

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012875.D
 Acq On : 08 Mar 2023 16:49
 Operator : KP/MD
 Sample : 01829-05
 Misc : 5.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-05-20230306

Quant Time: Mar 09 00:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

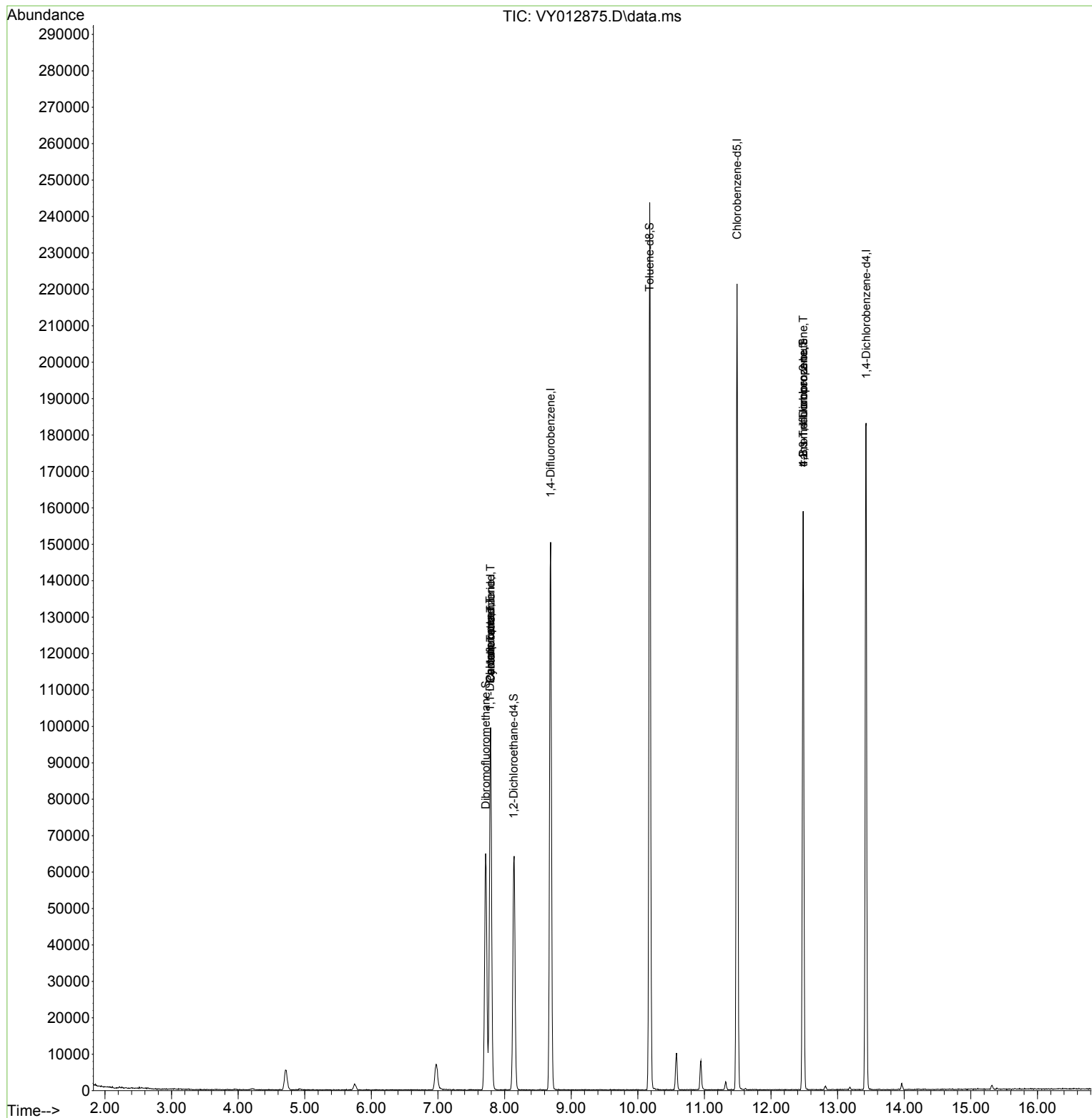
Internal Standards						
1) Pentafluorobenzene	7.789	168	78027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50388	65.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.080%
35) Dibromofluoromethane	7.716	113	44393	57.051	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.100%
50) Toluene-d8	10.179	98	156943	55.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.483	95	43611	45.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.840%
Target Compounds						
11) Tert butyl alcohol	4.942	59	337	Below Cal	#	74
20) Methylene Chloride	4.716	84	4233	Below Cal		94
31) Cyclohexane	7.789	56	1776	1.197	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	5874	4.505	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7396	5.493	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	22719	39.209	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22719	81.243	ug/l #	13

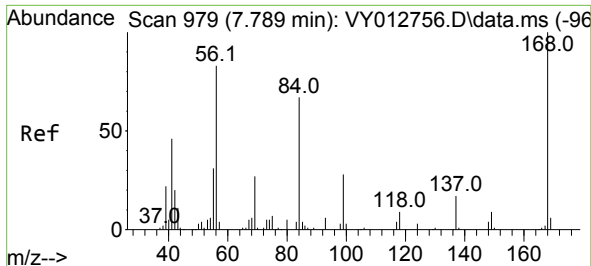
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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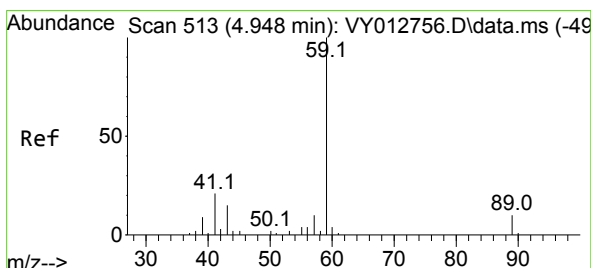
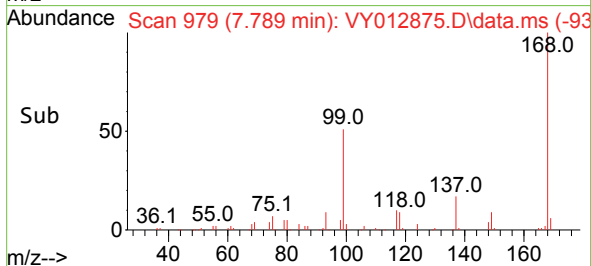
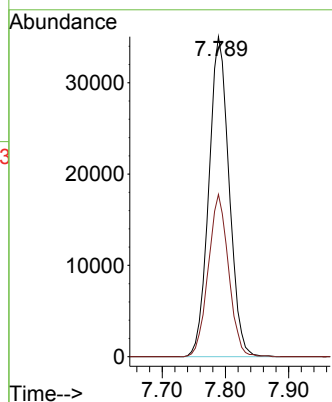
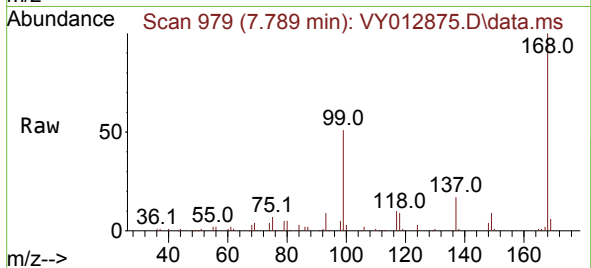




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

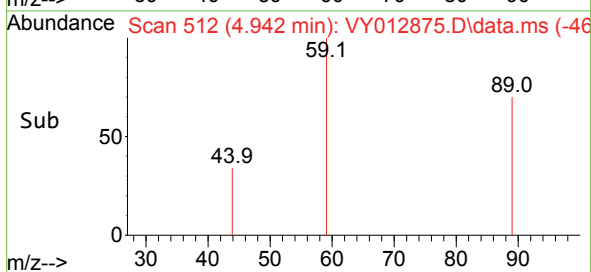
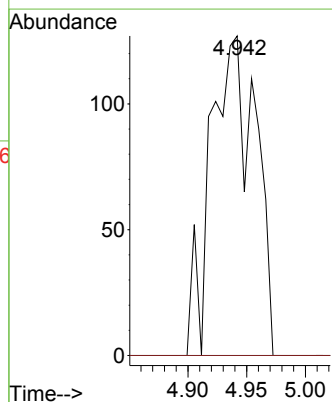
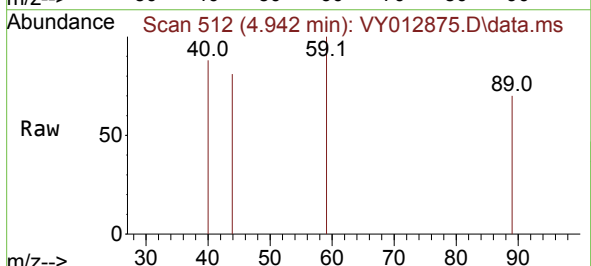
Instrument :
MSVOA_Y
ClientSampleId :
SS-05-20230306

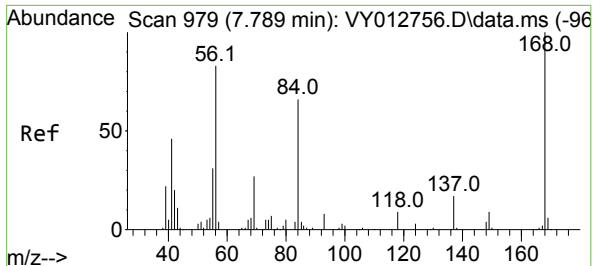
Tgt Ion:168 Resp: 78027
Ion Ratio Lower Upper
168 100
99 50.7 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

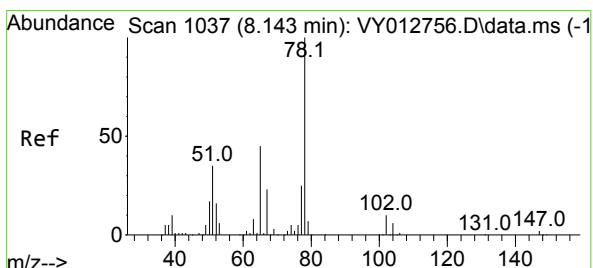
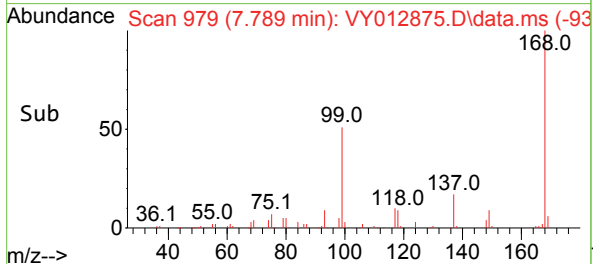
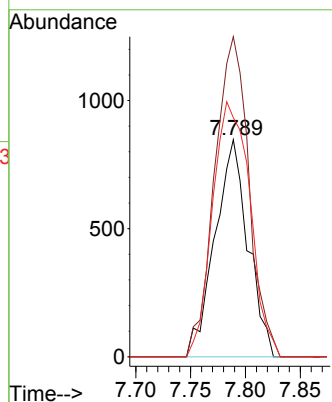
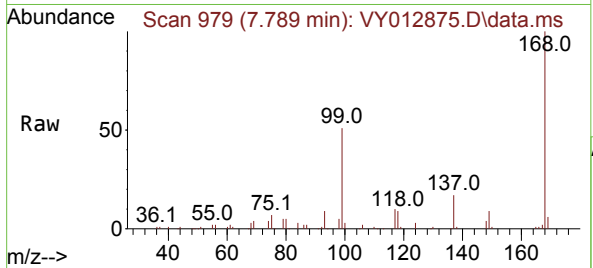




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

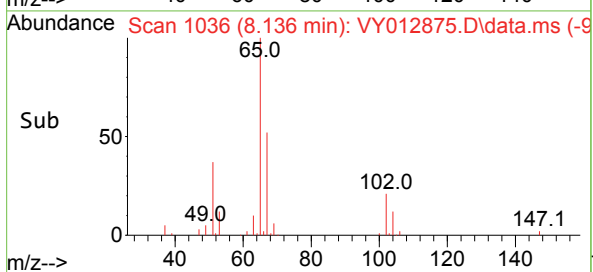
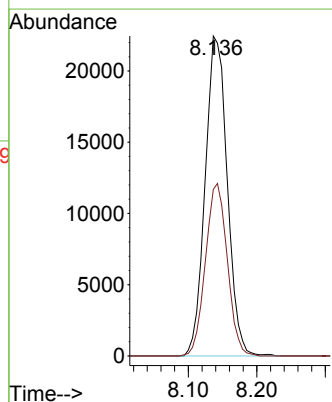
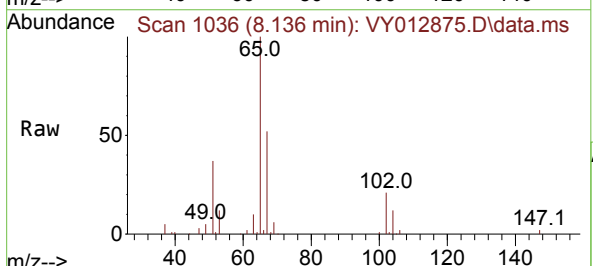
Instrument :
MSVOA_Y
ClientSampleId :
SS-05-20230306

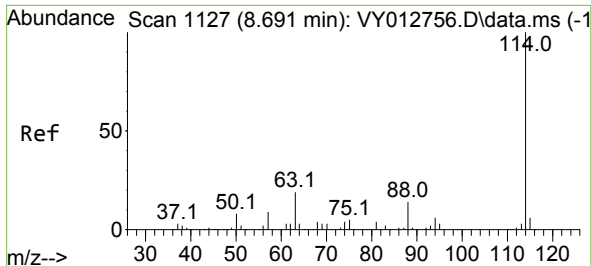
Tgt Ion: 56 Resp: 1776
Ion Ratio Lower Upper
56 100
69 147.5 25.7 38.5#
84 110.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.041 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

Tgt Ion: 65 Resp: 50388
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012875.D

Acq: 08 Mar 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

SS-05-20230306

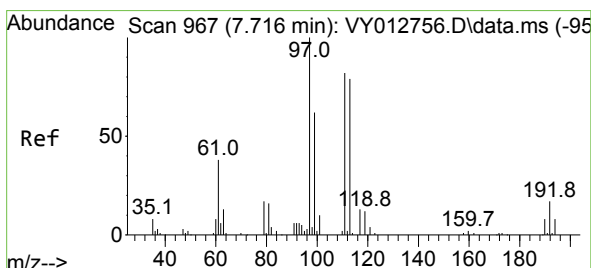
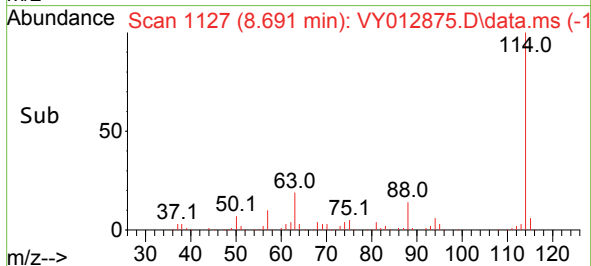
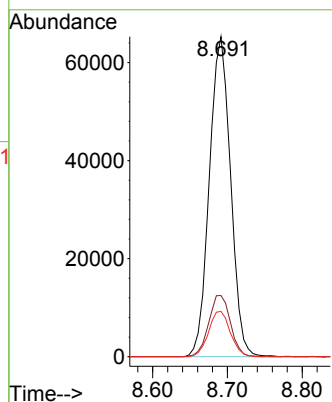
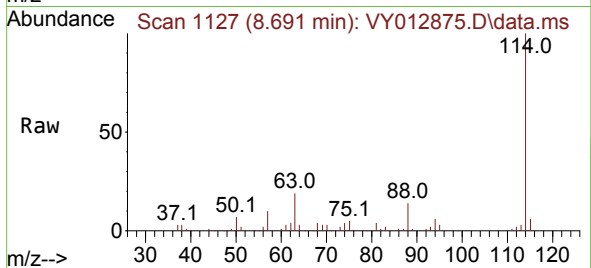
Tgt Ion:114 Resp: 128936

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.051 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012875.D

Acq: 08 Mar 2023 16:49

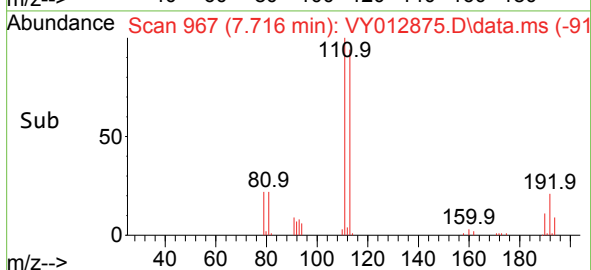
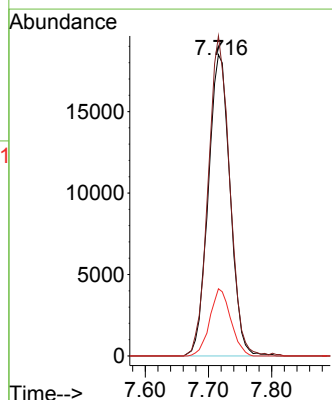
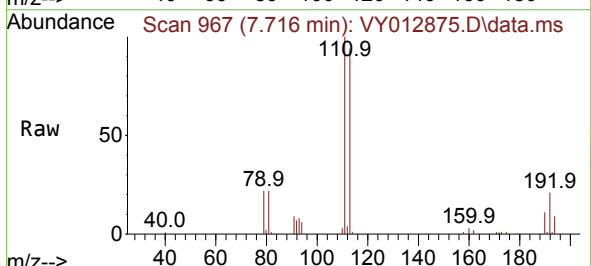
Tgt Ion:113 Resp: 44393

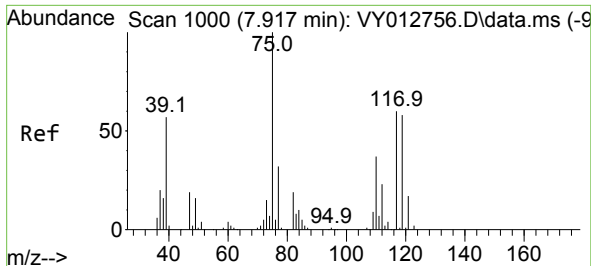
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

192 21.4 16.8 25.2

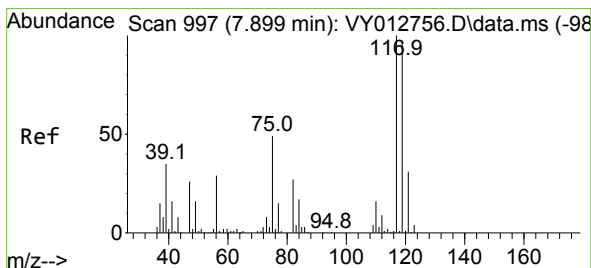
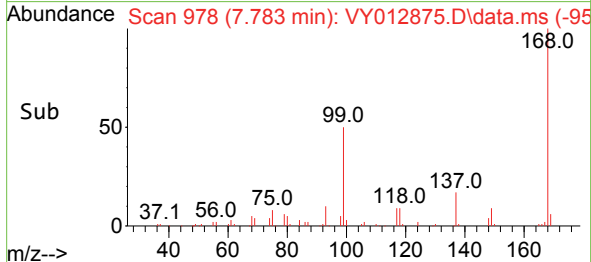
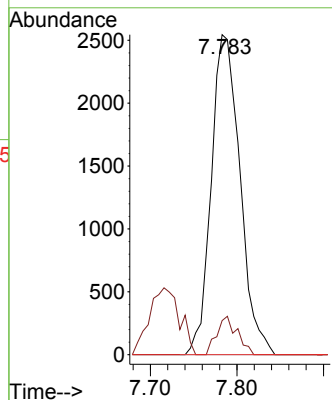
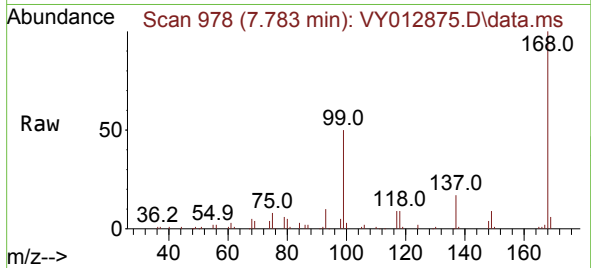




#36
 1,1-Dichloropropene
 Concen: 4.505 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY012875.D
 Acq: 08 Mar 2023 16:49

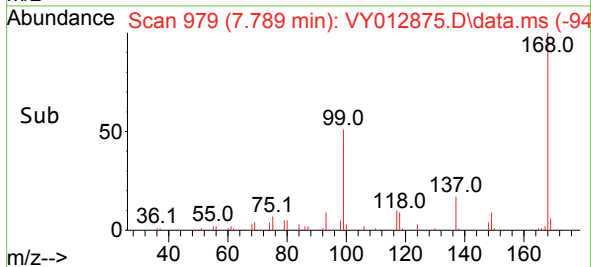
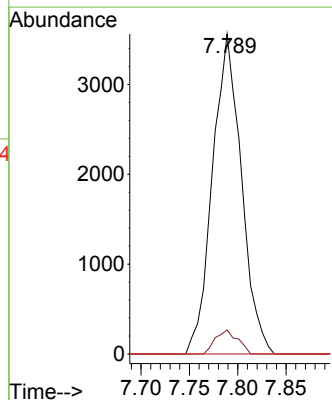
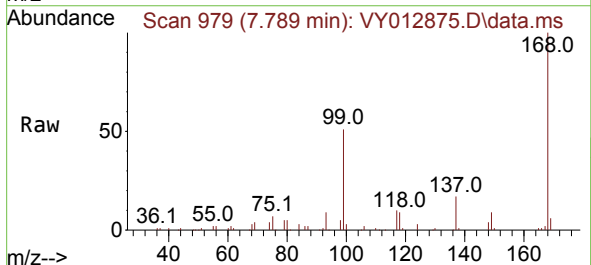
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-05-20230306

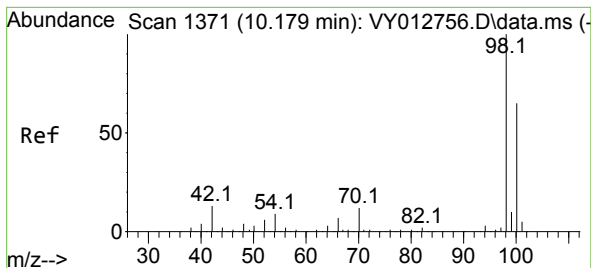
Tgt Ion: 75 Resp: 5874
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.493 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY012875.D
 Acq: 08 Mar 2023 16:49

Tgt Ion: 117 Resp: 7396
 Ion Ratio Lower Upper
 117 100
 119 7.5 77.2 115.8#
 121 0.0 24.7 37.1#

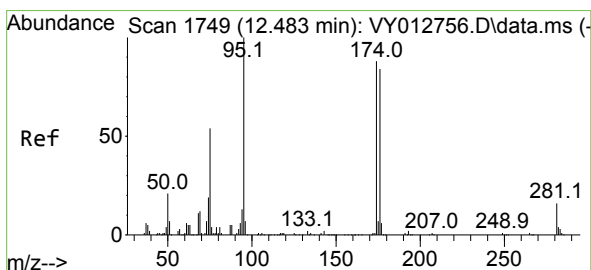
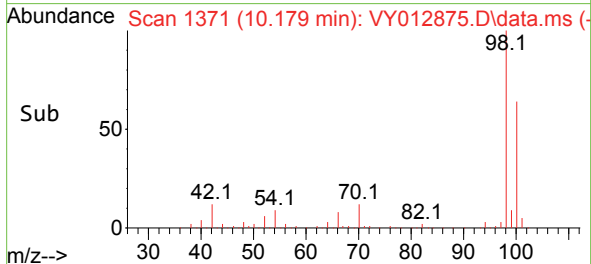
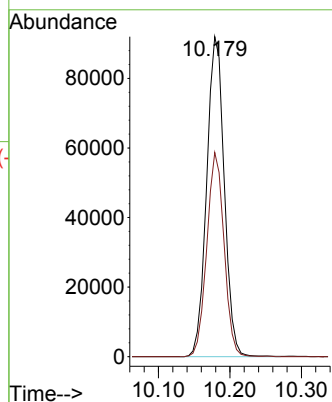
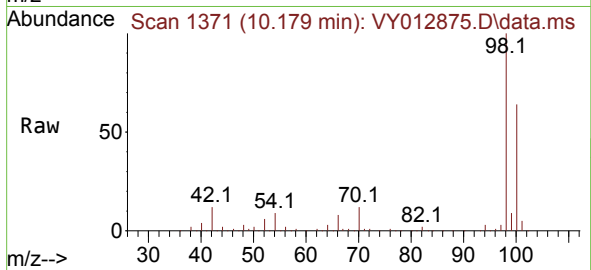




#50
Toluene-d8
Concen: 55.171 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

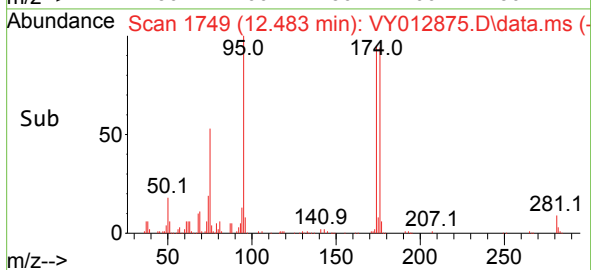
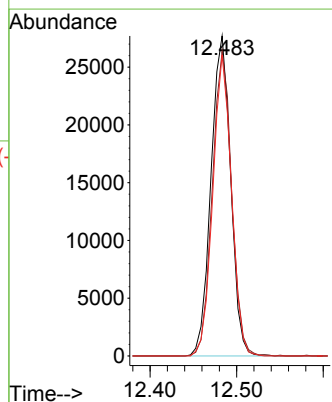
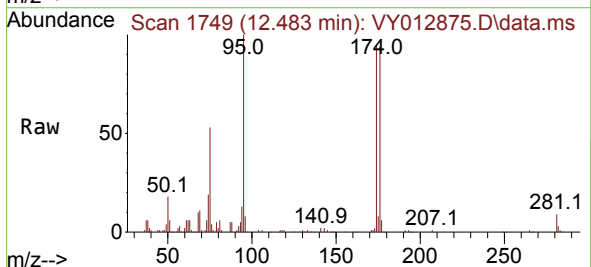
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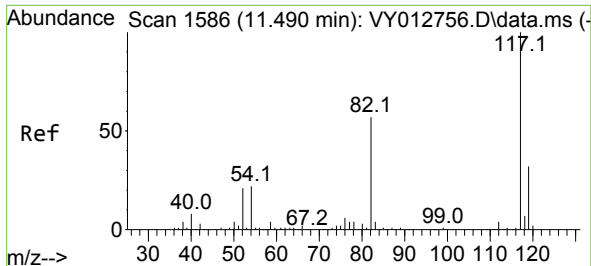
Tgt Ion: 98 Resp: 156943
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

Tgt Ion: 95 Resp: 43611
Ion Ratio Lower Upper
95 100
174 93.7 0.0 176.6
176 89.4 0.0 170.2

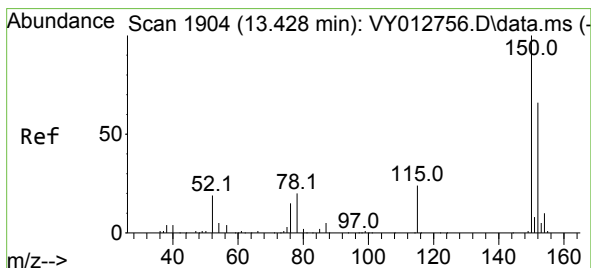
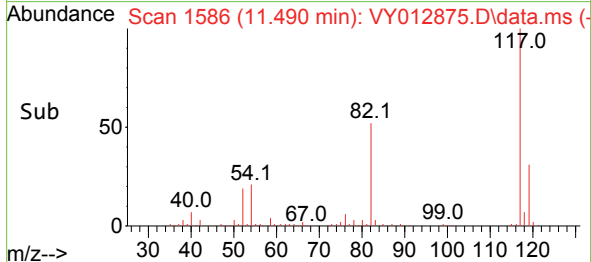
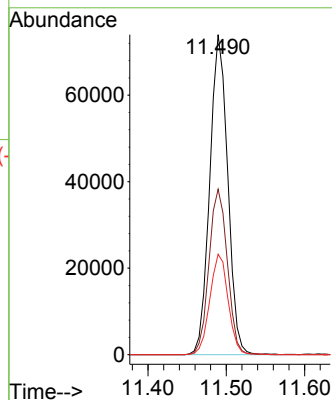
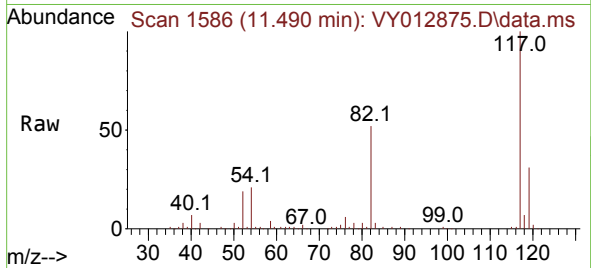




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117856
Delta R.T. -0.000 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

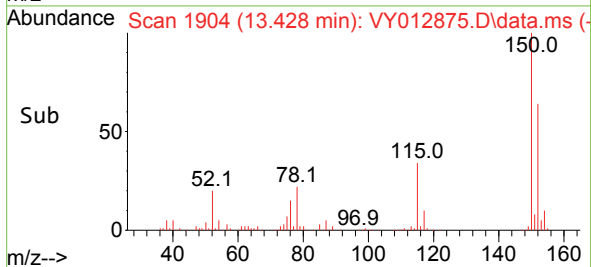
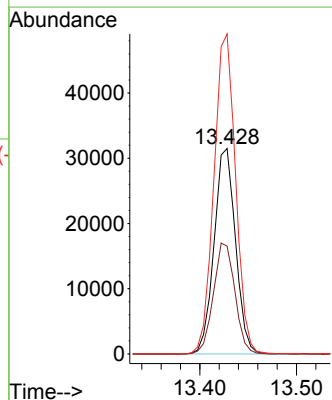
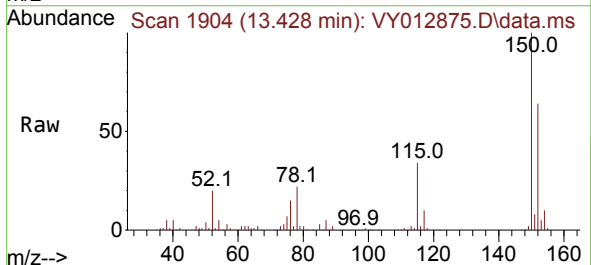
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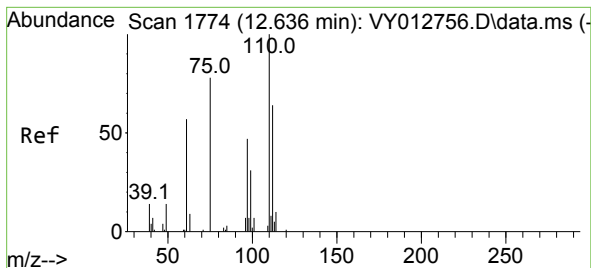
Tgt Ion:117 Resp: 117856
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012875.D
Acq: 08 Mar 2023 16:49

Tgt Ion:152 Resp: 48522
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.3
150 157.0 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 39.209 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012875.D

Acq: 08 Mar 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

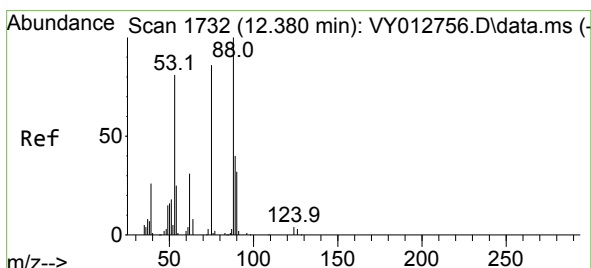
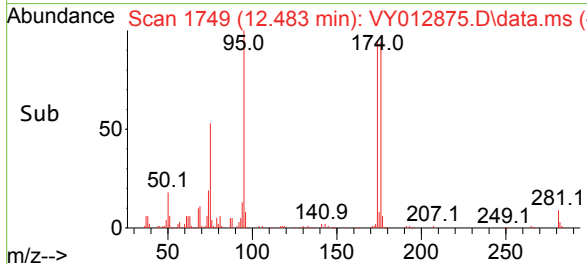
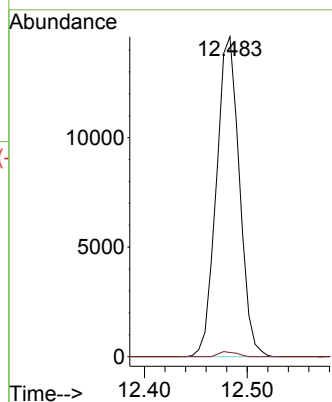
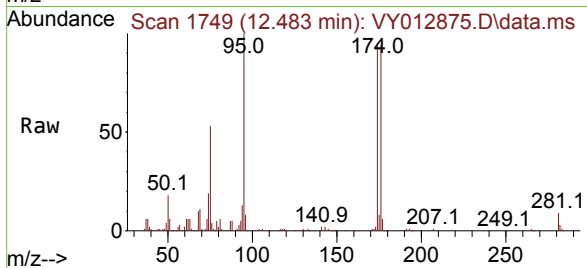
SS-05-20230306

Tgt Ion: 75 Resp: 22719

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.243 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY012875.D

Acq: 08 Mar 2023 16:49

Tgt Ion: 75 Resp: 22719

Ion Ratio Lower Upper

75 100

53 0.2 73.4 110.0#

89 0.0 36.6 55.0#

