

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012697.D
 Acq On : 23 Feb 2023 10:30
 Operator : KP/MD
 Sample : VY0223SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBL01

Quant Time: Feb 23 23:50:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	126284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105125	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81688	54.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.540%
35) Dibromofluoromethane	7.716	113	78882	49.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.179	98	285692	47.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.483	95	95171	49.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.820%

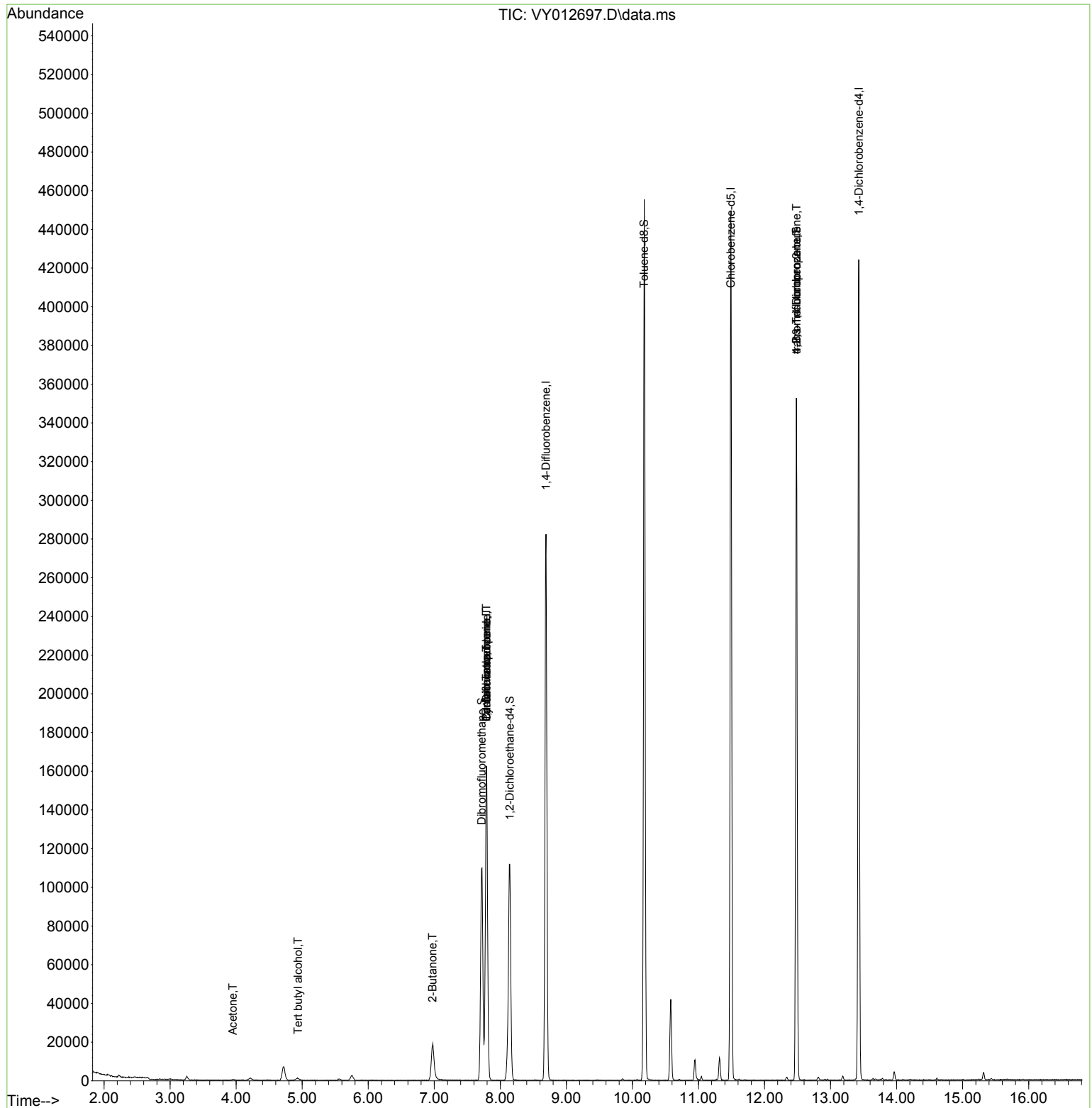
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	361	Below Cal	#	81
11) Tert butyl alcohol	4.936	59	1331	8.158	ug/l #	74
16) Acetone	3.948	43	896	1.841	ug/l #	72
20) Methylene Chloride	4.716	84	5239	Below Cal		87
25) 2-Butanone	6.972	43	1373	2.126	ug/l #	52
31) Cyclohexane	7.789	56	2626	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10062	3.991	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12434	4.770	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51459	39.265	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51459	83.182	ug/l #	10

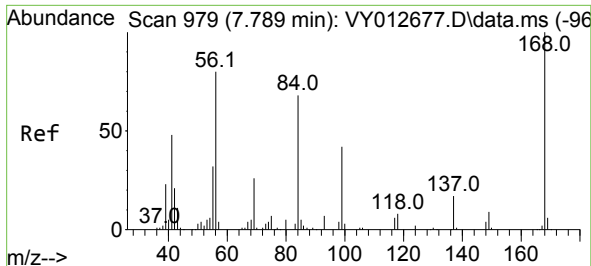
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
Data File : VY012697.D
Acq On : 23 Feb 2023 10:30
Operator : KP/MD
Sample : VY0223SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

Quant Time: Feb 23 23:50:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

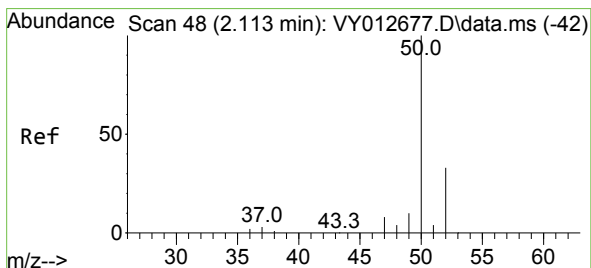
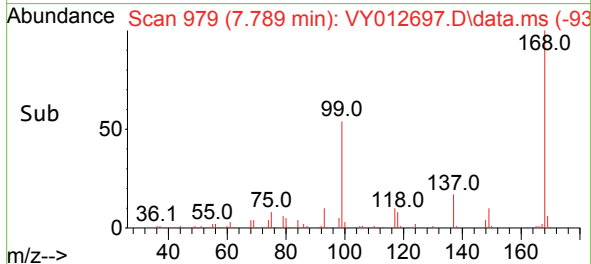
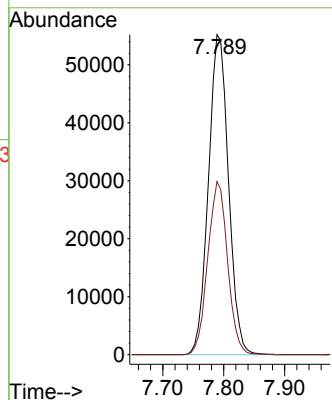
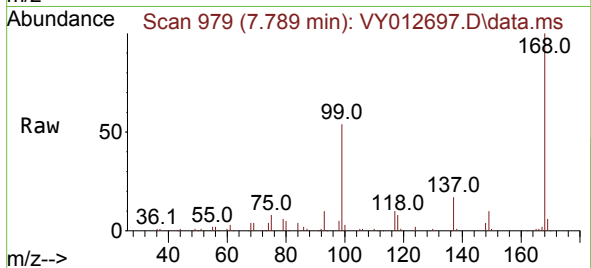




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

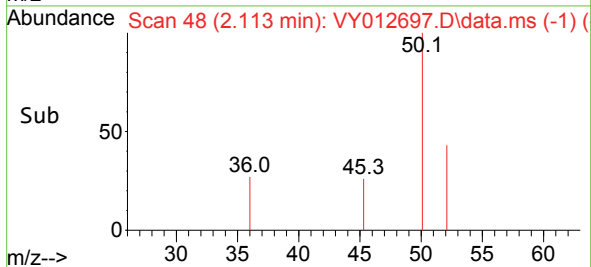
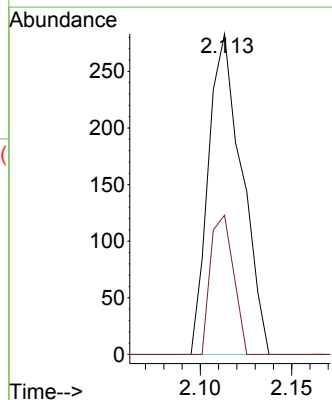
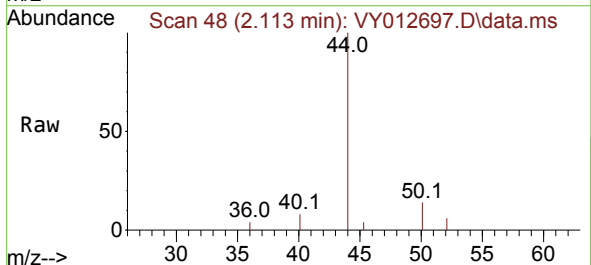
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

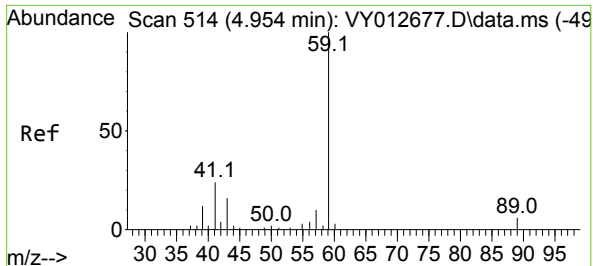
Tgt Ion:168 Resp: 126284
Ion Ratio Lower Upper
168 100
99 54.1 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 43.5 26.1 39.1#





#11

Tert butyl alcohol

Concen: 8.158 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.018 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

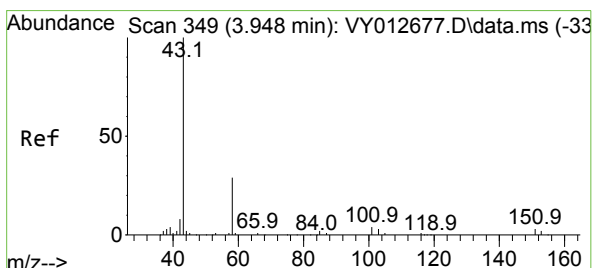
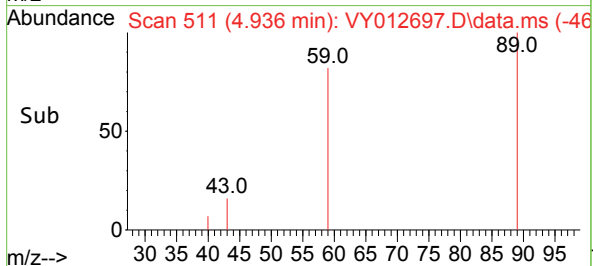
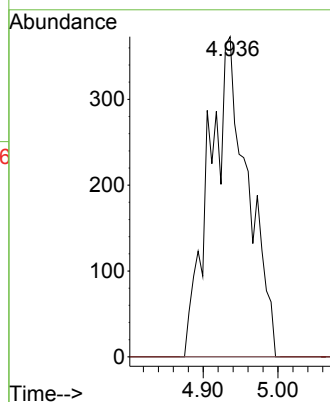
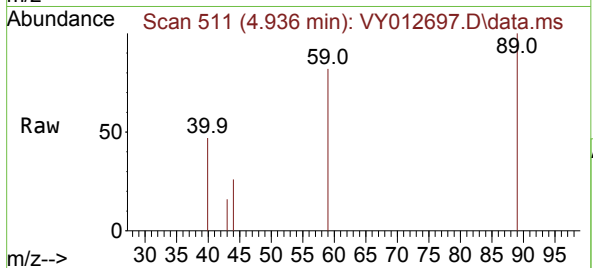
VY0223SBL01

Tgt Ion: 59 Resp: 1331

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 1.841 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY012697.D

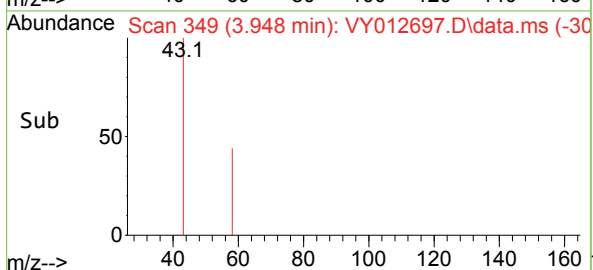
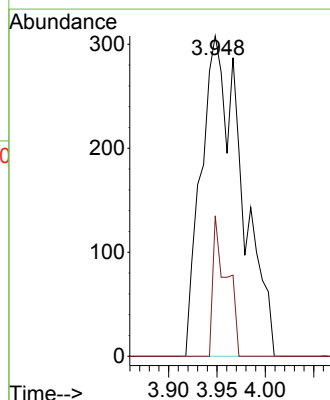
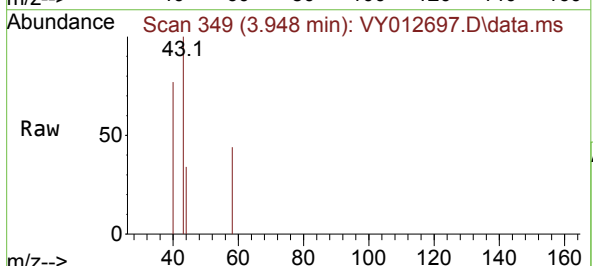
Acq: 23 Feb 2023 10:30

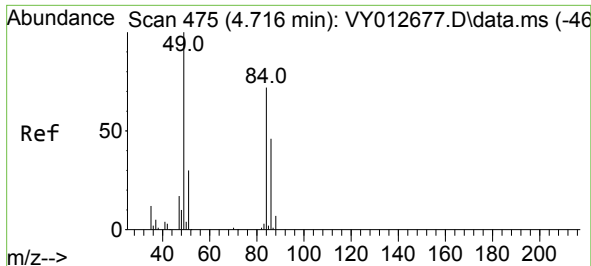
Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

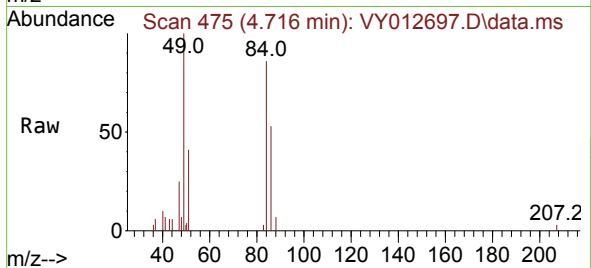
58 43.8 23.3 34.9#



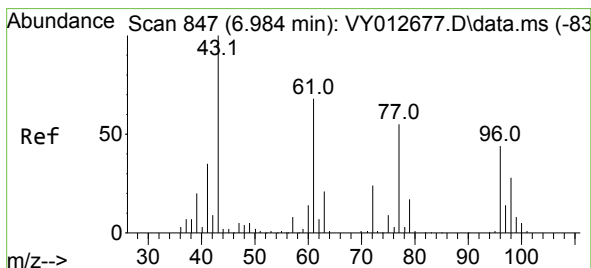
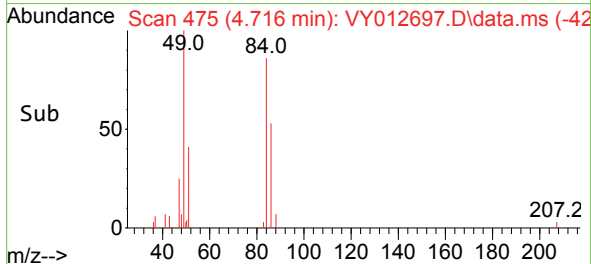
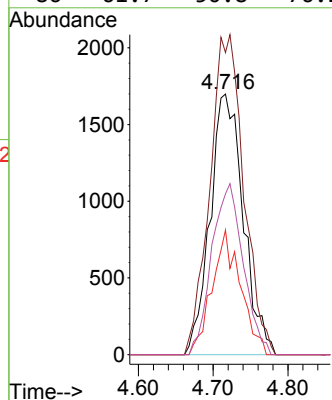


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

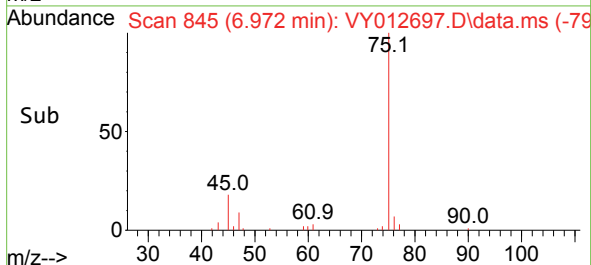
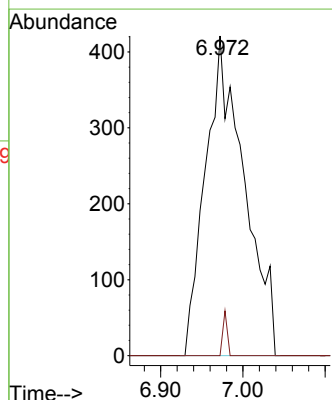
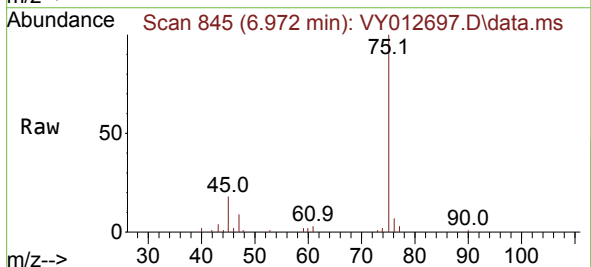


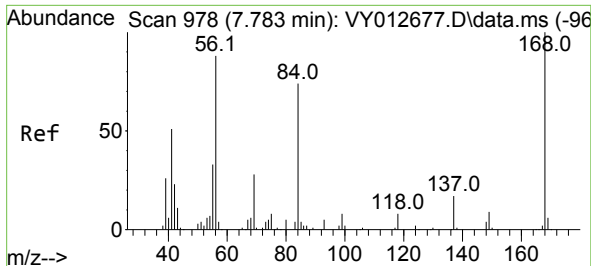
Tgt Ion:	84	Resp:	5239
Ion	Ratio	Lower	Upper
84	100		
49	115.9	111.1	166.7
51	47.8	33.5	50.3
86	61.7	50.8	76.2



#25
2-Butanone
Concen: 2.126 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

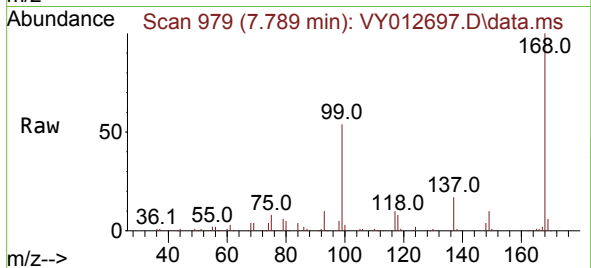
Tgt Ion:	43	Resp:	1373
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.8	28.2#



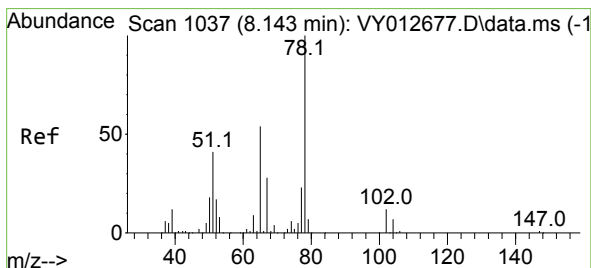
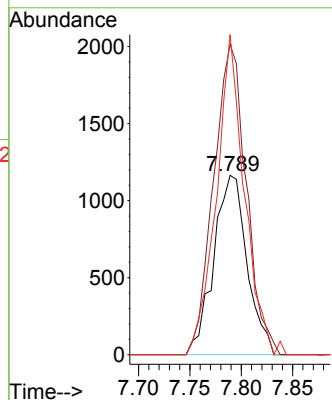
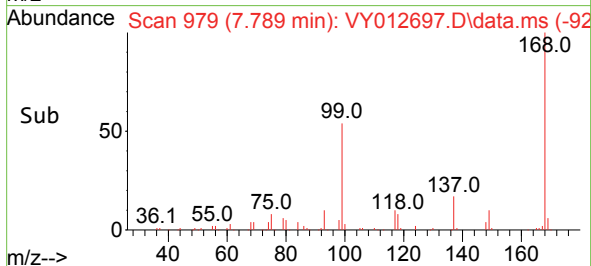


#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

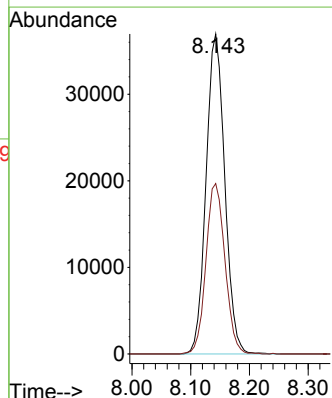
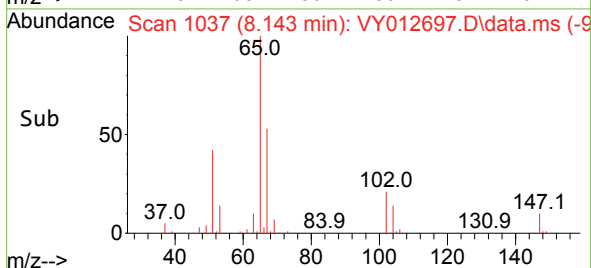
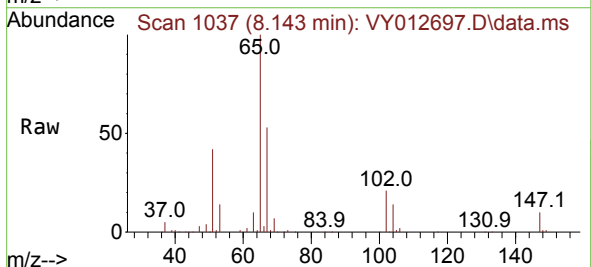


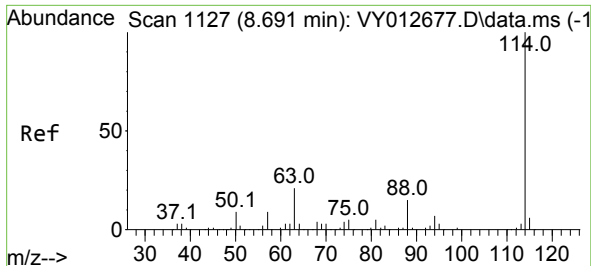
Tgt Ion: 56 Resp: 2626
Ion Ratio Lower Upper
56 100
69 173.1 25.4 38.2#
84 178.4 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 54.770 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

Tgt Ion: 65 Resp: 81688
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBL01

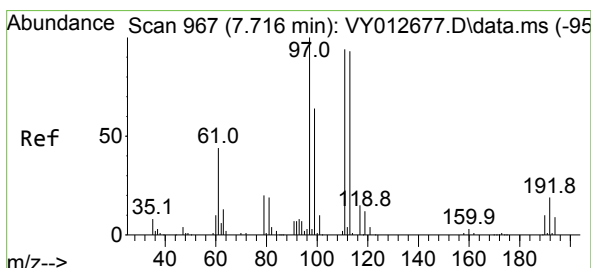
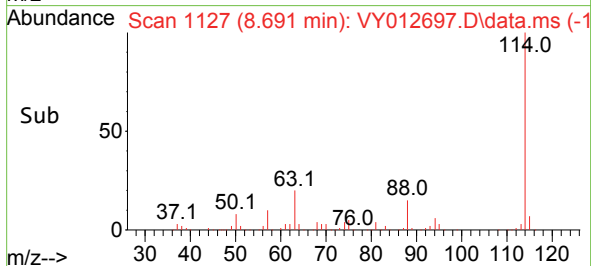
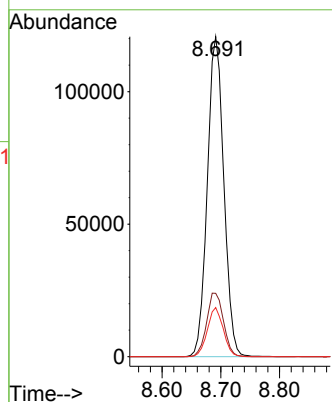
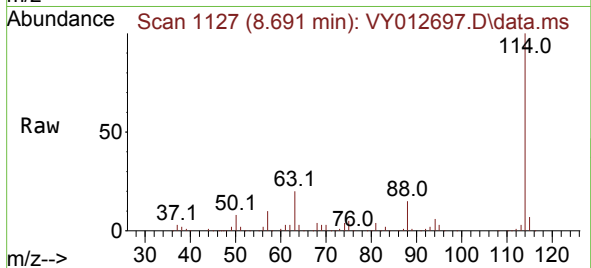
Tgt Ion:114 Resp: 235490

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 15.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.593 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

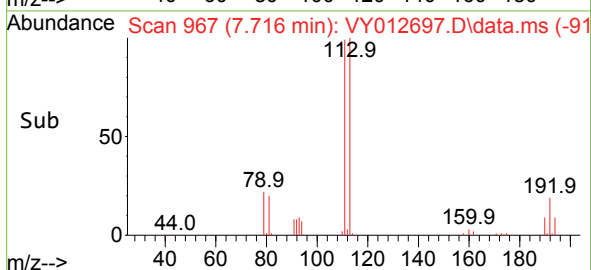
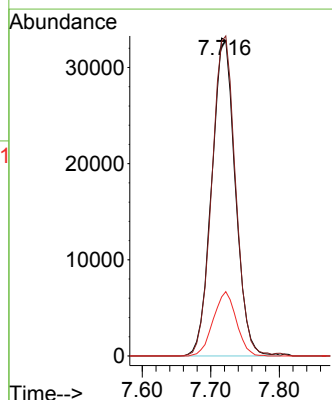
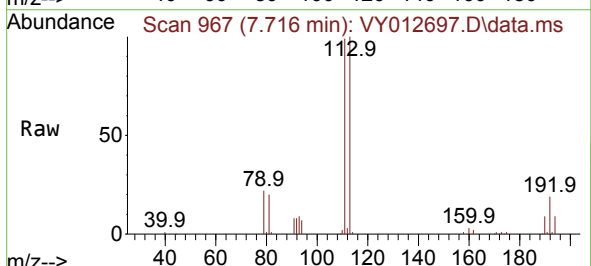
Tgt Ion:113 Resp: 78882

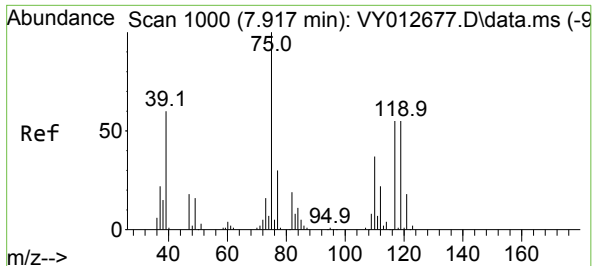
Ion Ratio Lower Upper

113 100

111 100.9 82.0 123.0

192 19.8 16.2 24.2





#36

1,1-Dichloropropene

Concen: 3.991 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBL01

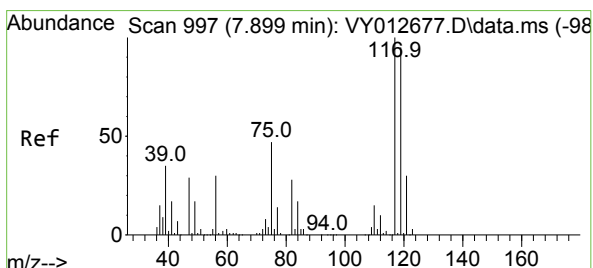
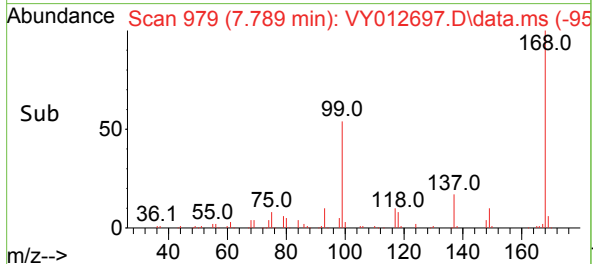
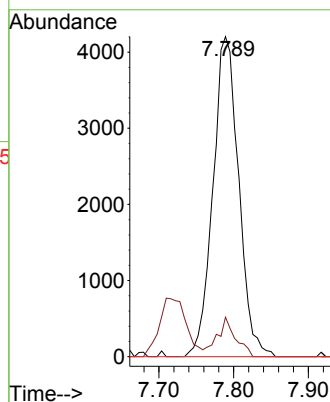
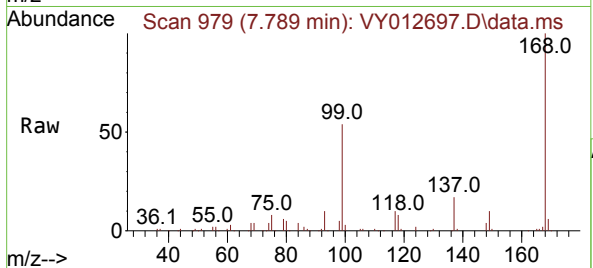
Tgt Ion: 75 Resp: 10062

Ion Ratio Lower Upper

75 100

110 8.8 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.770 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

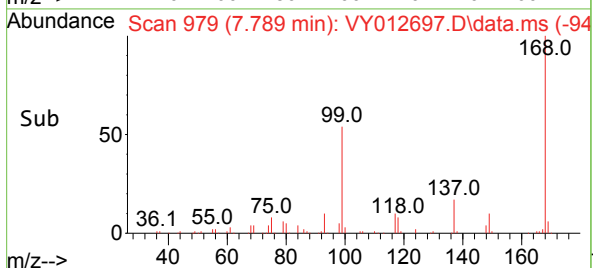
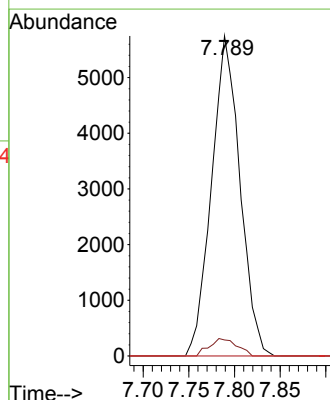
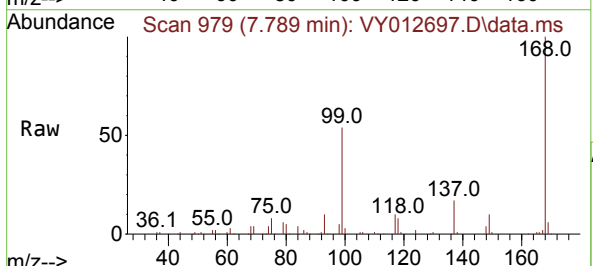
Tgt Ion: 117 Resp: 12434

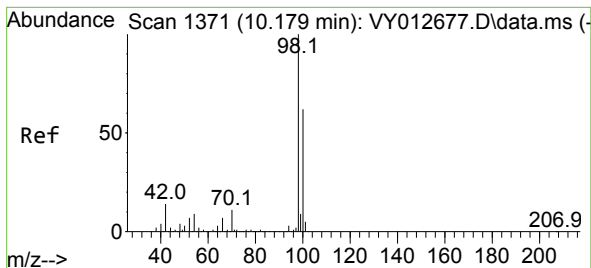
Ion Ratio Lower Upper

117 100

119 5.0 75.5 113.3#

121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 47.943 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

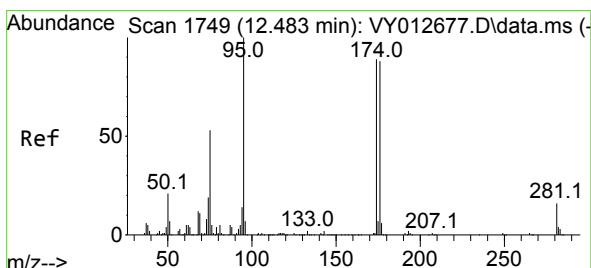
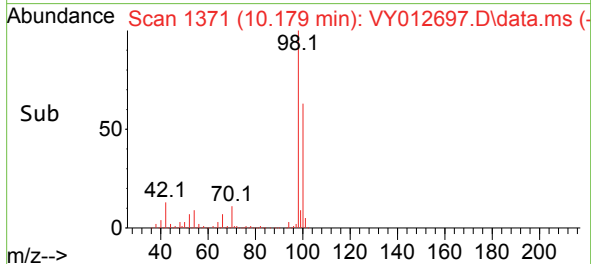
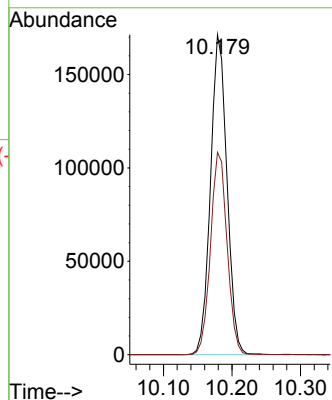
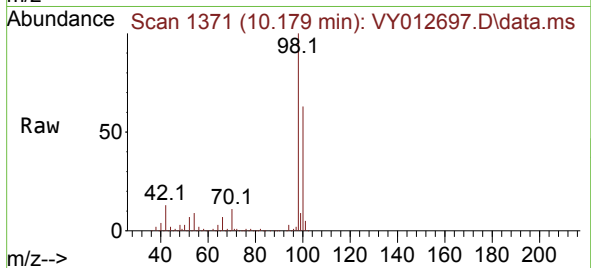
VY0223SBL01

Tgt Ion: 98 Resp: 285692

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.908 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

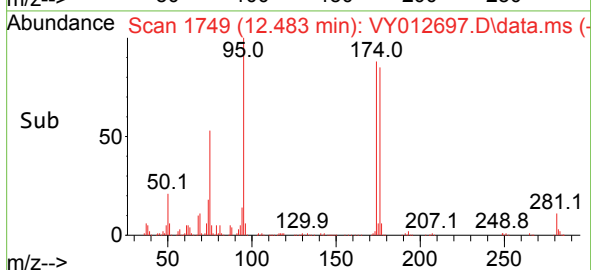
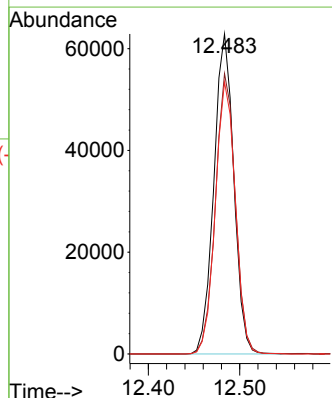
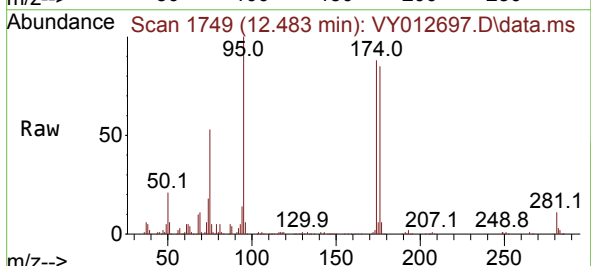
Tgt Ion: 95 Resp: 95171

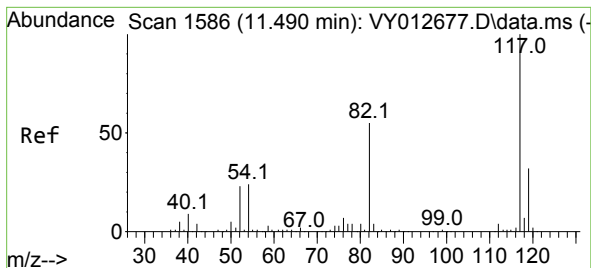
Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.8

176 85.6 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBL01

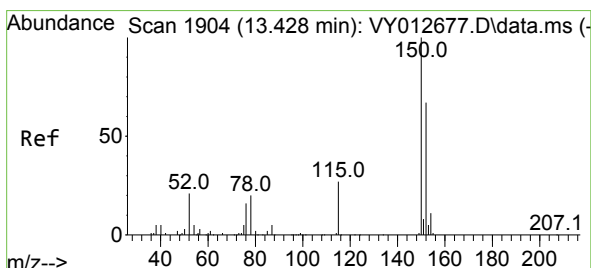
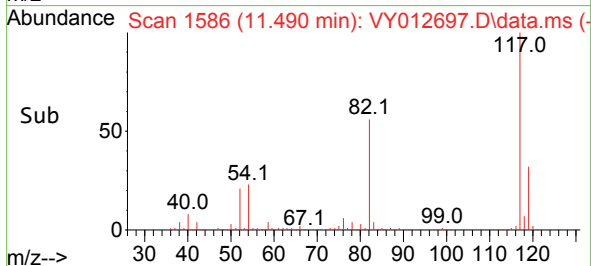
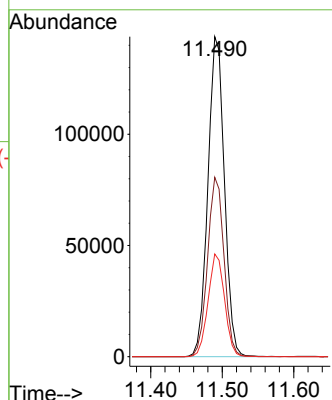
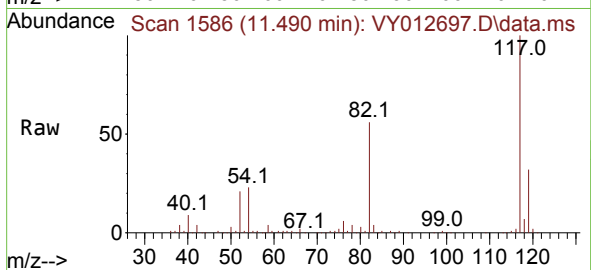
Tgt Ion:117 Resp: 230349

Ion Ratio Lower Upper

117 100

82 56.0 44.1 66.1

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012697.D

Acq: 23 Feb 2023 10:30

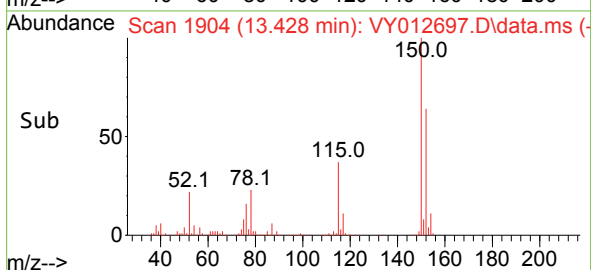
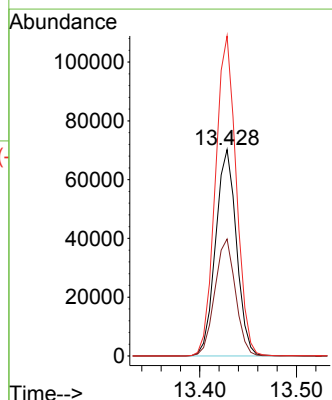
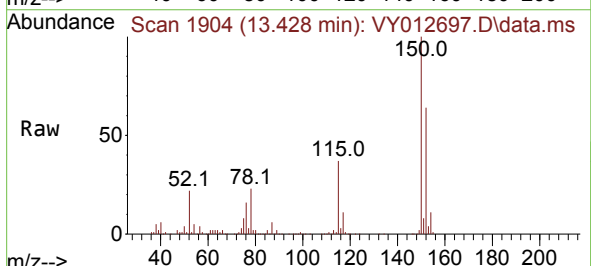
Tgt Ion:152 Resp: 105125

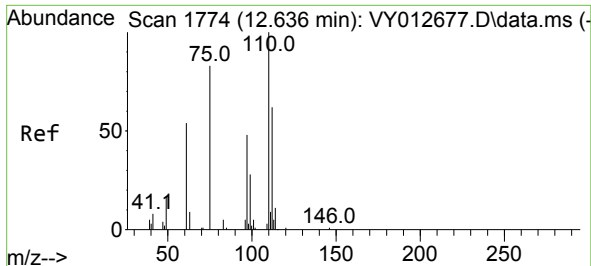
Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.3

150 155.0 0.0 347.6

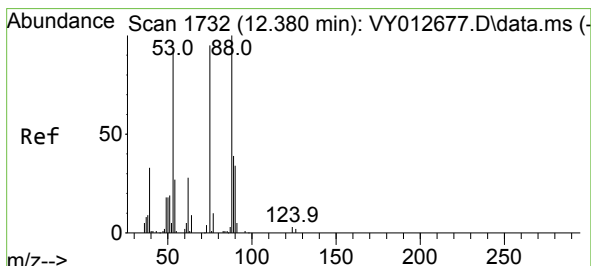
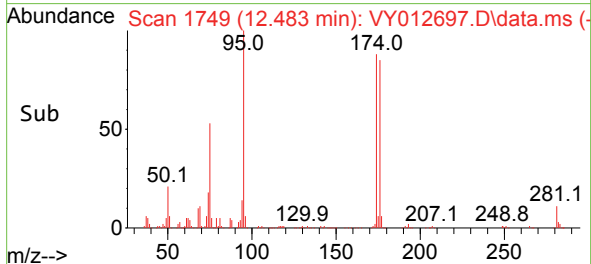
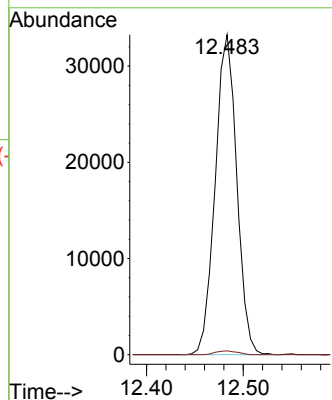
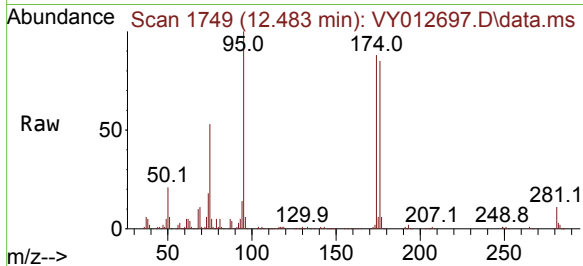




#76
1,2,3-Trichloropropane
Concen: 39.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

Tgt Ion: 75 Resp: 51459
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012697.D
Acq: 23 Feb 2023 10:30

Tgt Ion: 75 Resp: 51459
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.0 36.5 54.7#

