

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012933.D
 Acq On : 14 Mar 2023 11:29
 Operator : KP/MD
 Sample : VY0314SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBL01

Quant Time: Mar 15 01:39:52 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)

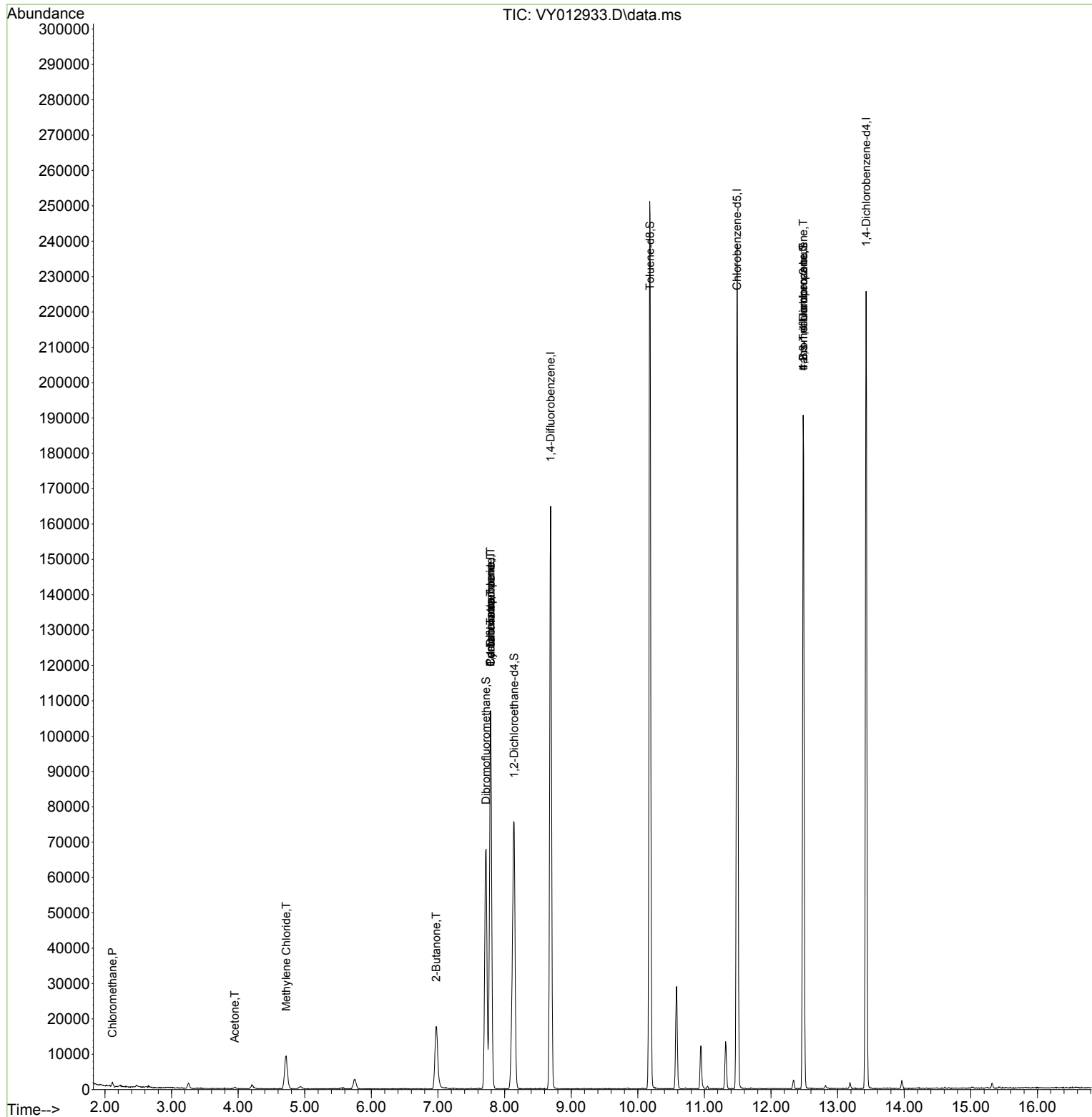
Internal Standards						
1) Pentafluorobenzene	7.789	168	82971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51347	62.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.660%	
35) Dibromofluoromethane	7.721	113	48228	57.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.020%	
50) Toluene-d8	10.184	98	166726	53.908	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	12.483	95	51034	48.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.780%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	993	1.016	ug/l	100
11) Tert butyl alcohol	4.935	59	903	Below Cal	#	74
16) Acetone	3.948	43	796	2.462	ug/l #	44
20) Methylene Chloride	4.722	84	6648	1.529	ug/l	96
25) 2-Butanone	6.972	43	537	1.341	ug/l #	49
31) Cyclohexane	7.789	56	1748	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6267	4.421	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8137	5.558	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	26644	38.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26644	80.347	ug/l #	13

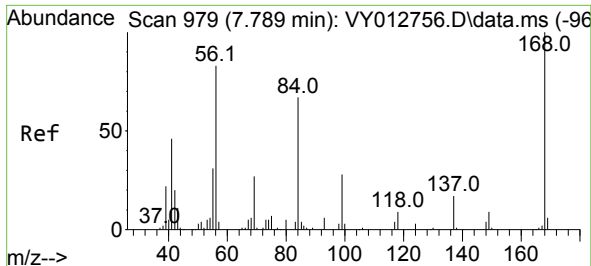
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
Data File : VY012933.D
Acq On : 14 Mar 2023 11:29
Operator : KP/MD
Sample : VY0314SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

Quant Time: Mar 15 01:39:52 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

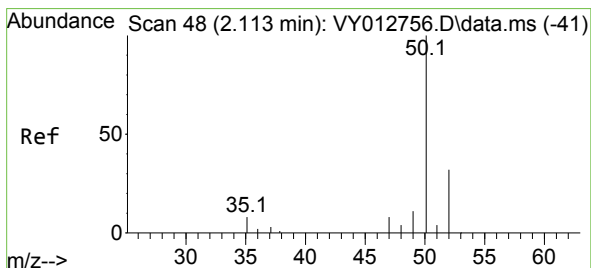
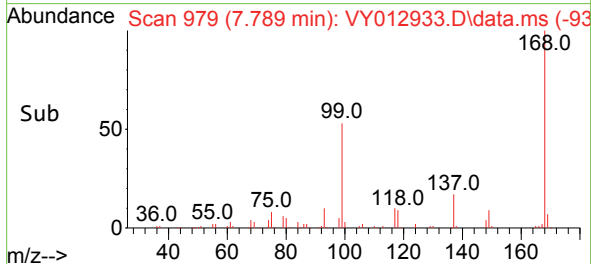
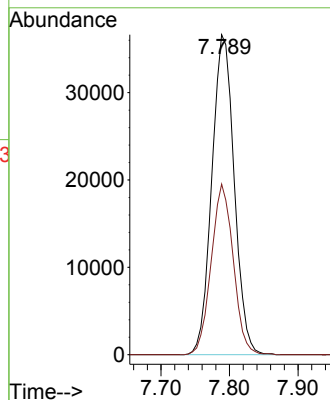
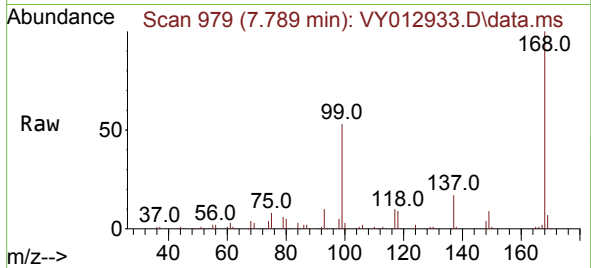




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

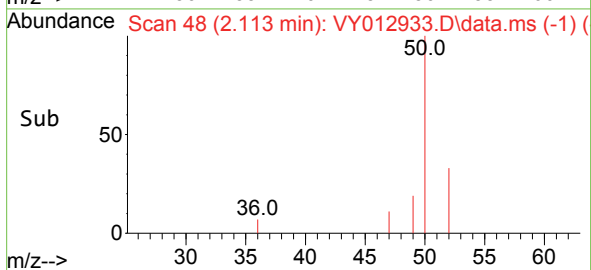
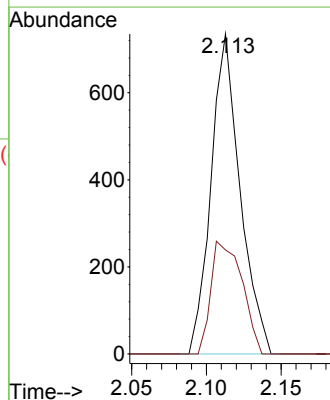
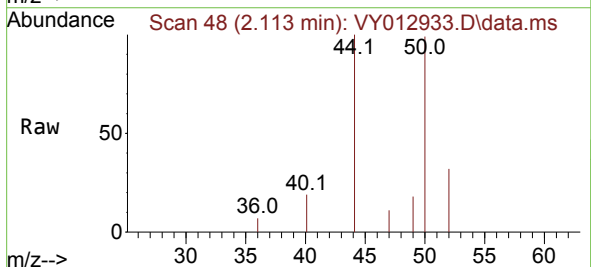
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

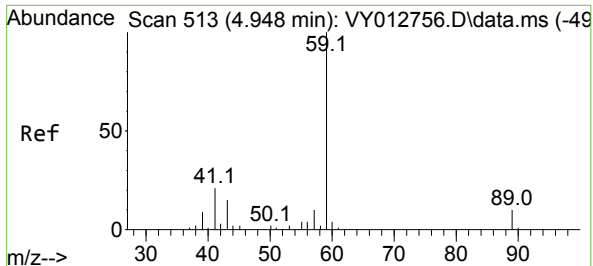
Tgt Ion:168 Resp: 82971
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#3
Chloromethane
Concen: 1.016 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

Tgt Ion: 50 Resp: 993
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.935 min Scan# 511

Delta R.T. -0.013 min

Lab File: VY012933.D

Acq: 14 Mar 2023 11:29

Instrument :

MSVOA_Y

ClientSampleId :

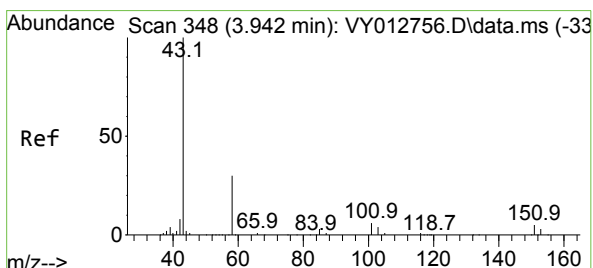
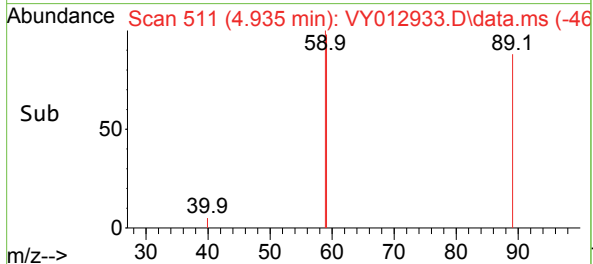
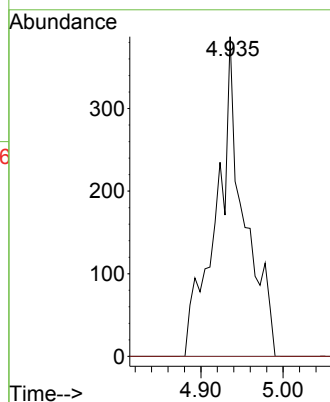
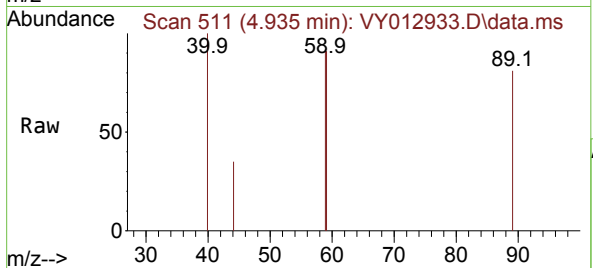
VY0314SBL01

Tgt Ion: 59 Resp: 903

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 2.462 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY012933.D

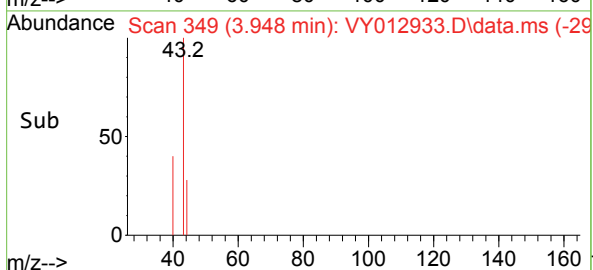
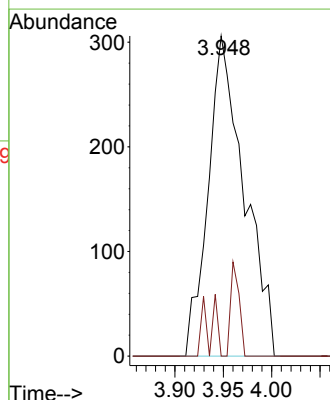
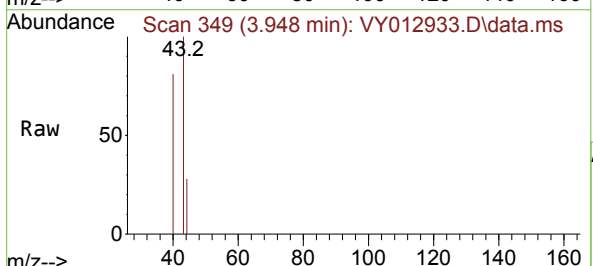
Acq: 14 Mar 2023 11:29

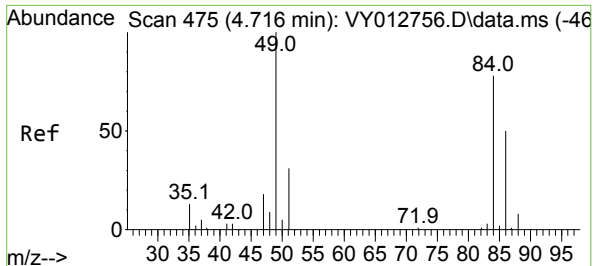
Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#





#20

Methylene Chloride

Concen: 1.529 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY012933.D

Acq: 14 Mar 2023 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBL01

Tgt Ion: 84 Resp: 6648

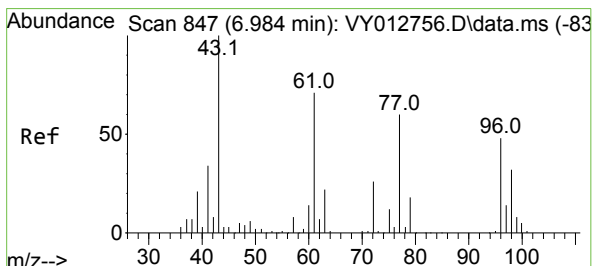
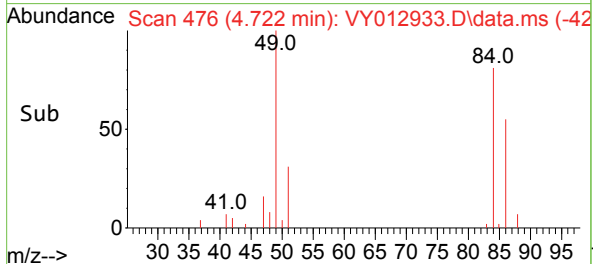
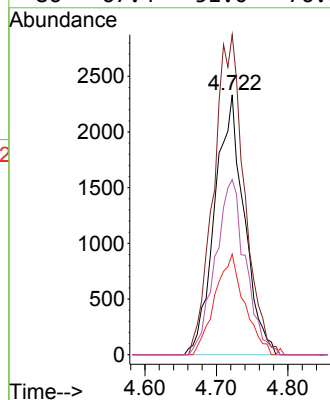
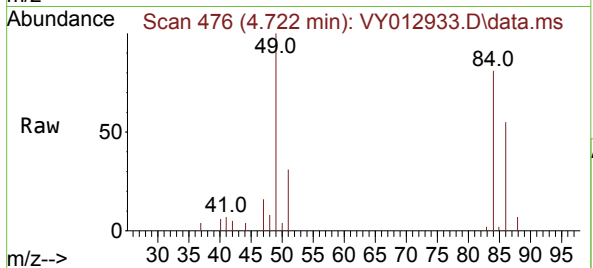
Ion Ratio Lower Upper

84 100

49 123.1 102.6 154.0

51 38.6 31.9 47.9

86 67.4 51.0 76.6



#25

2-Butanone

Concen: 1.341 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY012933.D

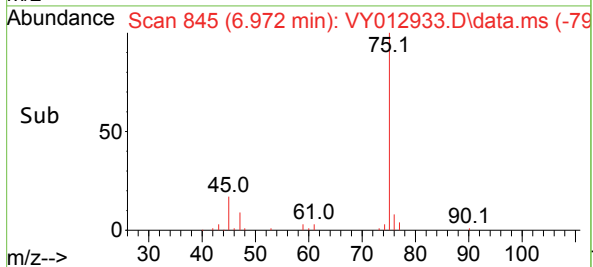
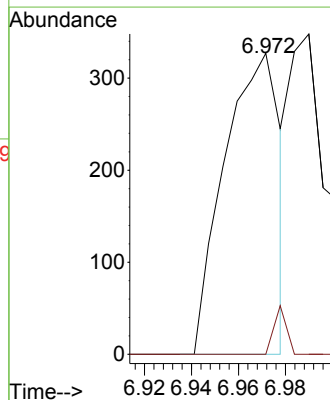
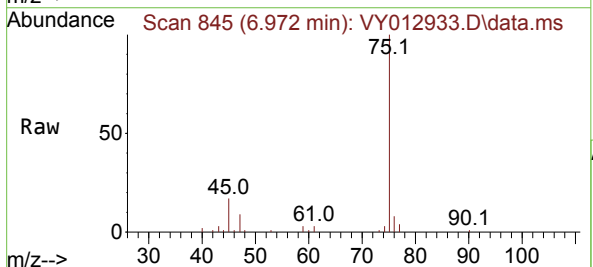
Acq: 14 Mar 2023 11:29

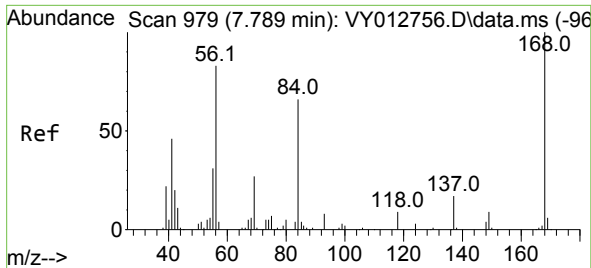
Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#

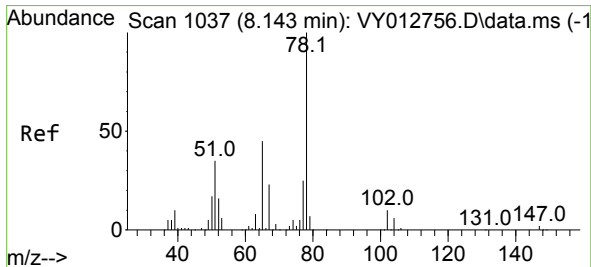
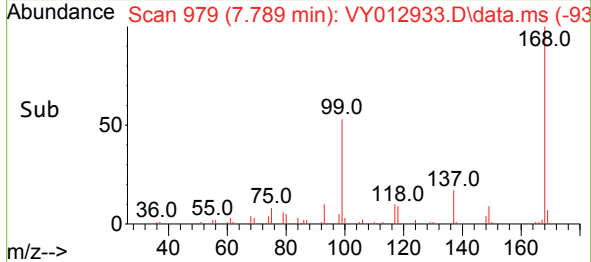
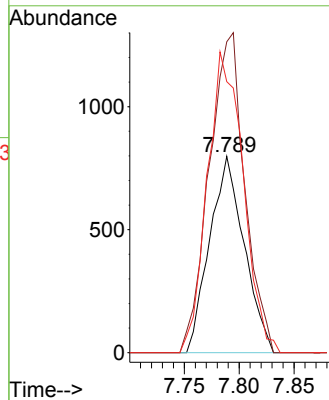
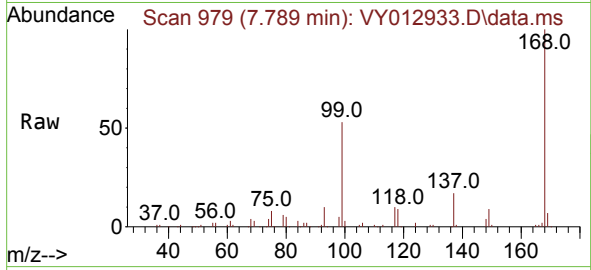




#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

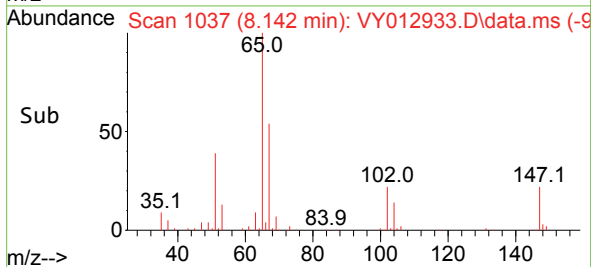
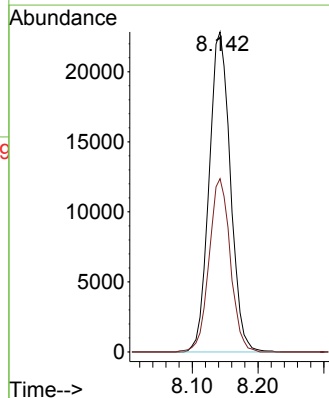
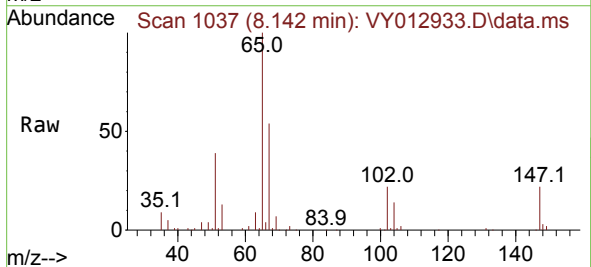
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

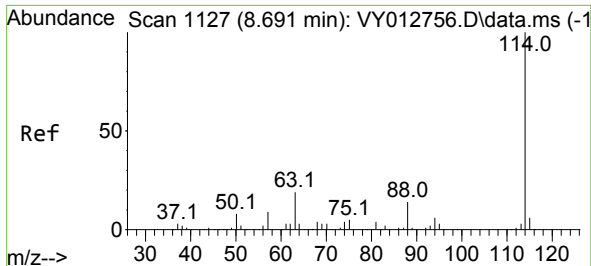
Tgt Ion: 56 Resp: 1748
Ion Ratio Lower Upper
56 100
69 158.4 25.7 38.5#
84 152.4 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.330 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

Tgt Ion: 65 Resp: 51347
Ion Ratio Lower Upper
65 100
67 54.1 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: VY012933.D

Acq: 14 Mar 2023 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBL01

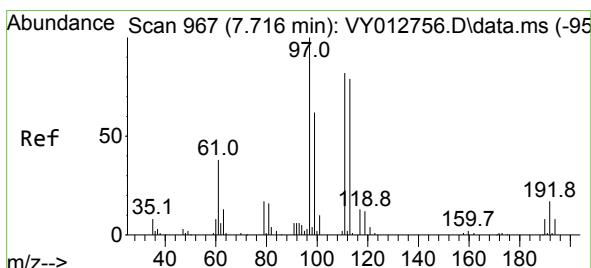
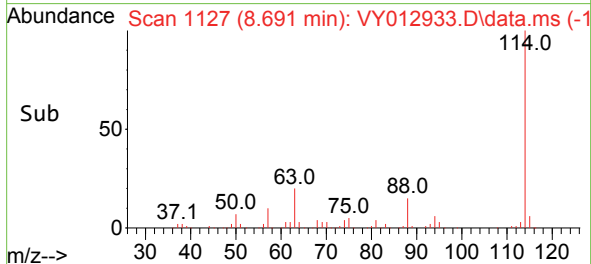
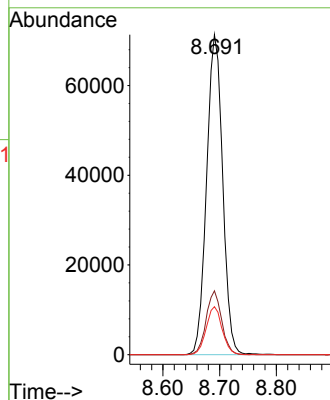
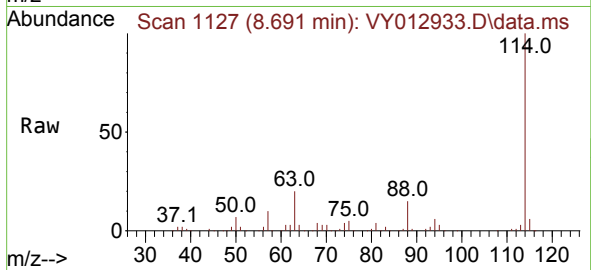
Tgt Ion:114 Resp: 140181

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.008 ug/l

RT: 7.721 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012933.D

Acq: 14 Mar 2023 11:29

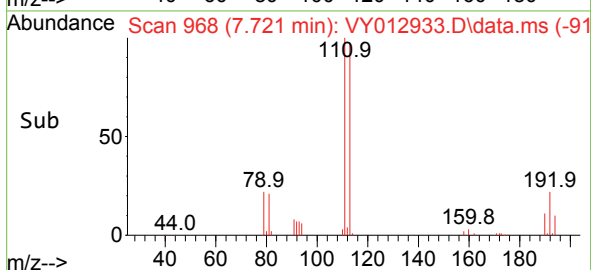
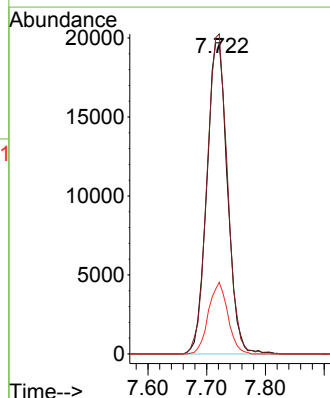
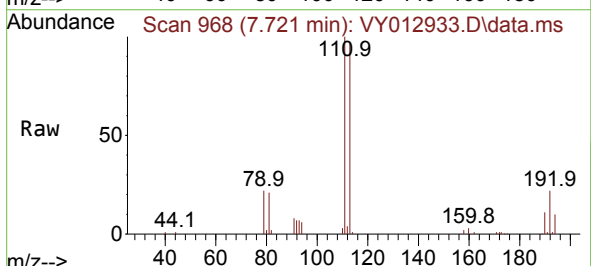
Tgt Ion:113 Resp: 48228

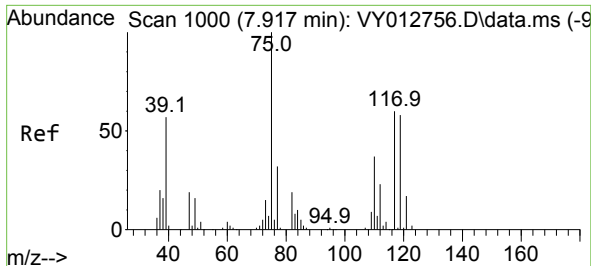
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 21.5 16.8 25.2

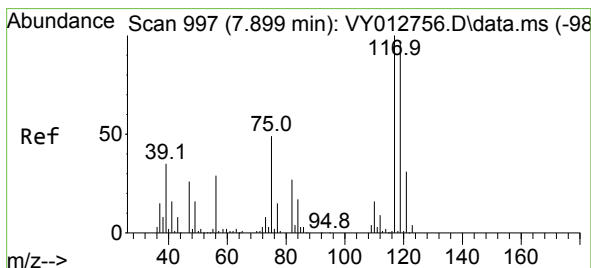
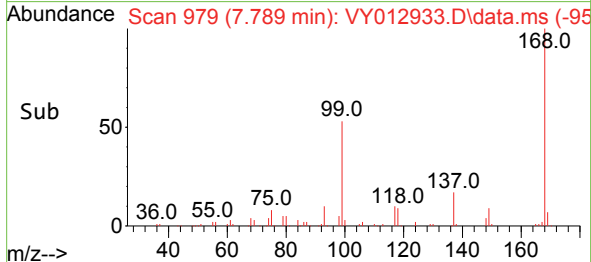
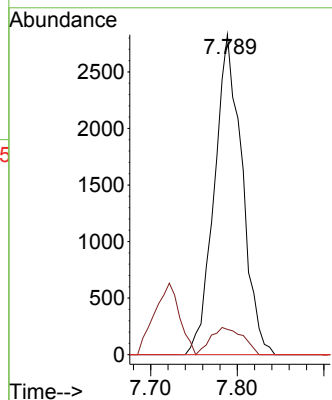
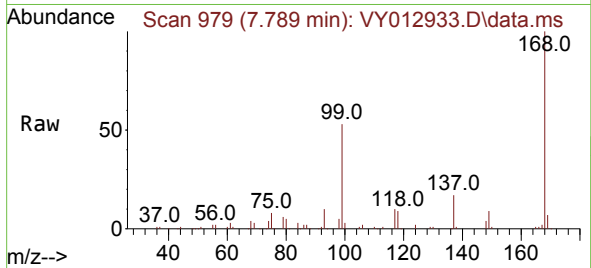




#36
1,1-Dichloropropene
Concen: 4.421 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

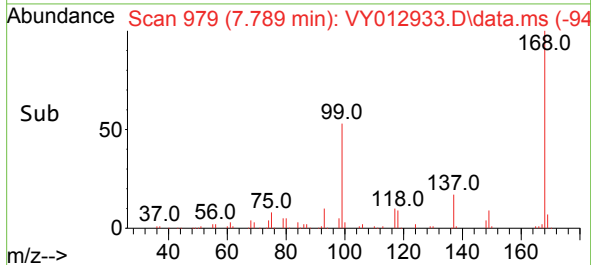
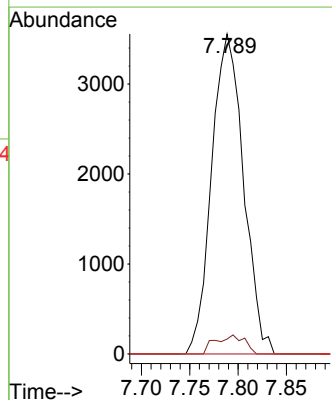
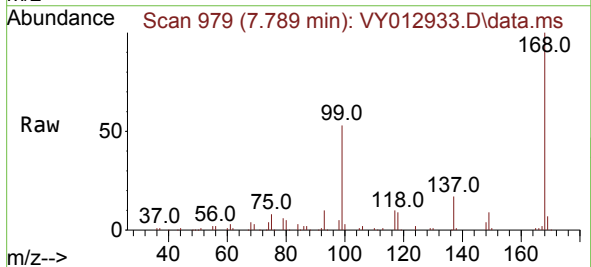
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

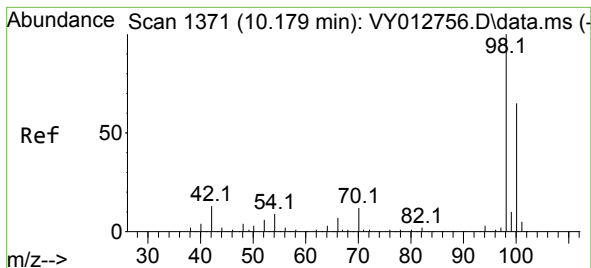
Tgt Ion: 75 Resp: 6267
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.558 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

Tgt Ion: 117 Resp: 8137
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.908 ug/l

RT: 10.184 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012933.D

Acq: 14 Mar 2023 11:29

Instrument :

MSVOA_Y

ClientSampleId :

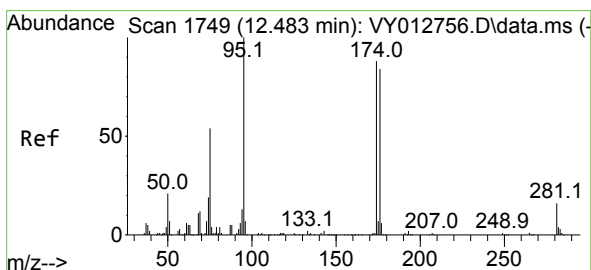
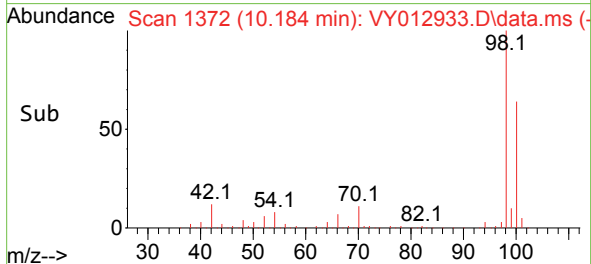
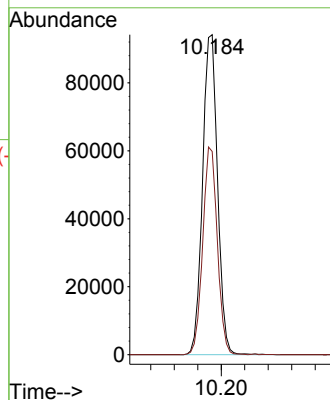
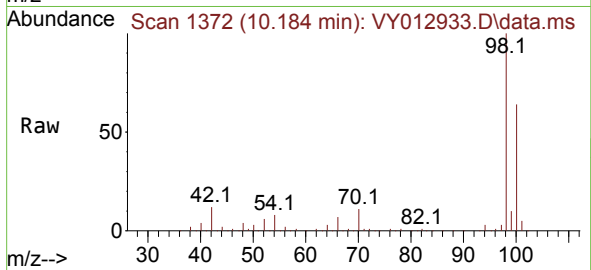
VY0314SBL01

Tgt Ion: 98 Resp: 166726

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.888 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012933.D

Acq: 14 Mar 2023 11:29

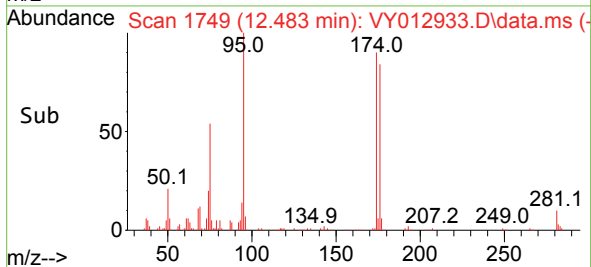
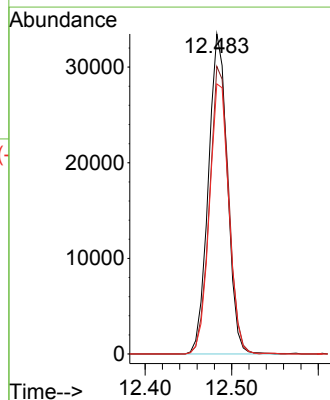
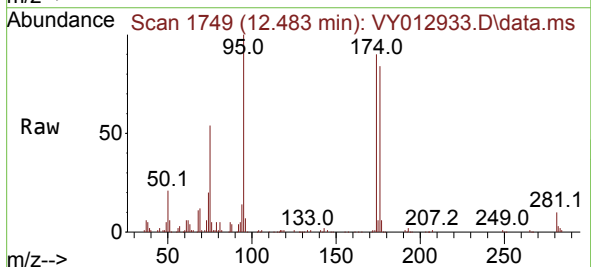
Tgt Ion: 95 Resp: 51034

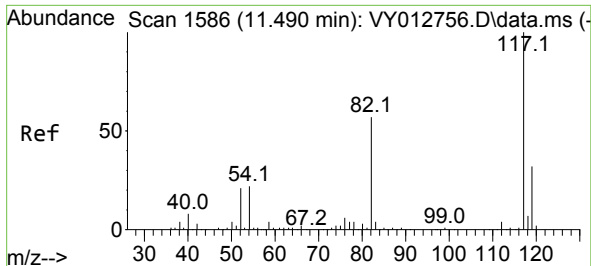
Ion Ratio Lower Upper

95 100

174 91.5 0.0 176.6

176 86.6 0.0 170.2

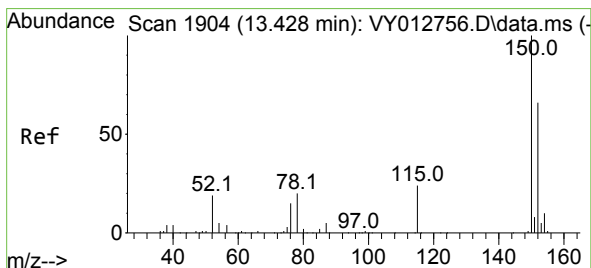
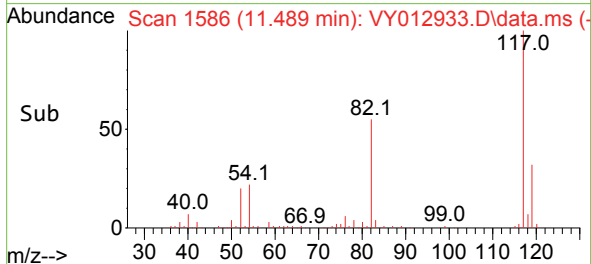
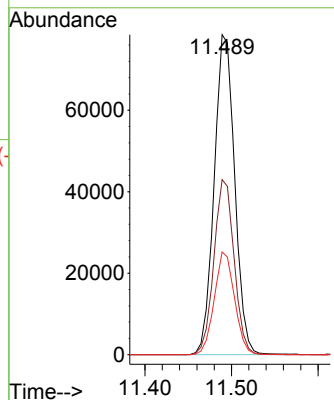
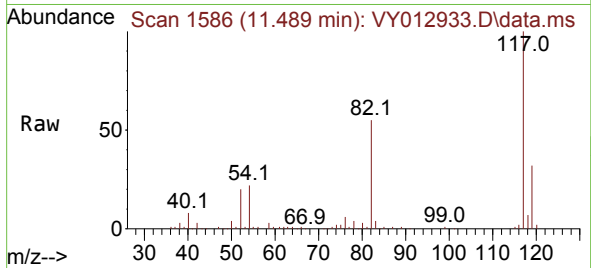




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

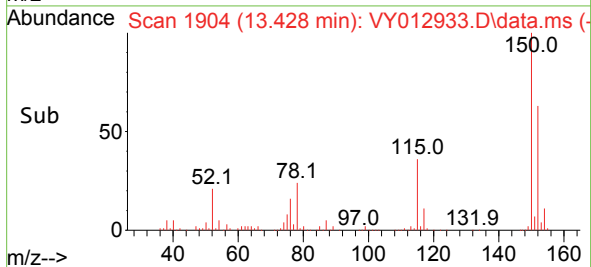
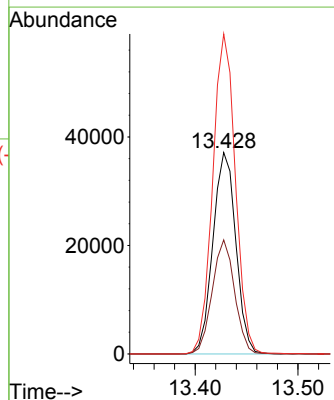
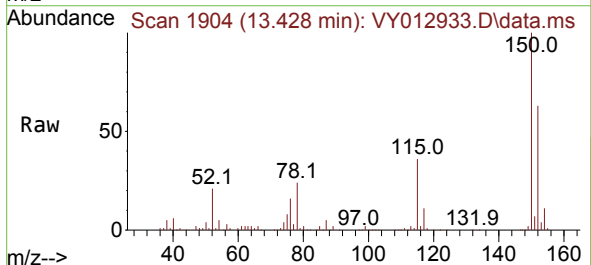
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

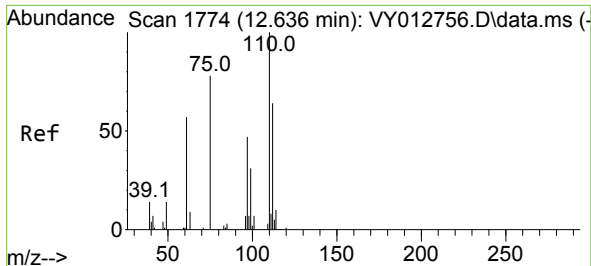
Tgt Ion:117 Resp: 129188
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

Tgt Ion:152 Resp: 57539
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 157.1 0.0 347.8

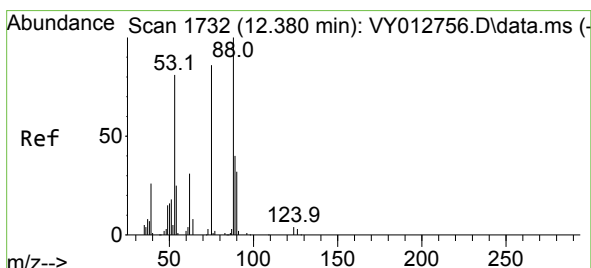
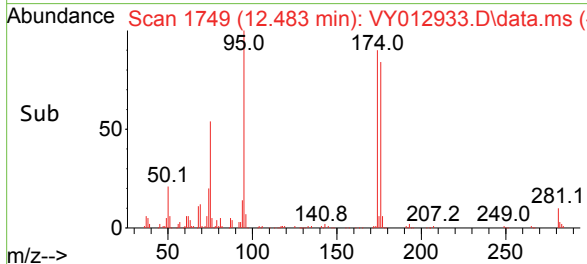
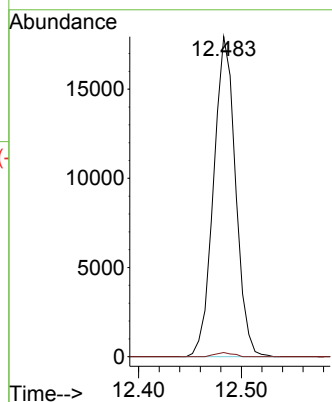
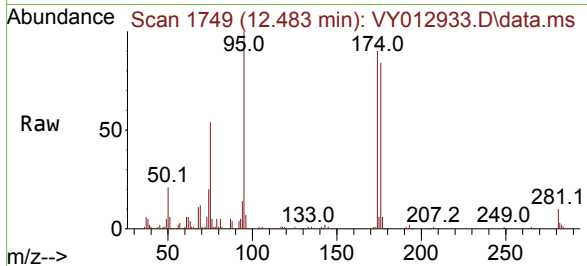




#76
1,2,3-Trichloropropane
Concen: 38.777 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

Tgt Ion: 75 Resp: 26644
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.347 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012933.D
Acq: 14 Mar 2023 11:29

Tgt Ion: 75 Resp: 26644
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

