

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012921.D
 Acq On : 13 Mar 2023 11:47
 Operator : KP/MD
 Sample : VY0313SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBL01

Quant Time: Mar 14 01:24:18 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)

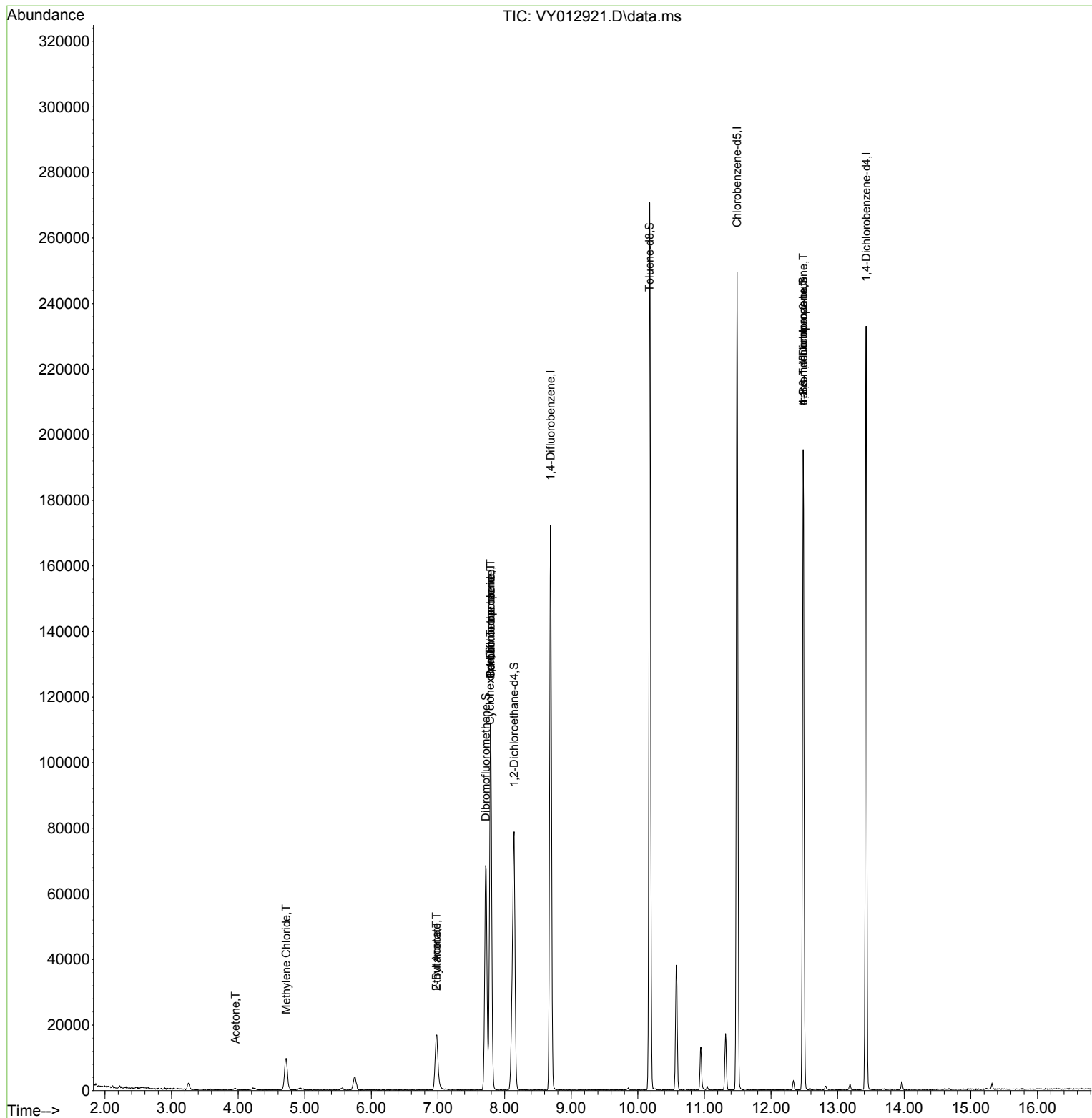
Internal Standards						
1) Pentafluorobenzene	7.789	168	87146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	133242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51736	59.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.580%	
35) Dibromofluoromethane	7.716	113	48290	54.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.179	98	171807	53.271	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.483	95	52679	48.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.780%	
Target Compounds						
11) Tert butyl alcohol	4.936	59	418	Below Cal	#	74
16) Acetone	3.960	43	844	2.485	ug/l #	44
20) Methylene Chloride	4.723	84	7339	1.914	ug/l	94
25) 2-Butanone	6.978	43	1003	2.384	ug/l #	49
31) Cyclohexane	7.783	56	1843	1.112	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6600	4.464	ug/l #	50
37) Ethyl Acetate	6.978	43	1003	1.076	ug/l #	1
38) Carbon Tetrachloride	7.789	117	8244	5.400	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	27332	38.256	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27332	79.268	ug/l #	13

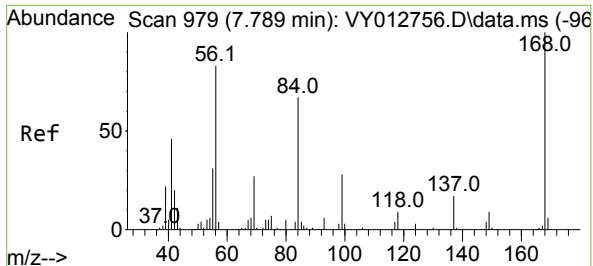
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
Data File : VY012921.D
Acq On : 13 Mar 2023 11:47
Operator : KP/MD
Sample : VY0313SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Quant Time: Mar 14 01:24:18 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

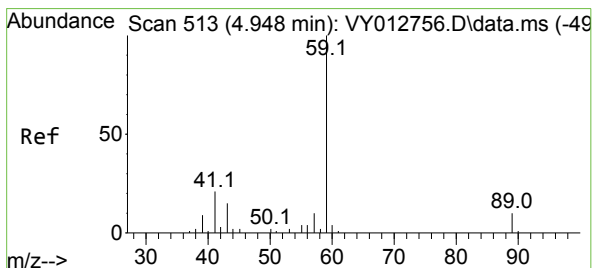
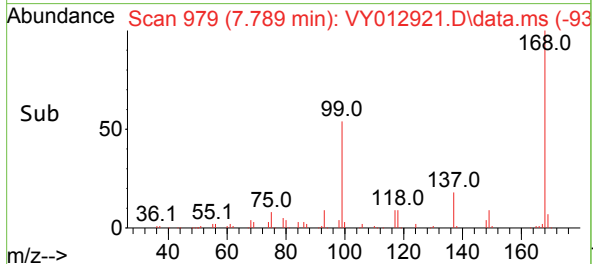
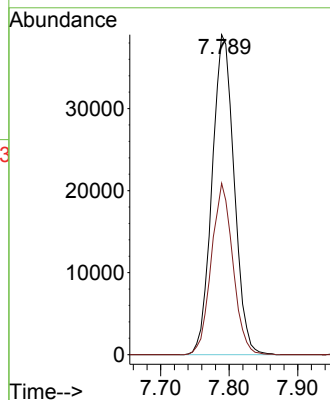
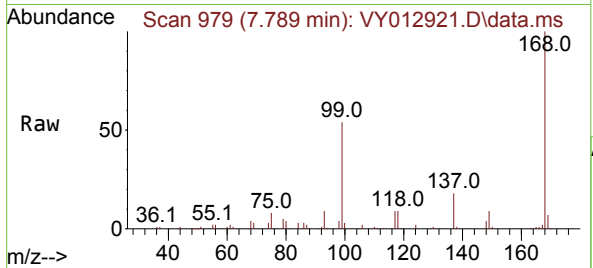




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

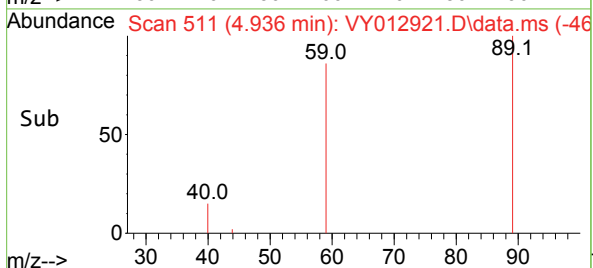
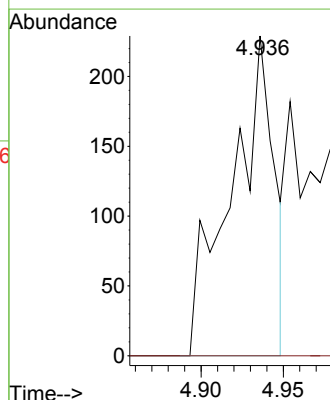
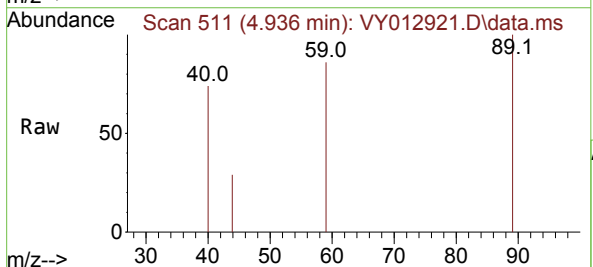
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

Tgt Ion:168 Resp: 87146
Ion Ratio Lower Upper
168 100
99 53.5 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: VY012921.D
Acq: 13 Mar 2023 11:47

Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.485 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY012921.D

Acq: 13 Mar 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

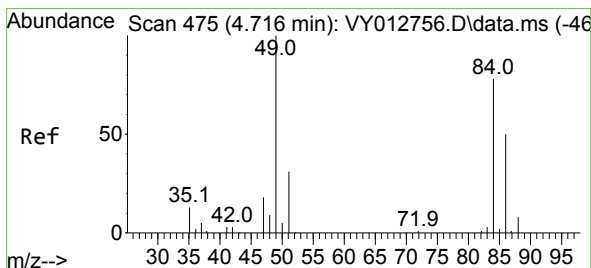
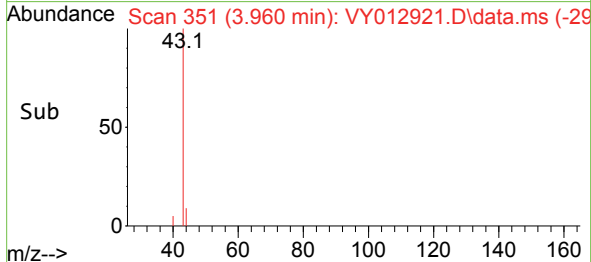
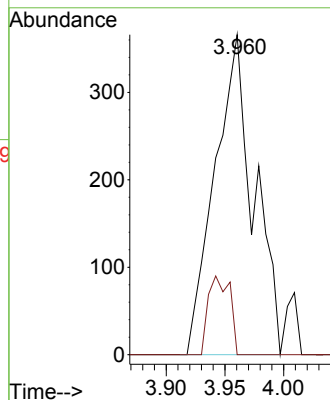
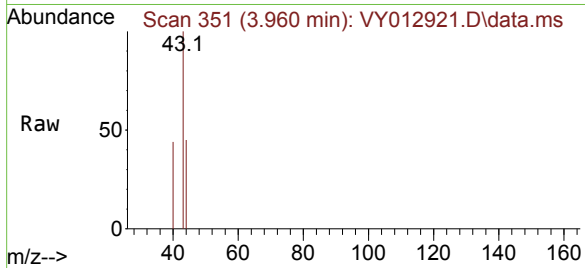
VY0313SBL01

Tgt Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#20

Methylene Chloride

Concen: 1.914 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012921.D

Acq: 13 Mar 2023 11:47

Tgt Ion: 84 Resp: 7339

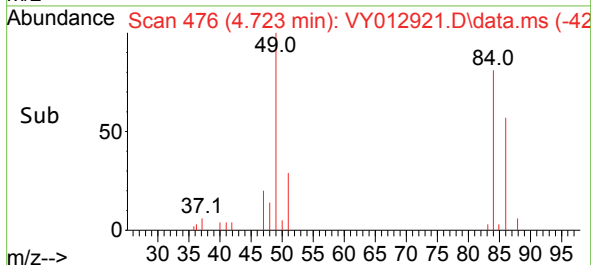
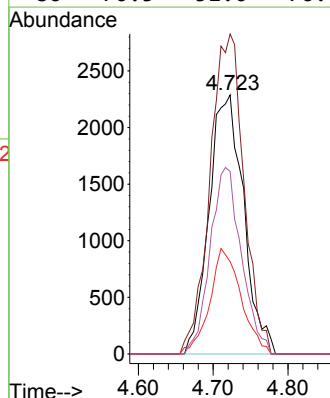
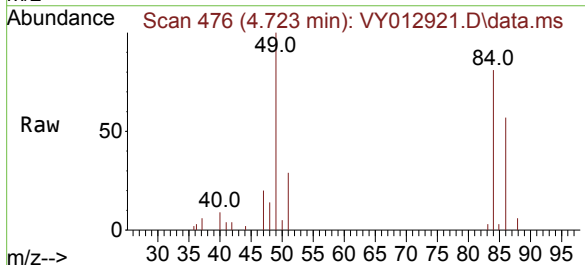
Ion Ratio Lower Upper

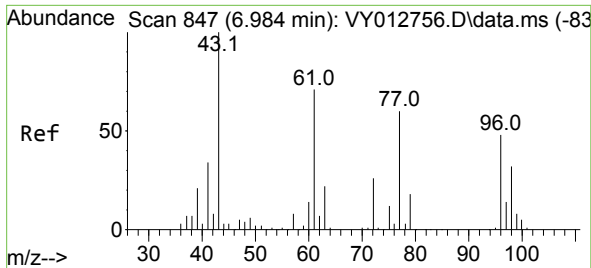
84 100

49 123.5 102.6 154.0

51 35.6 31.9 47.9

86 70.5 51.0 76.6

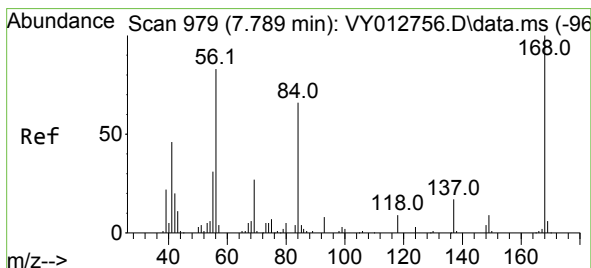
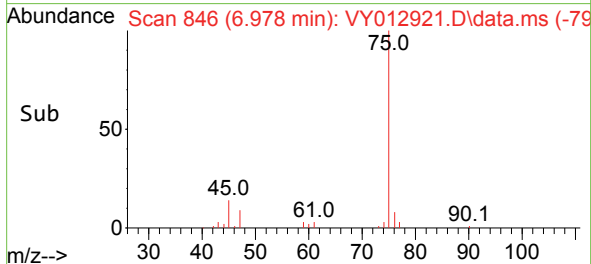
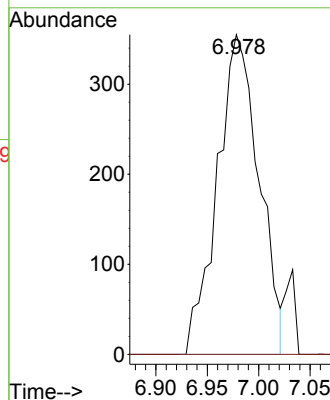
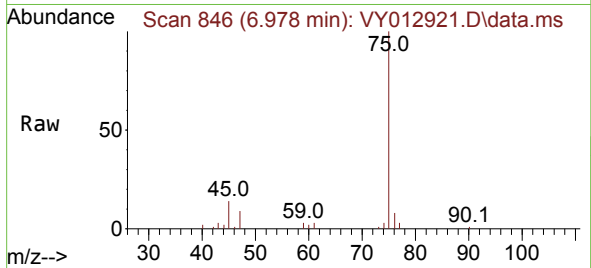




#25
2-Butanone
Concen: 2.384 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

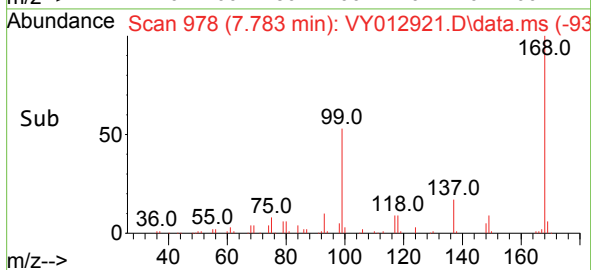
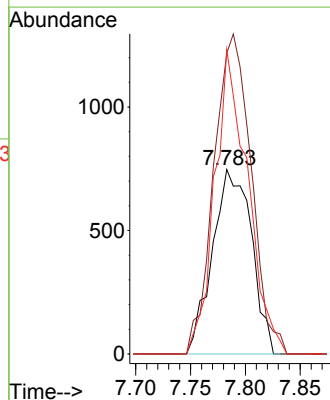
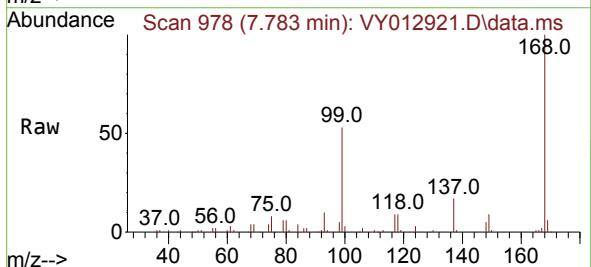
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

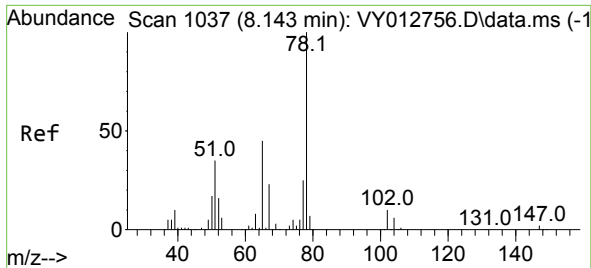
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

Tgt Ion: 56 Resp: 1843
Ion Ratio Lower Upper
56 100
69 163.1 25.7 38.5#
84 165.1 64.3 96.5#

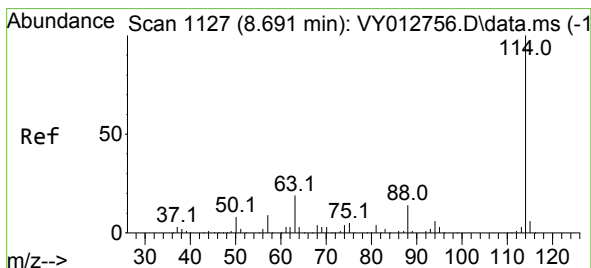
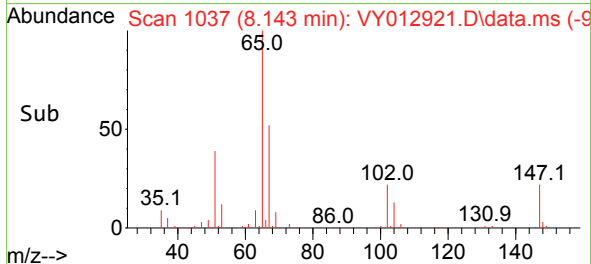
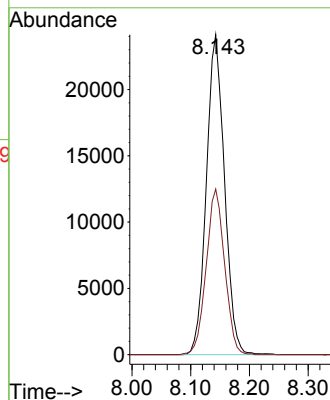
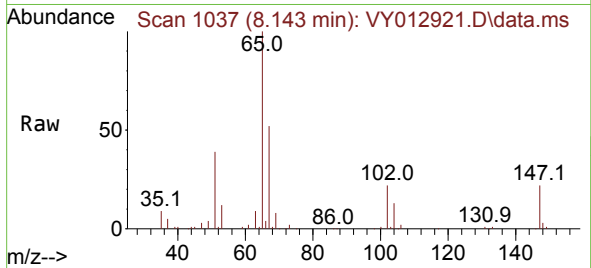




#33
 1,2-Dichloroethane-d4
 Concen: 59.793 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012921.D
 Acq: 13 Mar 2023 11:47

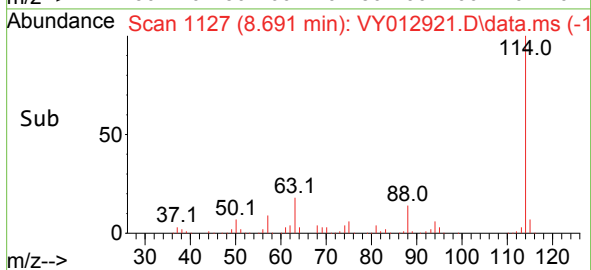
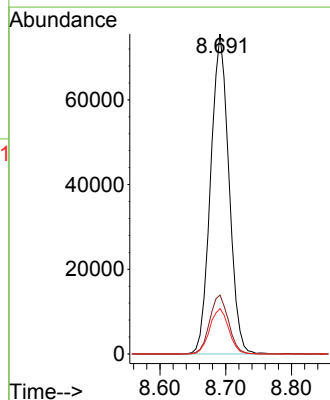
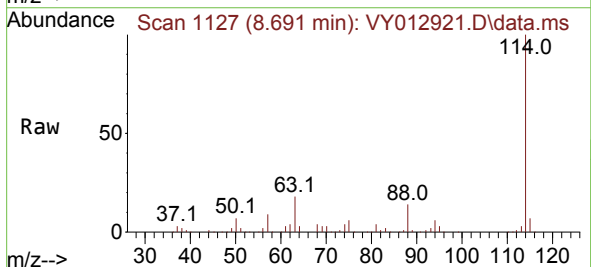
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0313SBL01

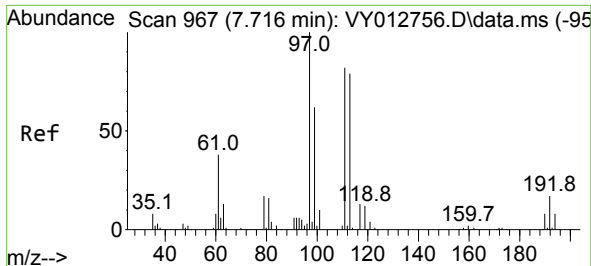
Tgt Ion: 65 Resp: 51736
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012921.D
 Acq: 13 Mar 2023 11:47

Tgt Ion: 114 Resp: 146180
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.4
 88 14.2 0.0 28.6

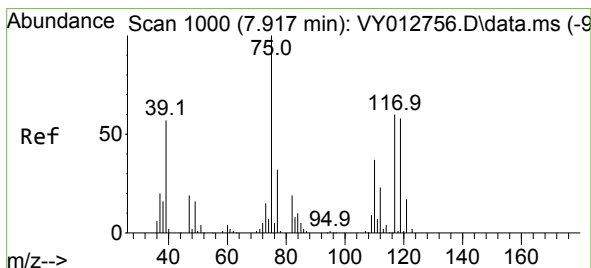
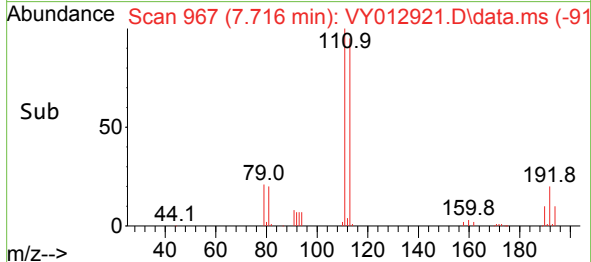
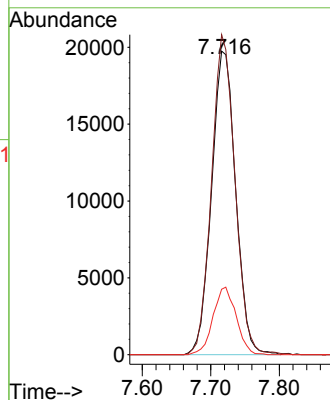
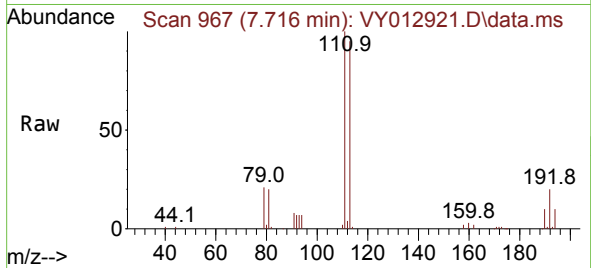




#35
Dibromofluoromethane
Concen: 54.739 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

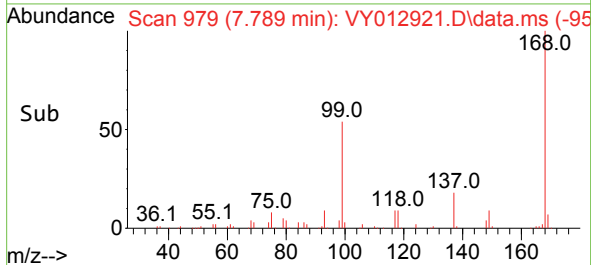
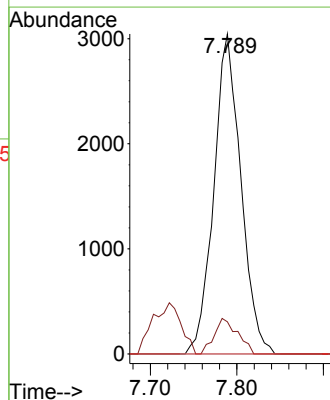
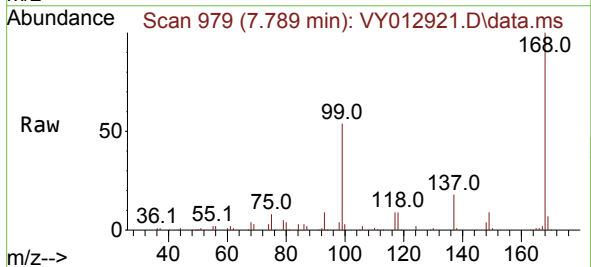
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

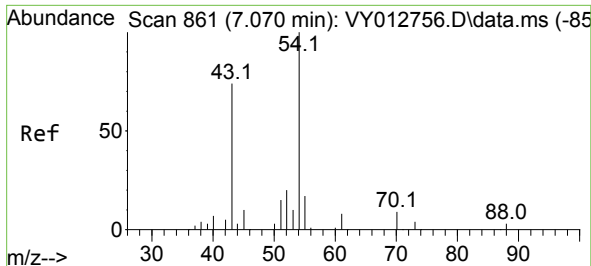
Tgt Ion:113 Resp: 48290
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

Tgt Ion: 75 Resp: 6600
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.3#
77 0.0 25.0 37.4#

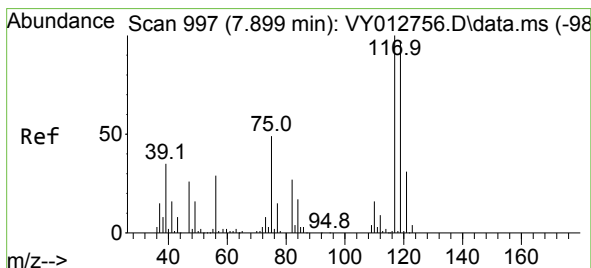
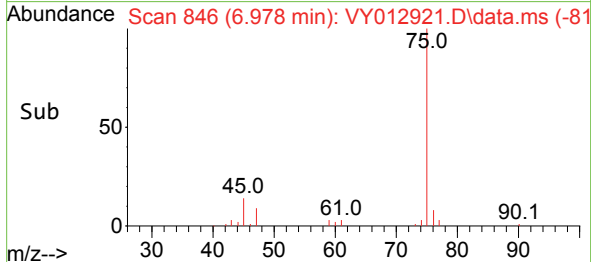
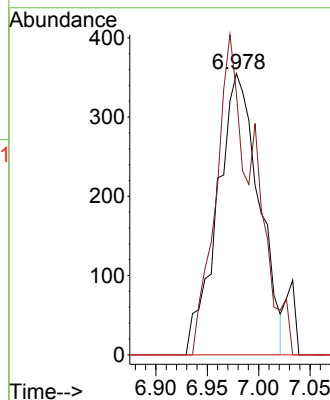
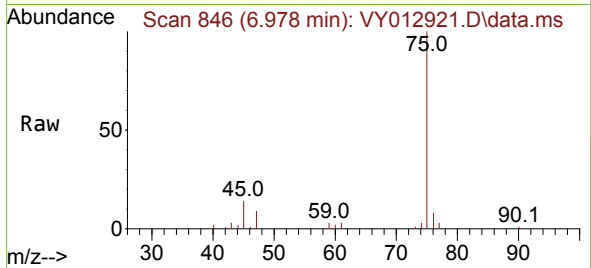




#37
Ethyl Acetate
Concen: 1.076 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

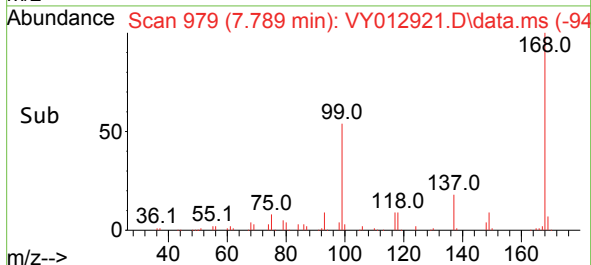
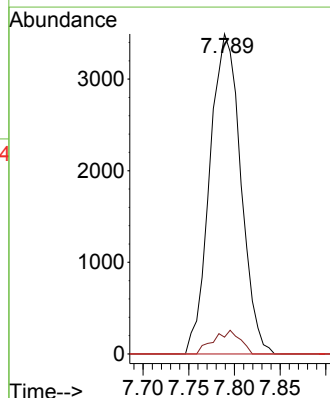
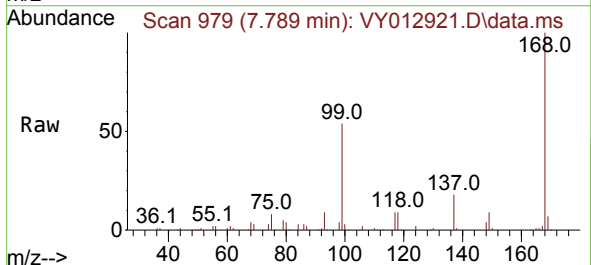
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

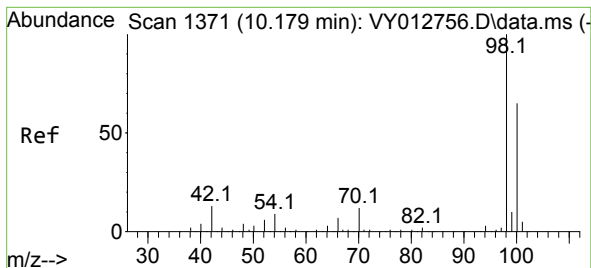
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
61 103.9 10.7 16.1#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

Tgt Ion: 117 Resp: 8244
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.271 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012921.D

Acq: 13 Mar 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

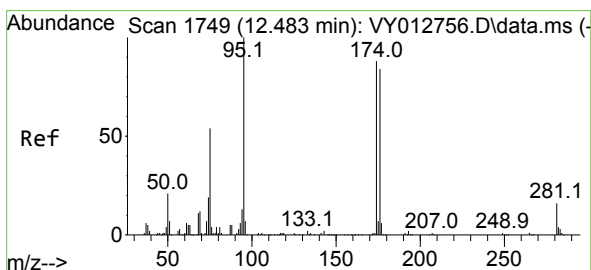
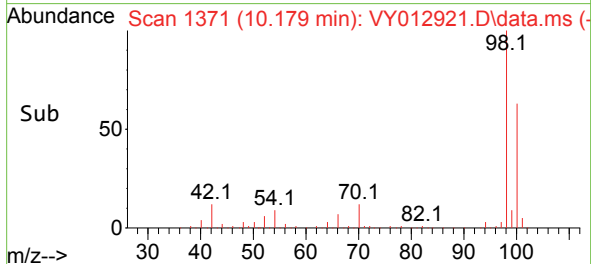
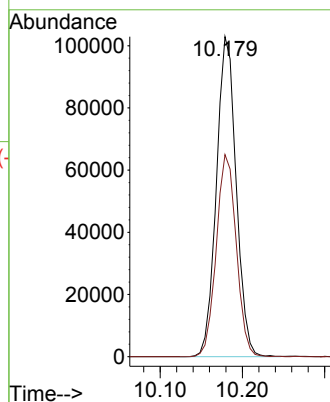
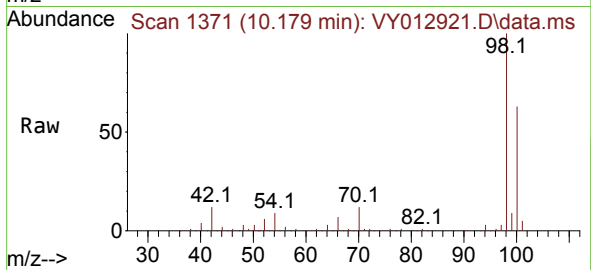
VY0313SBL01

Tgt Ion: 98 Resp: 171807

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.393 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012921.D

Acq: 13 Mar 2023 11:47

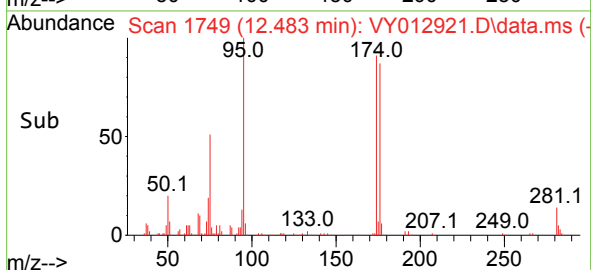
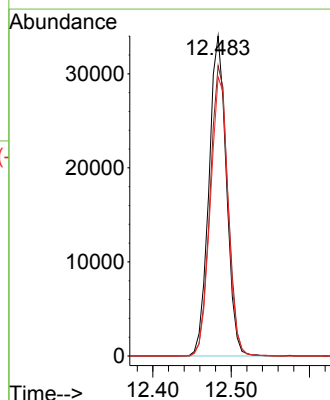
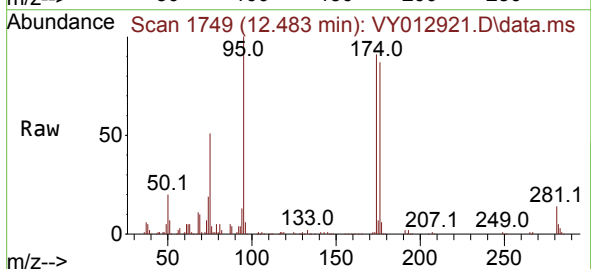
Tgt Ion: 95 Resp: 52679

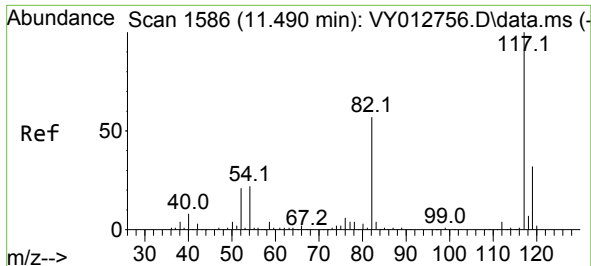
Ion Ratio Lower Upper

95 100

174 93.0 0.0 176.6

176 88.6 0.0 170.2

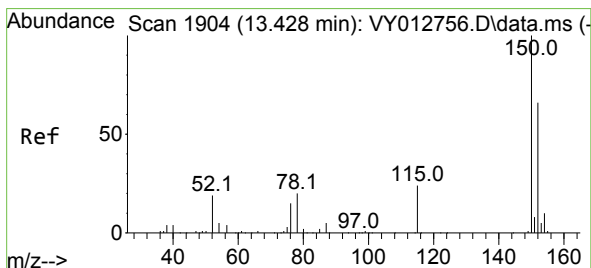
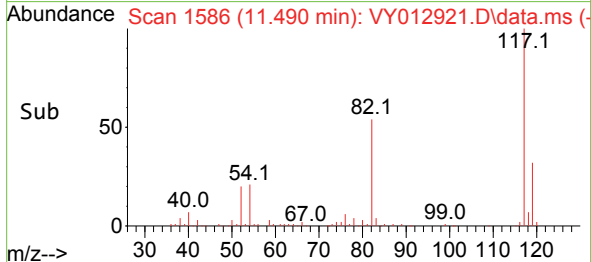
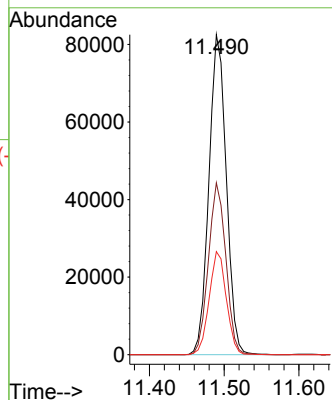
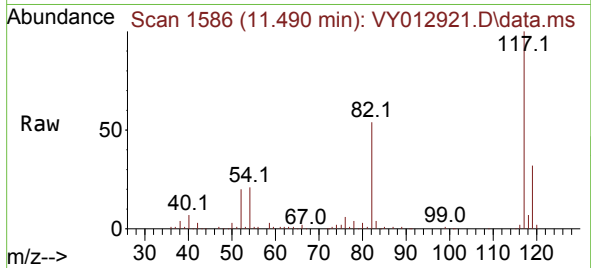




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

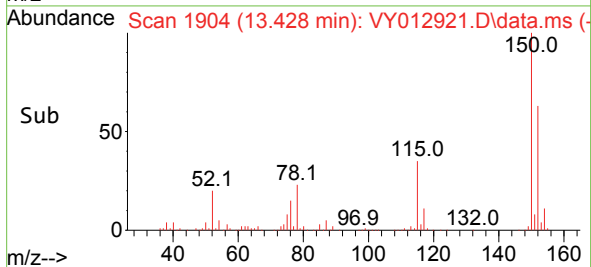
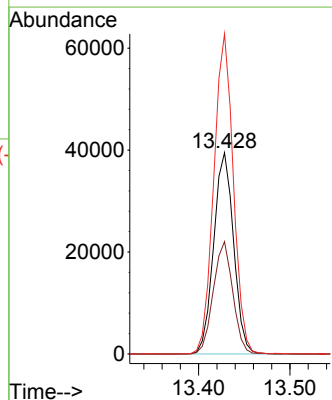
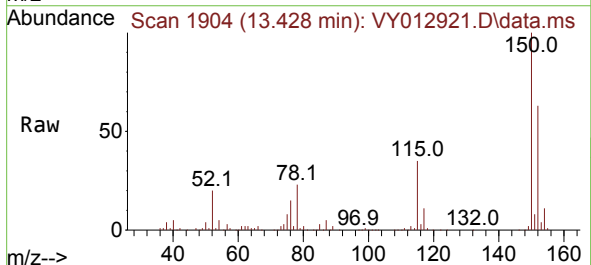
Instrument :
MSVOA_Y
ClientSampleId :
VY0313SBL01

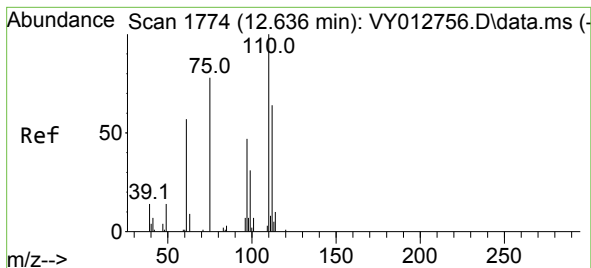
Tgt Ion:117 Resp: 133242
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012921.D
Acq: 13 Mar 2023 11:47

Tgt Ion:152 Resp: 59828
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.3
150 155.8 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 38.256 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012921.D

Acq: 13 Mar 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

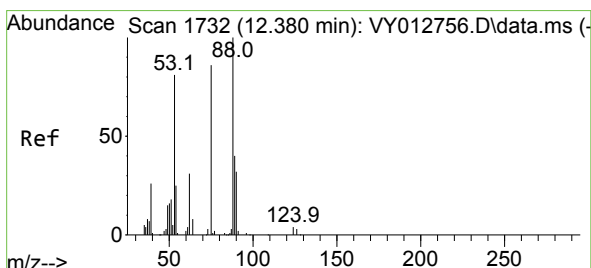
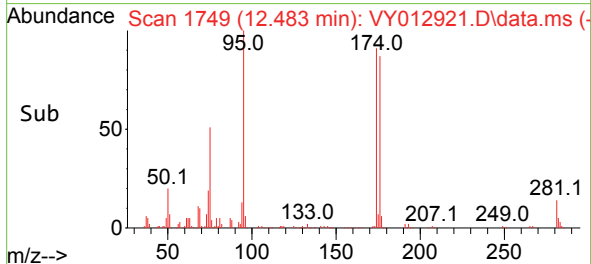
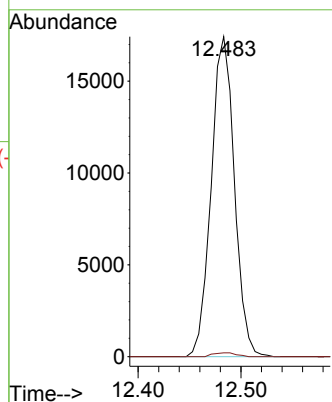
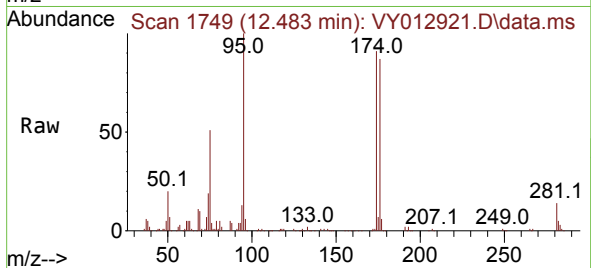
VY0313SBL01

Tgt Ion: 75 Resp: 27332

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.268 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY012921.D

Acq: 13 Mar 2023 11:47

Tgt Ion: 75 Resp: 27332

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.2 36.6 55.0#

