

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
 Data File : VY012957.D
 Acq On : 15 Mar 2023 16:31
 Operator : KP/MD
 Sample : 01936-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-03152023

Quant Time: Mar 16 00:19:27 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)

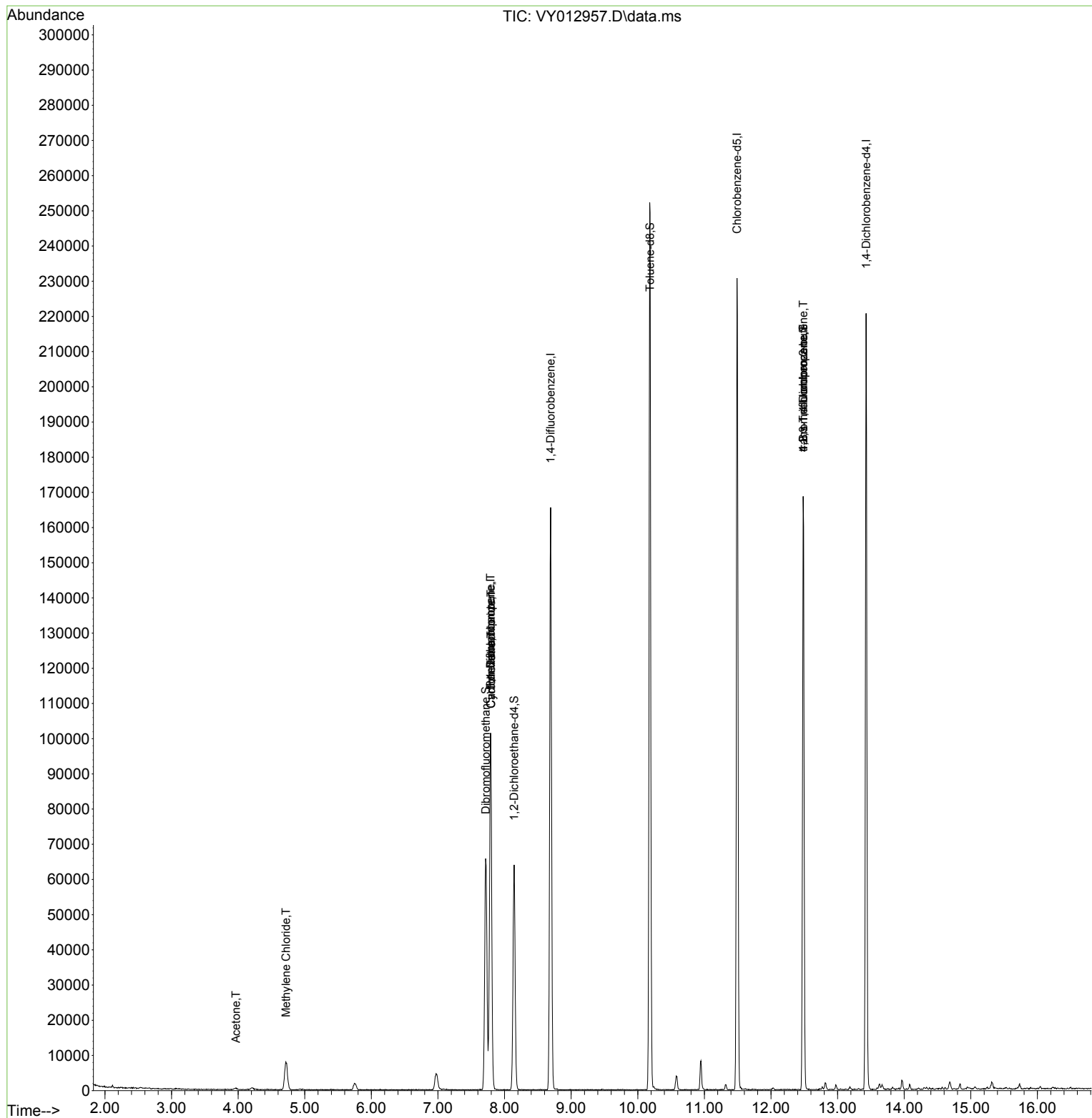
Internal Standards						
1) Pentafluorobenzene	7.789	168	79344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47669	60.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.020%	
35) Dibromofluoromethane	7.716	113	46087	55.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.800%	
50) Toluene-d8	10.185	98	163519	54.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.483	95	48681	47.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	102	Below Cal	#	74
16) Acetone	3.967	43	796	2.574	ug/l	99
20) Methylene Chloride	4.716	84	6088	1.209	ug/l	90
31) Cyclohexane	7.795	56	1628	1.079	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	6348	4.595	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	7552	5.294	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	25086	37.744	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	25086	78.207	ug/l	# 13

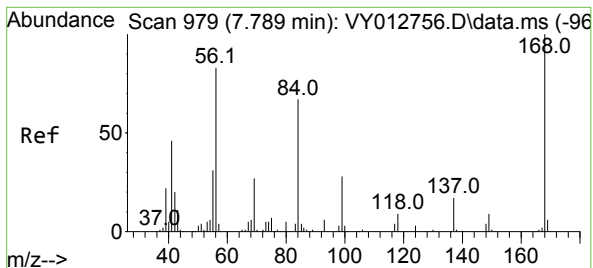
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031523\
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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: VY012957.D

Acq: 15 Mar 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

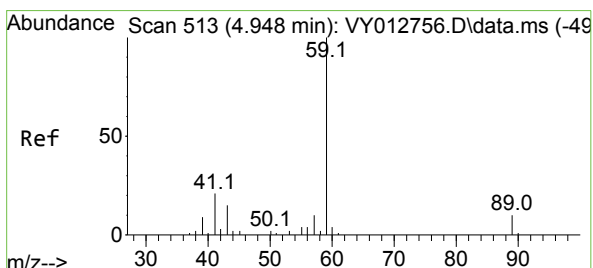
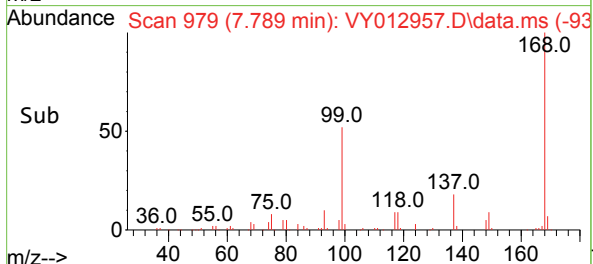
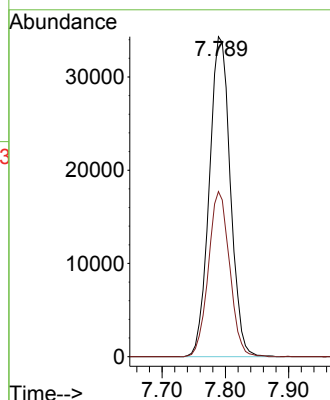
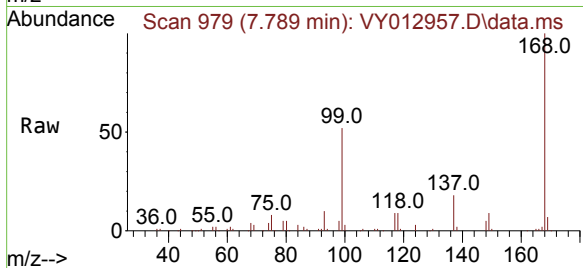
OR-03-03152023

Tgt Ion:168 Resp: 79344

Ion Ratio Lower Upper

168 100

99 51.6 41.7 62.5



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY012957.D

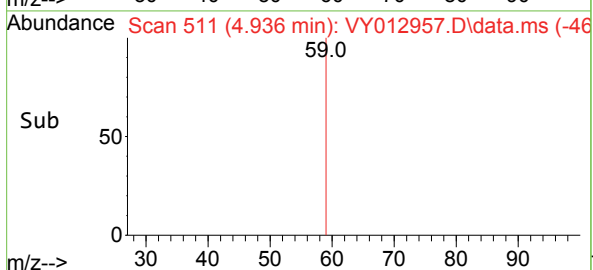
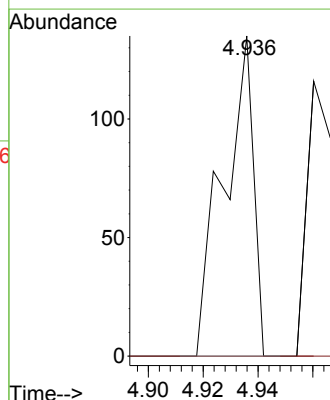
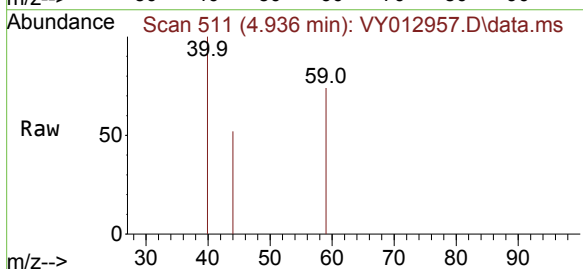
Acq: 15 Mar 2023 16:31

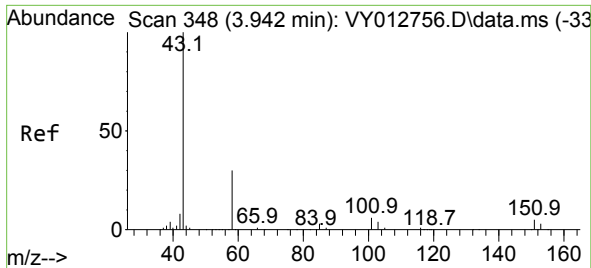
Tgt Ion: 59 Resp: 102

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#

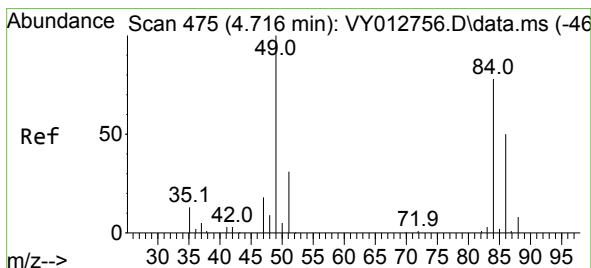
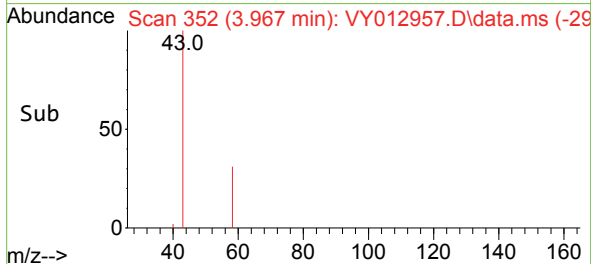
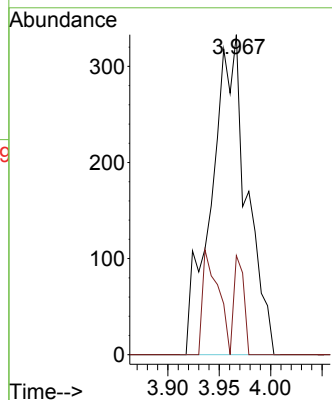
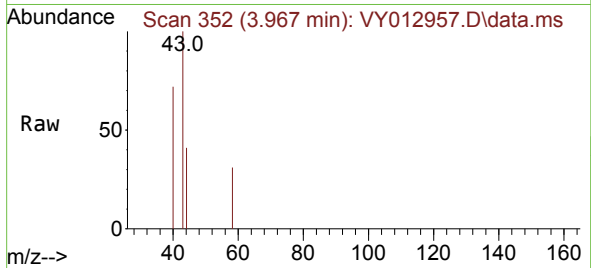




#16
Acetone
Concen: 2.574 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

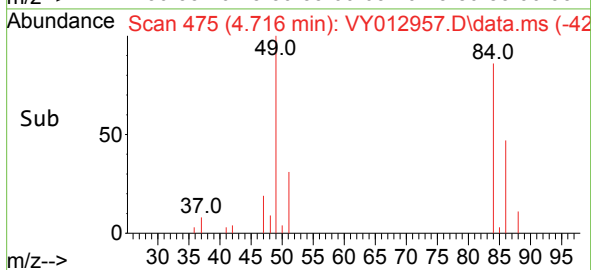
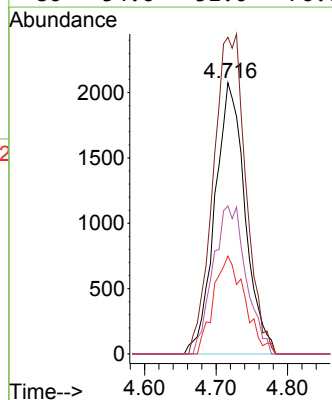
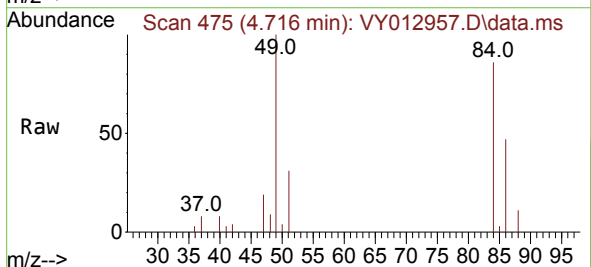
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

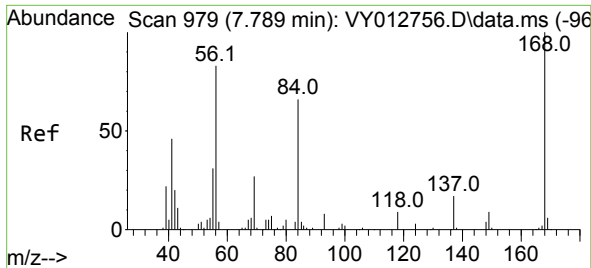
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.2



#20
Methylene Chloride
Concen: 1.209 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Tgt Ion: 84 Resp: 6088
Ion Ratio Lower Upper
84 100
49 116.7 102.6 154.0
51 36.1 31.9 47.9
86 54.6 51.0 76.6

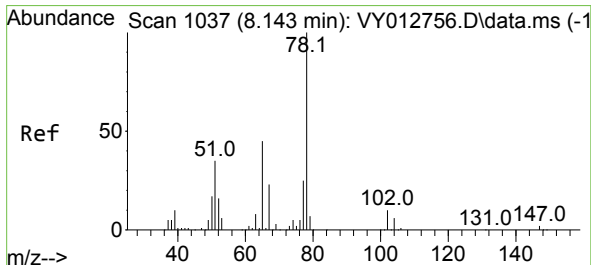
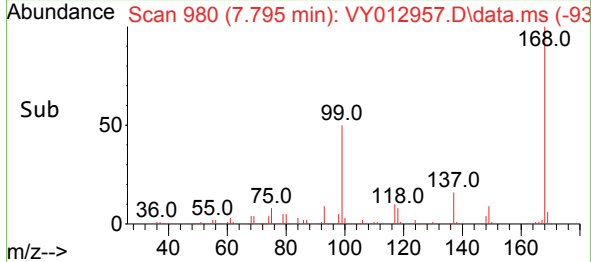
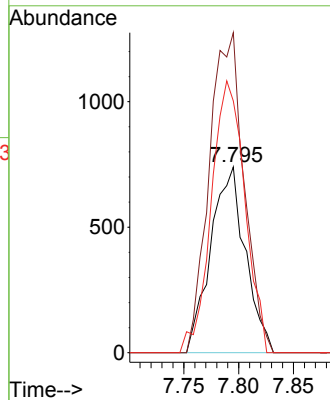
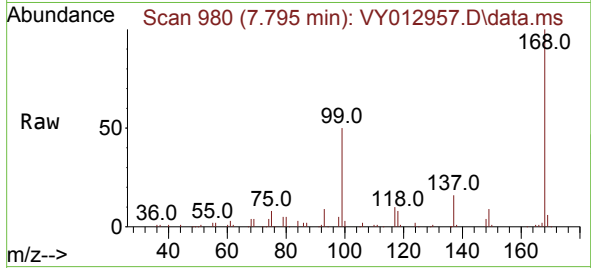




#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

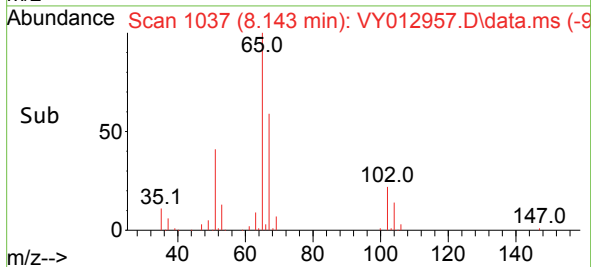
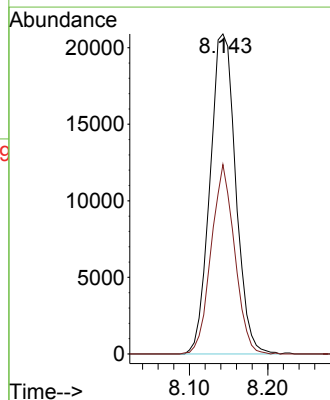
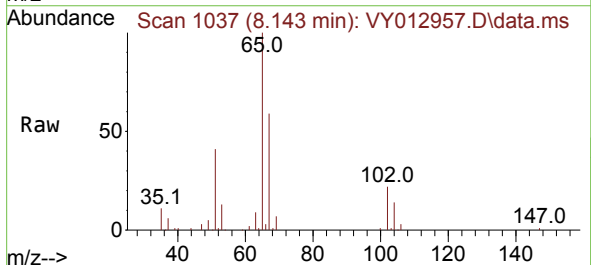
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

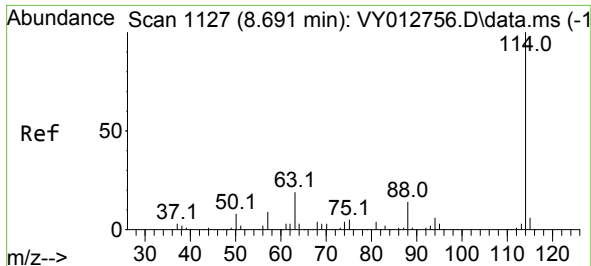
Tgt Ion: 56 Resp: 1628
Ion Ratio Lower Upper
56 100
69 172.3 25.7 38.5#
84 135.5 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 60.510 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Tgt Ion: 65 Resp: 47669
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.0

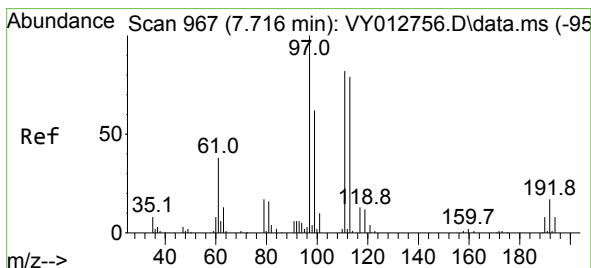
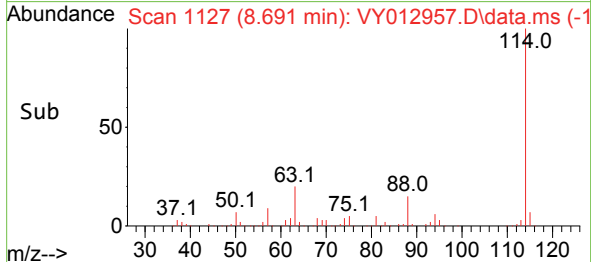
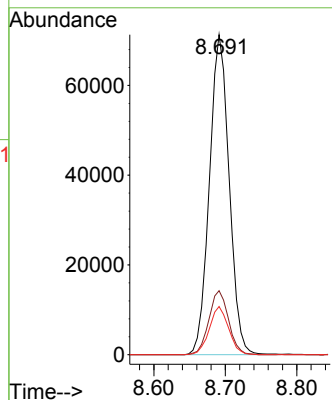
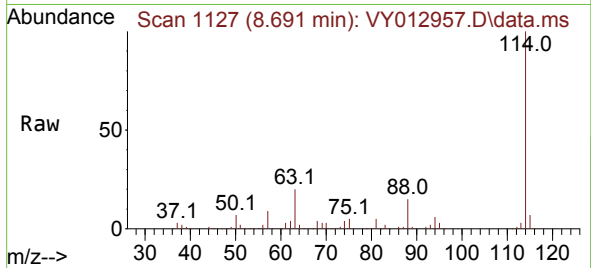




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

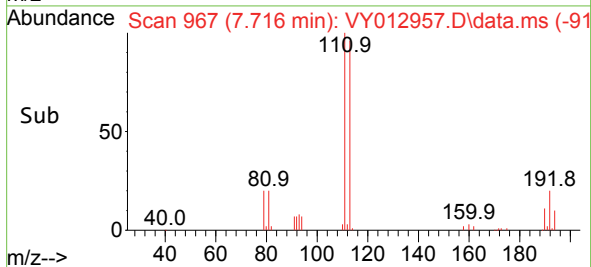
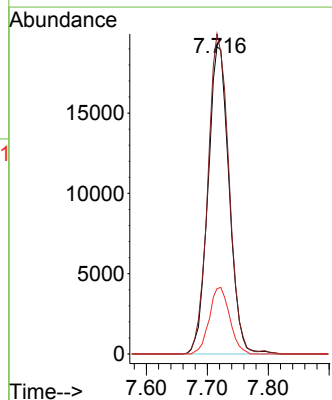
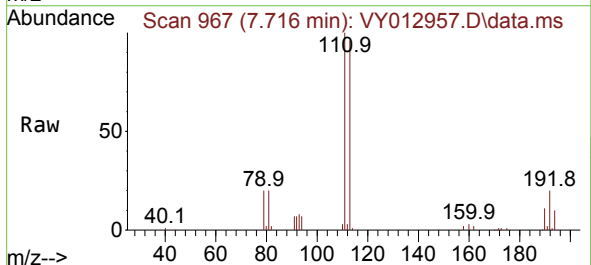
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

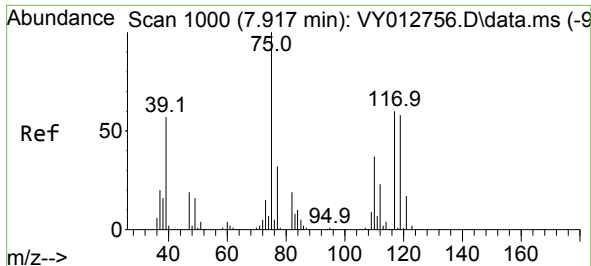
Tgt Ion:114 Resp: 136605
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.903 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Tgt Ion:113 Resp: 46087
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.9 16.8 25.2

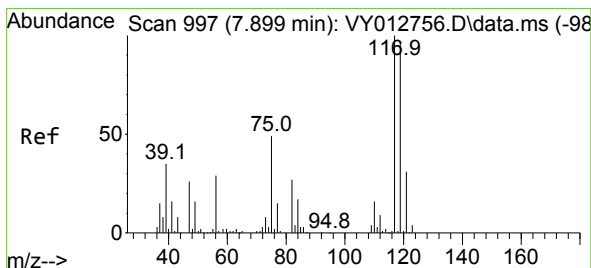
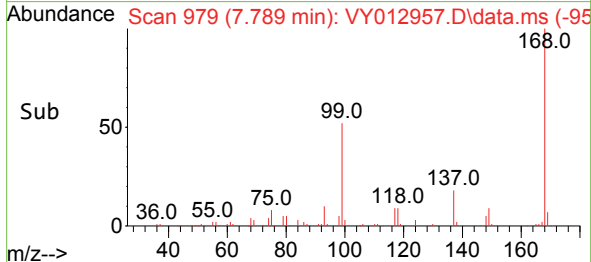
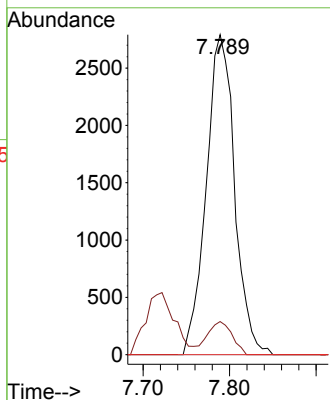
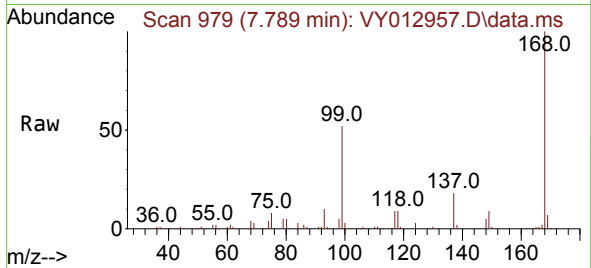




#36
 1,1-Dichloropropene
 Concen: 4.595 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY012957.D
 Acq: 15 Mar 2023 16:31

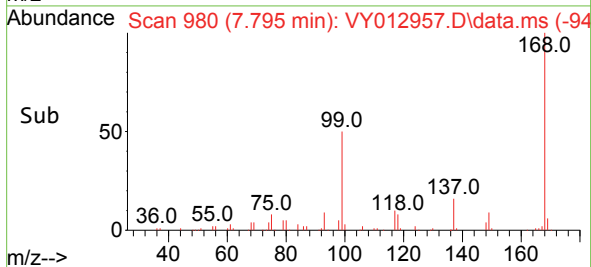
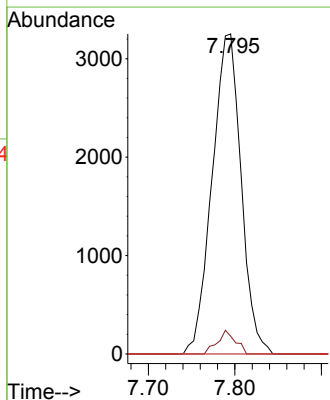
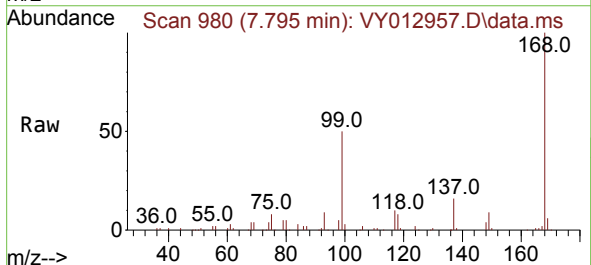
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-03152023

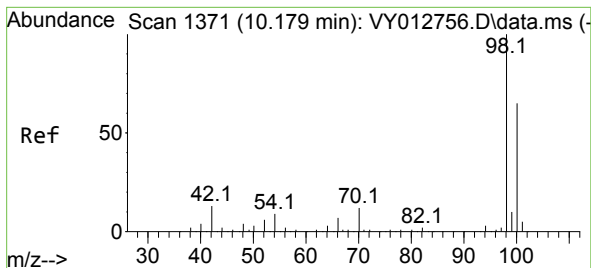
Tgt Ion: 75 Resp: 6348
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.294 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY012957.D
 Acq: 15 Mar 2023 16:31

Tgt Ion: 117 Resp: 7552
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.2 115.8#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 54.255 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012957.D

Acq: 15 Mar 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

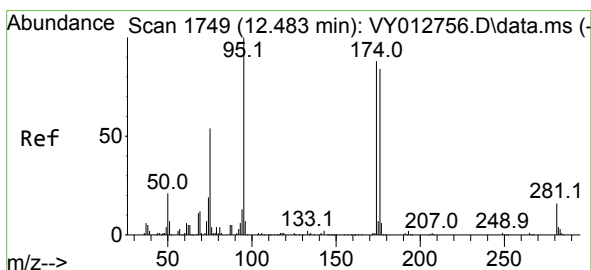
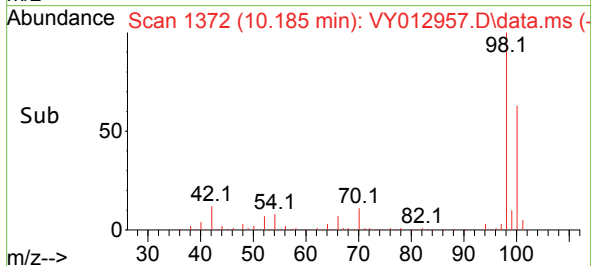
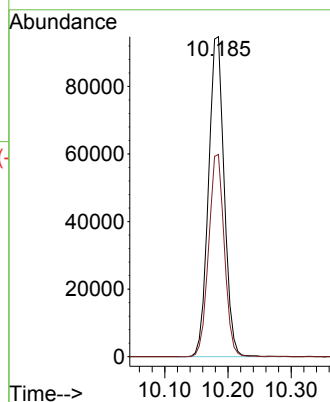
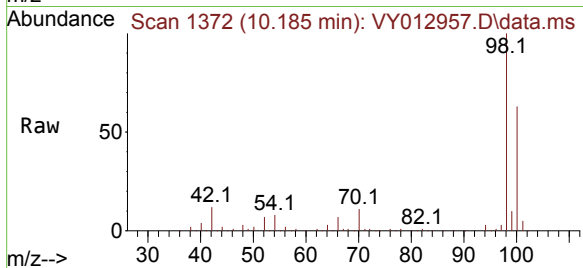
OR-03-03152023

Tgt Ion: 98 Resp: 163519

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.855 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012957.D

Acq: 15 Mar 2023 16:31

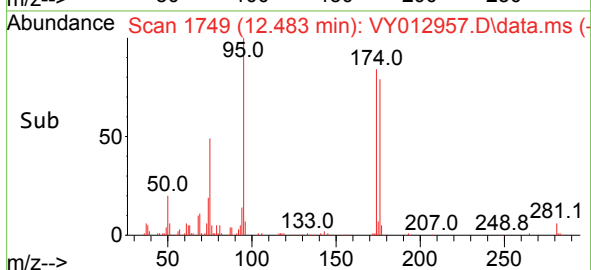
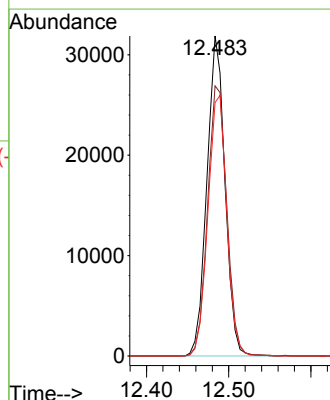
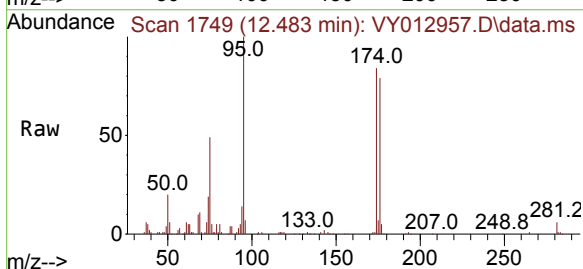
Tgt Ion: 95 Resp: 48681

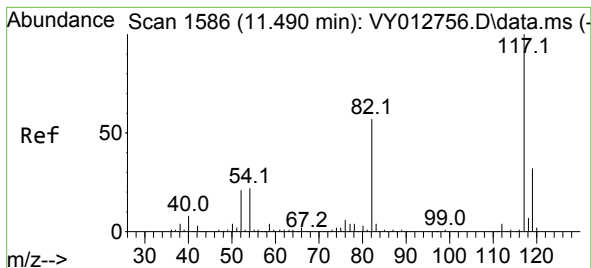
Ion Ratio Lower Upper

95 100

174 89.5 0.0 176.6

176 85.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012957.D

Acq: 15 Mar 2023 16:31

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-03152023

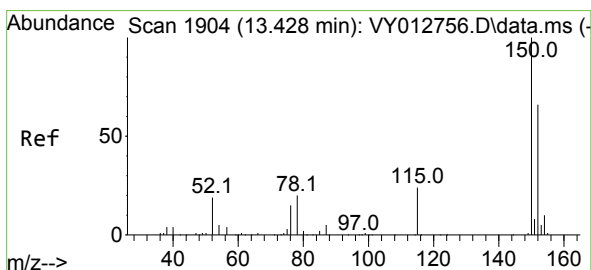
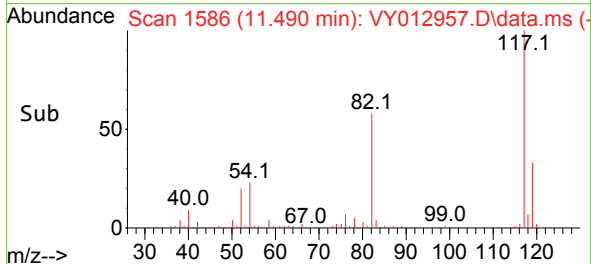
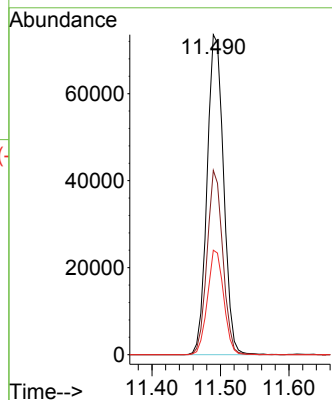
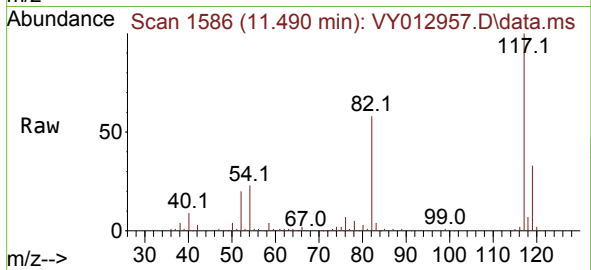
Tgt Ion:117 Resp: 123117

Ion Ratio Lower Upper

117 100

82 57.6 45.4 68.0

119 32.7 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: VY012957.D

Acq: 15 Mar 2023 16:31

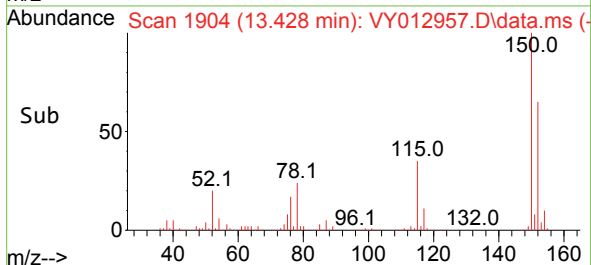
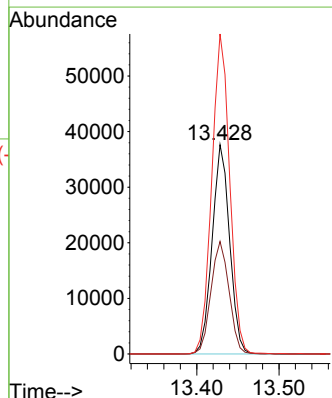
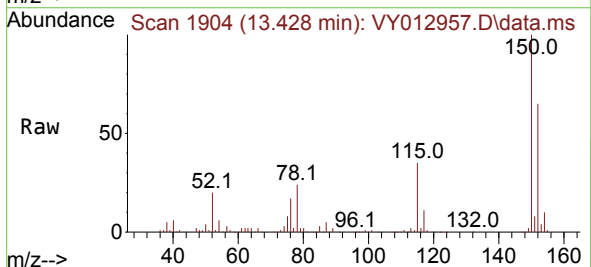
Tgt Ion:152 Resp: 55657

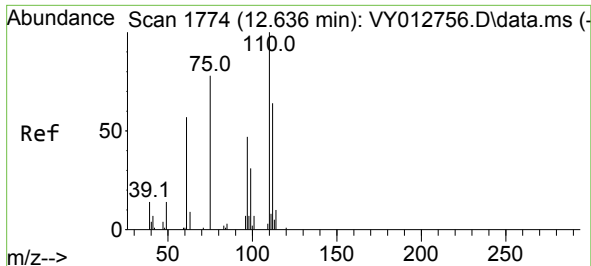
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 156.5 0.0 347.8

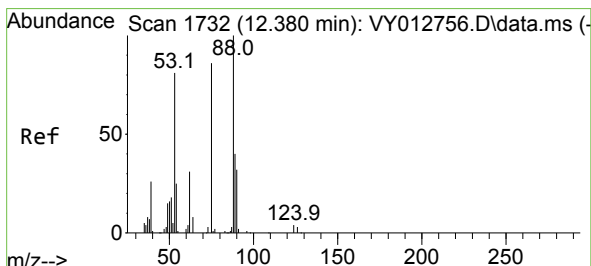
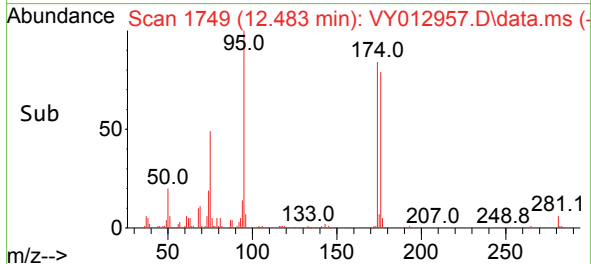
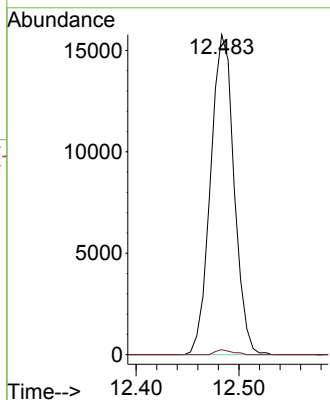
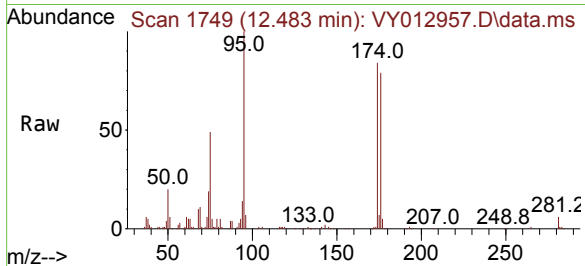




#76
1,2,3-Trichloropropane
Concen: 37.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-03152023

Tgt Ion: 75 Resp: 25086
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.207 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012957.D
Acq: 15 Mar 2023 16:31

Tgt Ion: 75 Resp: 25086
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

