

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012781.D
 Acq On : 02 Mar 2023 23:48
 Operator : KP/MD
 Sample : 01742-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251669

Quant Time: Mar 03 02:03:12 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)

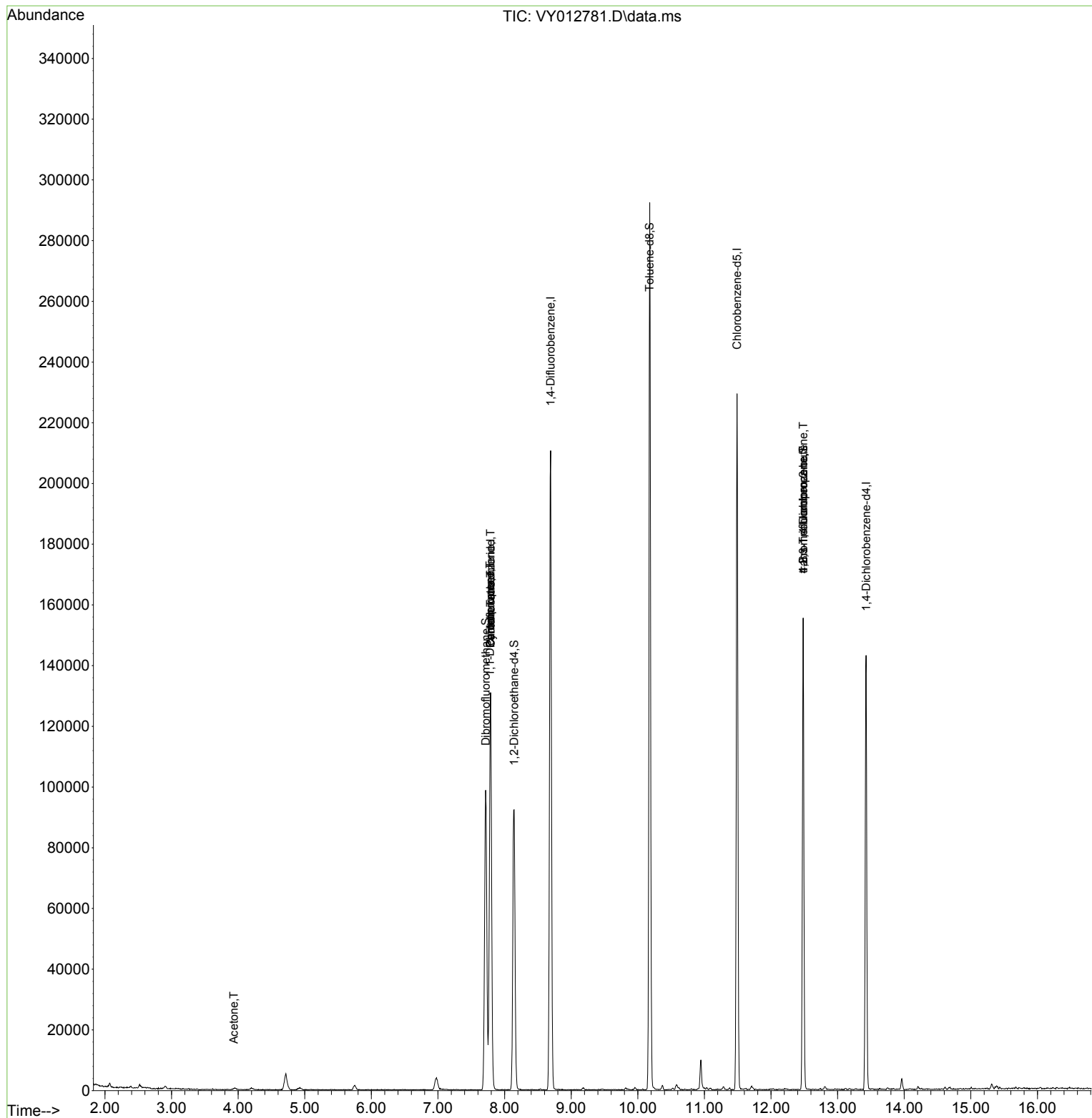
Internal Standards						
1) Pentafluorobenzene	7.789	168	102935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	120302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73929	72.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.680%	
35) Dibromofluoromethane	7.716	113	68782	63.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.900%	
50) Toluene-d8	10.179	98	183107	46.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.400%	
62) 4-Bromofluorobenzene	12.483	95	42830	32.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 64.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	481	Below Cal	#	74
16) Acetone	3.936	43	1084	2.702	ug/l	92
20) Methylene Chloride	4.716	84	3530	Below Cal		96
31) Cyclohexane	7.789	56	2260	1.155	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	7856	4.324	ug/l	# 48
38) Carbon Tetrachloride	7.789	117	10004	5.333	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	23010	51.653	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	23010	107.027	ug/l	# 13

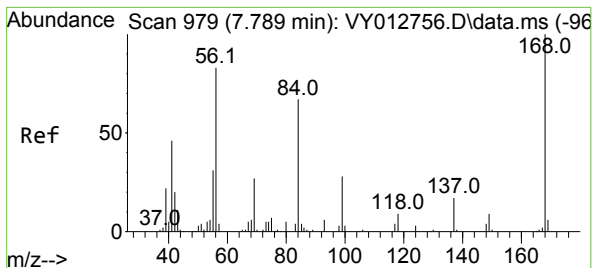
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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RBR251669

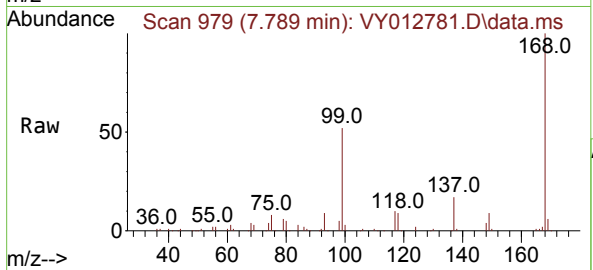
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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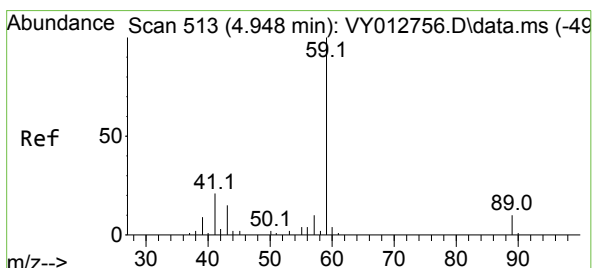
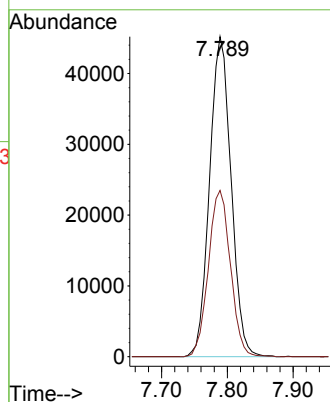
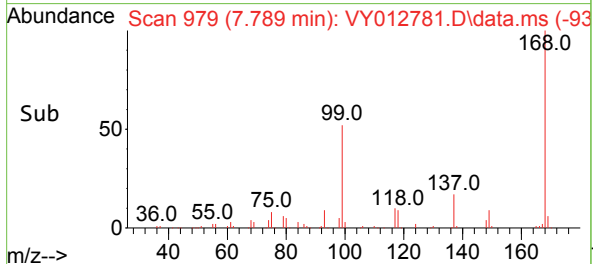


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Instrument :
MSVOA_Y
ClientSampleId :
RBR251669

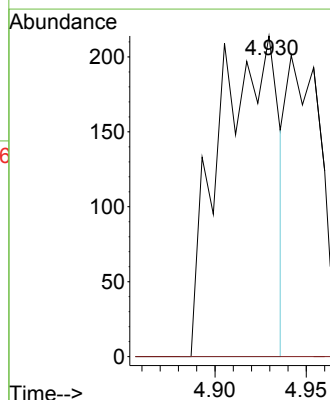
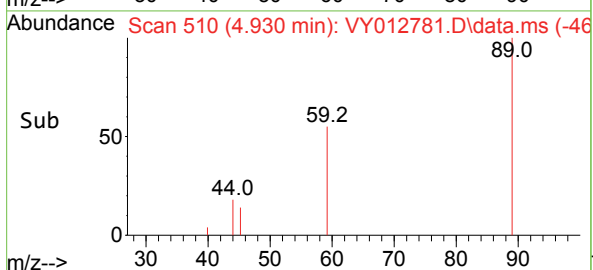
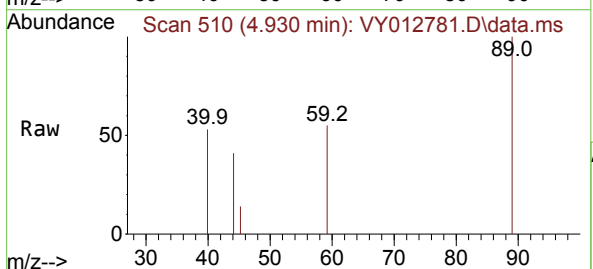


Tgt Ion:168 Resp: 102935
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.702 ug/l

RT: 3.936 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY012781.D

Acq: 02 Mar 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

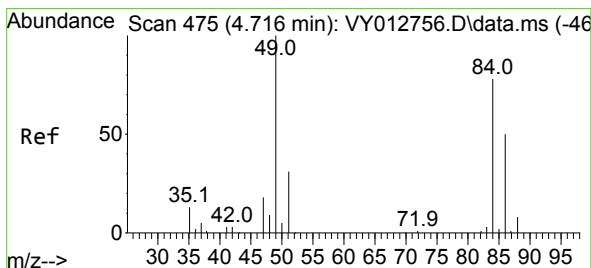
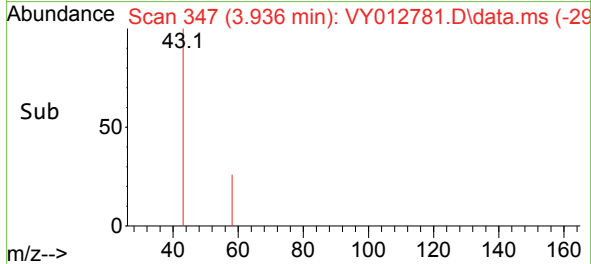
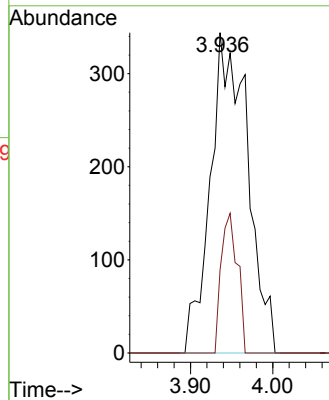
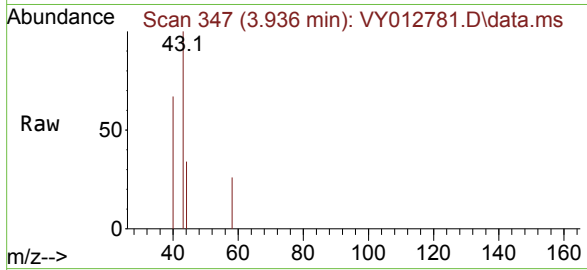
RBR251669

Tgt Ion: 43 Resp: 1084

Ion Ratio Lower Upper

43 100

58 25.9 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012781.D

Acq: 02 Mar 2023 23:48

Tgt Ion: 84 Resp: 3530

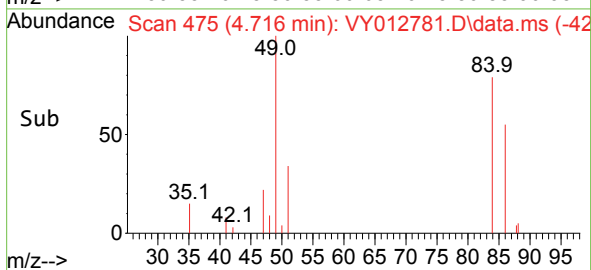
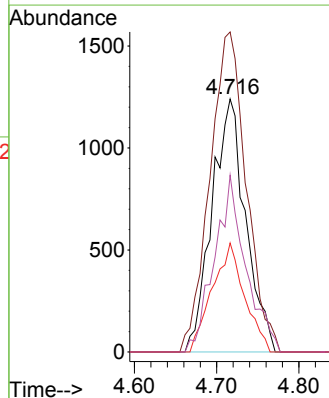
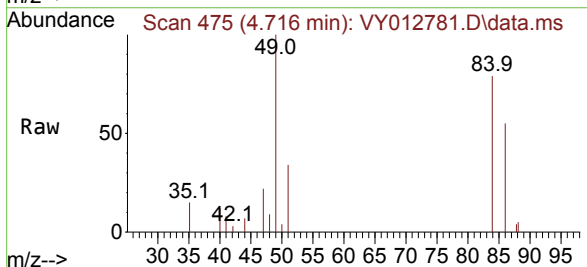
Ion Ratio Lower Upper

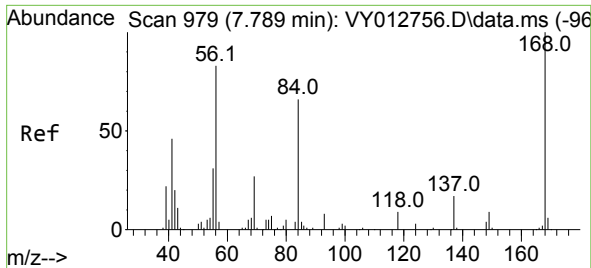
84 100

49 126.5 102.6 154.0

51 43.1 31.9 47.9

86 69.9 51.0 76.6

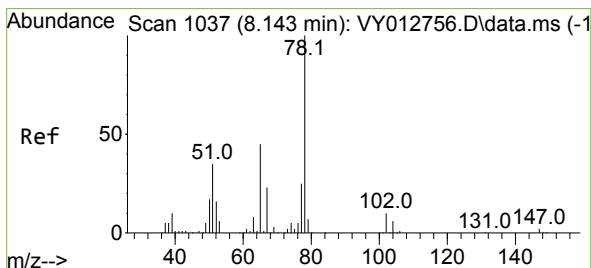
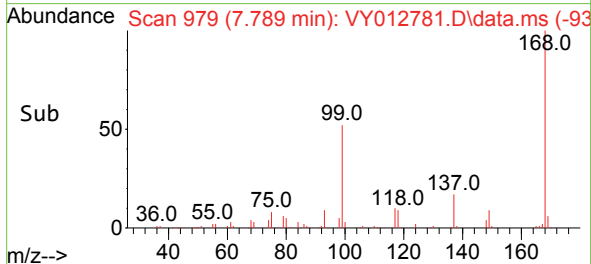
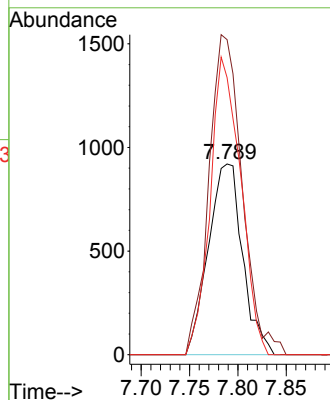
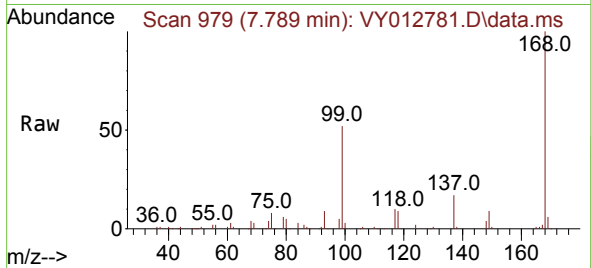




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

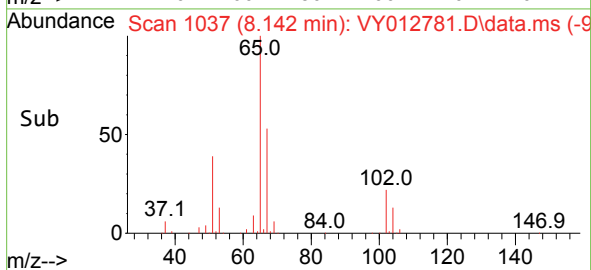
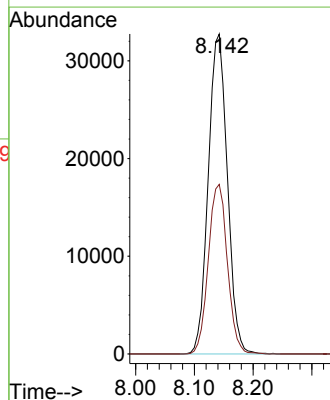
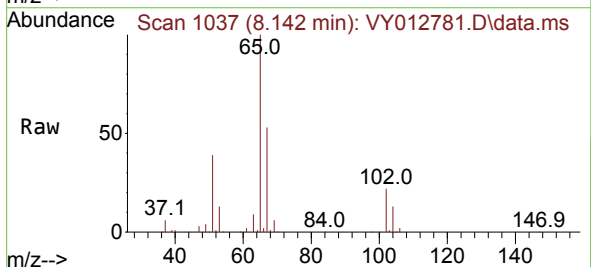
Instrument :
MSVOA_Y
ClientSampleId :
RBR251669

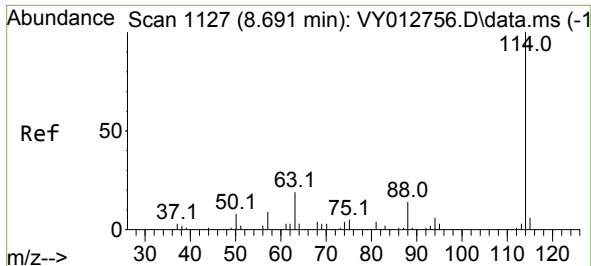
Tgt Ion: 56 Resp: 2260
Ion Ratio Lower Upper
56 100
69 165.2 25.7 38.5#
84 145.3 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 72.337 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion: 65 Resp: 73929
Ion Ratio Lower Upper
65 100
67 52.9 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: VY012781.D

Acq: 02 Mar 2023 23:48

Instrument :

MSVOA_Y

ClientSampleId :

RBR251669

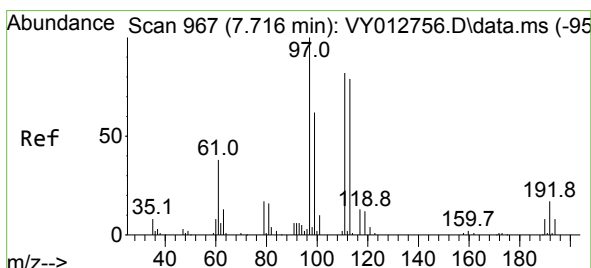
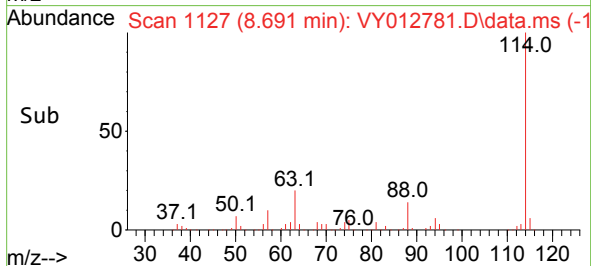
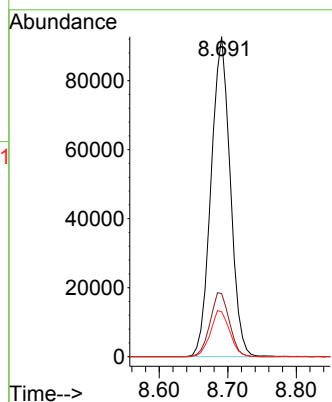
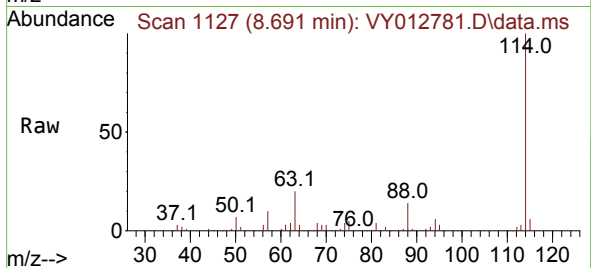
Tgt Ion:114 Resp: 179630

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 63.448 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012781.D

Acq: 02 Mar 2023 23:48

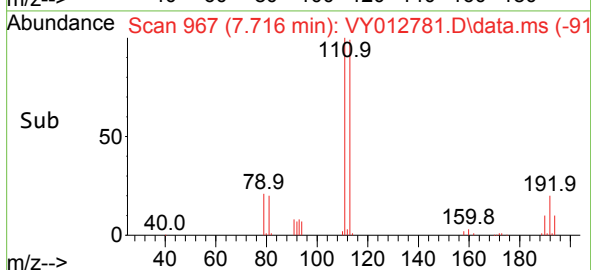
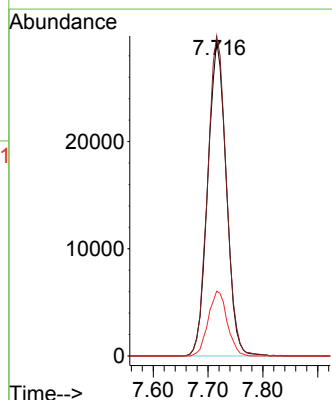
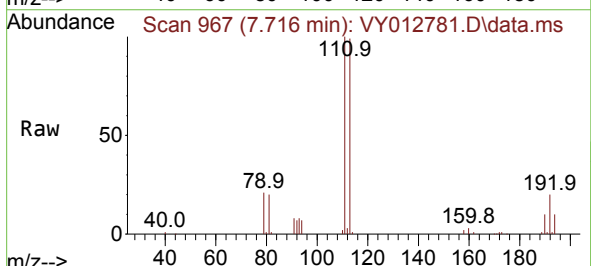
Tgt Ion:113 Resp: 68782

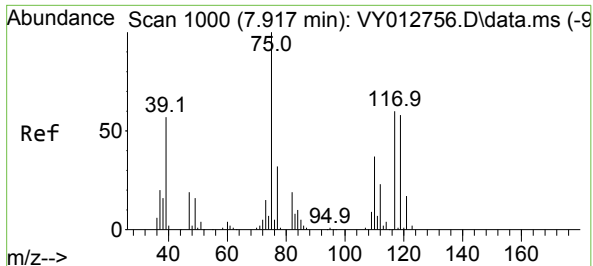
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 21.0 16.8 25.2

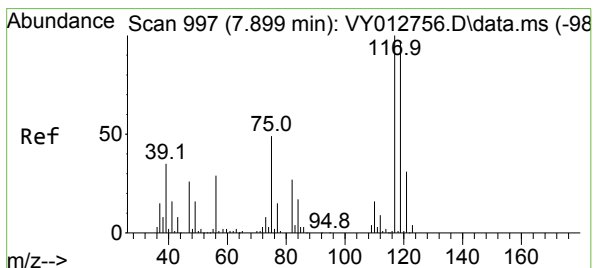
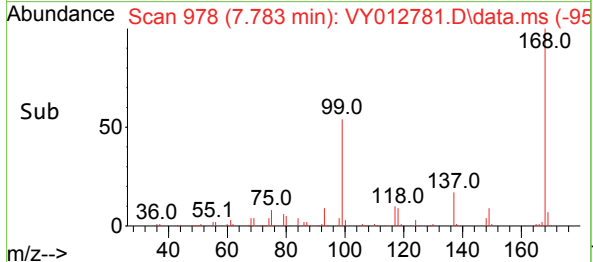
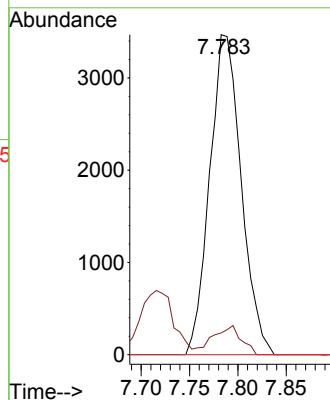
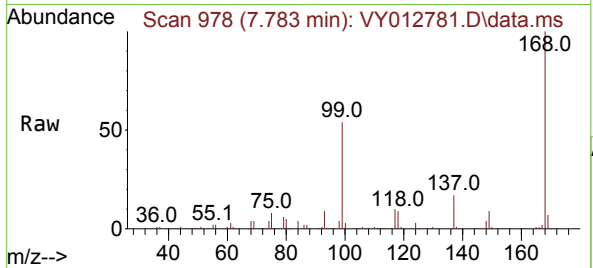




#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

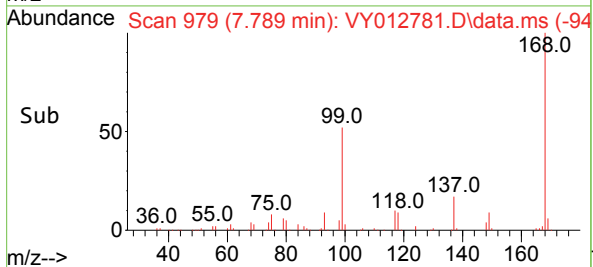
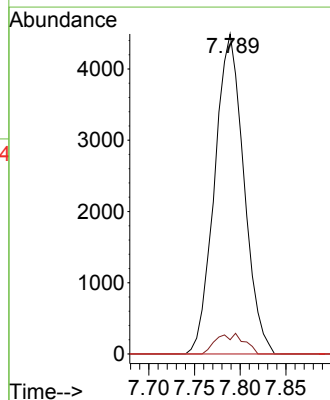
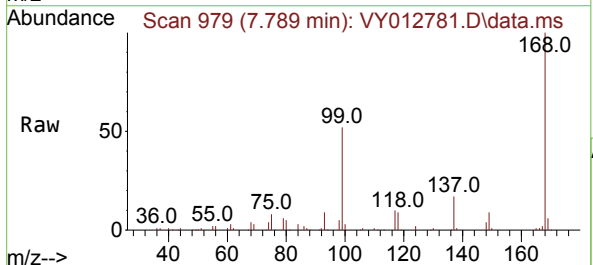
Instrument :
MSVOA_Y
ClientSampleId :
RBR251669

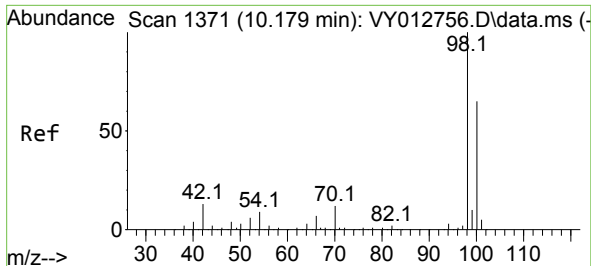
Tgt Ion: 75 Resp: 7856
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.333 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion:117 Resp: 10004
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 24.7 37.1#

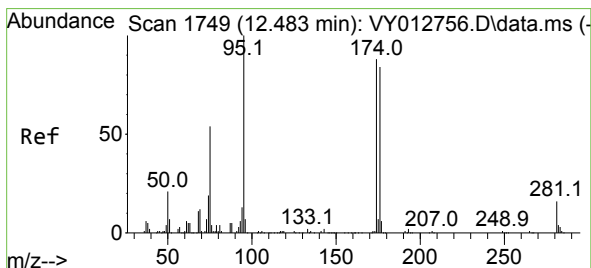
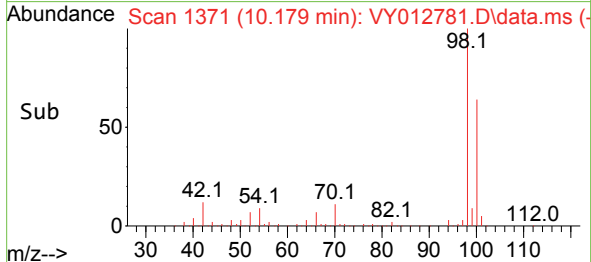
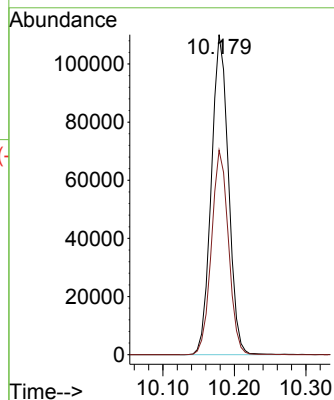
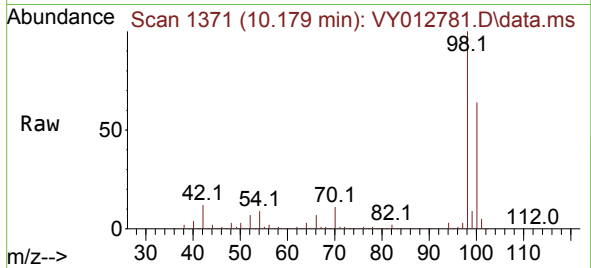




#50
Toluene-d8
Concen: 46.203 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

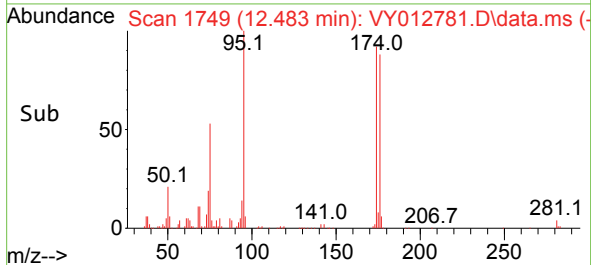
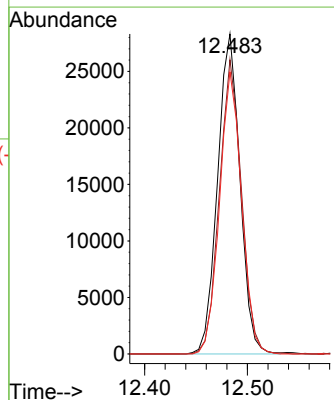
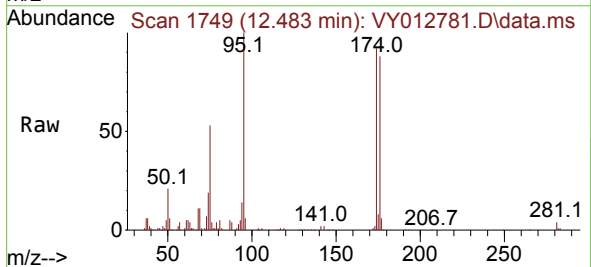
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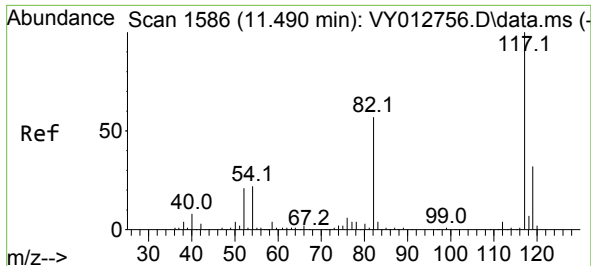
Tgt Ion: 98 Resp: 183107
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 32.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion: 95 Resp: 42830
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 86.8 0.0 170.2

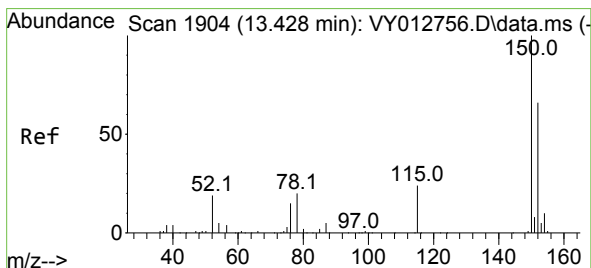
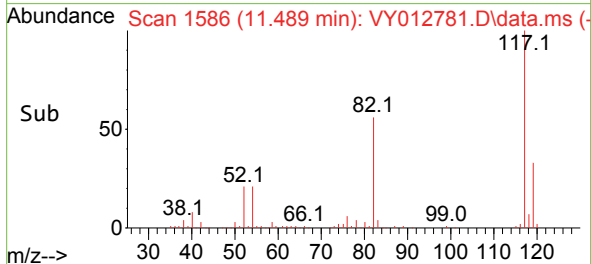
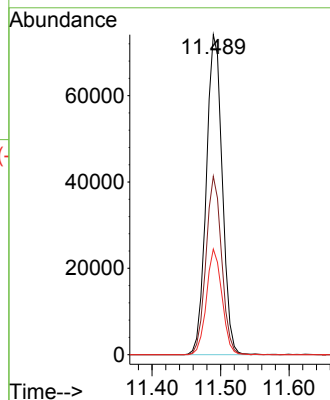
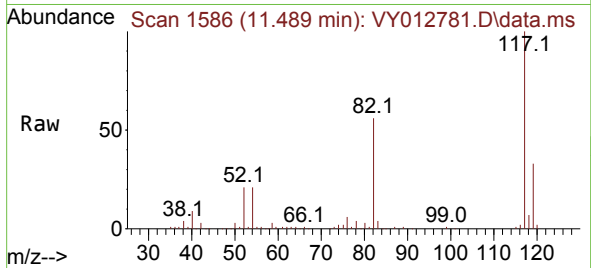




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

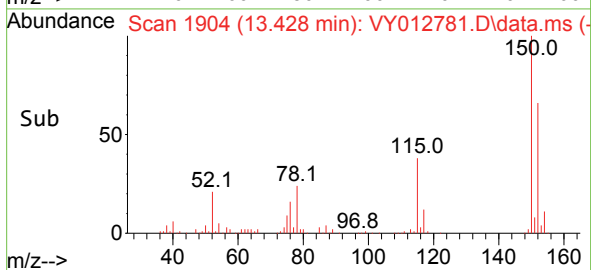
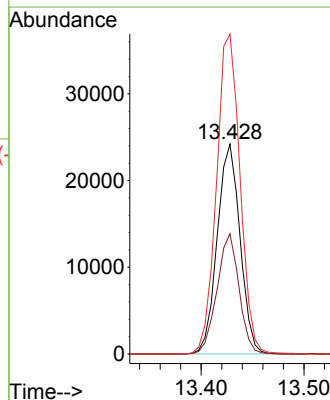
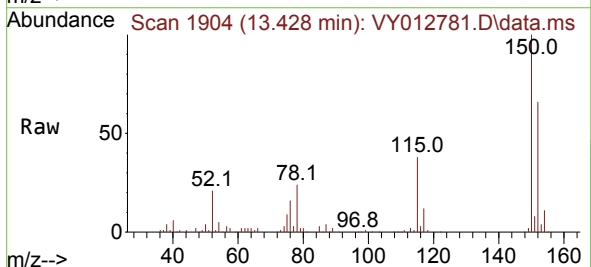
Instrument :
MSVOA_Y
ClientSampleId :
RBR251669

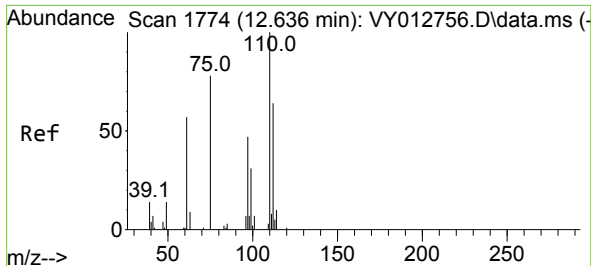
Tgt Ion:117 Resp: 120302
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion:152 Resp: 37304
Ion Ratio Lower Upper
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115 55.3 27.1 81.3
150 157.2 0.0 347.8

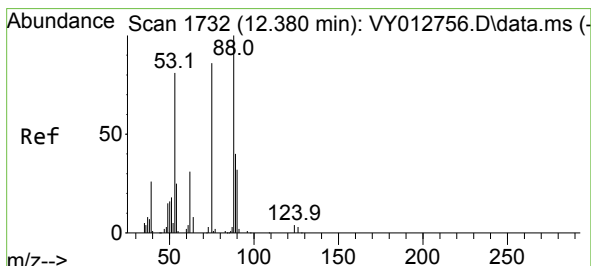
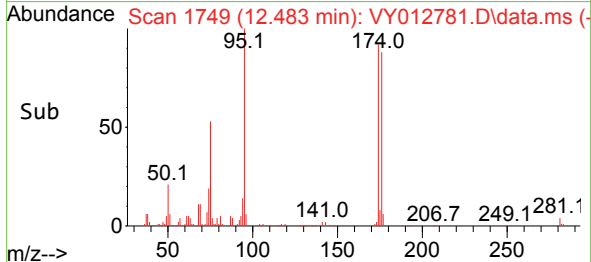
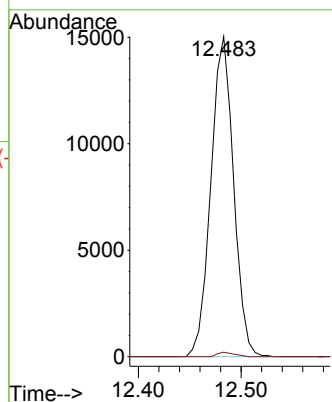
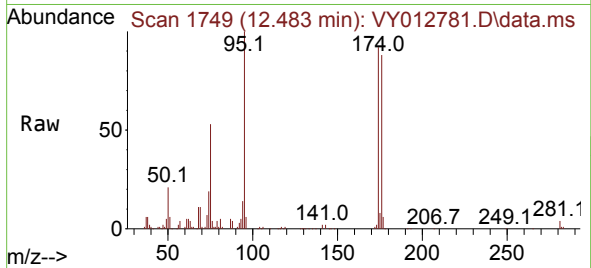




#76
1,2,3-Trichloropropane
Concen: 51.653 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Instrument :
MSVOA_Y
ClientSampleId :
RBR251669

Tgt Ion: 75 Resp: 23010
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.027 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012781.D
Acq: 02 Mar 2023 23:48

Tgt Ion: 75 Resp: 23010
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

