

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061920\
 Data File : VY002955.D
 Acq On : 19 Jun 2020 22:10
 Operator : SY/MD
 Sample : L3030-01RE
 Misc : 7.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(8-10)

Quant Time: Jun 20 03:59:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	423786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215728	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	133419	59.41	ug/l	0.00
Spiked Amount			Recovery	=	118.82%	
35) Dibromofluoromethane	7.72	113	139689	55.21	ug/l	0.00
Spiked Amount			Recovery	=	110.42%	
50) Toluene-d8	10.18	98	529741	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.48	95	182789	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	

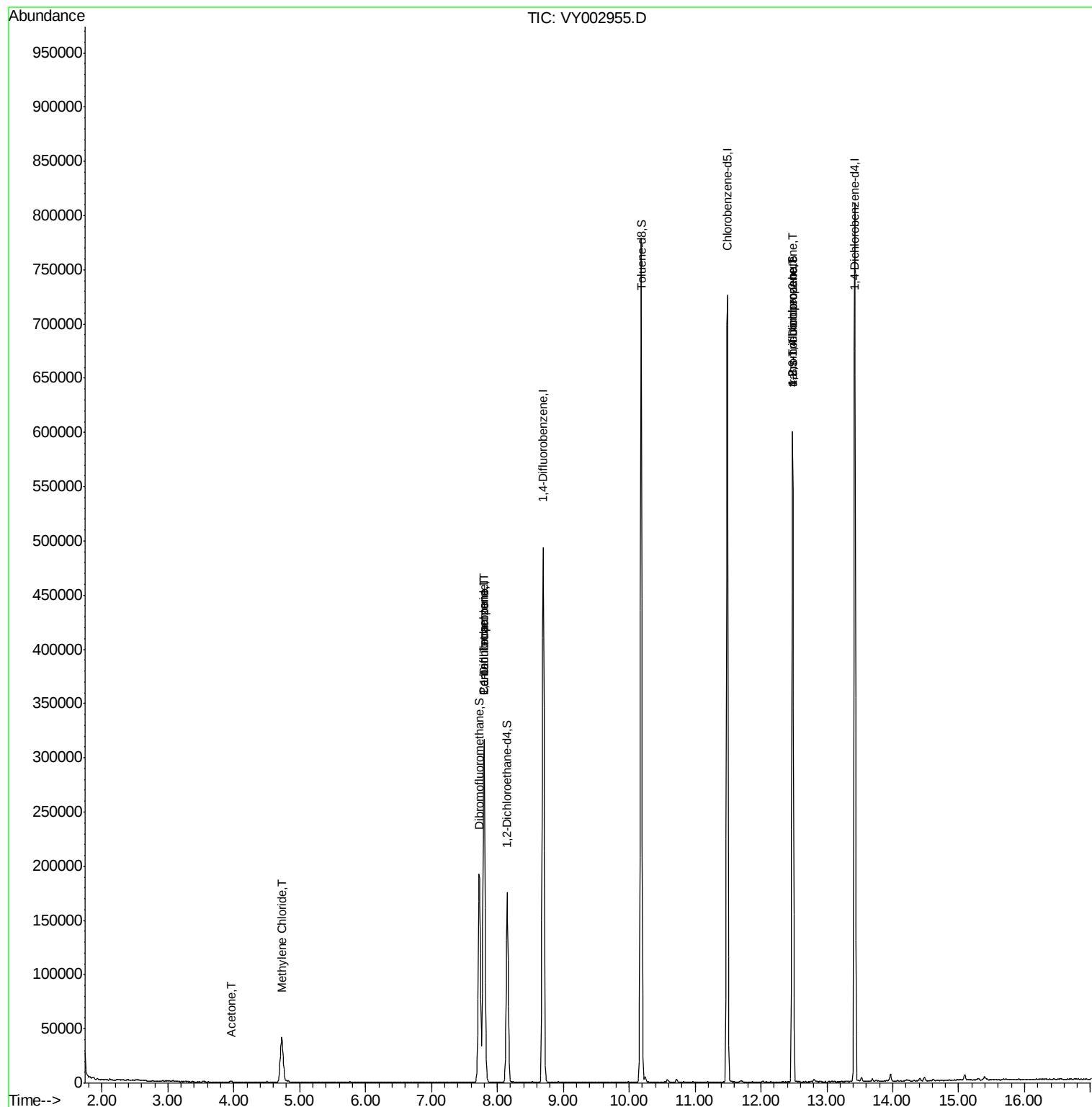
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	25	Below Cal	#	74
16) Acetone	3.96	43	902	1.622	ug/l #	80
18) Methyl Acetate	4.50	43	1011	Below Cal	#	68
20) Methylene Chloride	4.72	84	34552	7.133	ug/l	93
36) 1,1-Dichloropropene	7.80	75	16430	4.524	ug/l #	48
38) Carbon Tetrachloride	7.80	117	24247	6.058	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	86663	46.128	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	86663	88.067	ug/l #	16

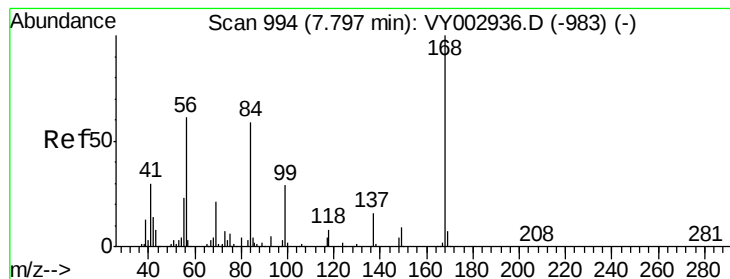
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

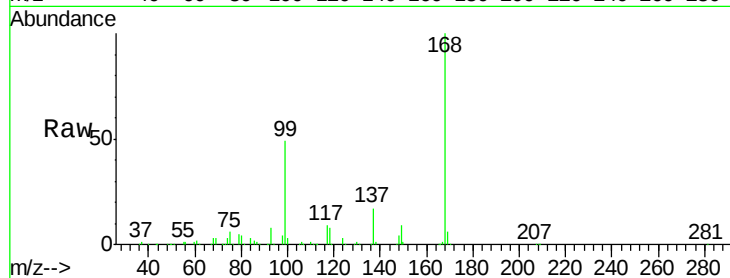
SB-01(8-10)

Tgt Ion:168 Resp: 271885

Ion Ratio Lower Upper

168 100

99 48.8 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

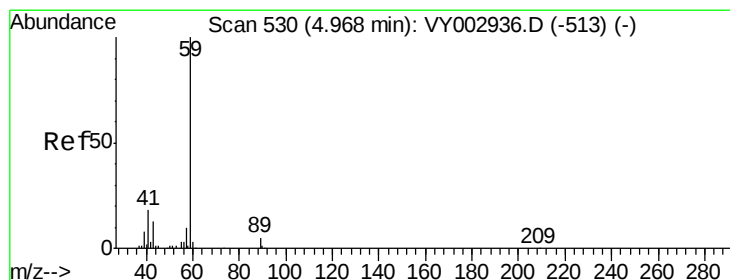
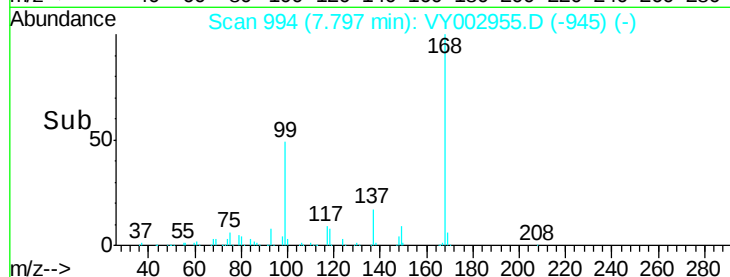
7.80

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 529

Delta R.T. -0.01 min

Lab File: VY002955.D

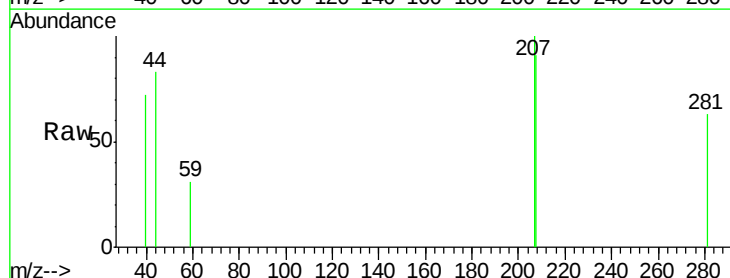
Acq: 19 Jun 2020 22:10

Tgt Ion: 59 Resp: 25

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY002936.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY002936.D (-513) (-)

4.96

80

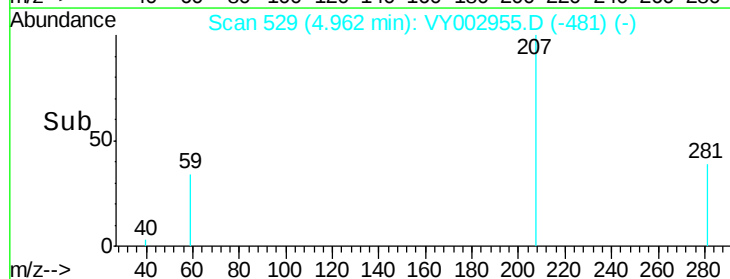
60

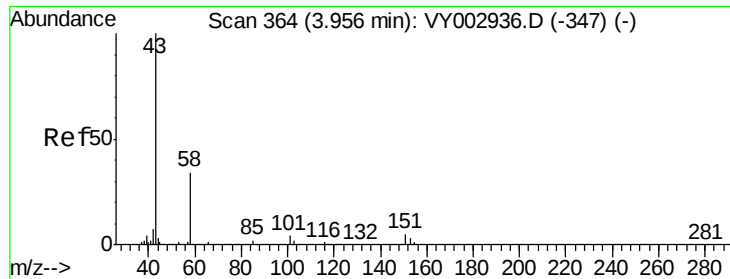
40

20

0

Time-->





#16

Acetone

Concen: 1.622 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

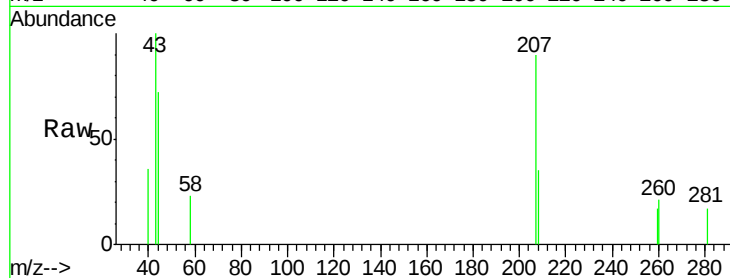
SB-01(8-10)

Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

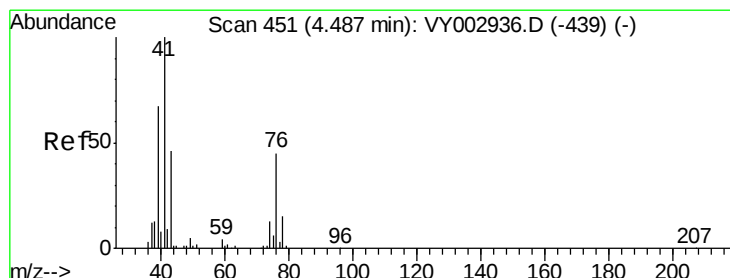
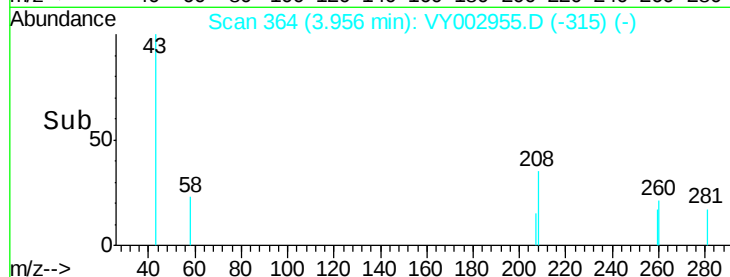
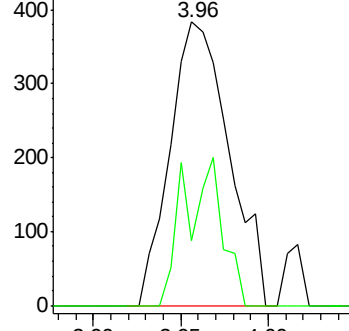
43 100

58 22.7 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.50 min Scan# 453

Delta R.T. 0.01 min

Lab File: VY002955.D

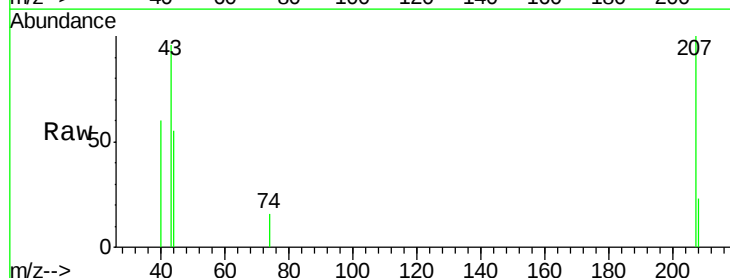
Acq: 19 Jun 2020 22:10

Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

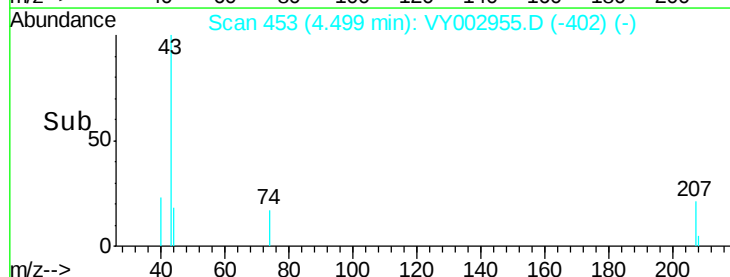
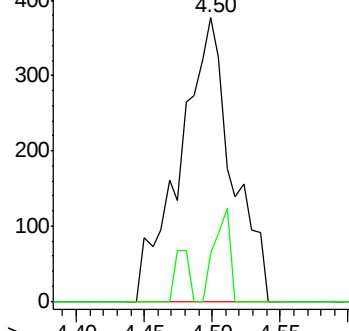
43 100

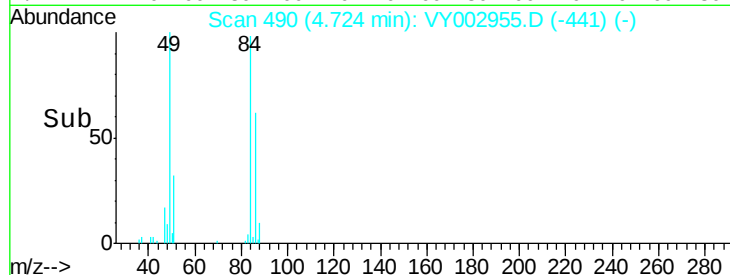
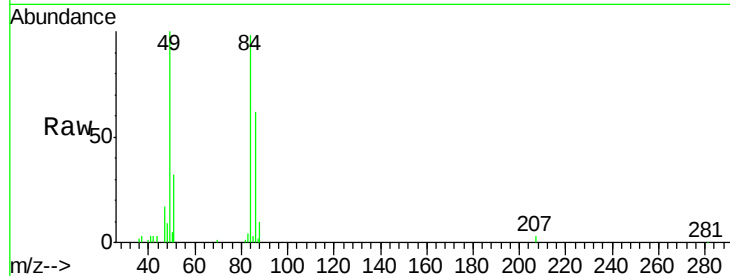
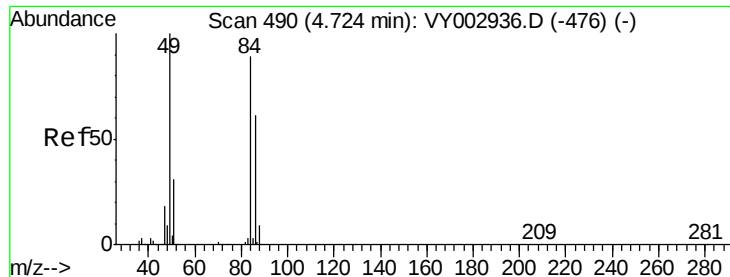
74 10.1 21.1 31.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

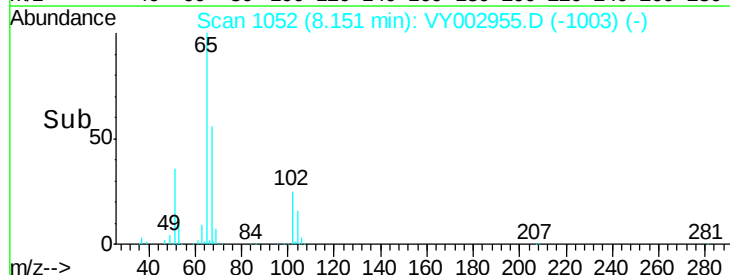
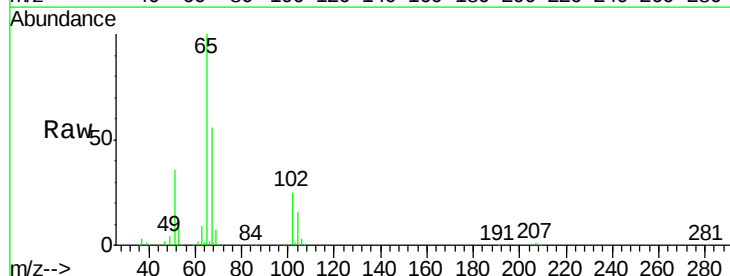
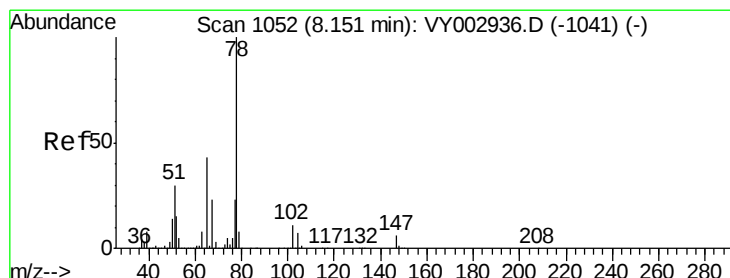
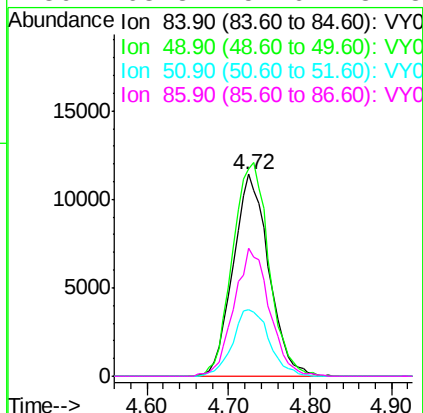




#20
Methylene Chloride
Concen: 7.133 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002955.D
Acq: 19 Jun 2020 22:10

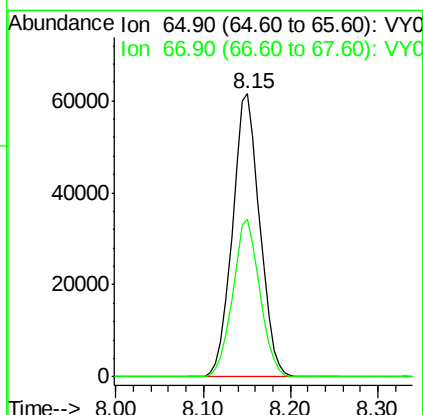
Instrument :
MSVOA_Y
ClientSampled :
SB-01(8-10)

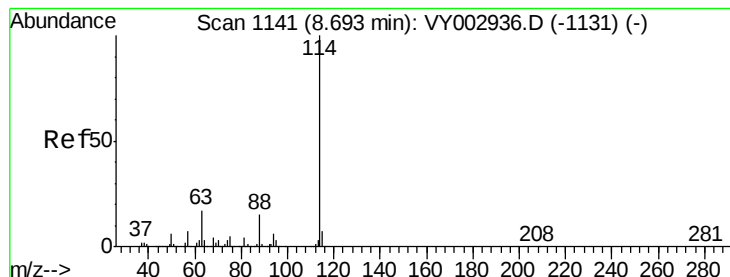
Tgt Ion: 84 Resp: 34552
Ion Ratio Lower Upper
84 100
49 102.4 90.0 135.0
51 32.8 27.9 41.9
86 63.3 54.6 81.8



#33
1,2-Dichloroethane-d4
Concen: 59.410 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002955.D
Acq: 19 Jun 2020 22:10

Tgt Ion: 65 Resp: 133419
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-01(8-10)

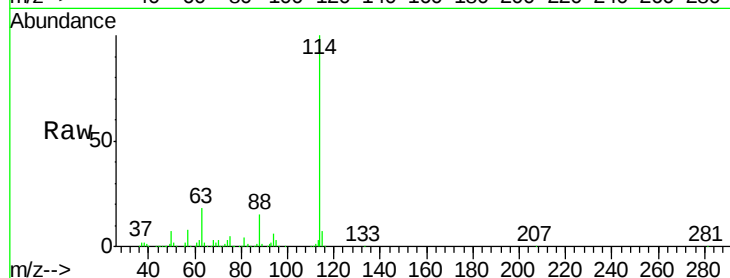
Tgt Ion:114 Resp: 447195

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.6

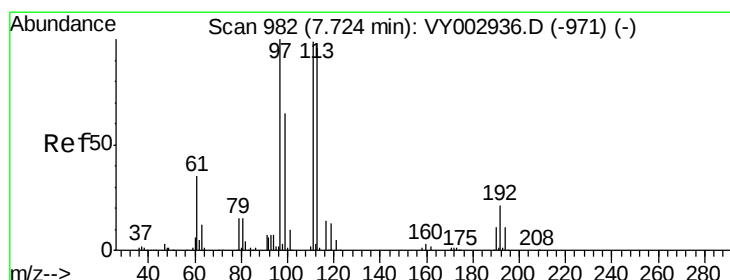
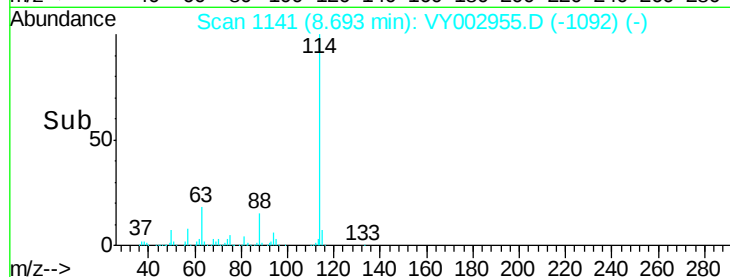
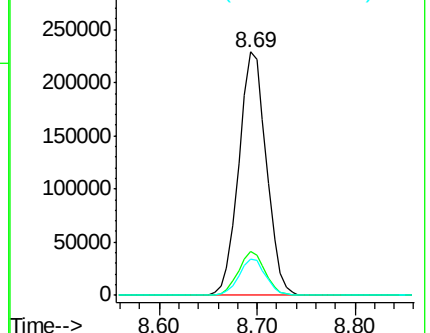
88 14.8 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 55.206 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

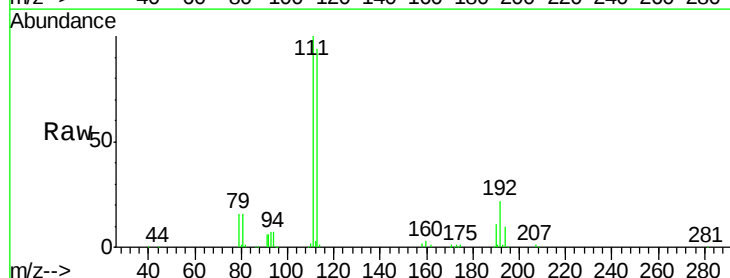
Tgt Ion:113 Resp: 139689

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

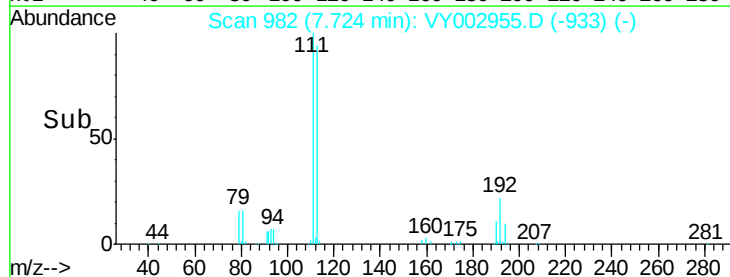
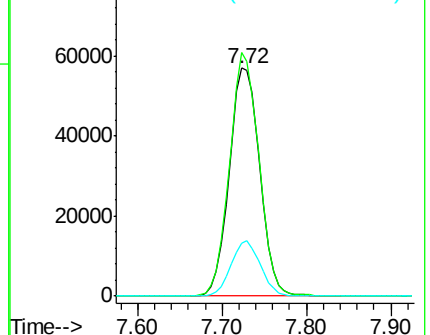
192 23.2 19.2 28.8

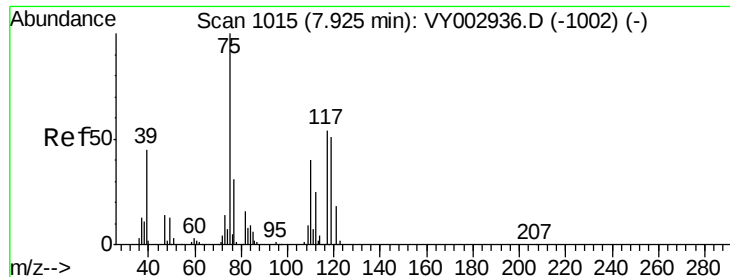


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-01(8-10)

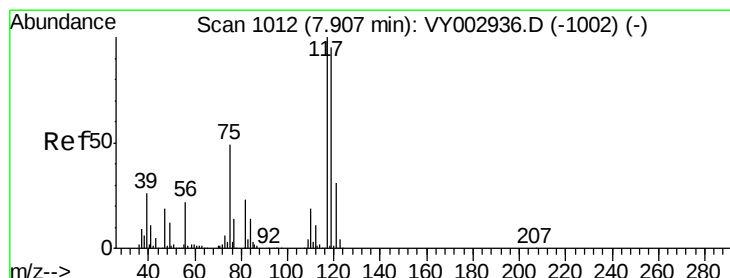
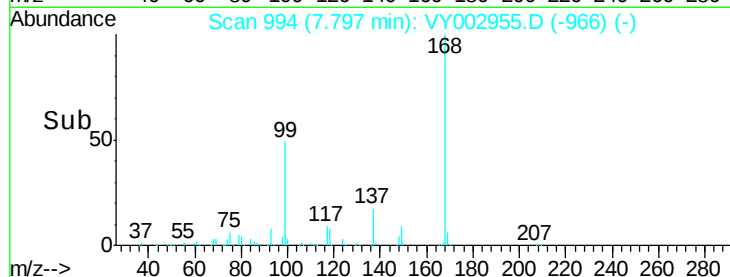
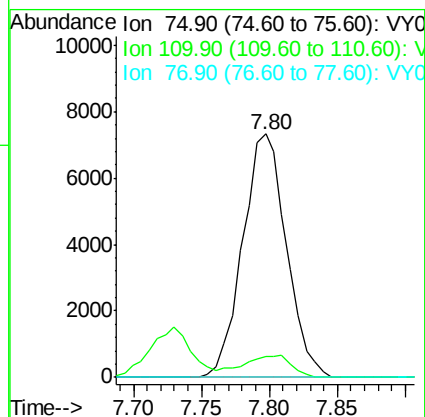
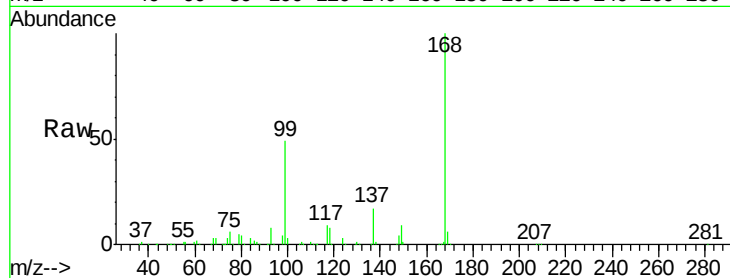
Tgt Ion: 75 Resp: 16430

Ion Ratio Lower Upper

75 100

110 9.4 19.7 59.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.058 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

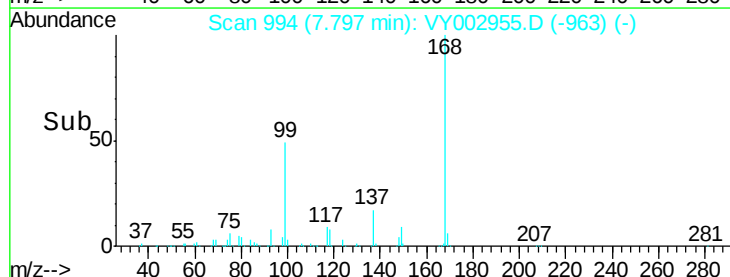
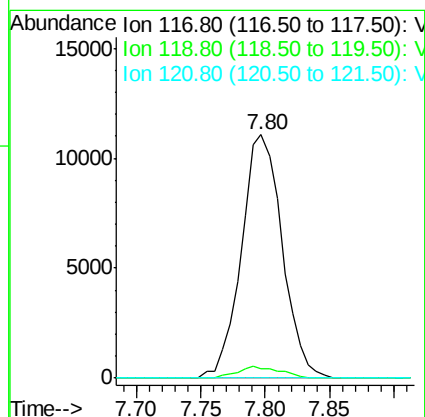
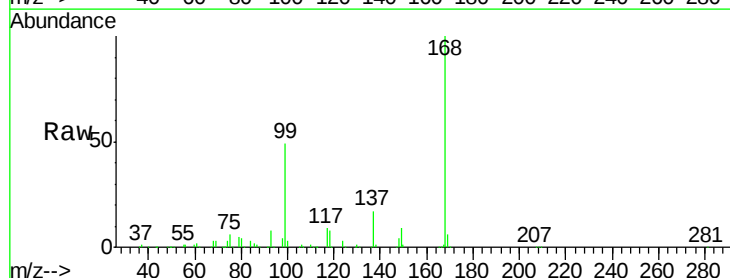
Tgt Ion: 117 Resp: 24247

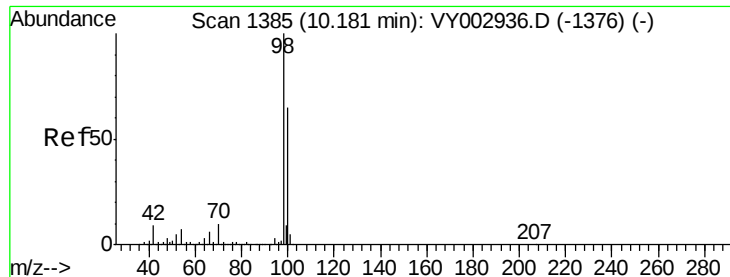
Ion Ratio Lower Upper

117 100

119 3.8 76.1 114.1#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 53.097 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

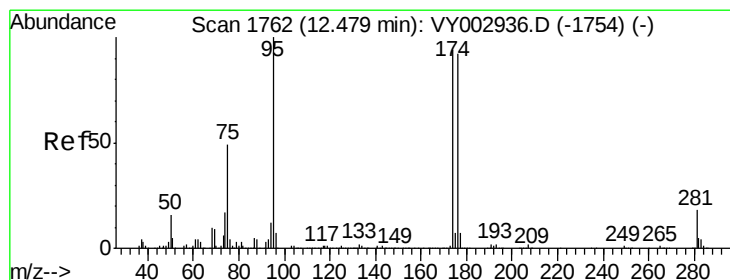
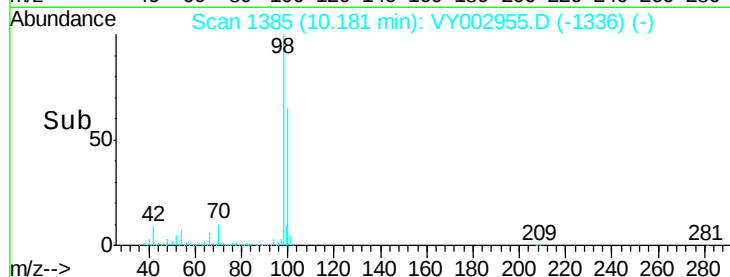
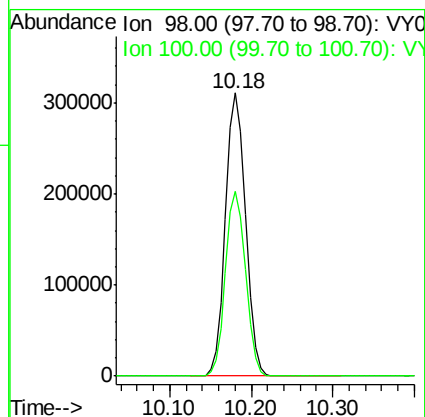
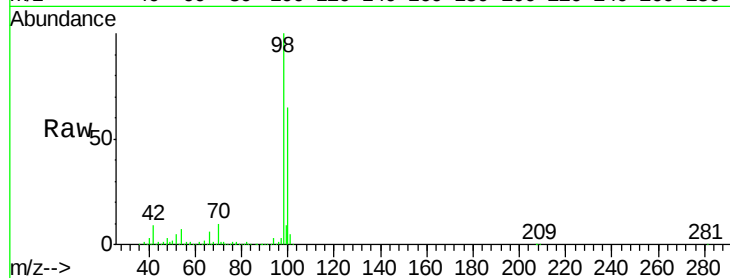
SB-01(8-10)

Tgt Ion: 98 Resp: 529741

Ion Ratio Lower Upper

98 100

100 65.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.817 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

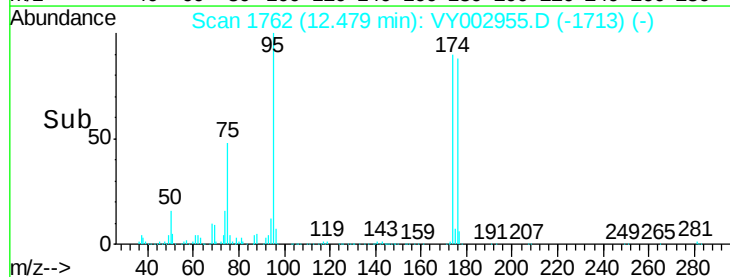
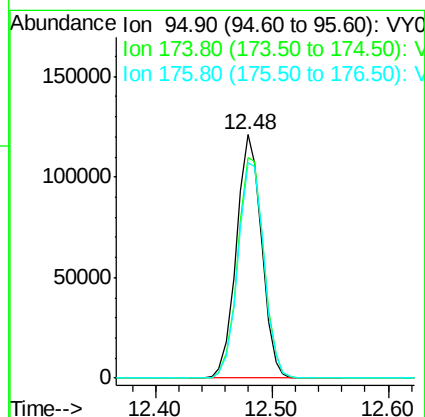
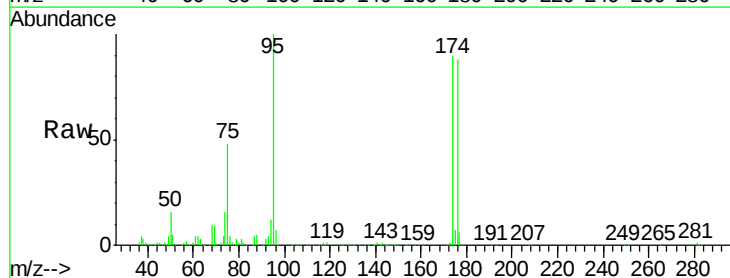
Tgt Ion: 95 Resp: 182789

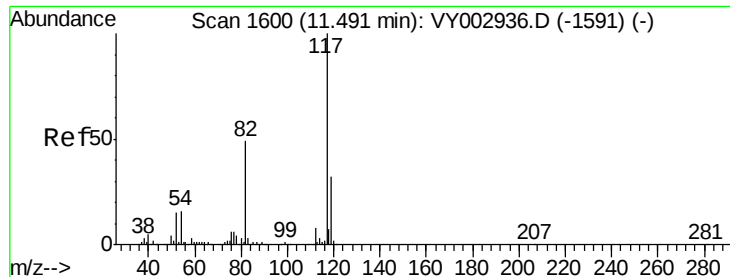
Ion Ratio Lower Upper

95 100

174 93.6 0.0 191.2

176 91.0 0.0 186.0

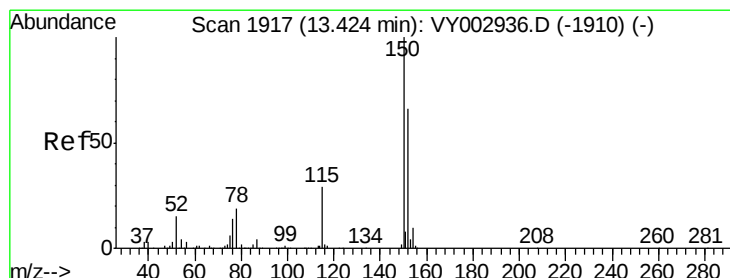
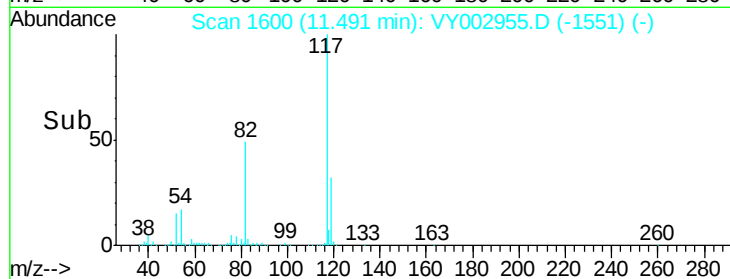
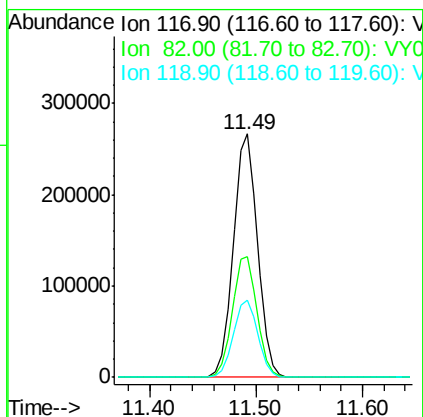
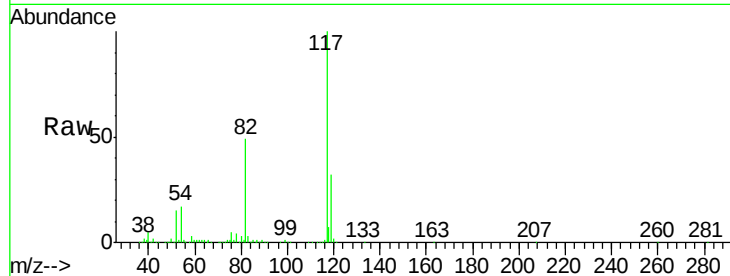




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002955.D
Acq: 19 Jun 2020 22:10

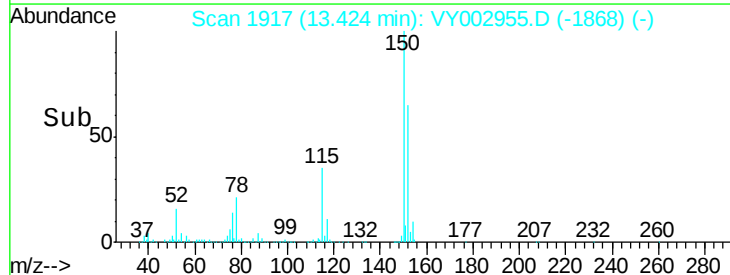
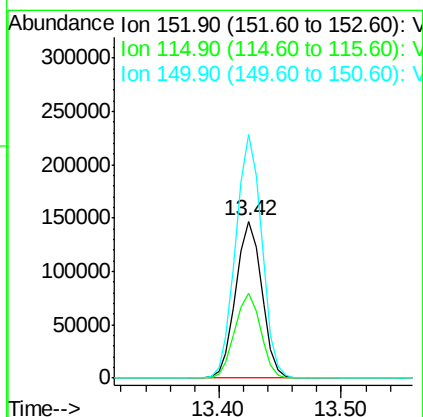
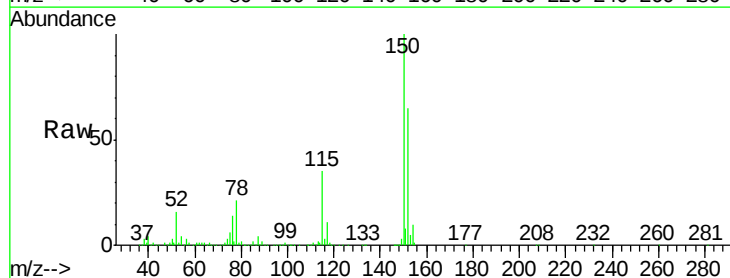
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(8-10)

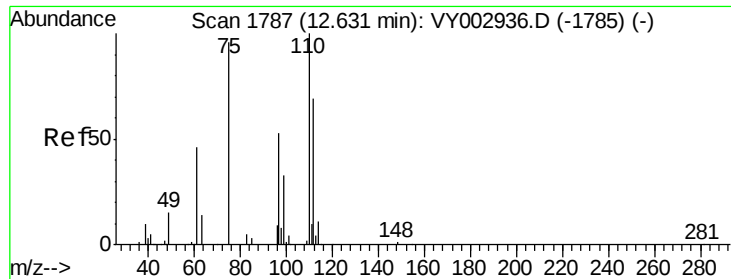
Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.4	39.4	59.0
119	31.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002955.D
Acq: 19 Jun 2020 22:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.6
150	155.9	0.0	341.8





#76

1,2,3-Trichloropropane

Concen: 46.128 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

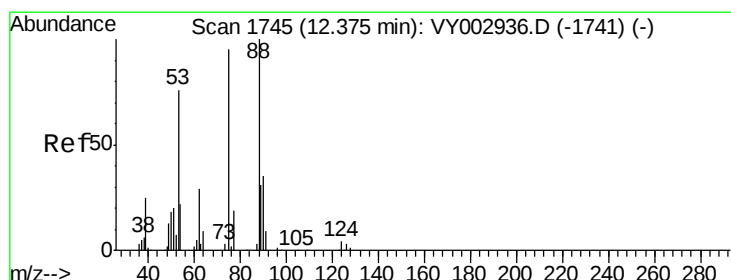
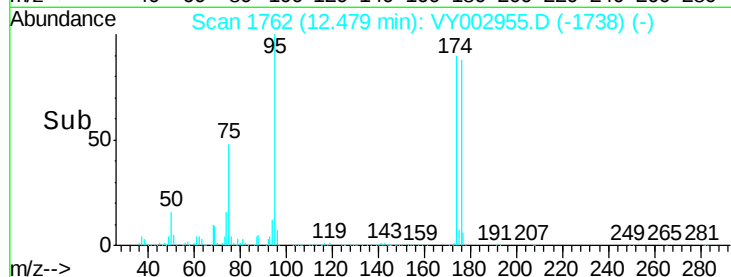
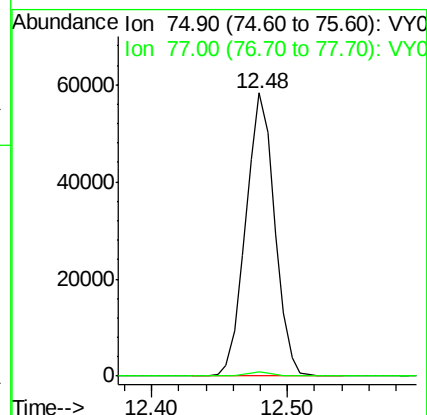
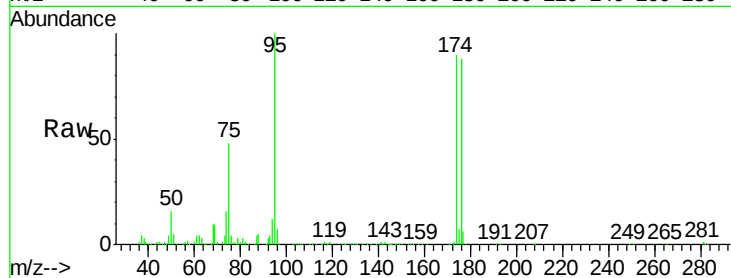
SB-01(8-10)

Tgt Ion: 75 Resp: 86663

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.067 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Tgt Ion: 75 Resp: 86663

Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.0 38.4 57.6#

