

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003287.D
 Acq On : 22 Jul 2020 14:45
 Operator : SY/MD
 Sample : L3304-02RE
 Misc : 7.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-058-ARE

Quant Time: Jul 23 05:43:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

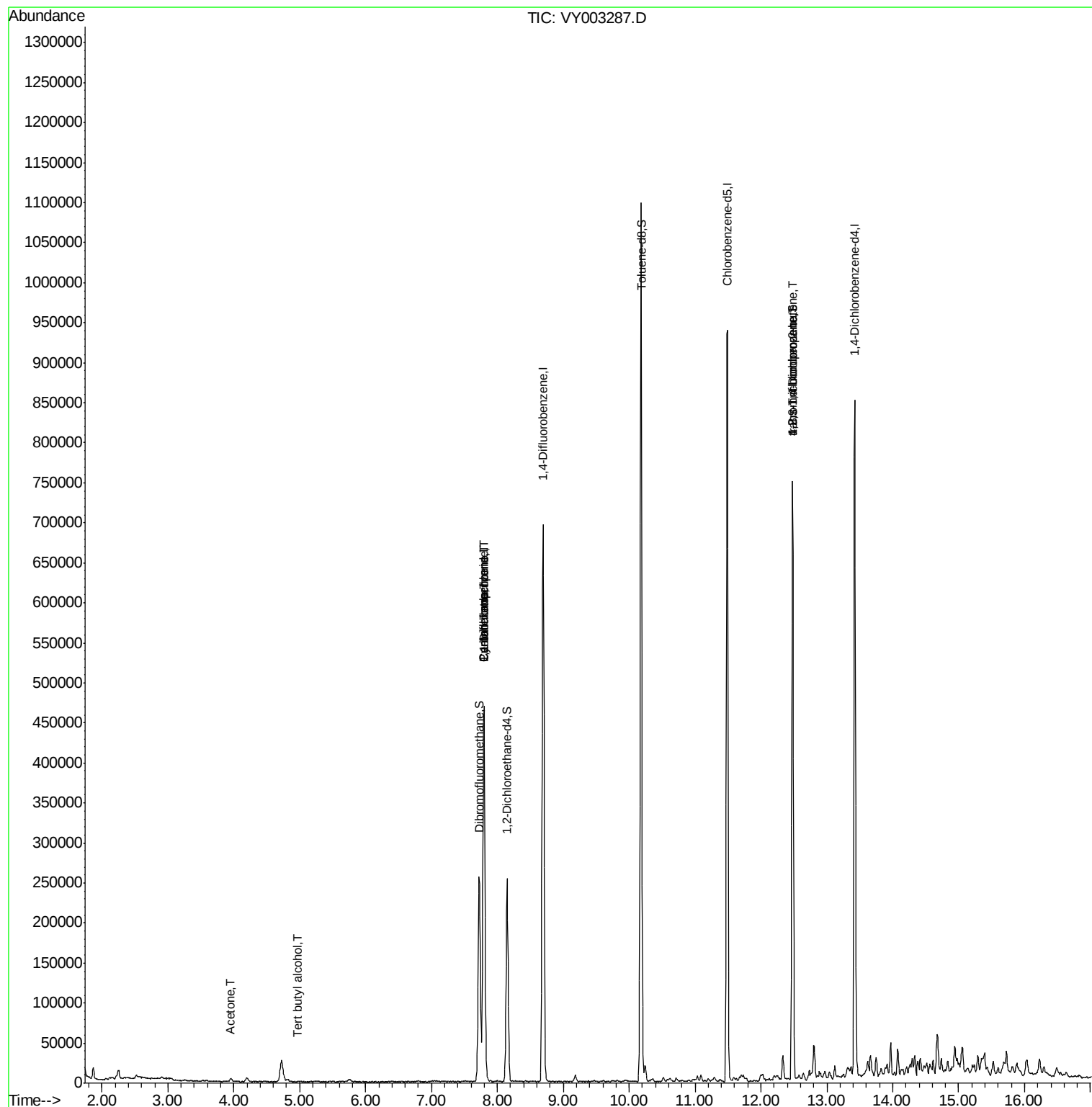
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	385804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	602373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	531565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	198972	61.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.20%	
35) Dibromofluoromethane	7.72	113	181833	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
50) Toluene-d8	10.18	98	725606	56.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.60%	
62) 4-Bromofluorobenzene	12.48	95	214094	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	488	1.386	ug/l #	91
16) Acetone	3.95	43	5890	8.098	ug/l #	86
20) Methylene Chloride	4.73	84	19896	Below Cal		96
31) Cyclohexane	7.80	56	8568	1.447	ug/l #	29
36) 1,1-Dichloropropene	7.80	75	26563	4.865	ug/l #	50
38) Carbon Tetrachloride	7.79	117	34126	6.055	ug/l #	19
76) 1,2,3-Trichloropropane	12.48	75	107492	55.694	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	107492	108.391	ug/l #	13

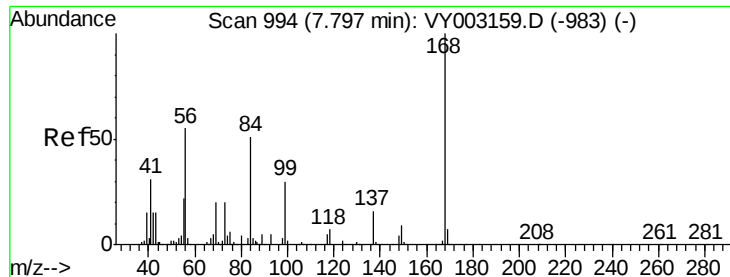
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003287.D

Acq: 22 Jul 2020 14:45

Instrument :

MSVOA_Y

ClientSampleId :

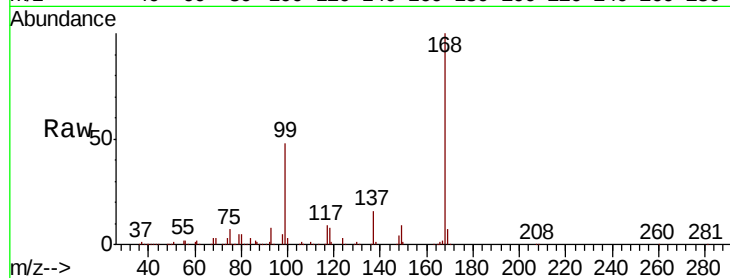
FK-GF-02-058-ARE

Tot Ion:168 Resp: 385804

Ion Ratio Lower Upper

168 100

99 48.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

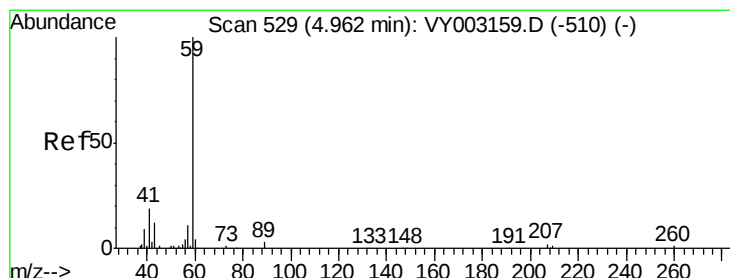
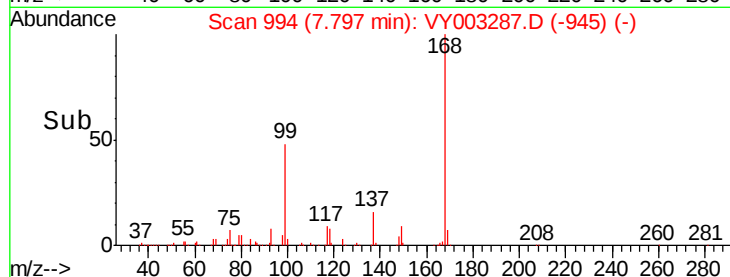
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.386 ug/l

RT: 4.97 min Scan# 530

Delta R.T. 0.01 min

Lab File: VY003287.D

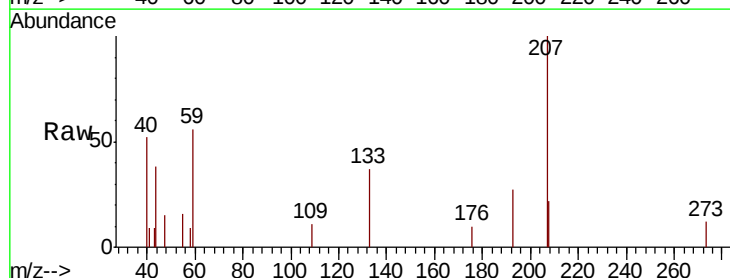
Acq: 22 Jul 2020 14:45

Tgt Ion: 59 Resp: 488

Ion Ratio Lower Upper

59 100

57 7.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VY003159.D (-510) (-)

Ion 57.00 (56.70 to 57.70): VY003159.D (-510) (-)

4.97

400

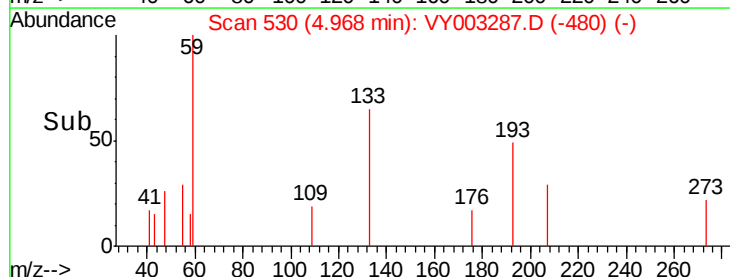
300

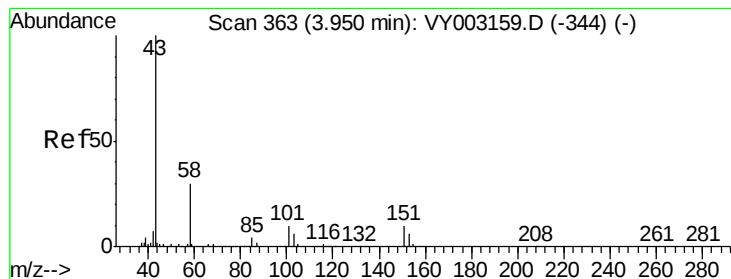
200

100

0

Time-->





#16

Acetone

Concen: 8.098 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003287.D

Acq: 22 Jul 2020 14:45

Instrument :

MSVOA_Y

ClientSampleId :

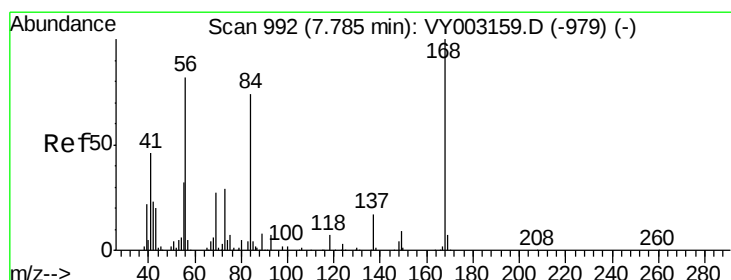
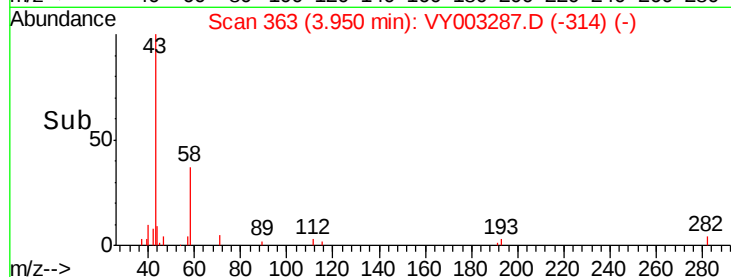
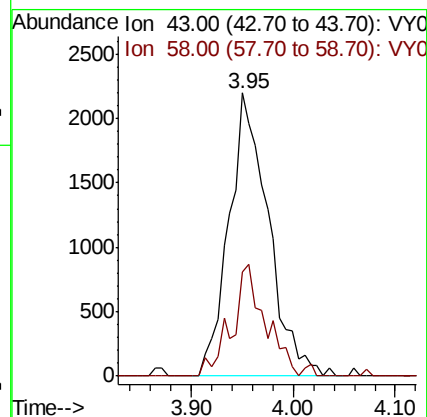
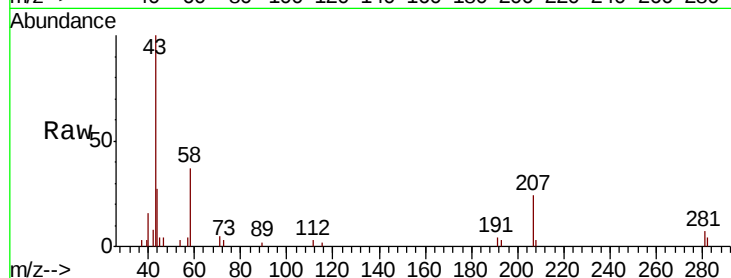
FK-GF-02-058-ARE

Tot Ion: 43 Resp: 5890

Ion Ratio Lower Upper

43 100

58 37.0 23.8 35.6#



#31

Cyclohexane

Concen: 1.447 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003287.D

Acq: 22 Jul 2020 14:45

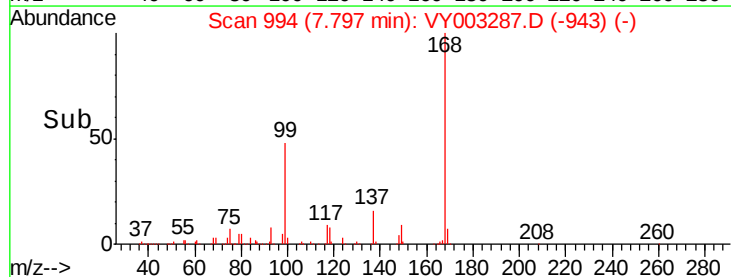
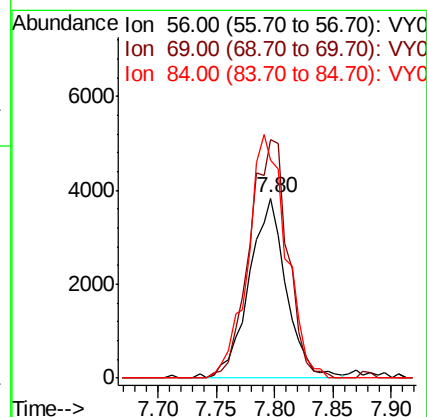
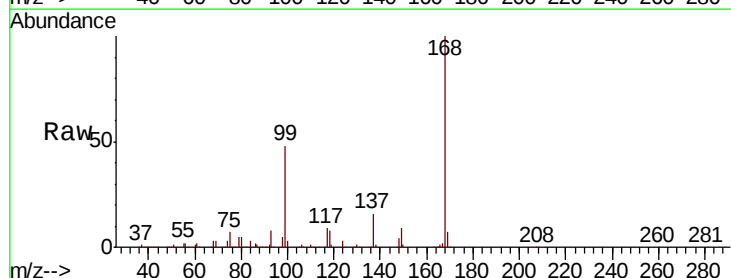
Tgt Ion: 56 Resp: 8568

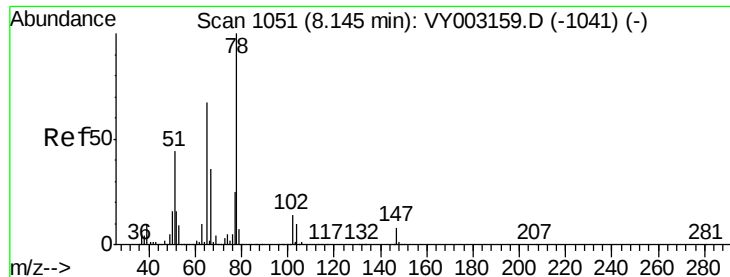
Ion Ratio Lower Upper

56 100

69 132.3 26.7 40.1#

84 121.2 72.3 108.5#

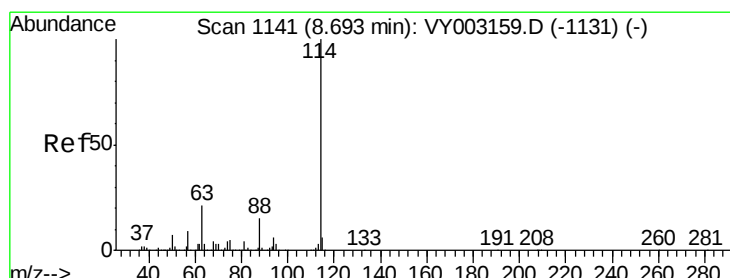
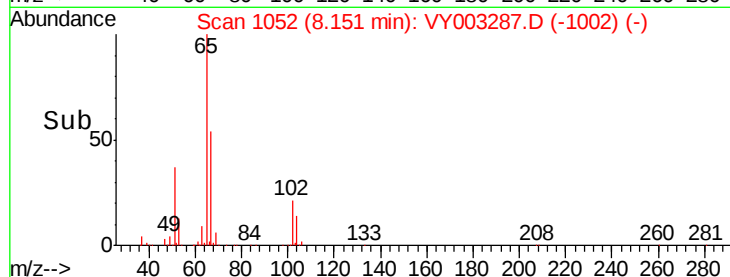
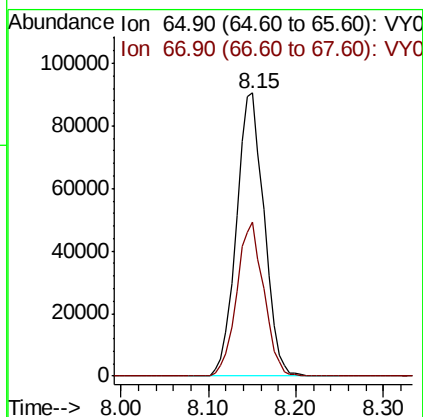
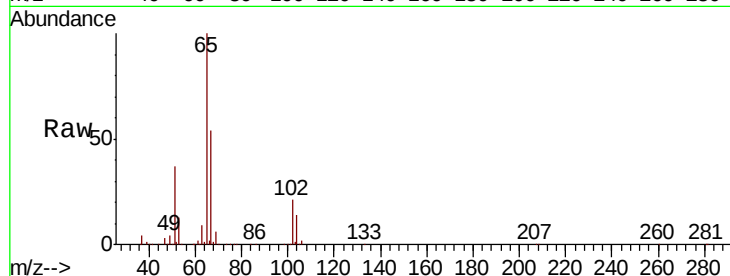




#33
 1,2-Dichloroethane-d4
 Concen: 61.103 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003287.D
 Acq: 22 Jul 2020 14:45

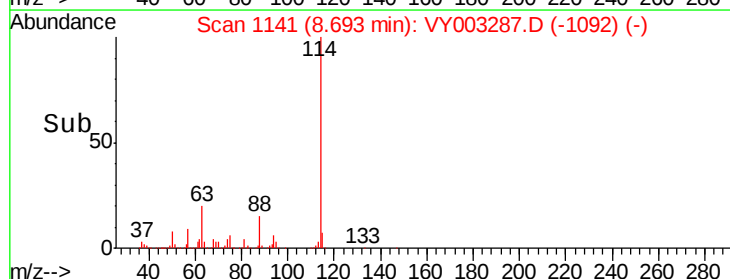
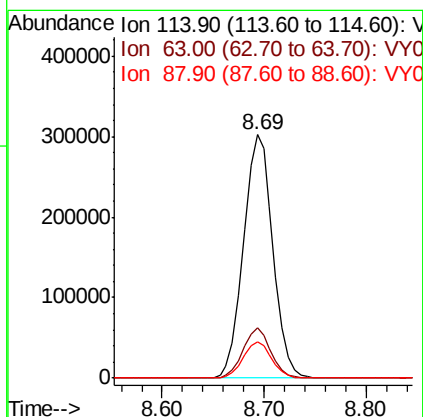
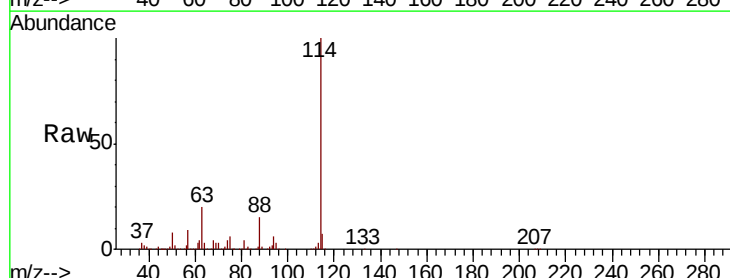
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-058-ARE

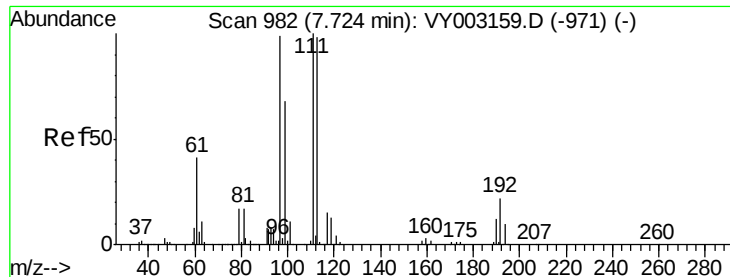
Tot Ion: 65 Resp: 198972
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003287.D
 Acq: 22 Jul 2020 14:45

Tgt Ion: 114 Resp: 602373
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 15.0 0.0 30.2

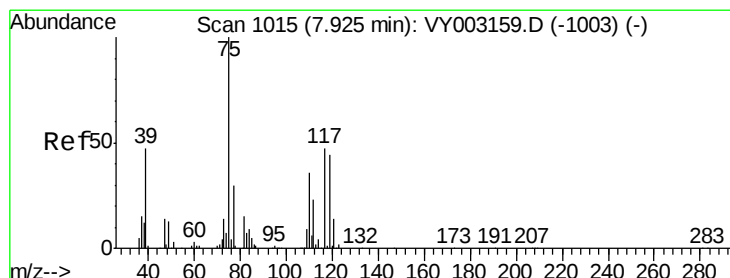
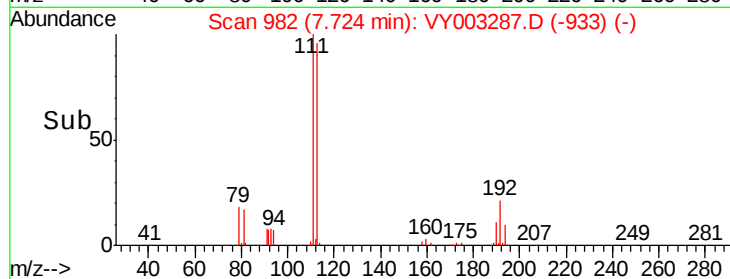
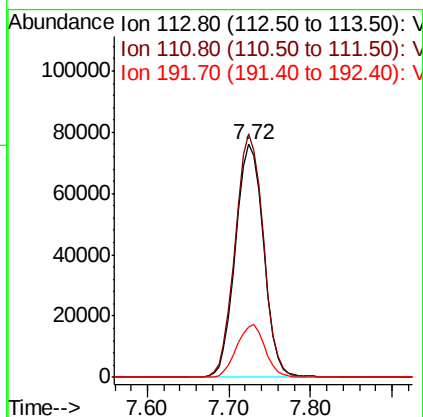
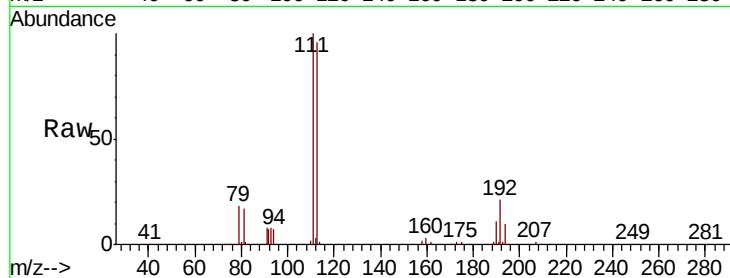




#35
 Dibromofluoromethane
 Concen: 52.454 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003287.D
 Acq: 22 Jul 2020 14:45

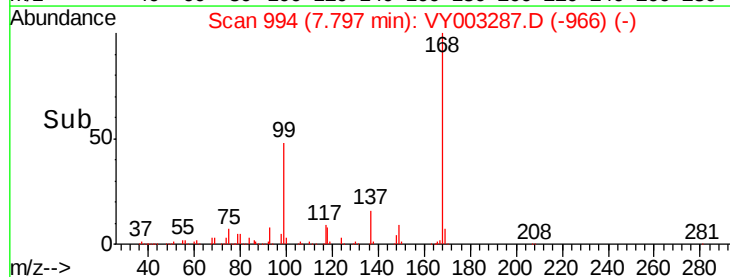
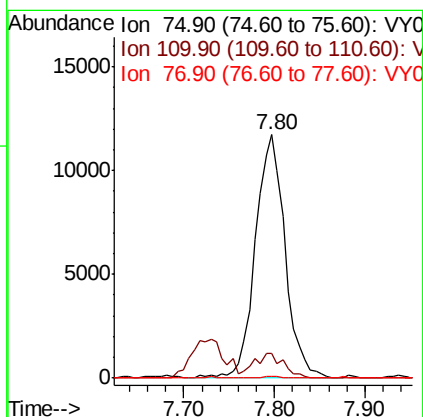
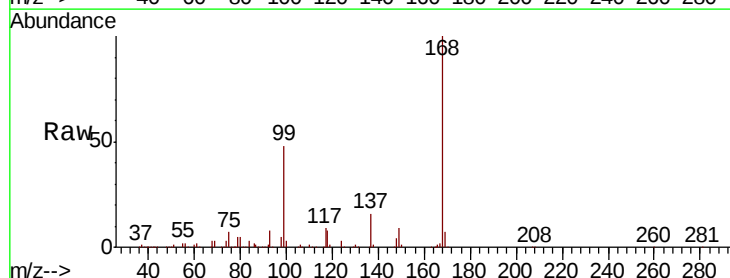
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-058-ARE

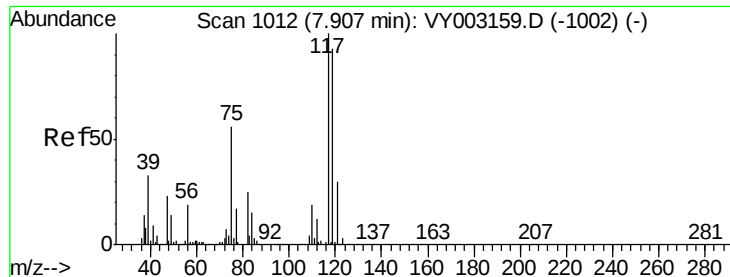
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.1	123.1
192	22.5	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 4.865 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003287.D
 Acq: 22 Jul 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.1#
77	0.3	24.8	37.2#

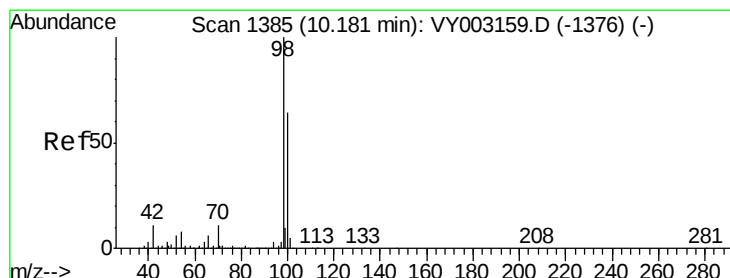
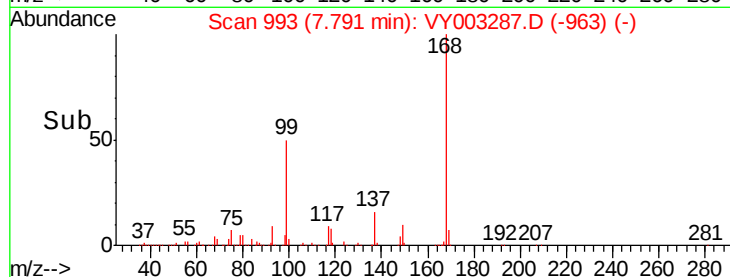
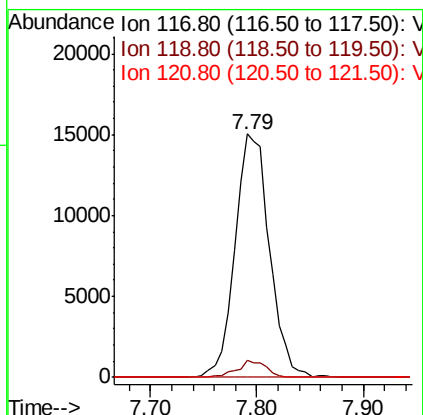
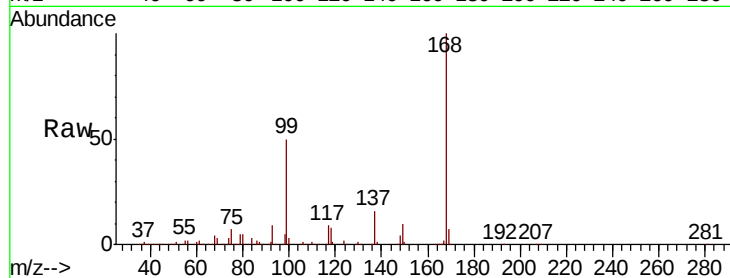




#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003287.D
Acq: 22 Jul 2020 14:45

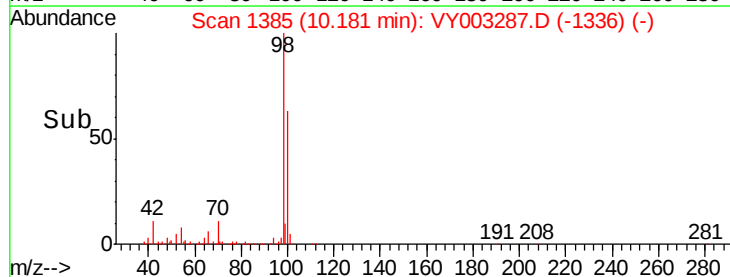
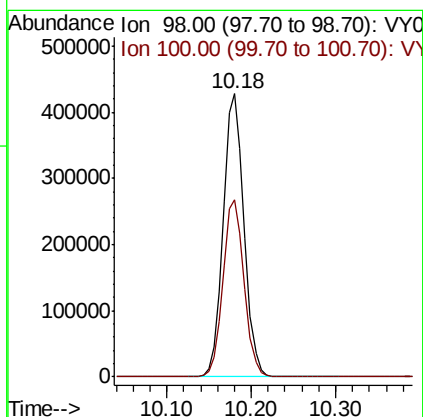
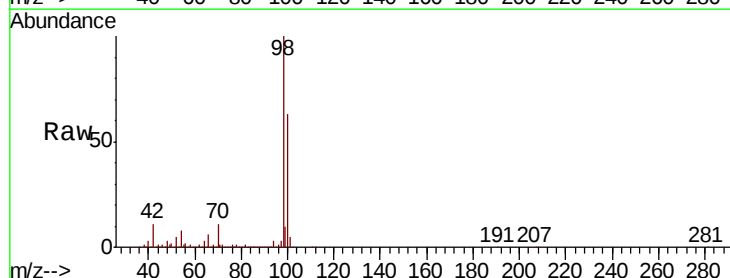
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-058-ARE

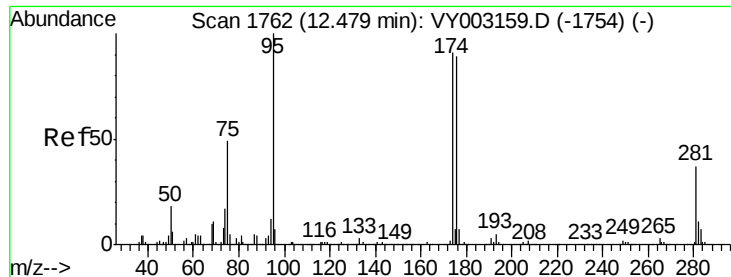
Tot Ion:117 Resp: 34126
Ion Ratio Lower Upper
117 100
119 6.9 74.5 111.7#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 56.301 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003287.D
Acq: 22 Jul 2020 14:45

Tgt Ion: 98 Resp: 725606
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 45.983 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003287.D

Acq: 22 Jul 2020 14:45

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-058-ARE

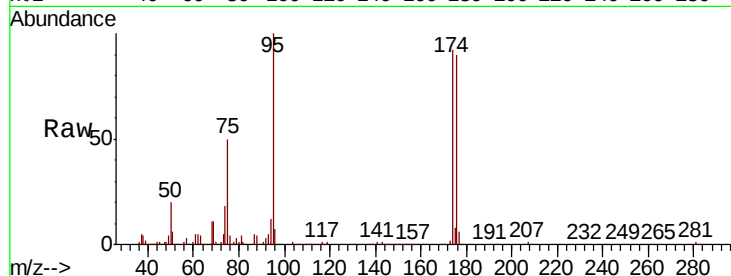
Tot Ion: 95 Resp: 214094

Ion Ratio Lower Upper

95 100

174 95.2 0.0 190.6

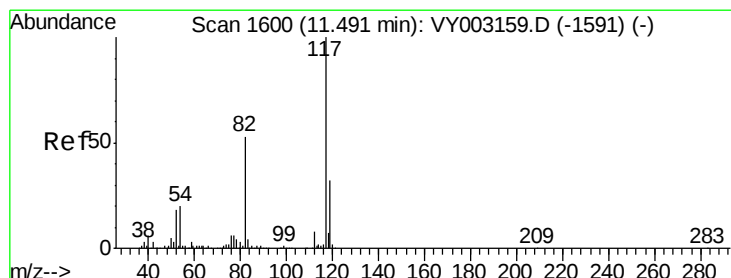
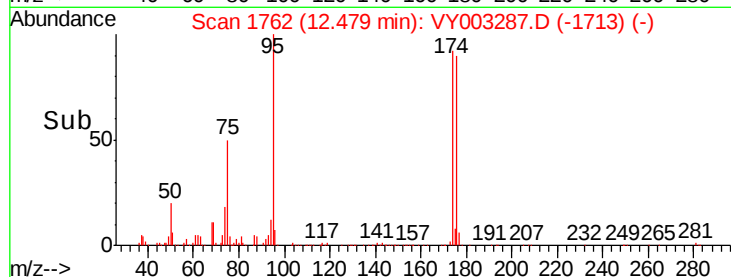
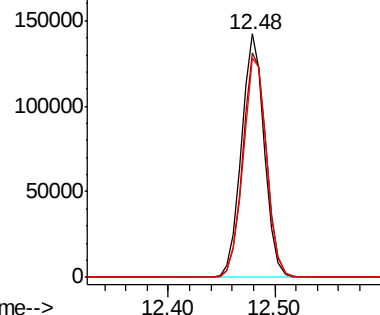
176 92.0 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003287.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003287.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003287.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003287.D

Acq: 22 Jul 2020 14:45

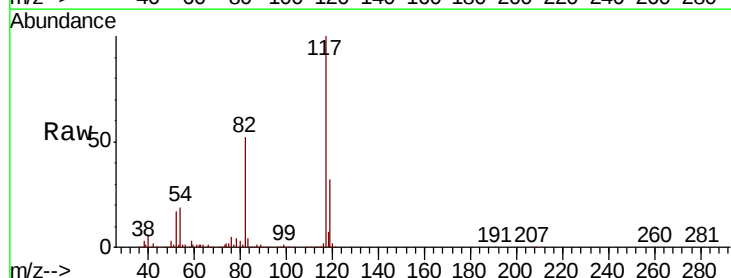
Tgt Ion: 117 Resp: 531565

Ion Ratio Lower Upper

117 100

82 52.4 42.0 63.0

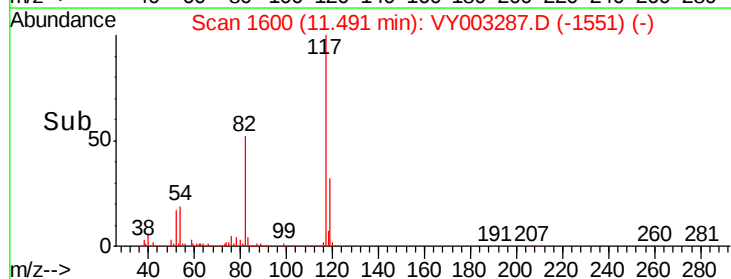
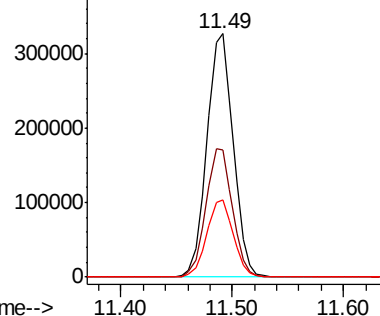
119 31.9 25.5 38.3

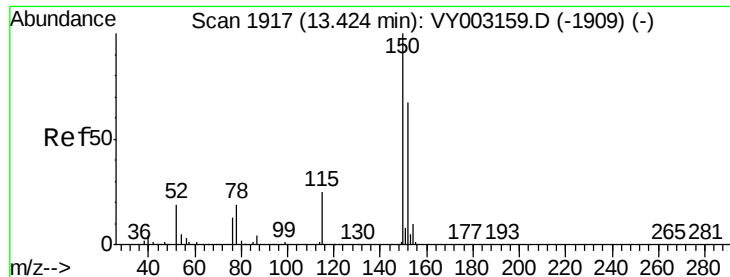


Abundance Ion 116.90 (116.60 to 117.60): VY003287.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003287.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003287.D (-1551) (-)



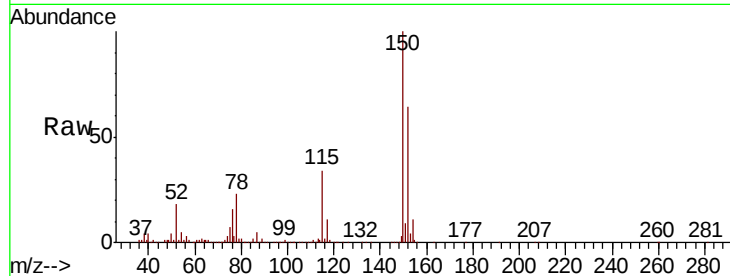


#72

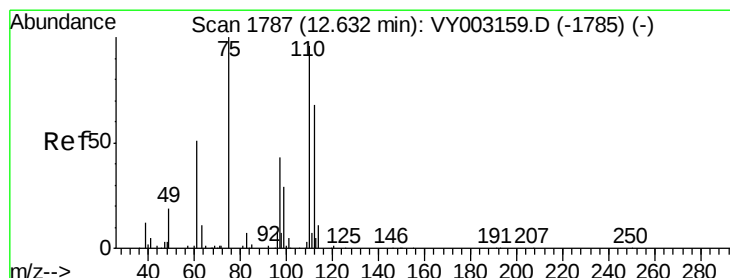
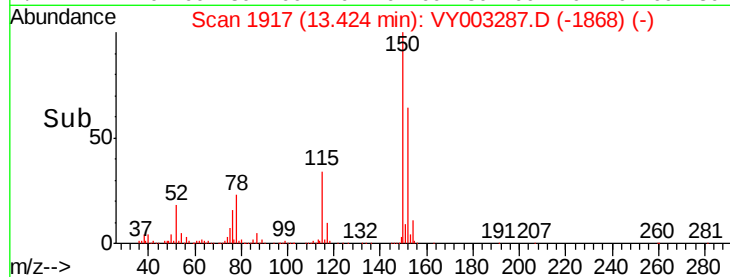
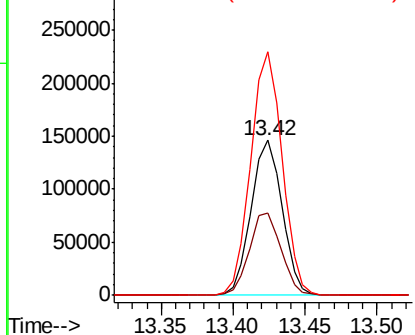
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003287.D
Acq: 22 Jul 2020 14:45

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-058-ARE

Tot Ion:152 Resp: 218043
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.7
150 158.2 0.0 338.0



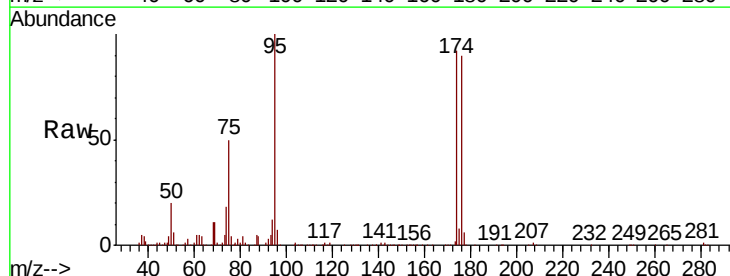
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



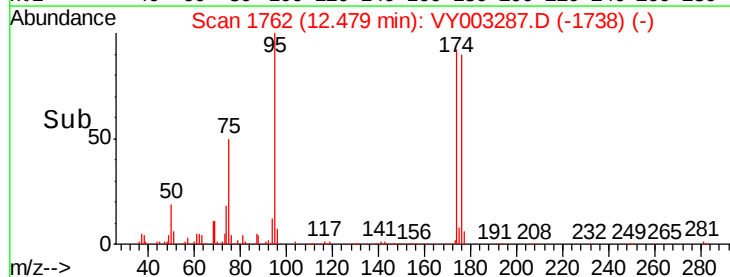
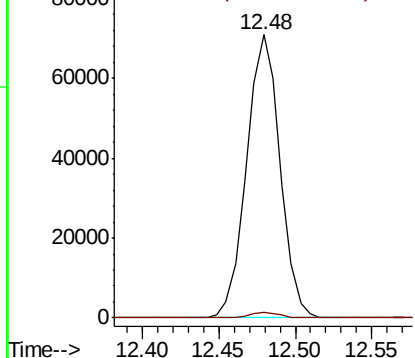
#76

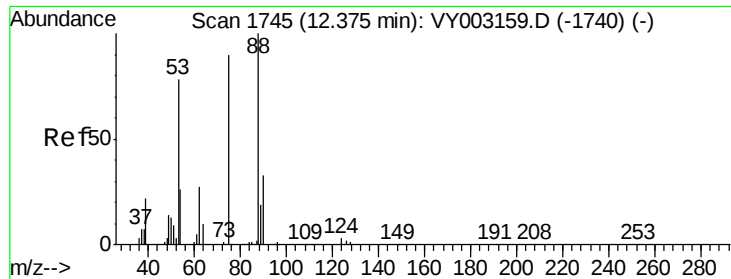
1,2,3-Trichloropropane
Concen: 55.694 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003287.D
Acq: 22 Jul 2020 14:45

Tgt Ion: 75 Resp: 107492
Ion Ratio Lower Upper
75 100
77 1.7 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: 108.391 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003287.D

Acq: 22 Jul 2020 14:45

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-058-ARE

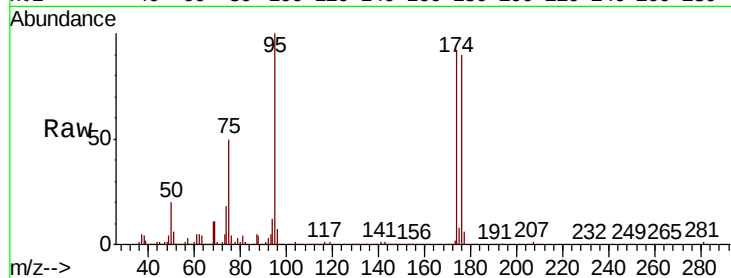
Tot Ion: 75 Resp: 107492

Ion Ratio Lower Upper

75 100

53 0.1 72.0 108.0#

89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

