

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003215.D
 Acq On : 16 Jul 2020 17:28
 Operator : SY/MD
 Sample : L3304-04
 Misc : 9.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 17 05:21:49 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	310625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	475164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	392250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156827	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	150891	57.55	ug/l	0.00
Spiked Amount			Recovery	=	115.10%	
35) Dibromofluoromethane	7.72	113	132902	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	10.18	98	564057	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.48	95	158896	43.26	ug/l	0.00
Spiked Amount			Recovery	=	86.52%	

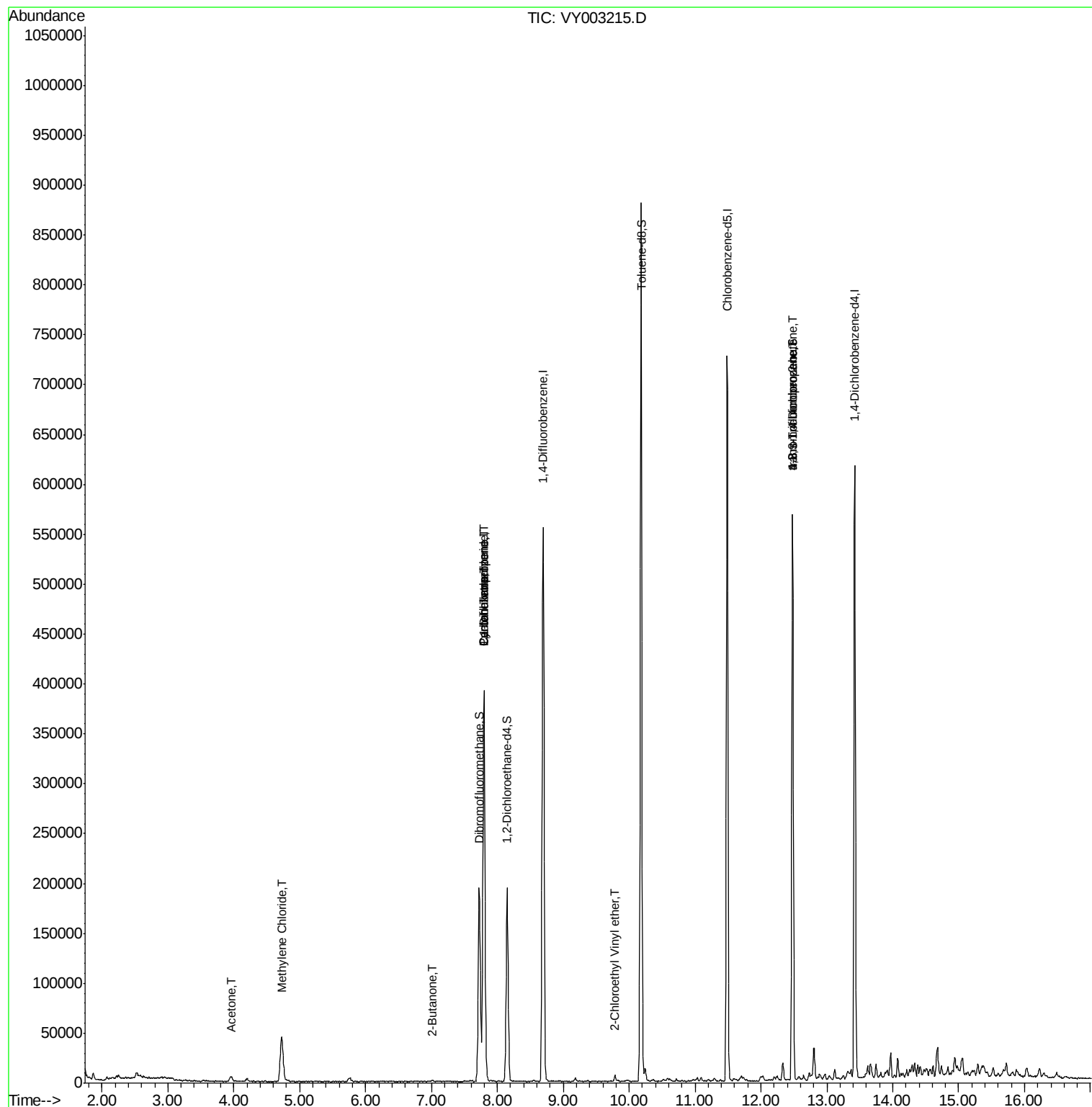
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.95	43	9138	15.604	ug/l	93
20) Methylene Chloride	4.73	84	33680	6.668	ug/l	98
25) 2-Butanone	7.01	43	1099	1.143	ug/l #	74
31) Cyclohexane	7.80	56	6651	1.395	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	22811	5.297	ug/l #	50
38) Carbon Tetrachloride	7.80	117	28895	6.499	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.78	63	2238	1.271	ug/l	98
76) 1,2,3-Trichloropropane	12.48	75	83823	60.383	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	83823	117.517	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: VY003215.D

Acq: 16 Jul 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

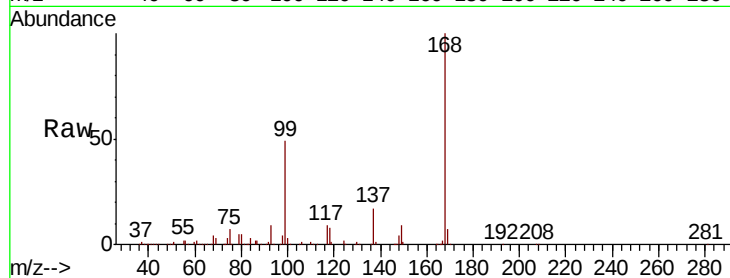
FK-GF-02-058-B

Tot Ion:168 Resp: 310625

Ion Ratio Lower Upper

168 100

99 48.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003215.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003215.D (-983) (-)

7.80

150000

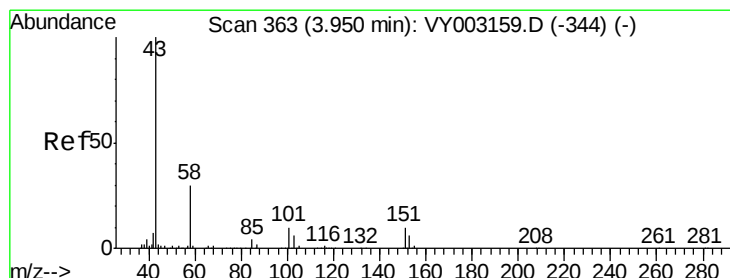
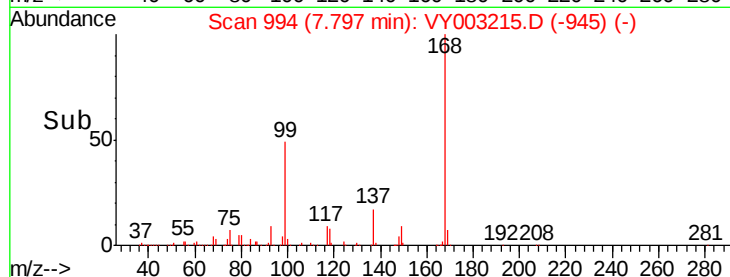
100000

50000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 15.604 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003215.D

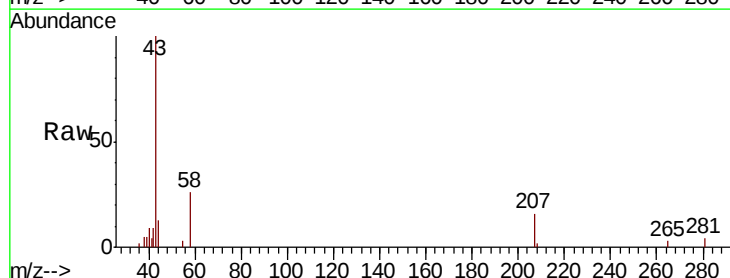
Acq: 16 Jul 2020 17:28

Tgt Ion: 43 Resp: 9138

Ion Ratio Lower Upper

43 100

58 26.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003215.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003215.D (-344) (-)

3.95

3000

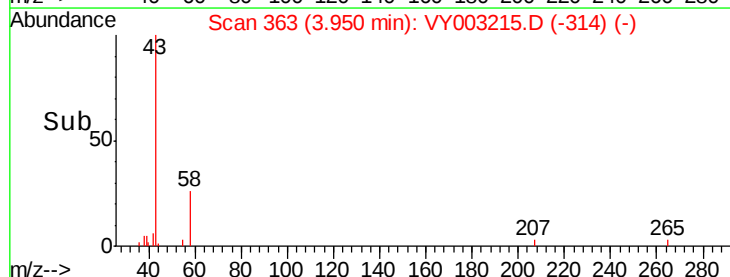
2000

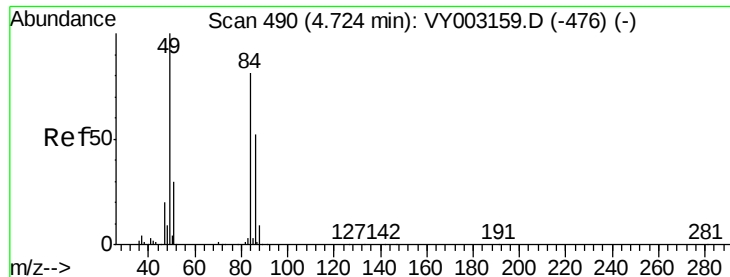
1000

0

3.90 4.00 4.10

Time-->

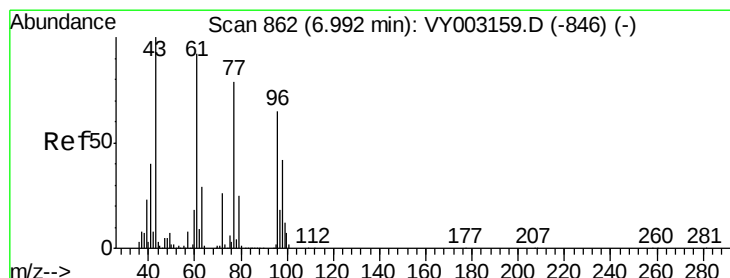
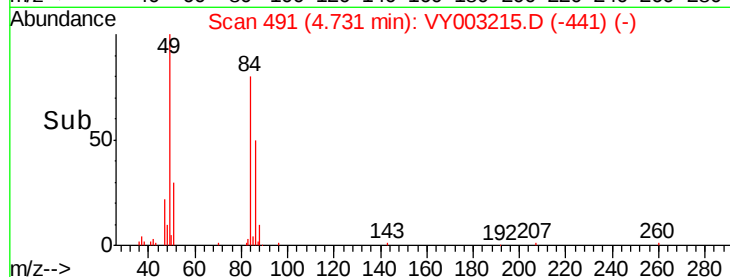
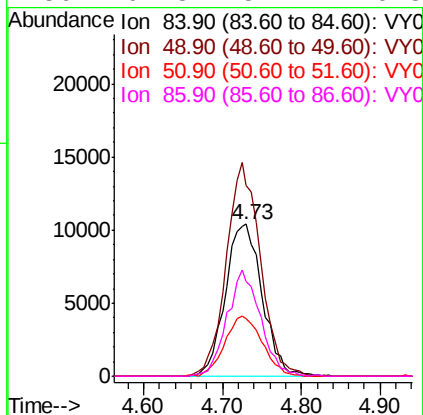
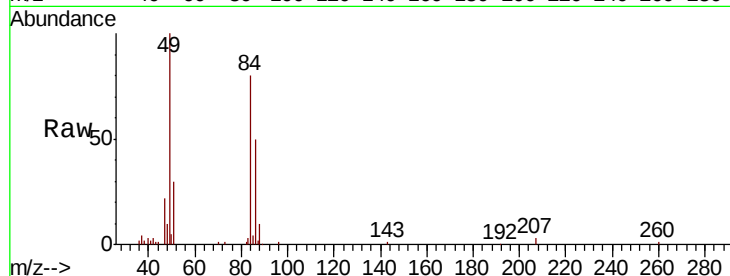




#20
Methvlene Chloride
Concen: 6.668 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003215.D
Acq: 16 Jul 2020 17:28

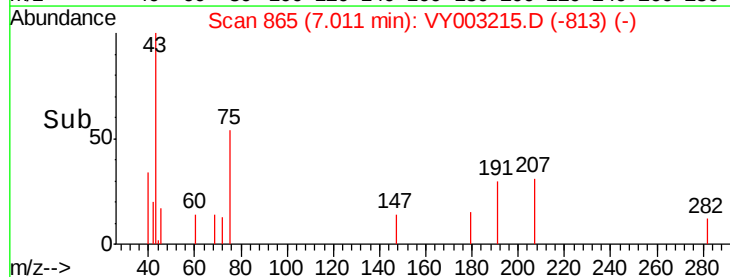
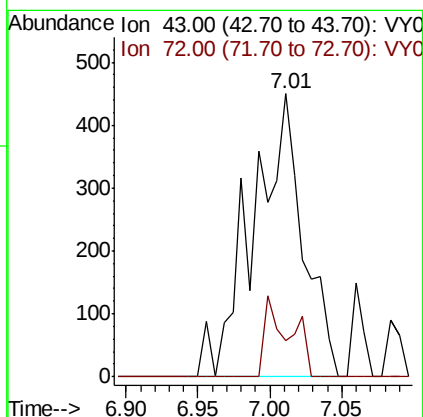
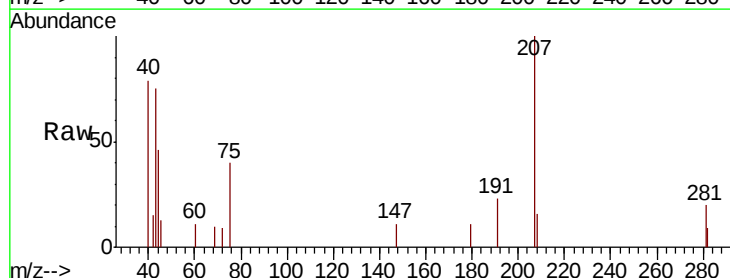
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-058-B

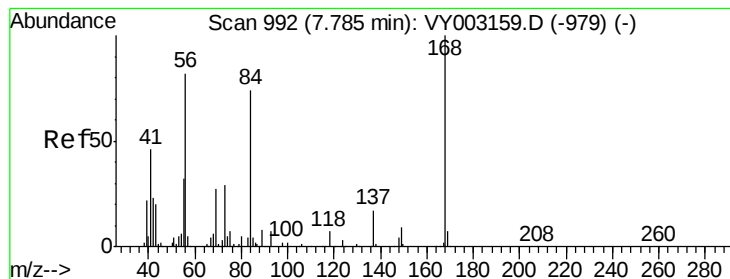
Tot Ion:	84	Resp:	33680
Ion	Ratio	Lower	Upper
84	100		
49	125.7	98.2	147.4
51	37.7	29.8	44.6
86	62.8	51.2	76.8



#25
2-Butanone
Concen: 1.143 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.02 min
Lab File: VY003215.D
Acq: 16 Jul 2020 17:28

Tgt Ion:	43	Resp:	1099
Ion	Ratio	Lower	Upper
43	100		
72	12.7	20.9	31.3#





#31

Cyclohexane

Concen: 1.395 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY003215.D

Acq: 16 Jul 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-058-B

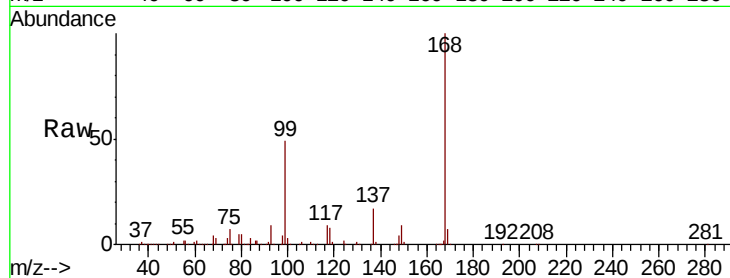
Tot Ion: 56 Resp: 6651

Ion Ratio Lower Upper

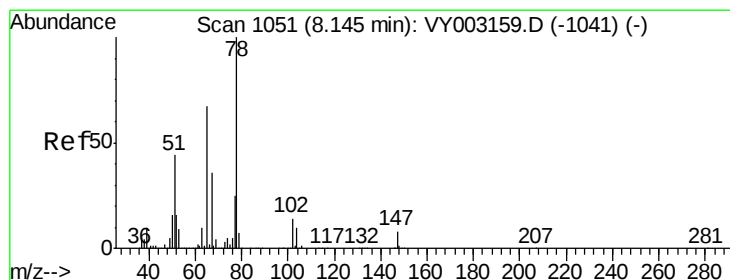
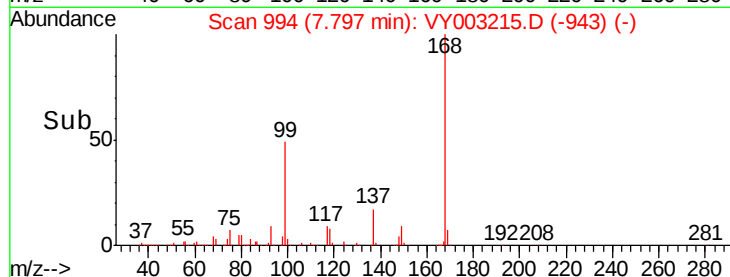
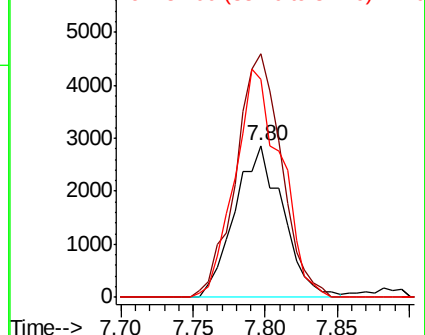
56 100

69 160.6 26.7 40.1#

84 143.7 72.3 108.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 57.553 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003215.D

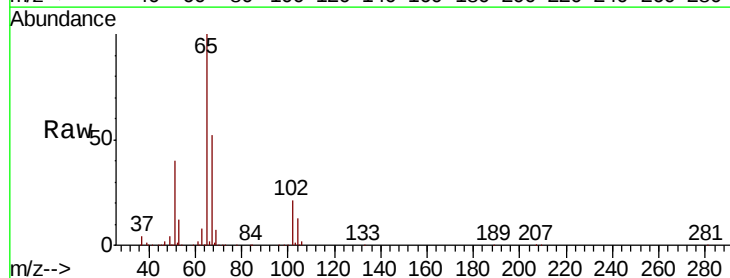
Acq: 16 Jul 2020 17:28

Tgt Ion: 65 Resp: 150891

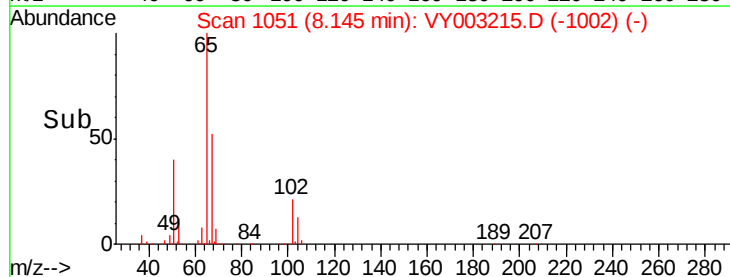
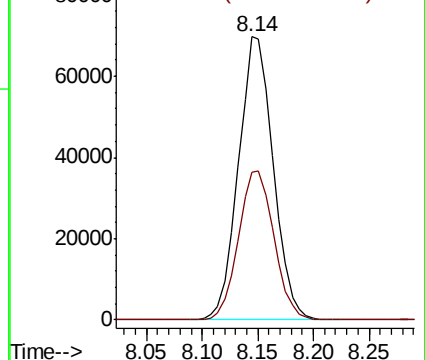
Ion Ratio Lower Upper

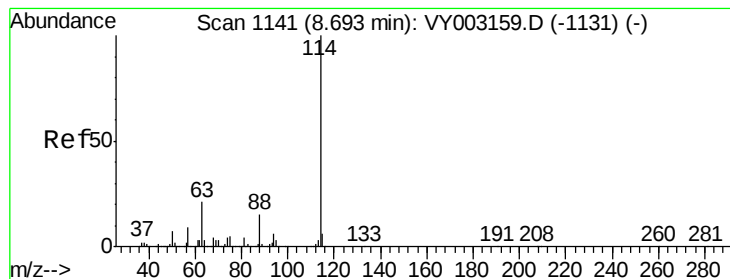
65 100

67 53.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003215.D

Acq: 16 Jul 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-058-B

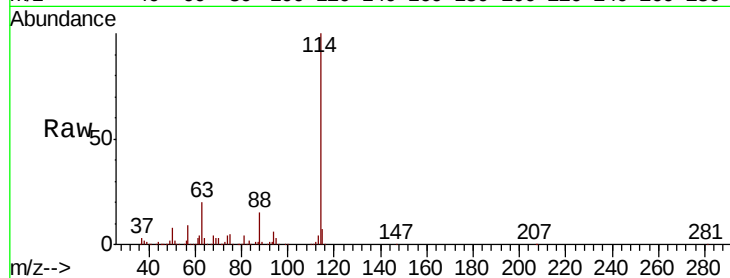
Tot Ion:114 Resp: 475164

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.2

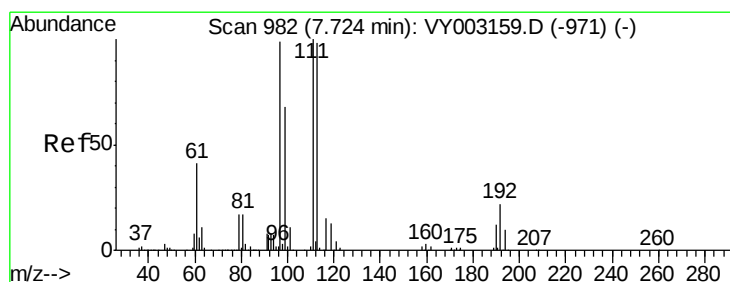
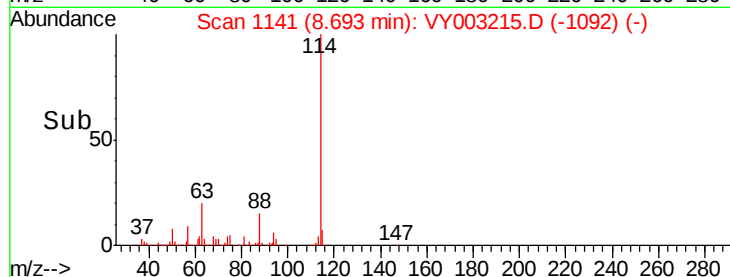
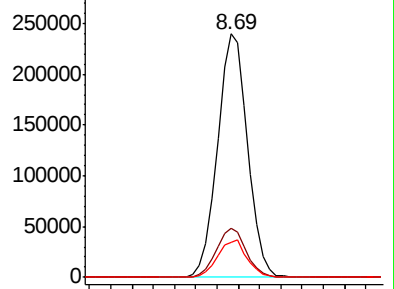
88 14.6 0.0 30.2



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: 48.603 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003215.D

Acq: 16 Jul 2020 17:28

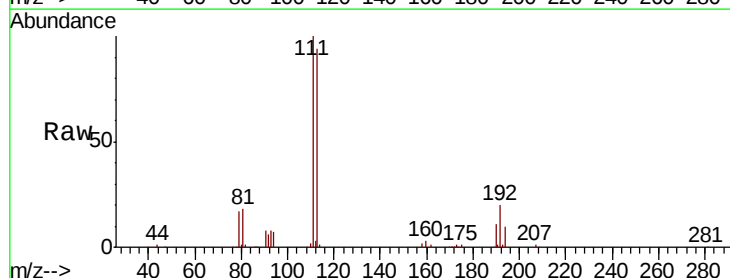
Tgt Ion:113 Resp: 132902

Ion Ratio Lower Upper

113 100

111 104.4 82.1 123.1

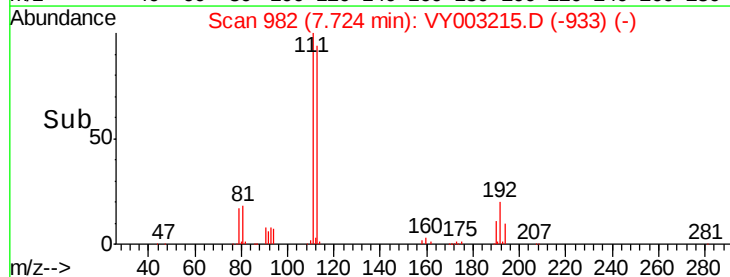
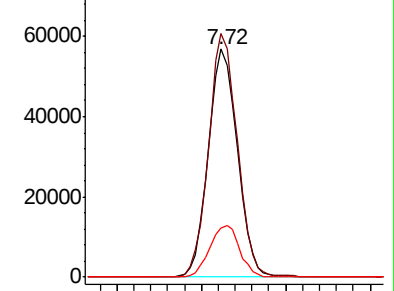
192 23.1 18.8 28.2

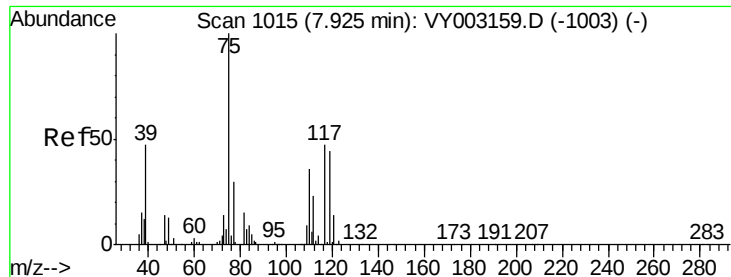


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.297 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003215.D

Acq: 16 Jul 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-058-B

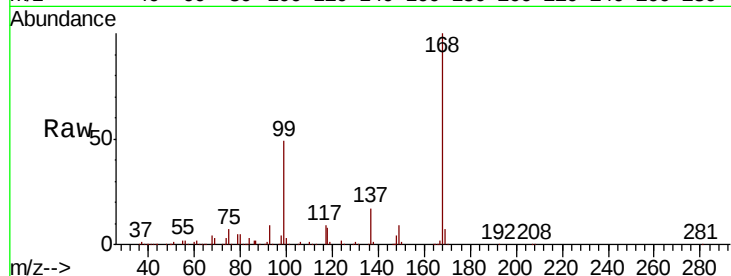
Tot Ion: 75 Resp: 22811

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.1#

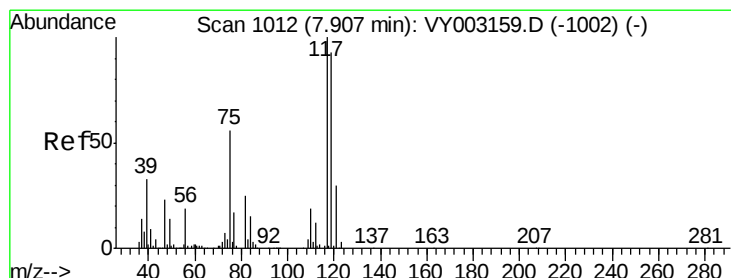
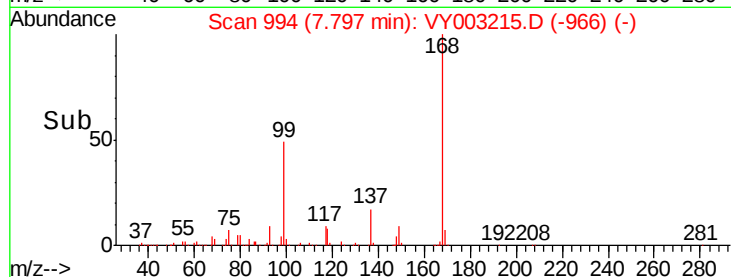
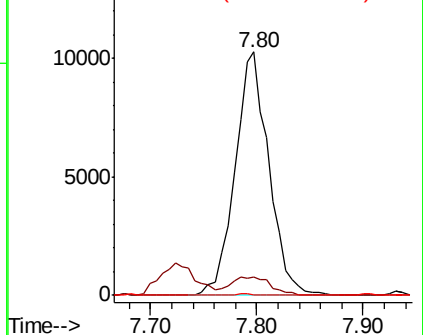
77 0.2 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY003215.D (-966) (-)

Ion 109.90 (109.60 to 110.60): VY003215.D (-966) (-)

Ion 76.90 (76.60 to 77.60): VY003215.D (-966) (-)



#38

Carbon Tetrachloride

Concen: 6.499 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003215.D

Acq: 16 Jul 2020 17:28

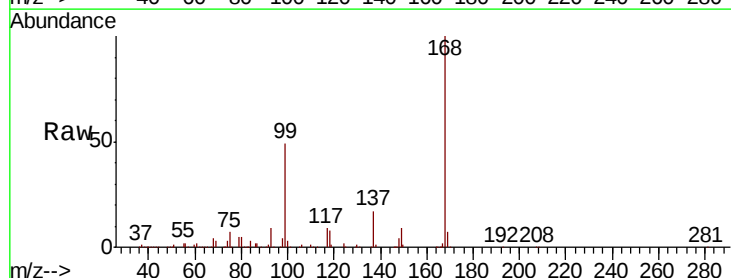
Tgt Ion: 117 Resp: 28895

Ion Ratio Lower Upper

117 100

119 6.0 74.5 111.7#

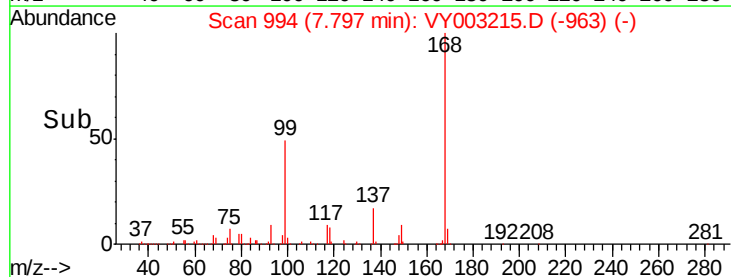
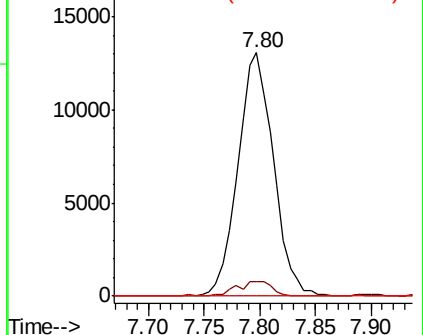
121 0.0 24.2 36.2#

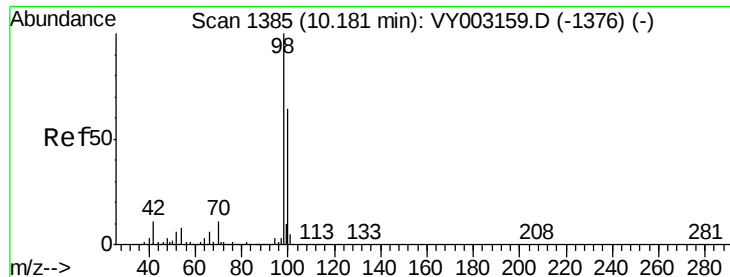


Abundance Ion 116.80 (116.50 to 117.50): VY003215.D (-963) (-)

Ion 118.80 (118.50 to 119.50): VY003215.D (-963) (-)

Ion 120.80 (120.50 to 121.50): VY003215.D (-963) (-)





#50

Toluene-d8

Concen: 55.483 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003215.D

Acq: 16 Jul 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

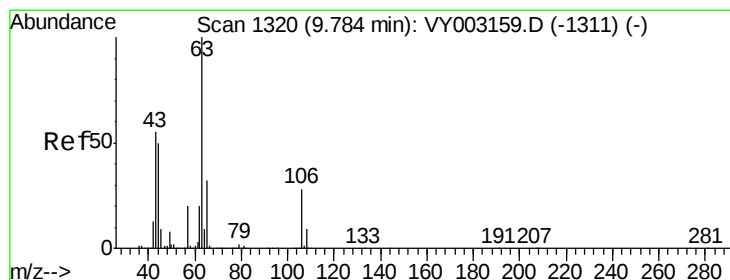
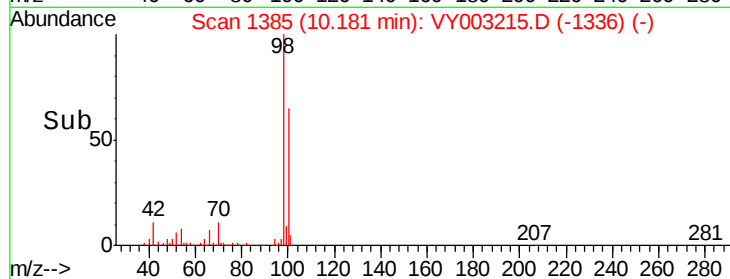
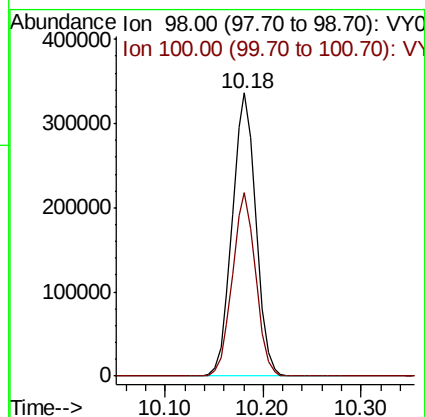
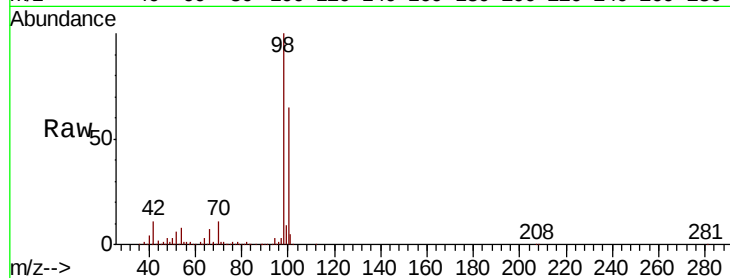
FK-GF-02-058-B

Tot Ion: 98 Resp: 564057

Ion Ratio Lower Upper

98 100

100 63.8 50.7 76.1



#58

2-Chloroethyl Vinyl ether

Concen: 1.271 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003215.D

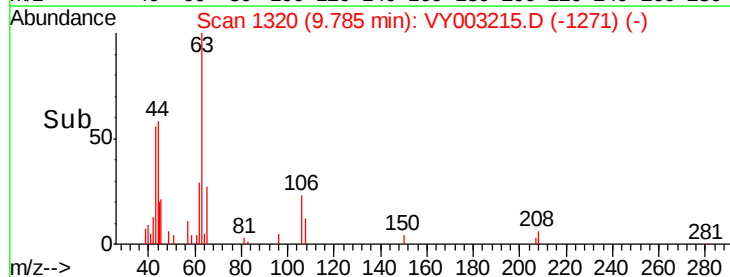
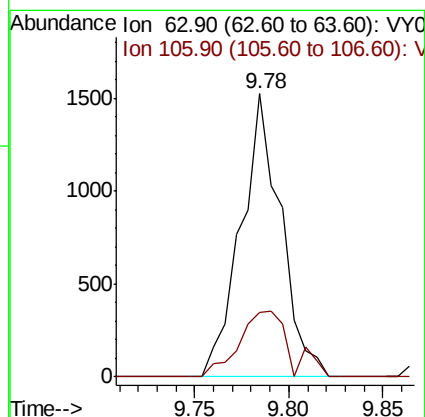
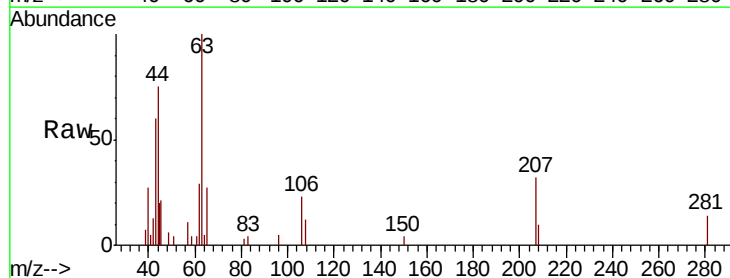
Acq: 16 Jul 2020 17:28

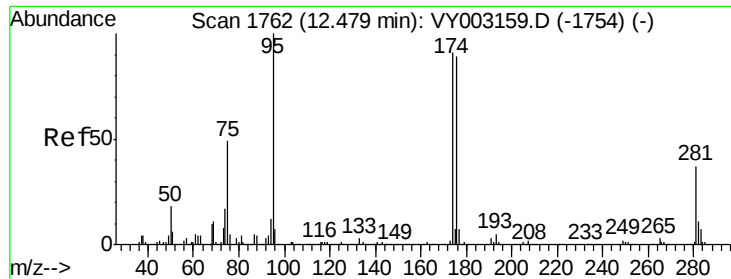
Tgt Ion: 63 Resp: 2238

Ion Ratio Lower Upper

63 100

106 29.5 22.9 34.3

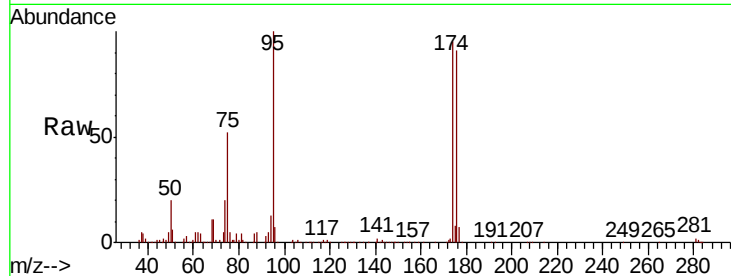




#62
4-Bromofluorobenzene
Concen: 43.265 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003215.D
Acq: 16 Jul 2020 17:28

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

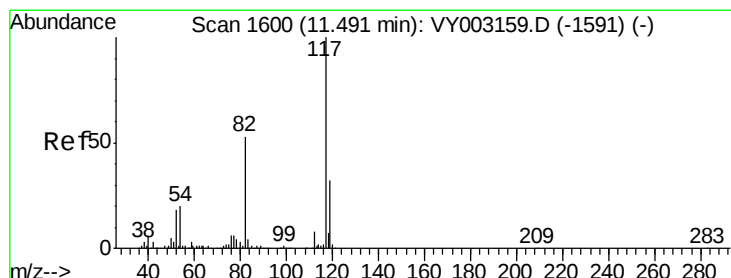
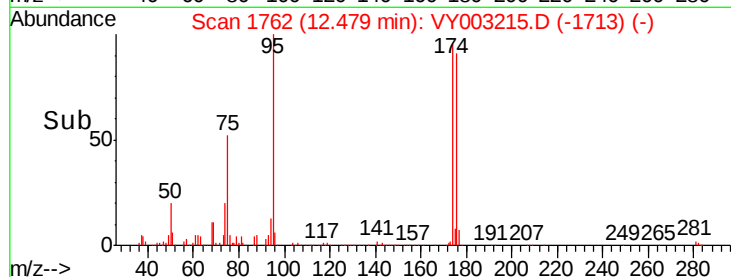
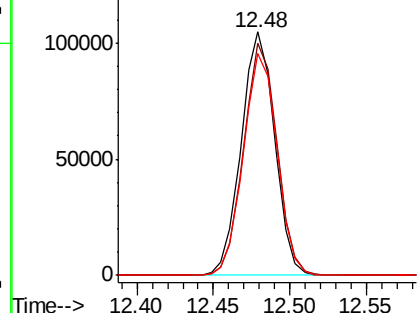
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	190.6
176	92.1	0.0	186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003159.D (-1754) (-)

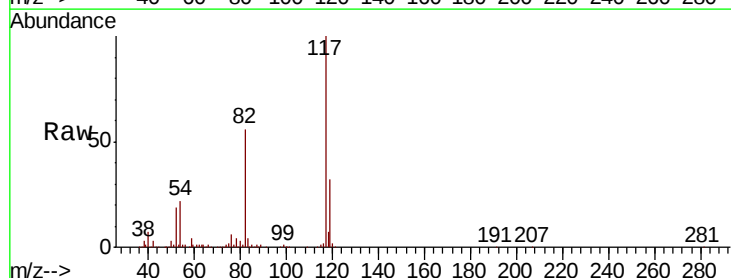
Ion 173.80 (173.50 to 174.50): VY003159.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003159.D (-1754) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003215.D
Acq: 16 Jul 2020 17:28

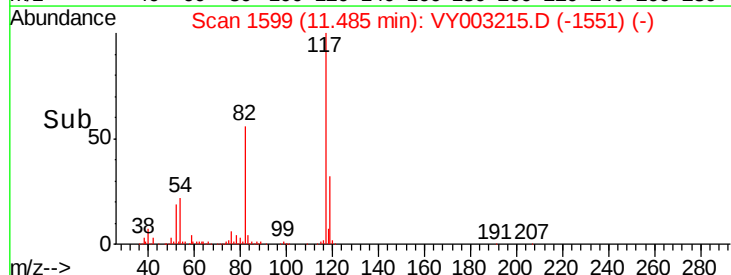
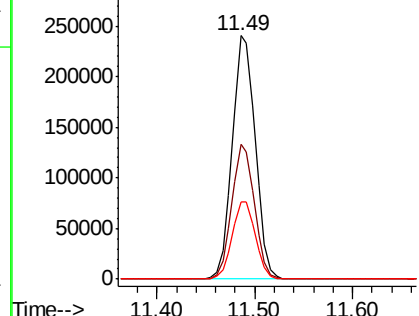
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	42.0	63.0
119	31.5	25.5	38.3

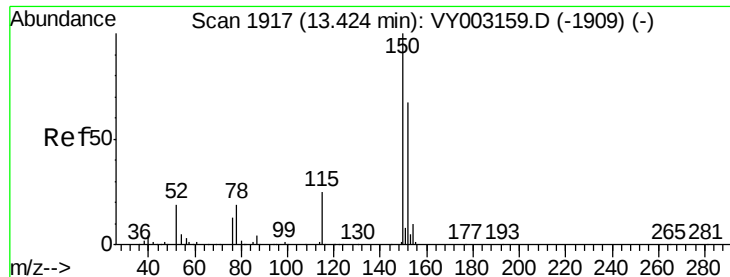


Abundance Ion 116.90 (116.60 to 117.60): VY003159.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003159.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003159.D (-1591) (-)



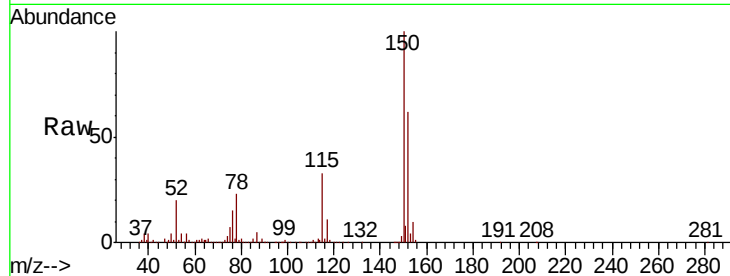


#72

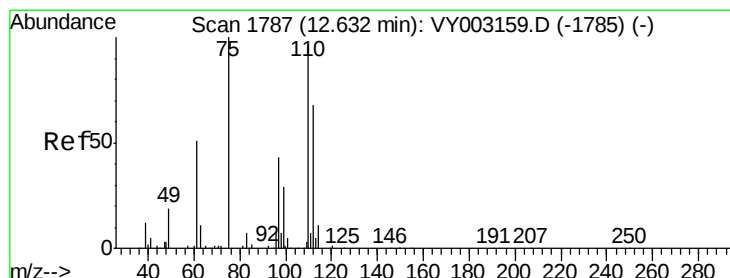
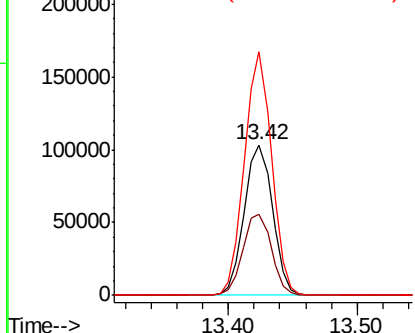
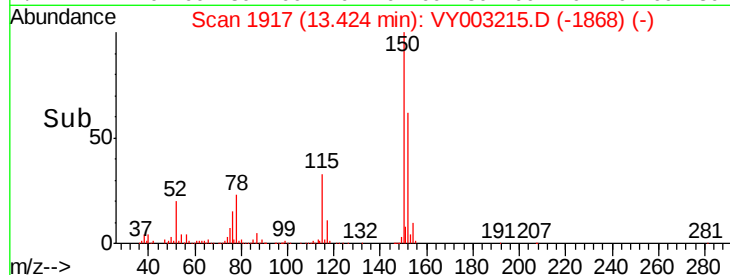
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003215.D
Acq: 16 Jul 2020 17:28

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

Tot Ion:152 Resp: 156827
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 155.0 0.0 338.0



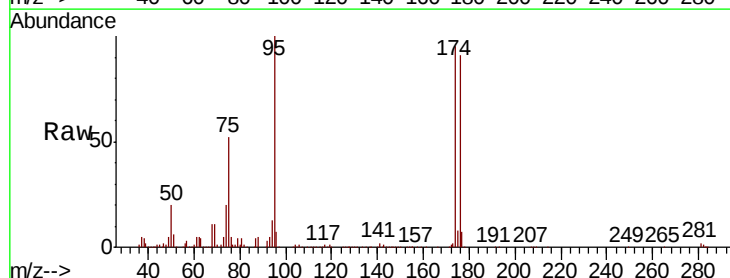
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



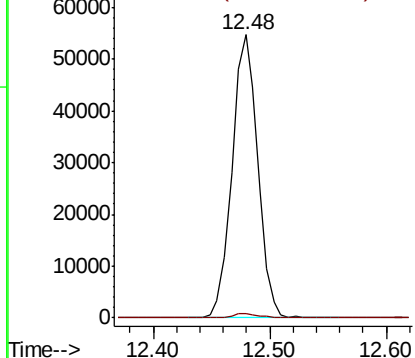
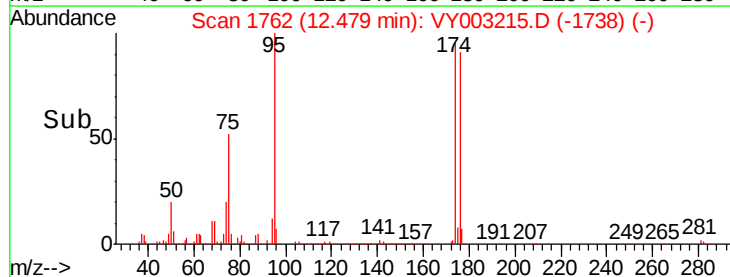
#76

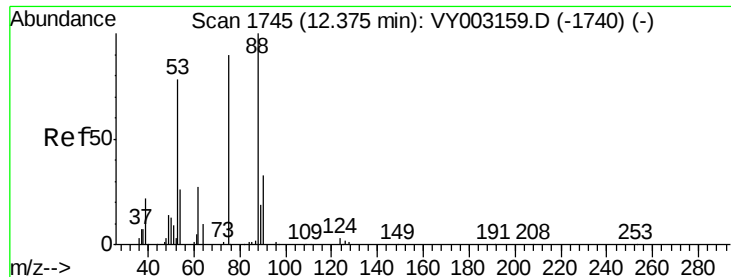
1,2,3-Trichloropropane
Concen: 60.383 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003215.D
Acq: 16 Jul 2020 17:28

Tgt Ion: 75 Resp: 83823
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: 117.517 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003215.D

Acq: 16 Jul 2020 17:28

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-058-B

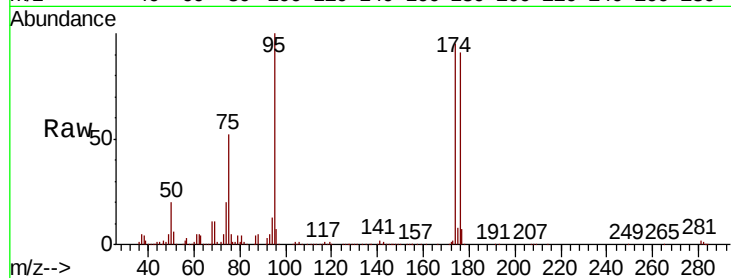
Tot Ion: 75 Resp: 83823

Ion Ratio Lower Upper

75 100

53 0.0 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

