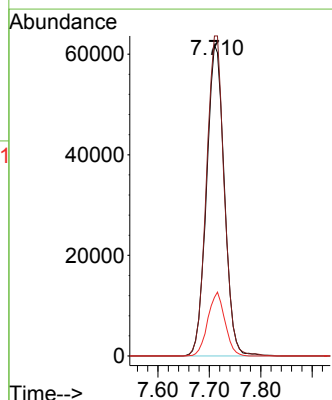
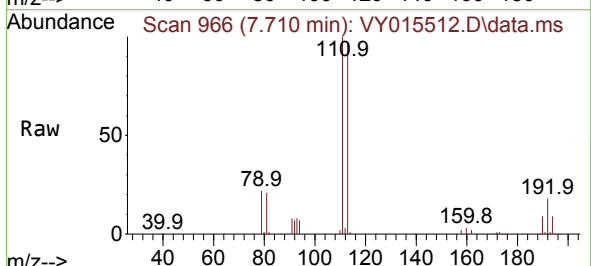
Tgt Ion:113 Resp: 148726

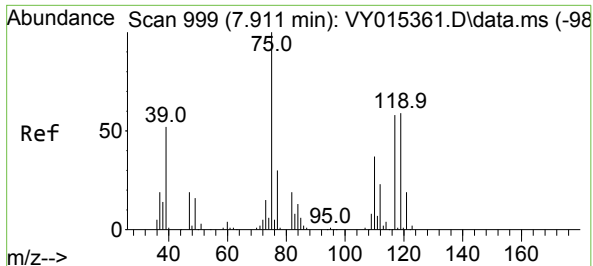
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.7 16.9 25.3

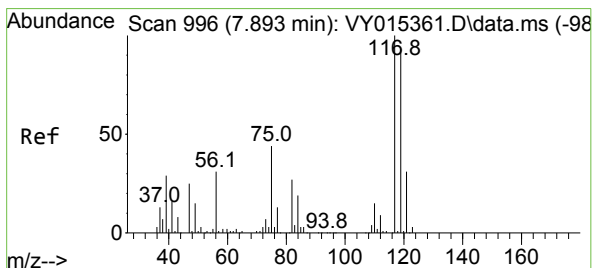
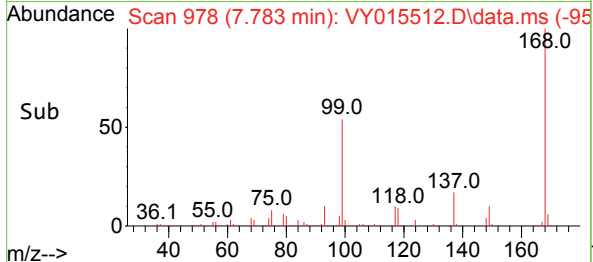
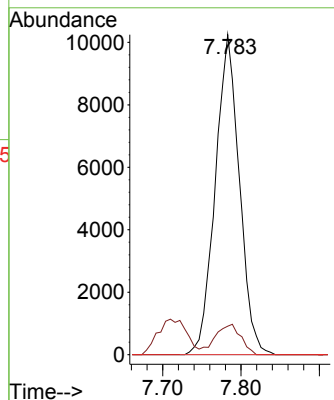
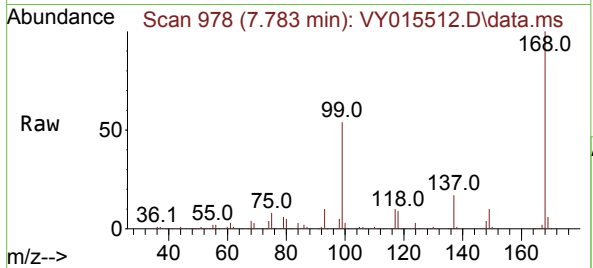




#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

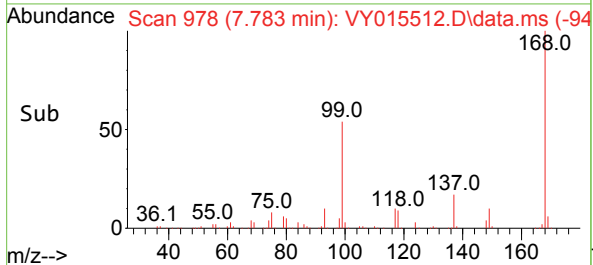
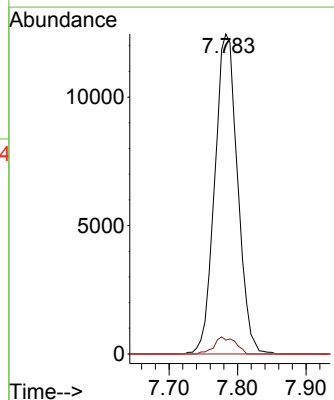
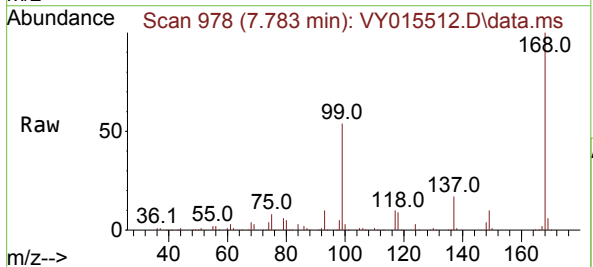
Instrument :
MSVOA_Y
ClientSampleId :

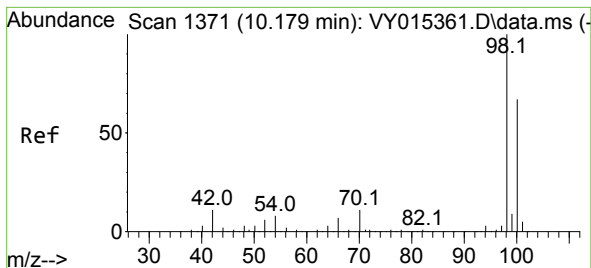
Tgt Ion: 75 Resp: 21923
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.800 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

Tgt Ion: 117 Resp: 28785
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.172 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015512.D

Acq: 12 Sep 2023 16:58

Instrument :

MSVOA_Y

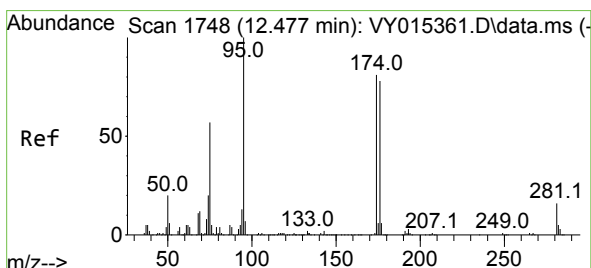
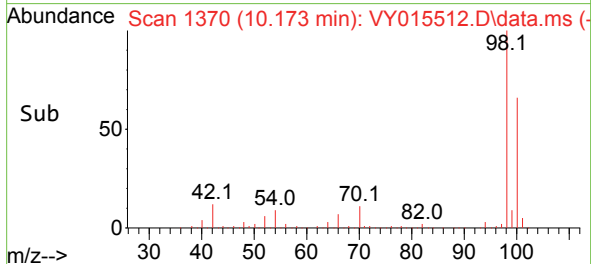
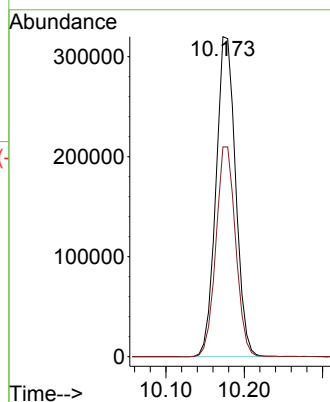
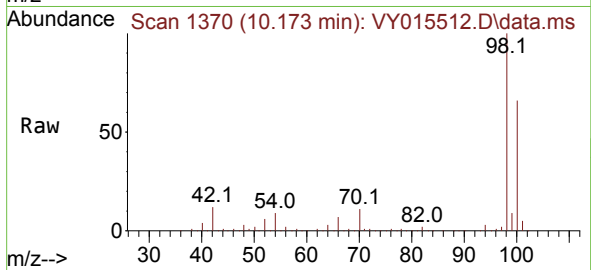
ClientSampleId :

Tgt Ion: 98 Resp: 556723

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.341 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015512.D

Acq: 12 Sep 2023 16:58

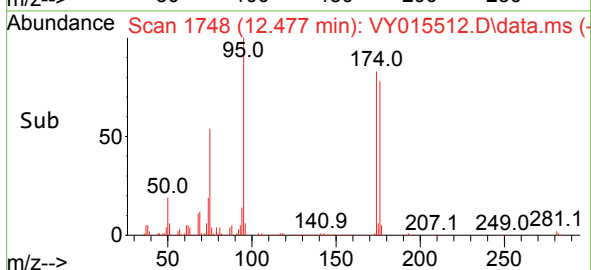
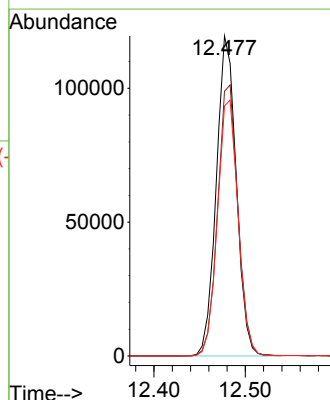
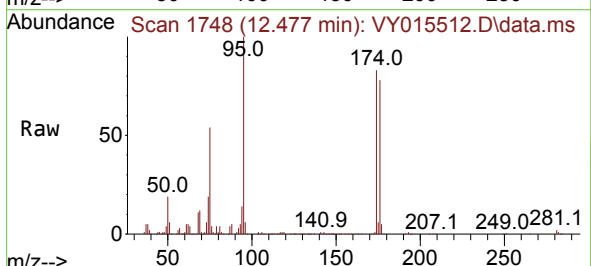
Tgt Ion: 95 Resp: 181543

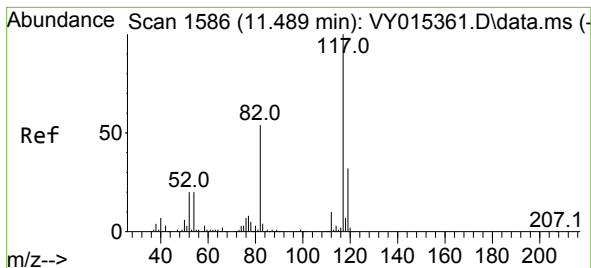
Ion Ratio Lower Upper

95 100

174 86.3 0.0 178.2

176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

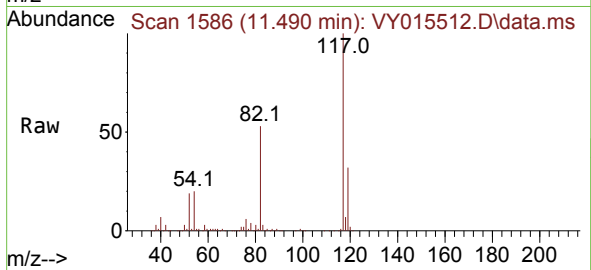
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Acq: 12 Sep 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :



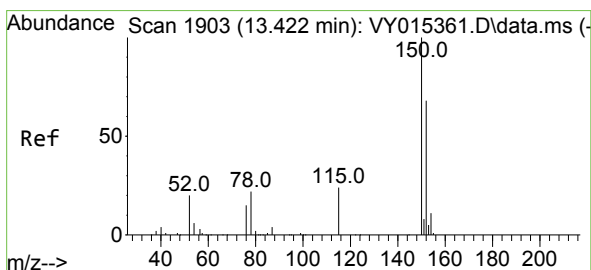
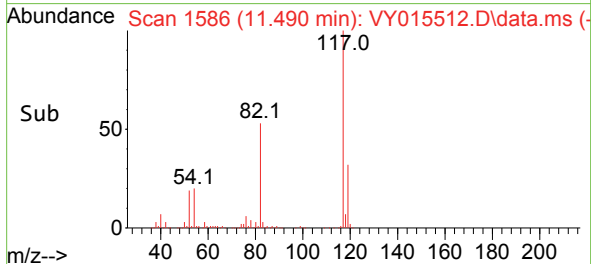
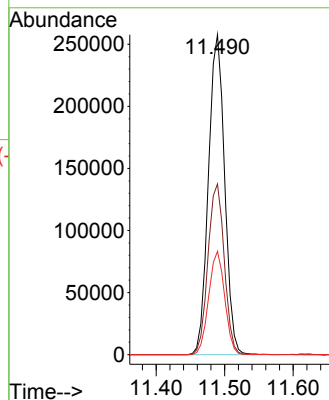
Tgt Ion:117 Resp: 423578

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015512.D

Acq: 12 Sep 2023 16:58

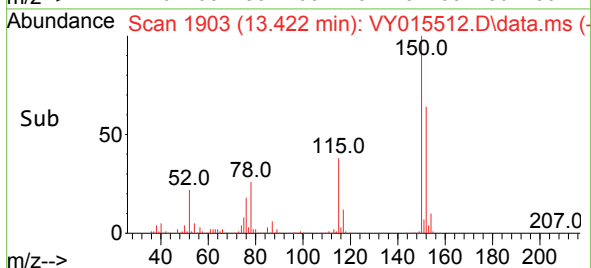
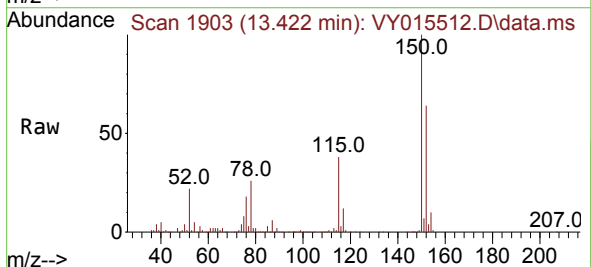
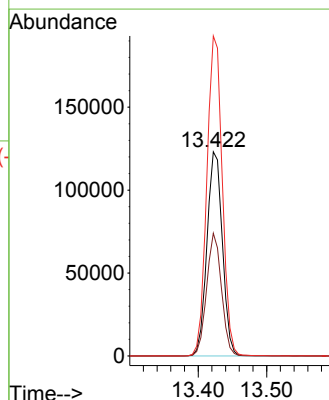
Tgt Ion:152 Resp: 193176

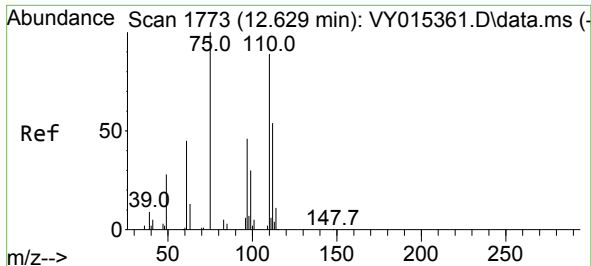
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.7 0.0 348.8

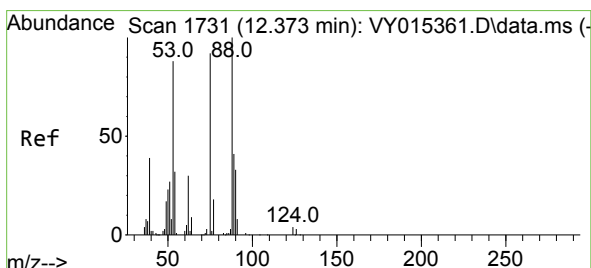
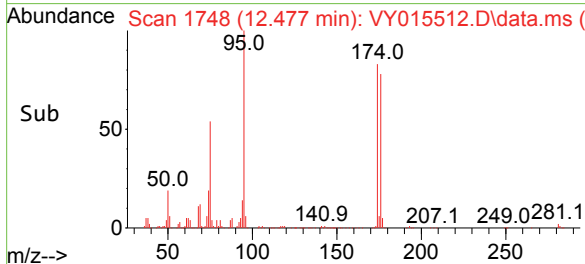
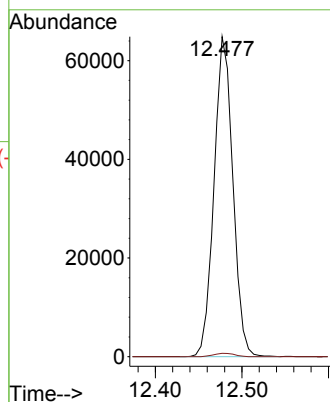
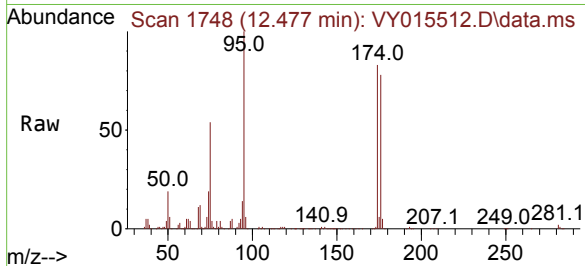




#76
1,2,3-Trichloropropane
Concen: 38.229 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 97931
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.328 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015512.D
Acq: 12 Sep 2023 16:58

Tgt Ion: 75 Resp: 97931
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

