

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\NOT REVIEWED DATA\
 Data File : VY001994.D
 Acq On : 17 Mar 2020 13:30
 Operator : SY/MD
 Sample : L1954-05
 Misc : 6.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11(1.5-2.5)

Quant Time: Mar 17 18:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	140713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	269358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	86287	57.44	ug/l	0.00
Spiked Amount			Recovery	=	114.88%	
35) Dibromofluoromethane	7.74	113	80041	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
50) Toluene-d8	10.19	98	325875	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.49	95	109991	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	

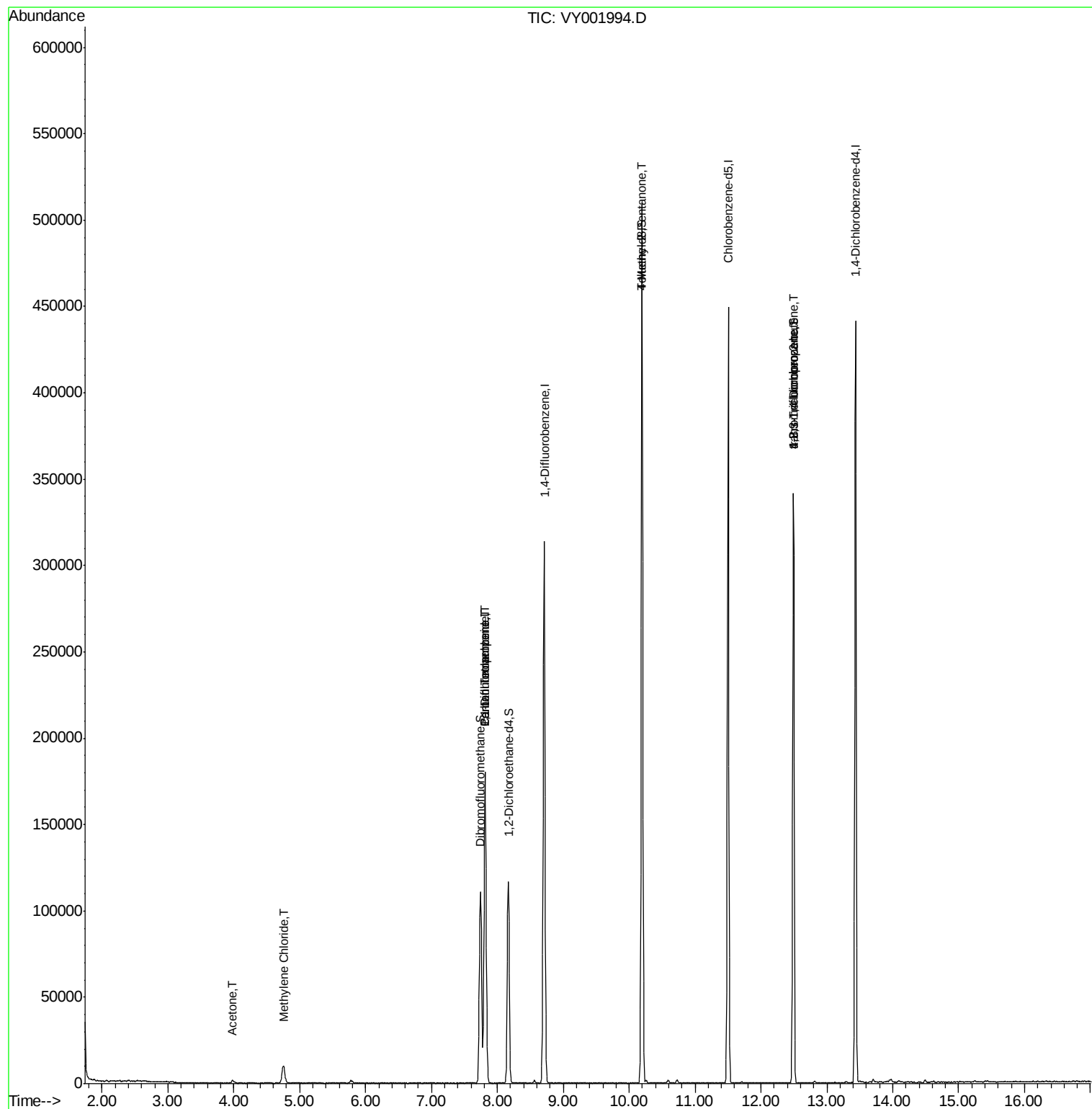
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.60	94	35	Below Cal	#	4
11) Tert butyl alcohol	4.99	59	107	Below Cal	#	74
16) Acetone	3.98	43	2861	6.54	ug/l #	84
20) Methylene Chloride	4.76	84	7740	4.13	ug/l #	86
36) 1,1-Dichloropropene	7.82	75	11861	4.58	ug/l #	50
38) Carbon Tetrachloride	7.81	117	14185	6.41	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1470	1.00	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	55935	44.84	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	55935	90.58	ug/l #	17

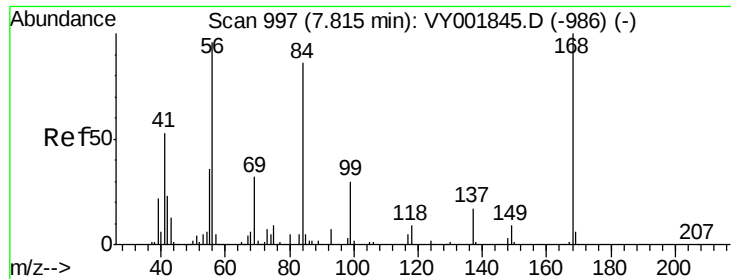
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-11(1.5-2.5)

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

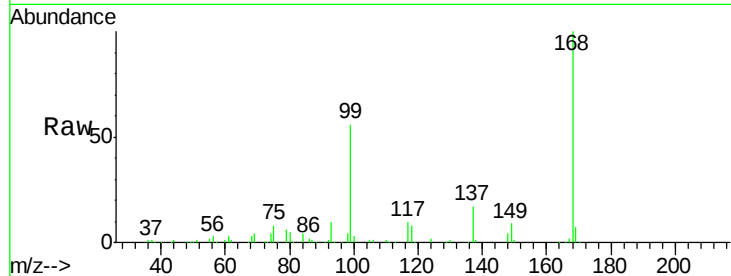
TP-11(1.5-2.5)

Tgt Ion:168 Resp: 140713

Ion Ratio Lower Upper

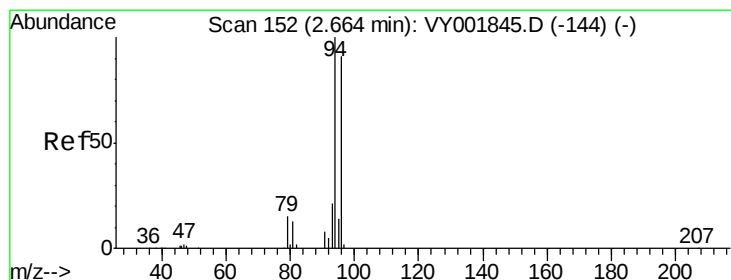
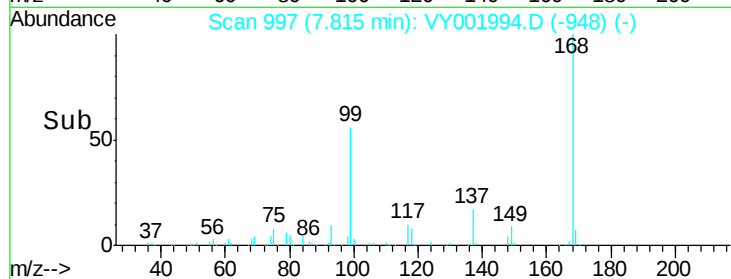
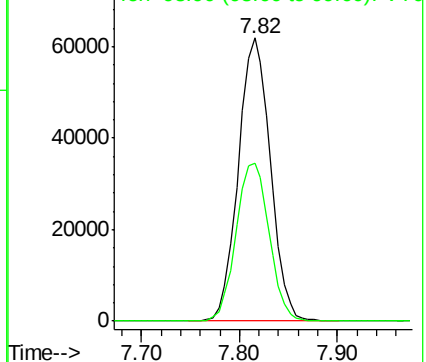
168 100

99 55.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001994.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001994.D (-948) (-)



#5

Bromomethane

Concen: Below Cal

RT: 2.60 min Scan# 141

Delta R.T. -0.07 min

Lab File: VY001994.D

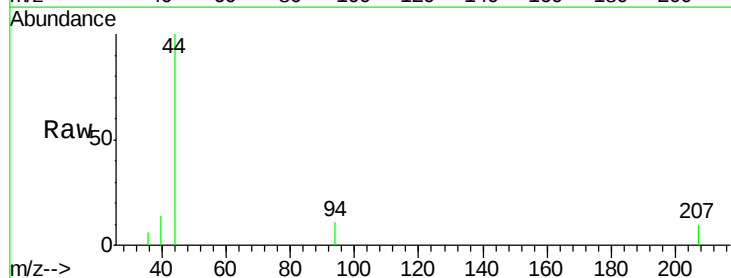
Acq: 17 Mar 2020 13:30

Tgt Ion: 94 Resp: 35

Ion Ratio Lower Upper

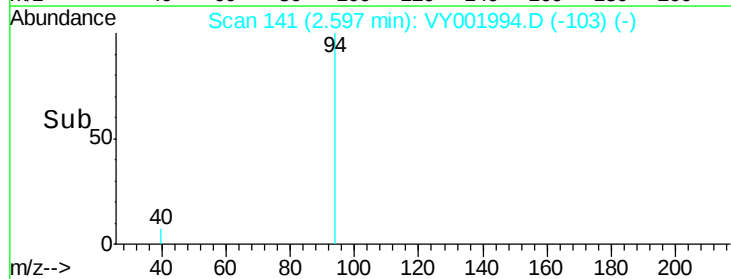
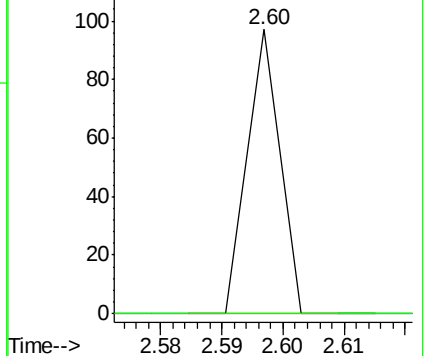
94 100

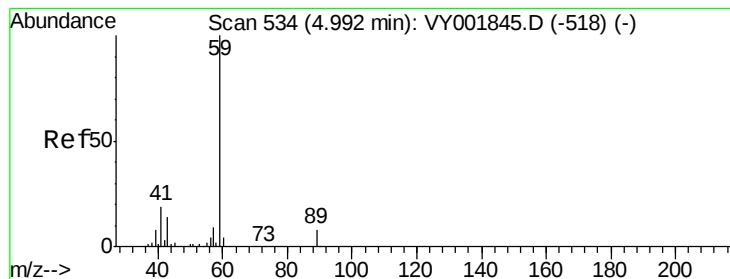
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY001994.D (-103) (-)

Ion 95.90 (95.60 to 96.60): VY001994.D (-103) (-)



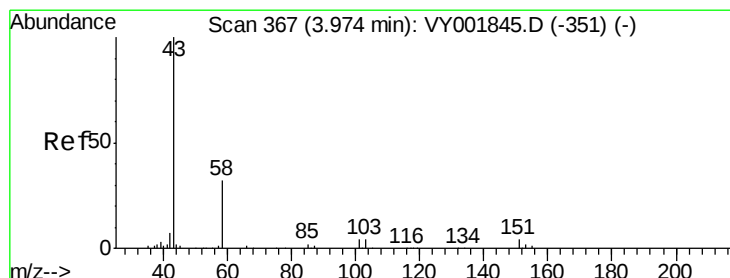
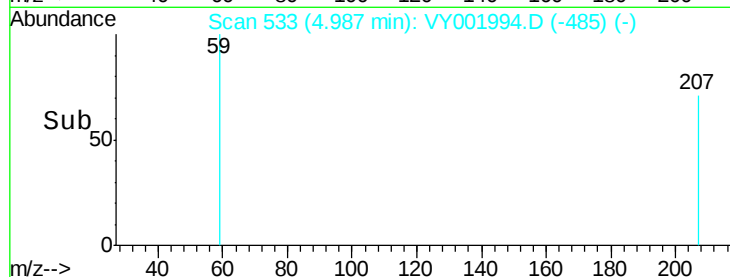
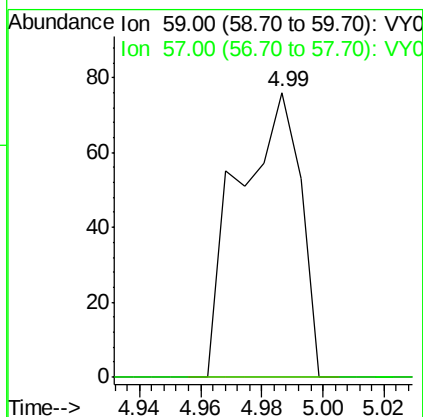
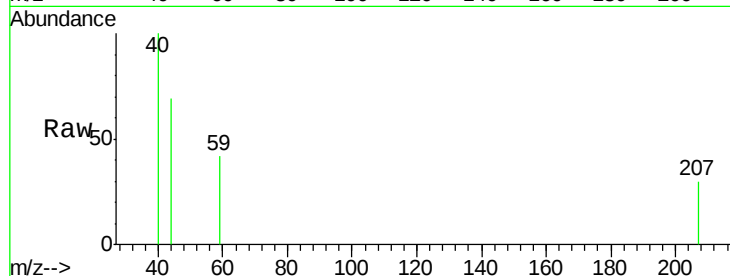


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001994.D
 Acq: 17 Mar 2020 13:30

Instrument :
 MSVOA_Y
 ClientSampled :
 TP-11(1.5-2.5)

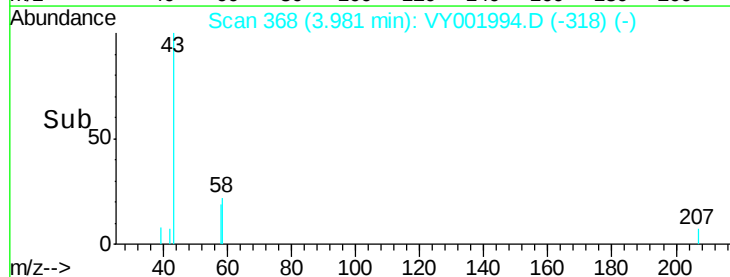
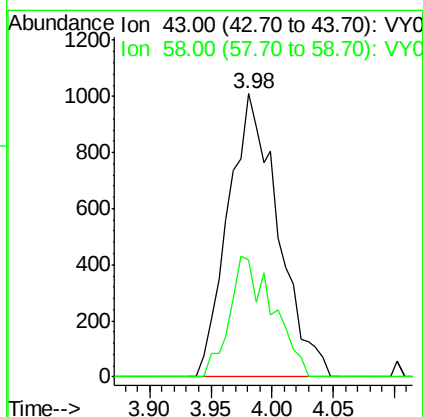
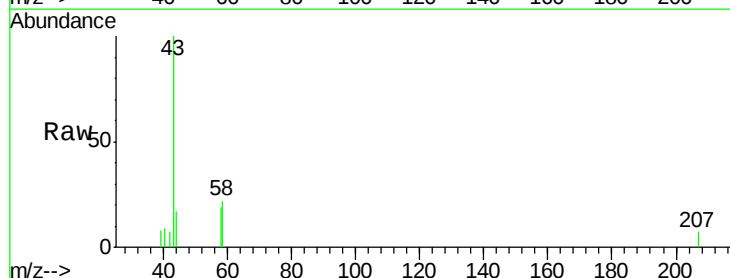
Tgt Ion: 59 Resp: 107
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

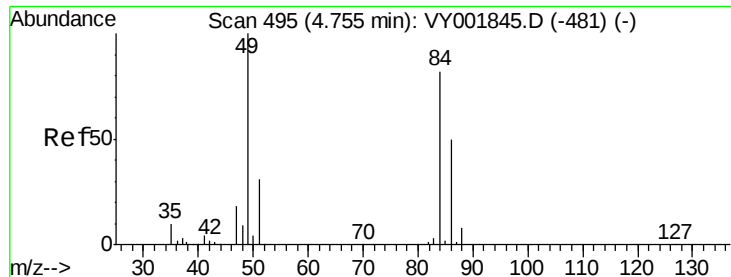


#16

Acetone
 Concen: 6.54 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VY001994.D
 Acq: 17 Mar 2020 13:30

Tgt Ion: 43 Resp: 2861
 Ion Ratio Lower Upper
 43 100
 58 41.2 25.9 38.9#

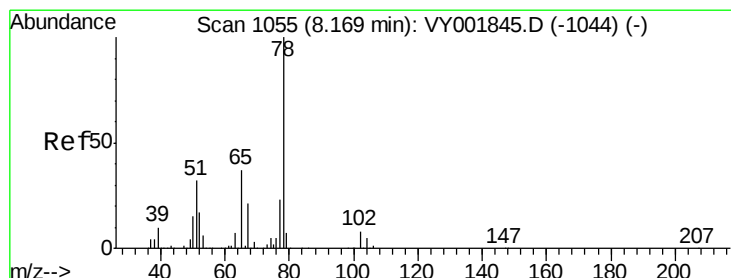
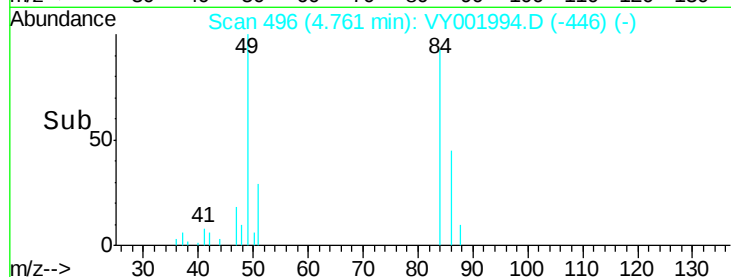
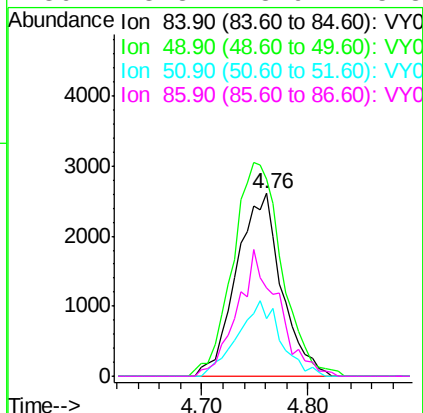
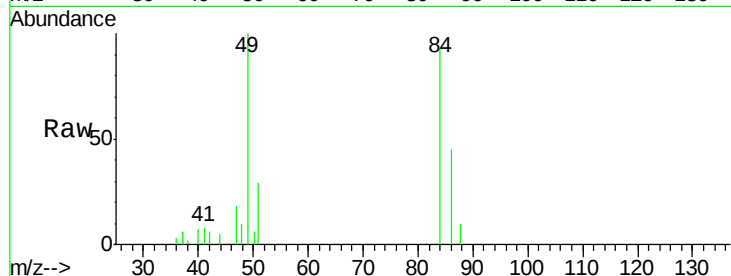




#20
Methylene Chloride
Concen: 4.13 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

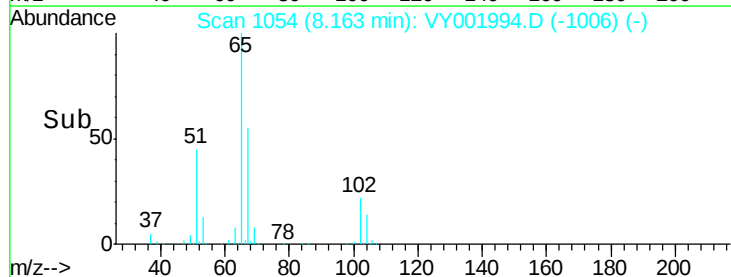
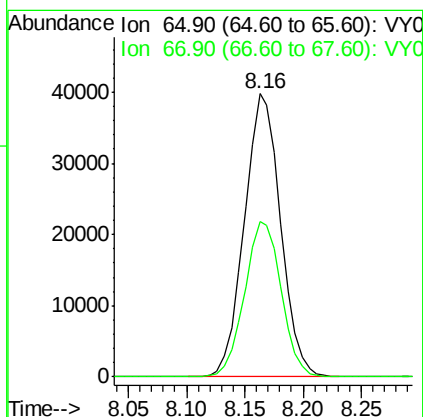
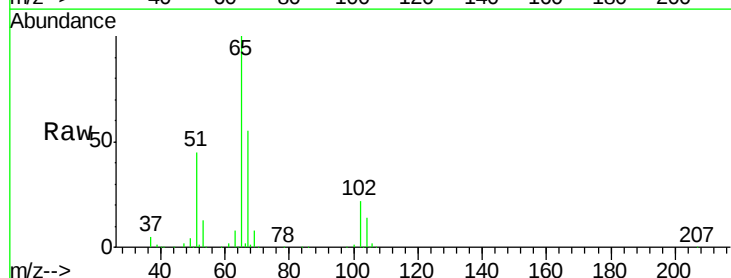
Instrument :
MSVOA_Y
ClientSampleId :
TP-11(1.5-2.5)

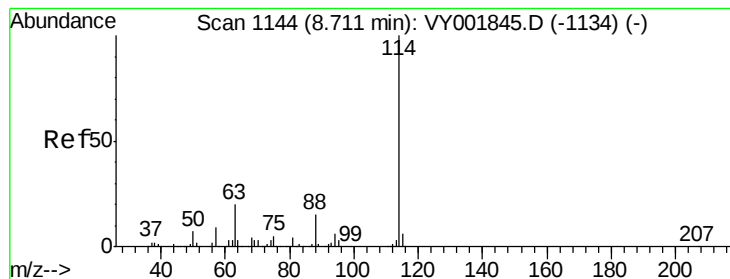
Tgt Ion: 84 Resp: 7740
Ion Ratio Lower Upper
84 100
49 108.0 98.2 147.2
51 31.7 30.2 45.2
86 48.3 48.9 73.3#



#33
1,2-Dichloroethane-d4
Concen: 57.44 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

Tgt Ion: 65 Resp: 86287
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-11(1.5-2.5)

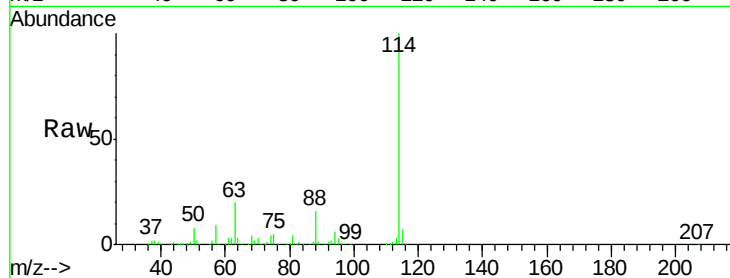
Tgt Ion:114 Resp: 269358

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

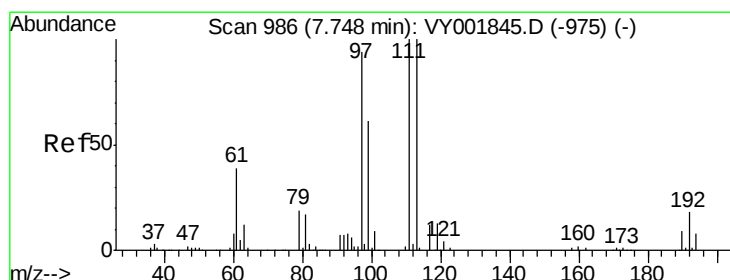
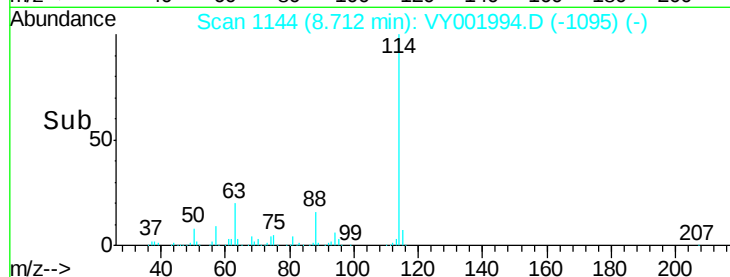
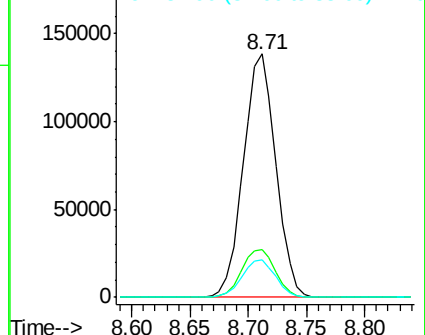
88 15.6 0.0 30.4



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: 54.42 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

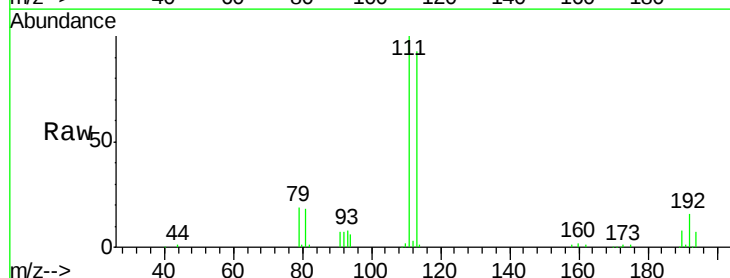
Tgt Ion:113 Resp: 80041

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

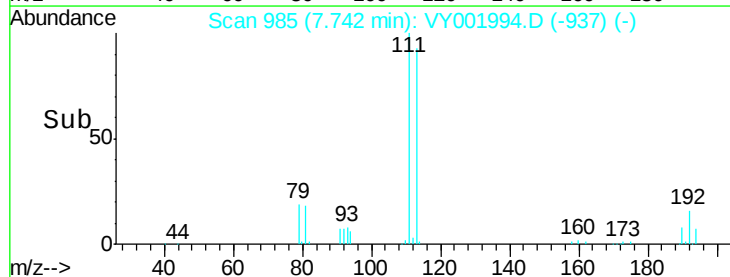
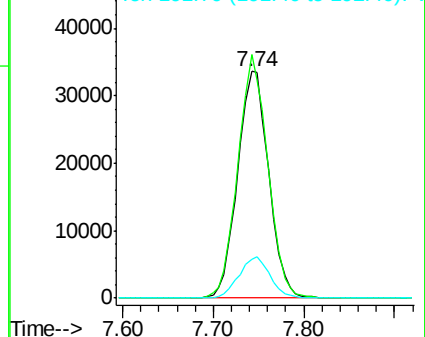
192 17.9 14.2 21.2

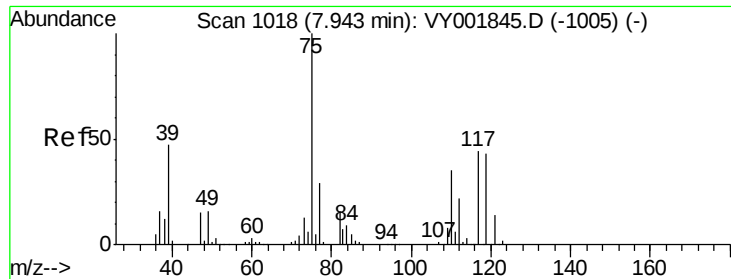


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

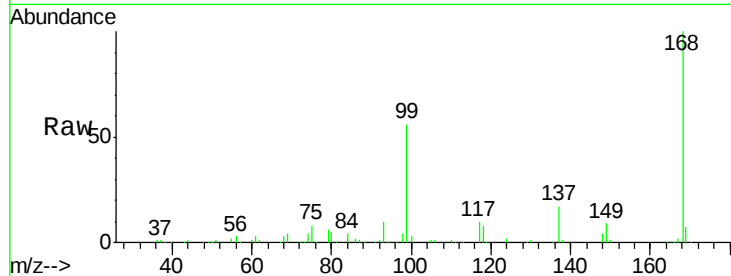




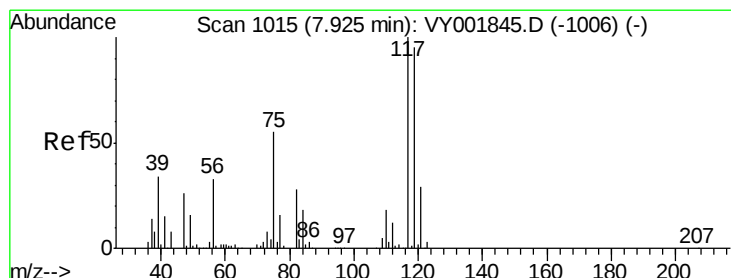
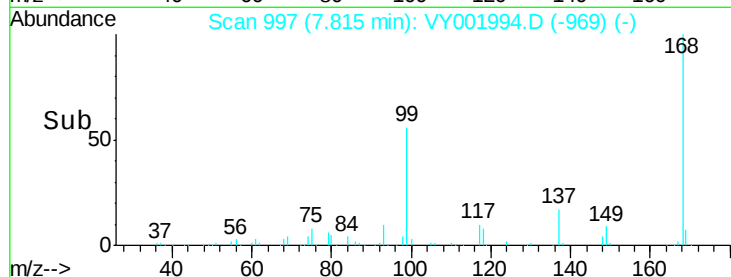
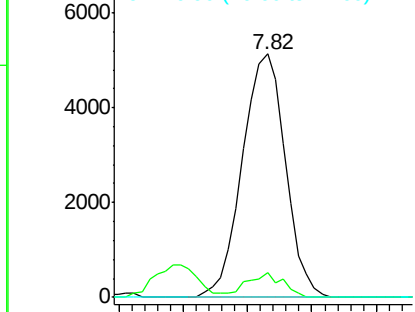
#36
 1,1-Dichloropropene
 Concen: 4.58 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001994.D
 Acq: 17 Mar 2020 13:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11(1.5-2.5)

Tgt Ion: 75 Resp: 11861
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.4 52.2#
 77 0.0 24.2 36.2#

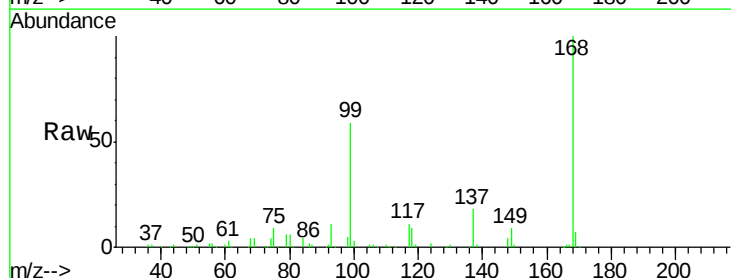


Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): VY0
 Ion 76.90 (76.60 to 77.60): VY0

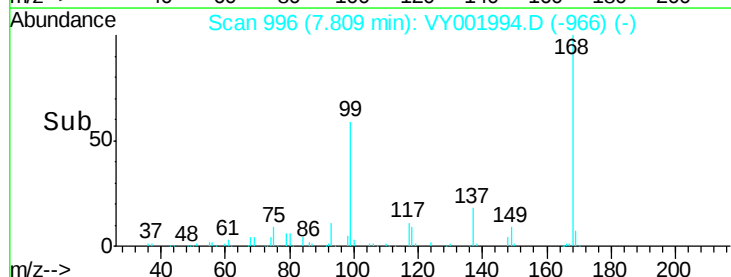
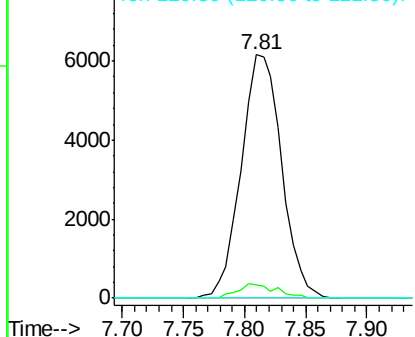


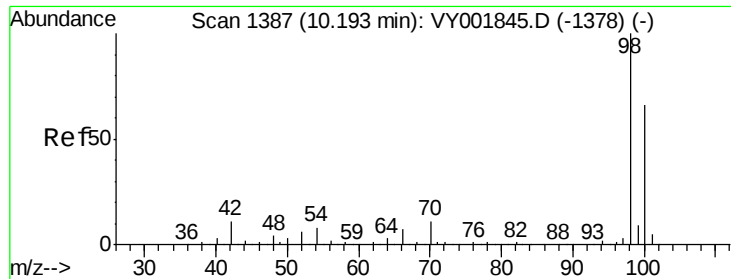
#38
 Carbon Tetrachloride
 Concen: 6.41 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY001994.D
 Acq: 17 Mar 2020 13:30

Tgt Ion: 117 Resp: 14185
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.3 114.5#
 121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 52.54 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampled :

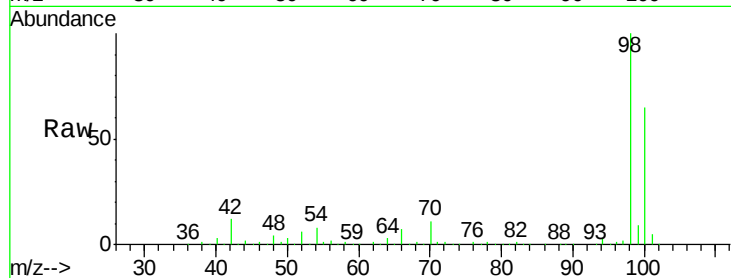
TP-11(1.5-2.5)

Tgt Ion: 98 Resp: 325875

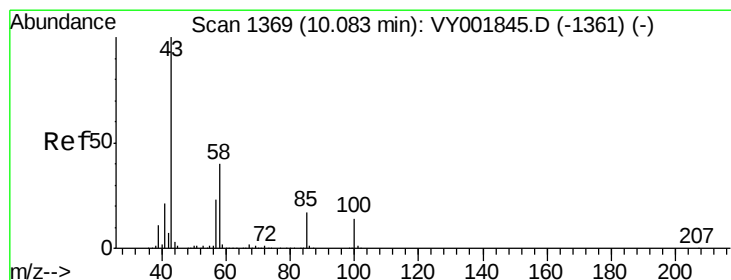
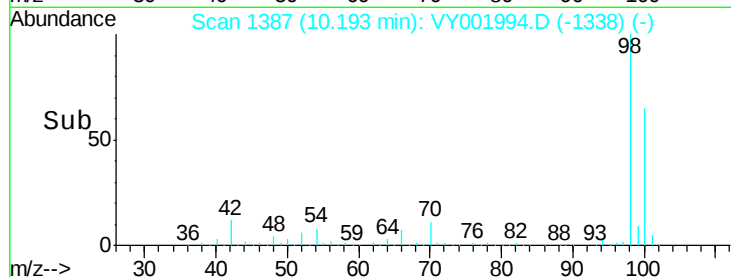
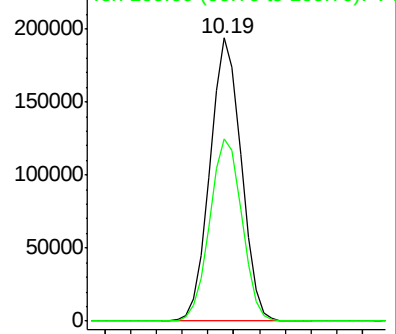
Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.00 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY001994.D

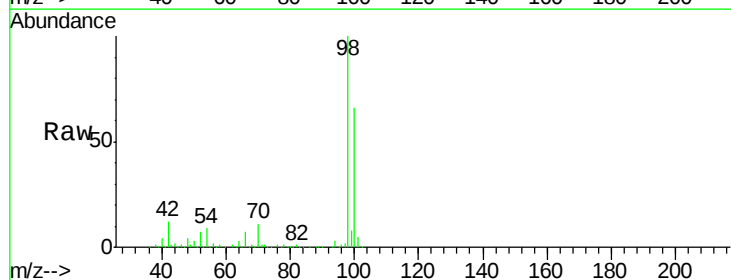
Acq: 17 Mar 2020 13:30

Tgt Ion: 43 Resp: 1470

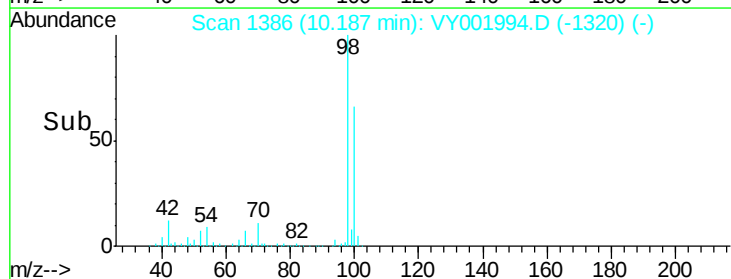
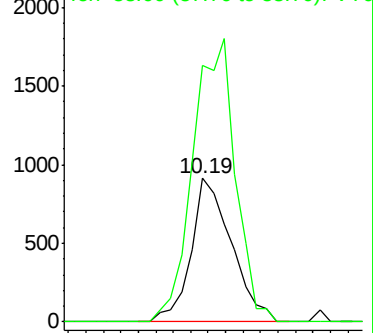
Ion Ratio Lower Upper

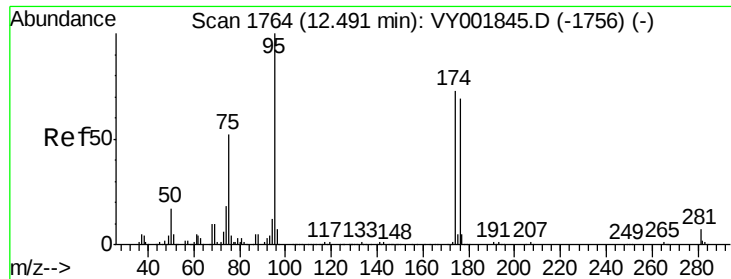
43 100

58 207.0 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

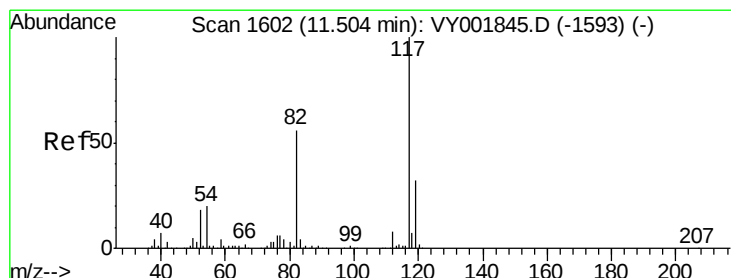
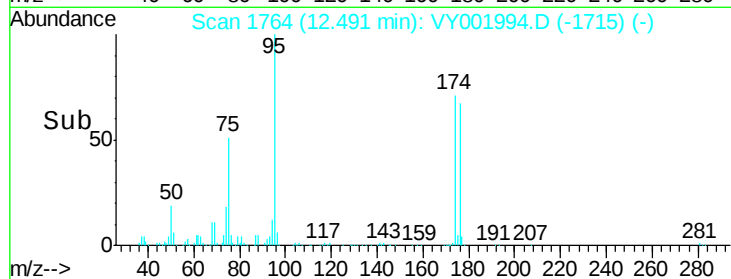
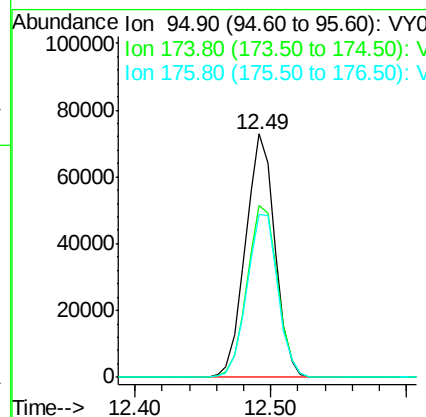
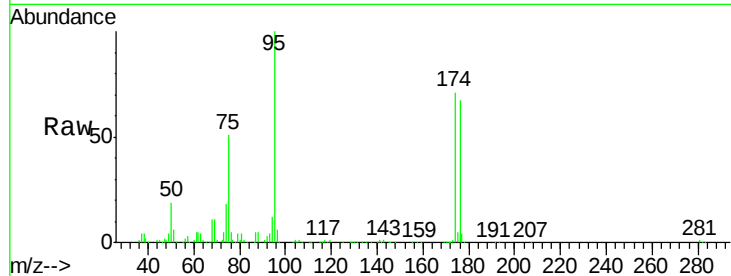




#62
4-Bromofluorobenzene
Concen: 51.00 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

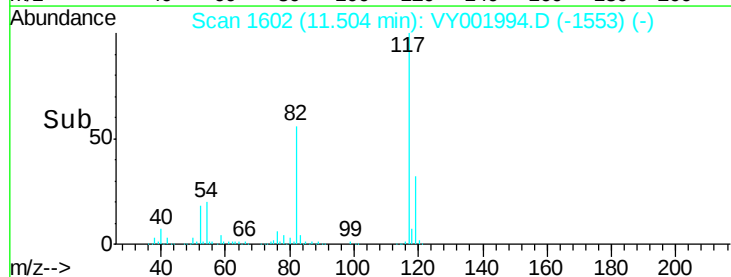
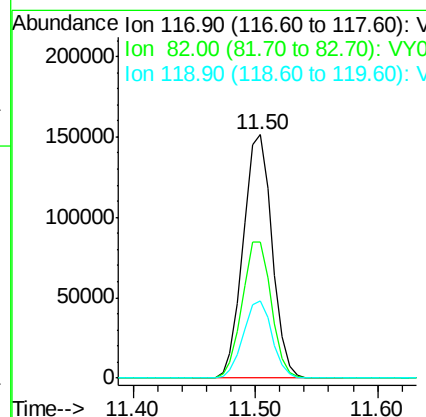
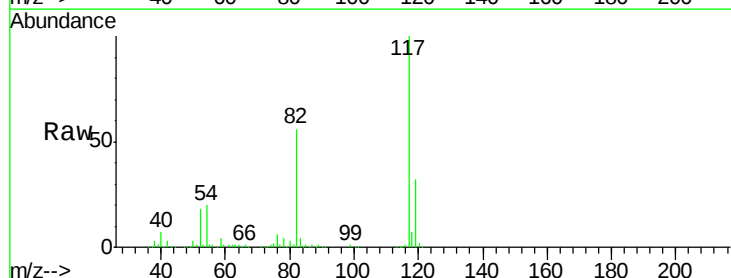
Instrument :
MSVOA_Y
ClientSampleId :
TP-11(1.5-2.5)

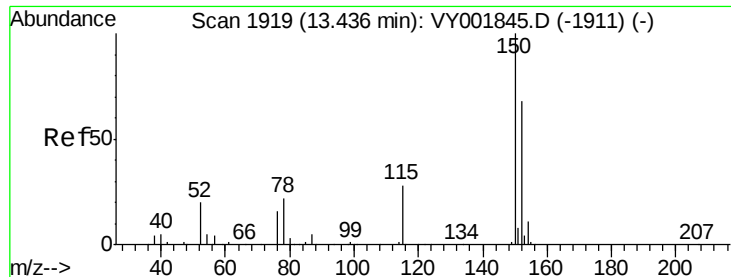
Tgt Ion: 95 Resp: 109991
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.0
176 70.4 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001994.D
Acq: 17 Mar 2020 13:30

Tgt Ion: 117 Resp: 247645
Ion Ratio Lower Upper
117 100
82 56.0 44.5 66.7
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-11(1.5-2.5)

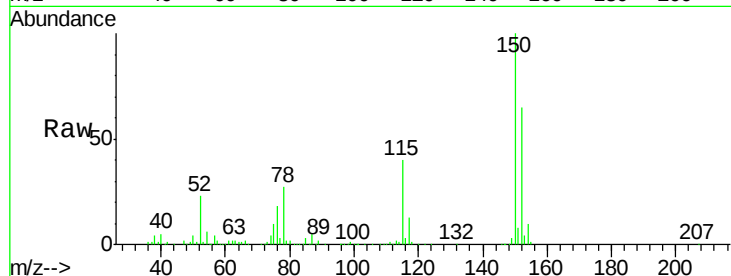
Tgt Ion:152 Resp: 105123

Ion Ratio Lower Upper

152 100

115 61.8 29.9 89.7

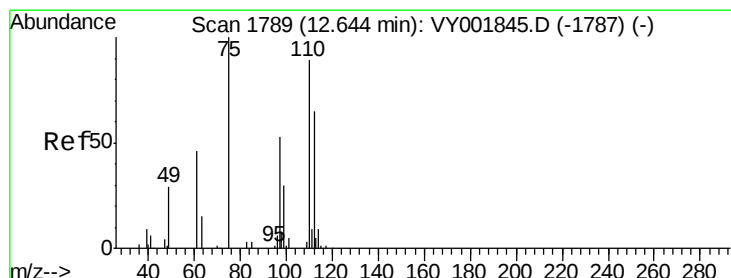
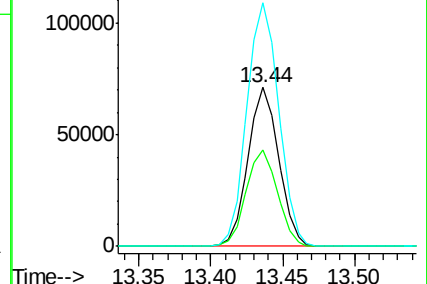
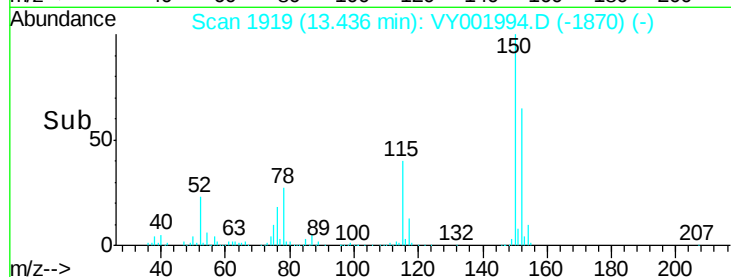
150 158.9 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 44.84 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001994.D

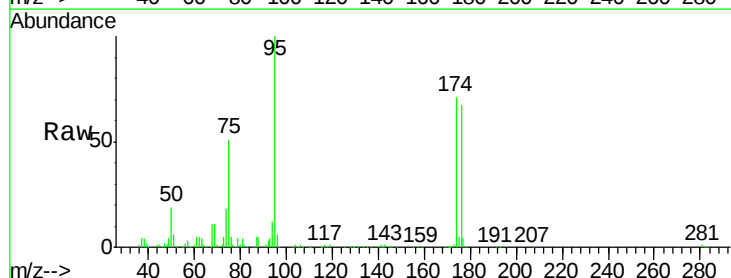
Acq: 17 Mar 2020 13:30

Tgt Ion: 75 Resp: 55935

Ion Ratio Lower Upper

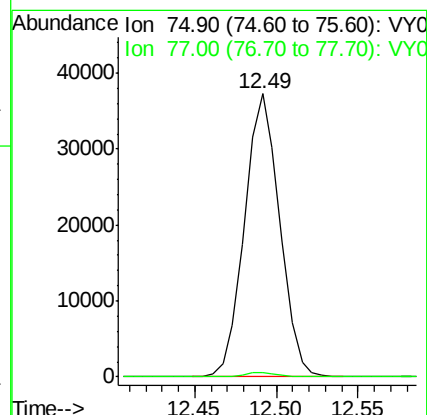
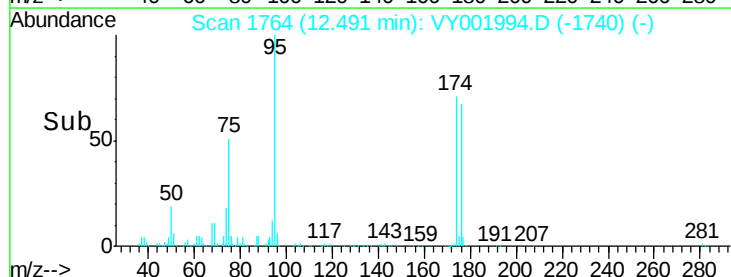
75 100

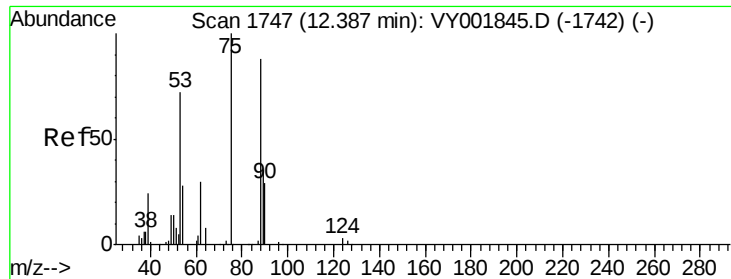
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 90.58 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001994.D

Acq: 17 Mar 2020 13:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-11(1.5-2.5)

Tgt Ion: 75 Resp: 55935

Ion Ratio Lower Upper

75 100

53 0.1 65.4 98.0#

89 0.1 36.0 54.0#

