

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003474.D
 Acq On : 02 Nov 2020 15:49
 Operator : SY/MD
 Sample : L4565-02
 Misc : 5.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-063-A

Quant Time: Nov 03 01:54:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

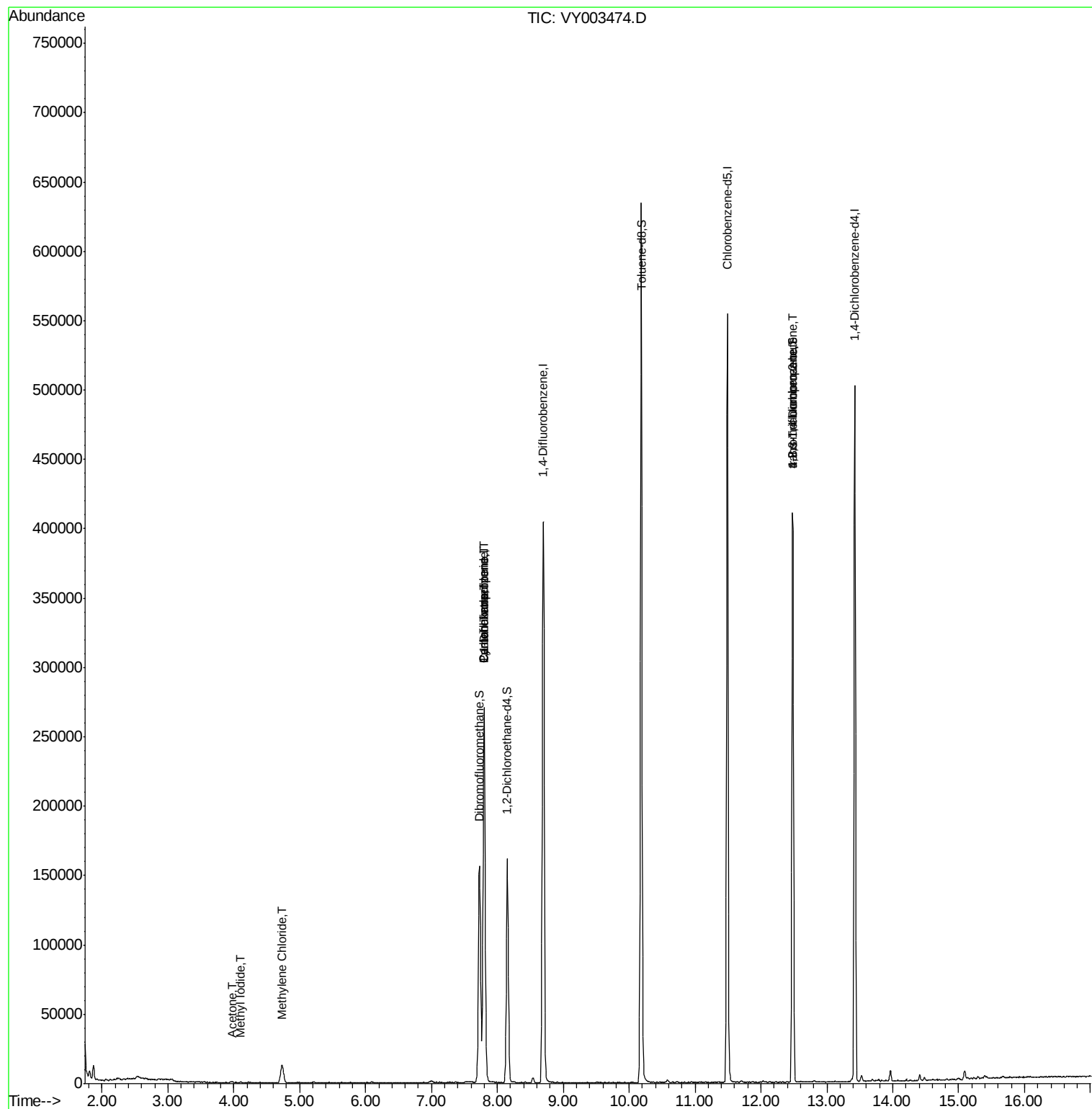
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	126722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123951	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
35) Dibromofluoromethane	7.73	113	109751	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
50) Toluene-d8	10.18	98	417096	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	12.48	95	121835	40.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.94%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.11	142	514	4.851	ug/l #	61
11) Tert butyl alcohol	4.96	59	59	Below Cal	#	73
16) Acetone	3.97	43	1347	1.773	ug/l #	87
20) Methylene Chloride	4.74	84	9892	4.623	ug/l	94
31) Cyclohexane	7.80	56	4299	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	15375	4.600	ug/l #	50
38) Carbon Tetrachloride	7.80	117	19739	5.693	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	65356	48.744	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	65356	101.736	ug/l #	12

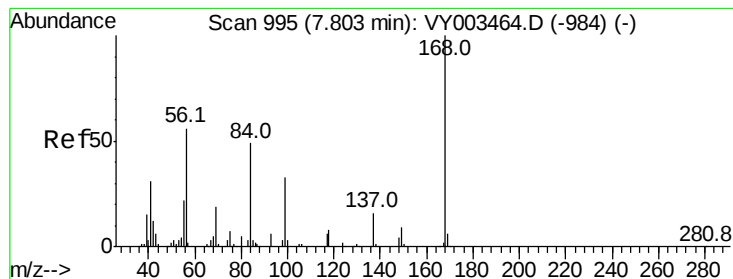
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

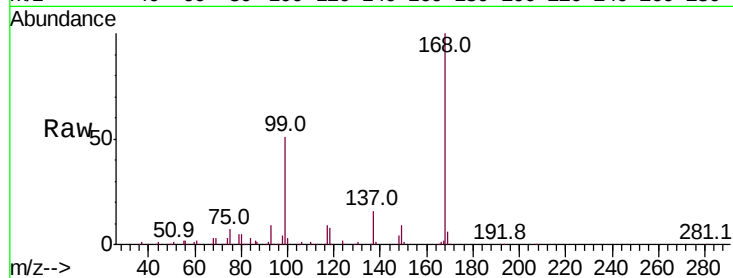
FK-GF-02-063-A

Tot Ion:168 Resp: 224654

Ion Ratio Lower Upper

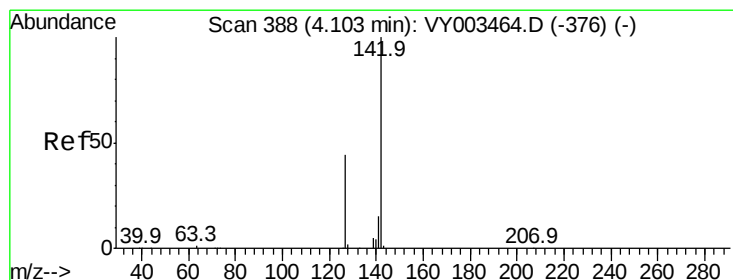
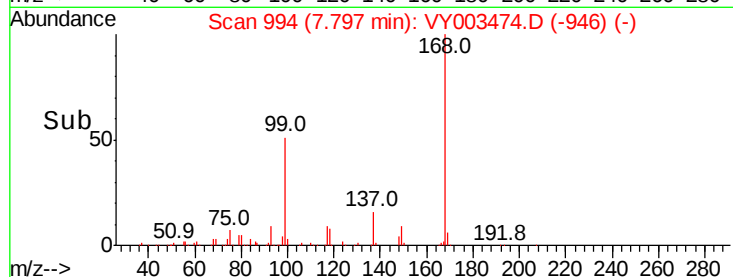
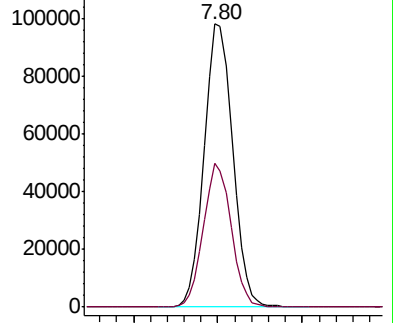
168 100

99 50.7 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#10

Methyl Iodide

Concen: 4.851 ug/l

RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

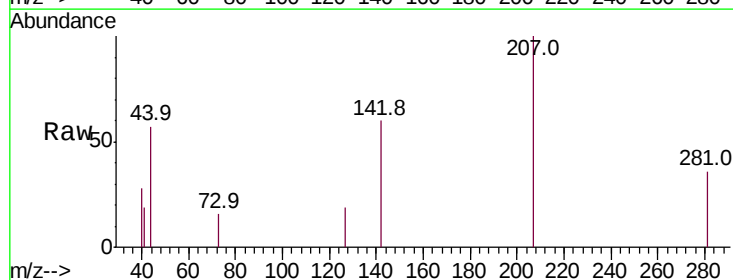
Tgt Ion:142 Resp: 514

Ion Ratio Lower Upper

142 100

127 17.5 34.5 51.7#

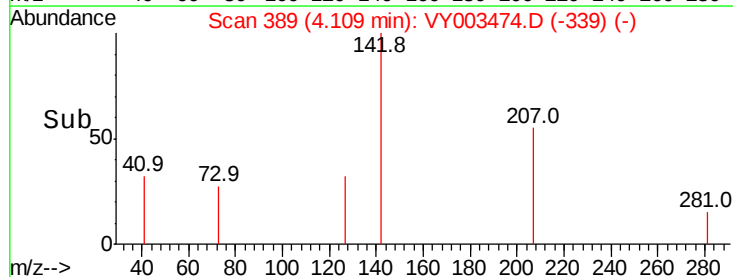
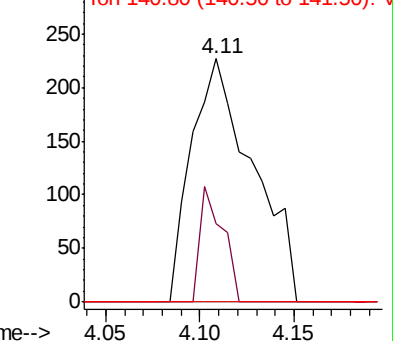
141 0.0 11.8 17.8#

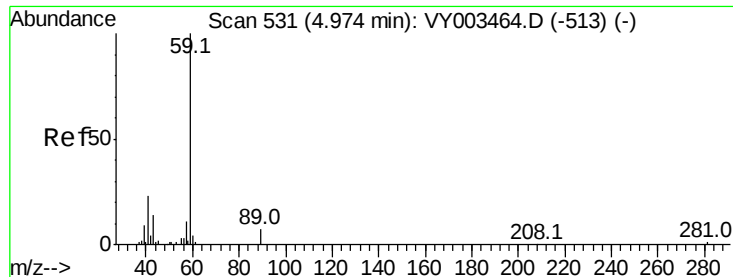


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



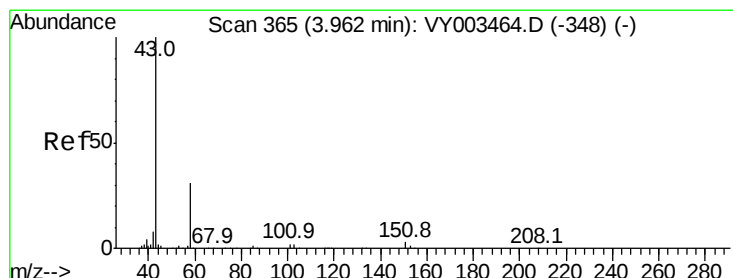
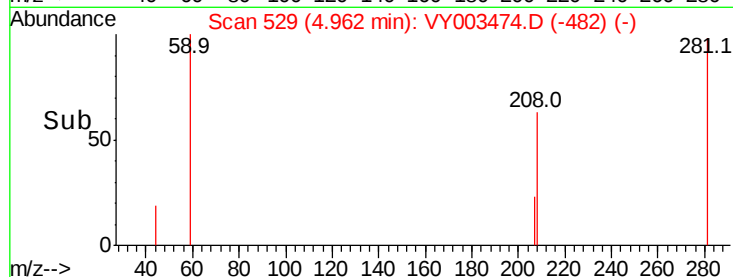
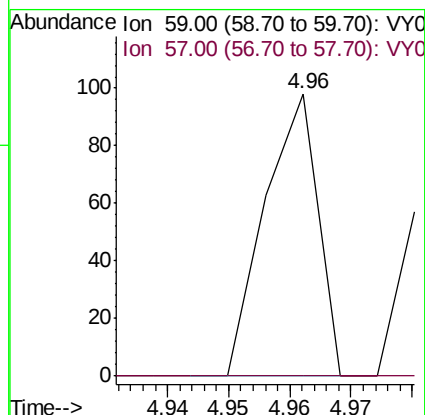
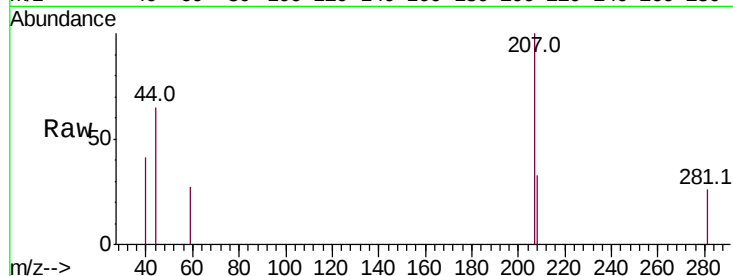


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY003474.D
 Acq: 02 Nov 2020 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-063-A

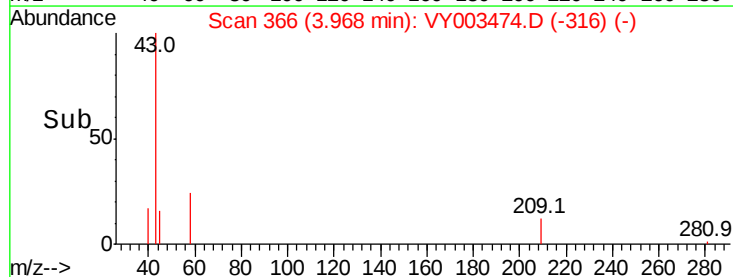
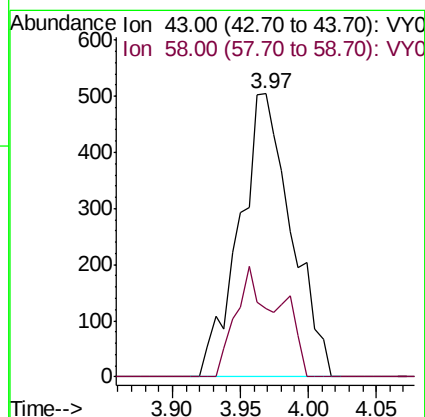
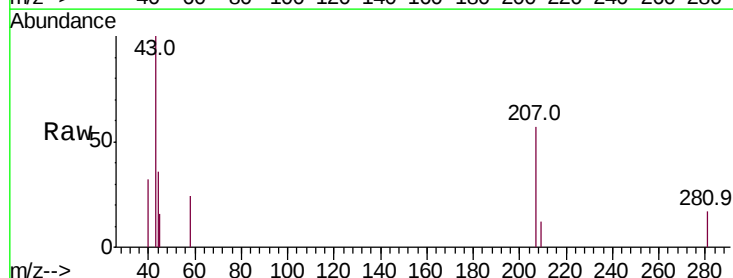
Tot Ion: 59 Resp: 59
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

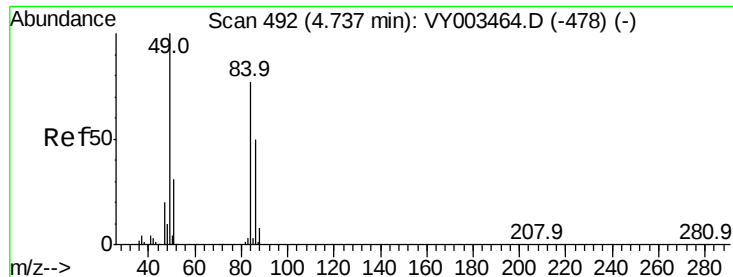


#16

Acetone
 Concen: 1.773 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VY003474.D
 Acq: 02 Nov 2020 15:49

Tgt Ion: 43 Resp: 1347
 Ion Ratio Lower Upper
 43 100
 58 24.2 25.0 37.4#

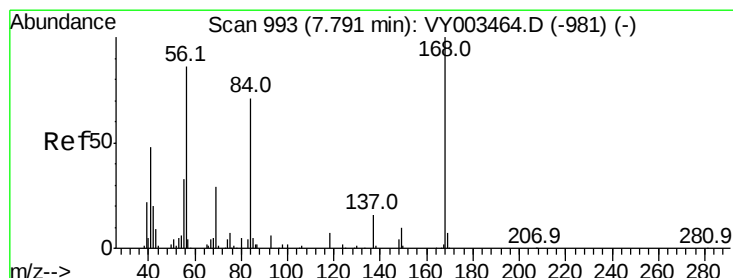
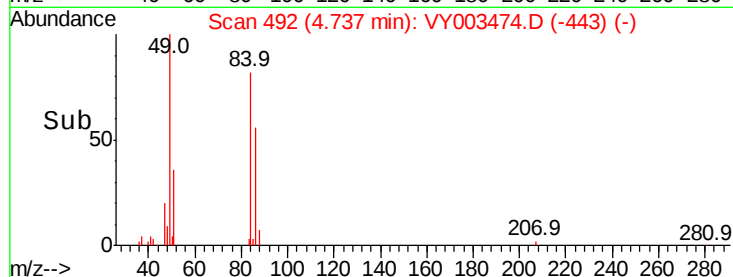
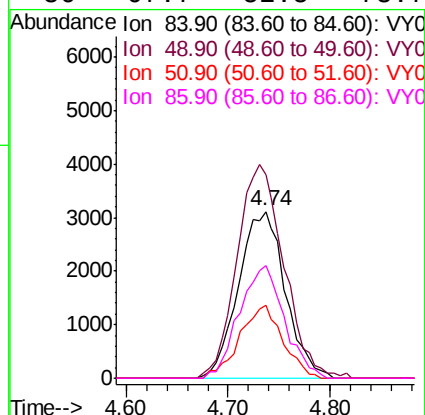
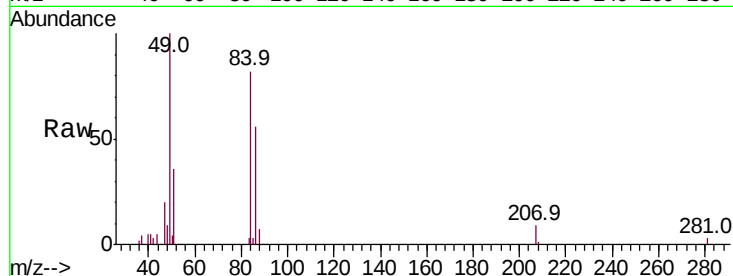




#20
Methvlene Chloride
Concen: 4.623 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY003474.D
Acq: 02 Nov 2020 15:49

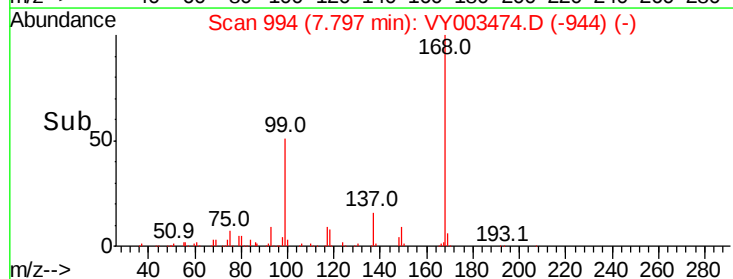
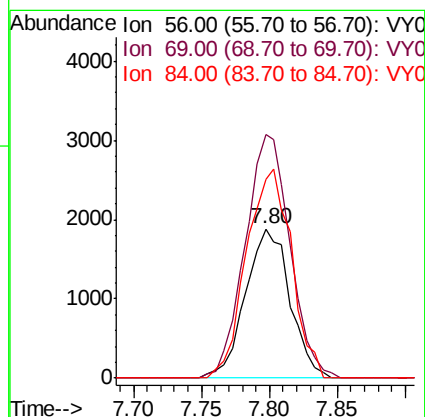
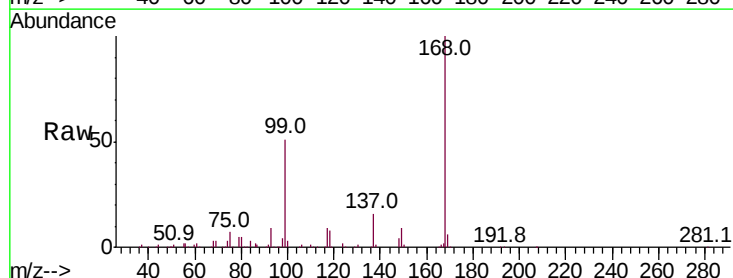
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-063-A

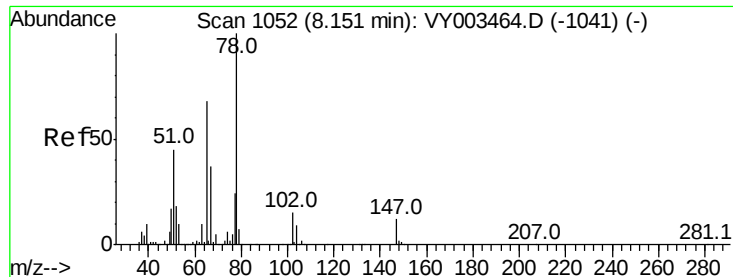
Tot Ion:	84	Resp:	9892
Ion	Ratio	Lower	Upper
84	100		
49	121.8	104.3	156.5
51	43.6	32.5	48.7
86	67.7	52.5	78.7



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003474.D
Acq: 02 Nov 2020 15:49

Tgt Ion:	56	Resp:	4299
Ion	Ratio	Lower	Upper
56	100		
69	163.4	26.6	39.8#
84	133.8	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.819 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

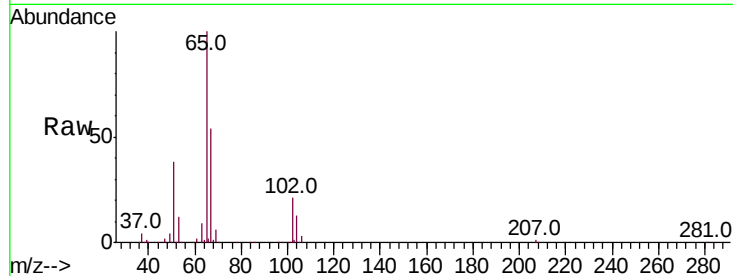
FK-GF-02-063-A

Tot Ion: 65 Resp: 123951

Ion Ratio Lower Upper

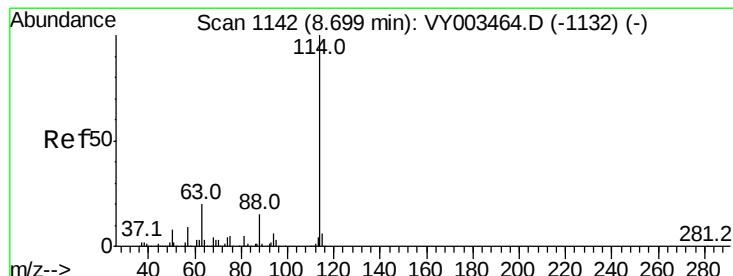
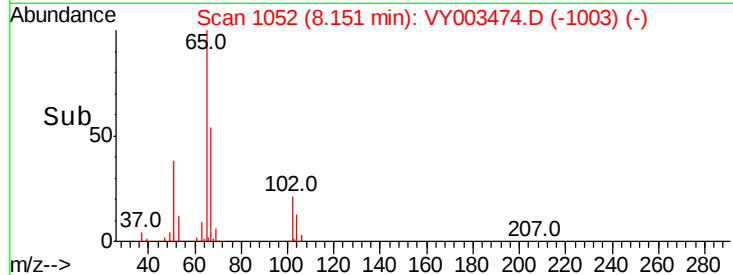
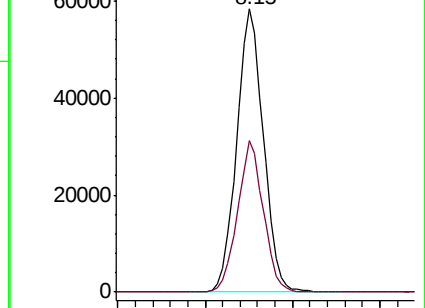
65 100

67 51.7 0.0 106.0



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: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

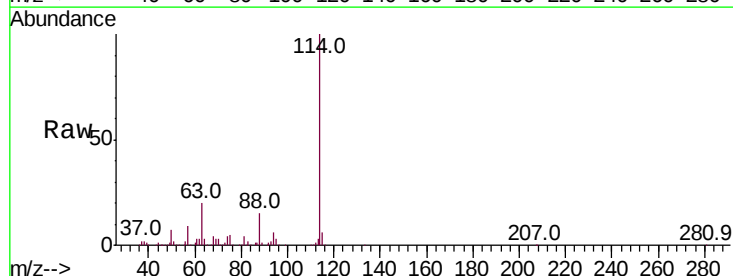
Tgt Ion: 114 Resp: 354503

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

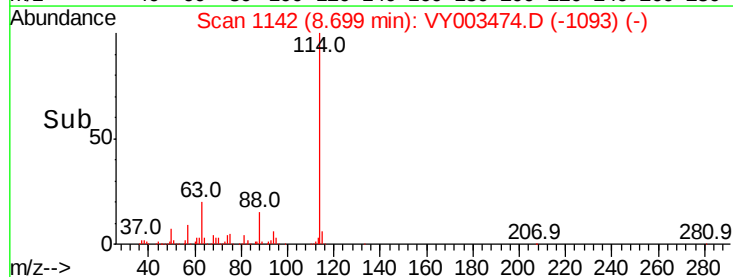
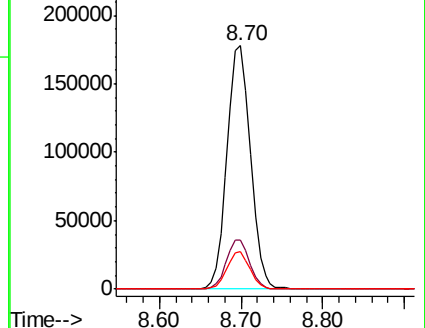
88 15.2 0.0 29.4

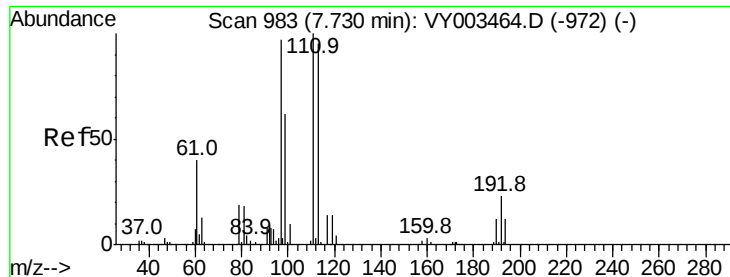


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

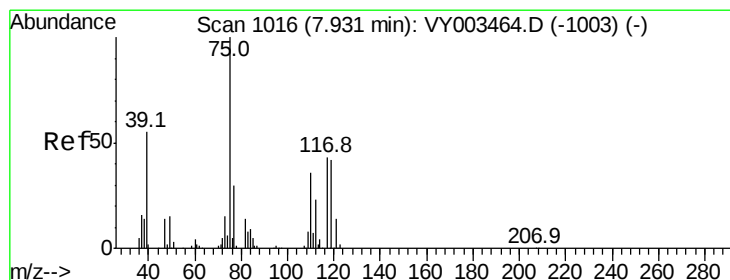
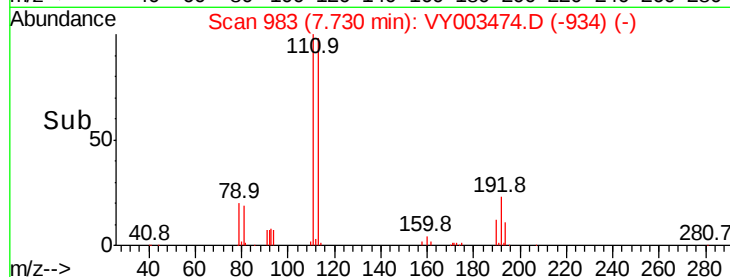
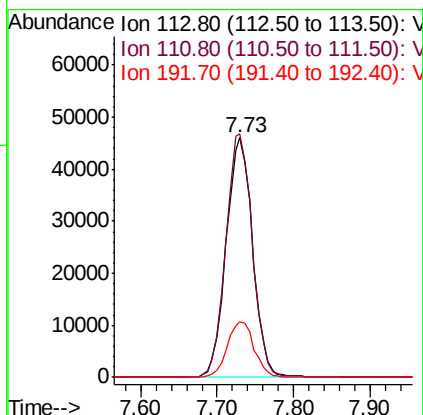
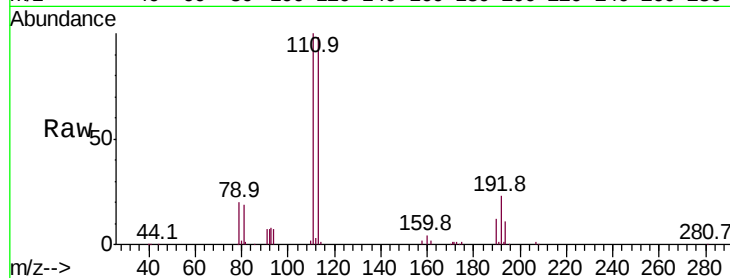




#35
 Dibromofluoromethane
 Concen: 50.876 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003474.D
 Acq: 02 Nov 2020 15:49

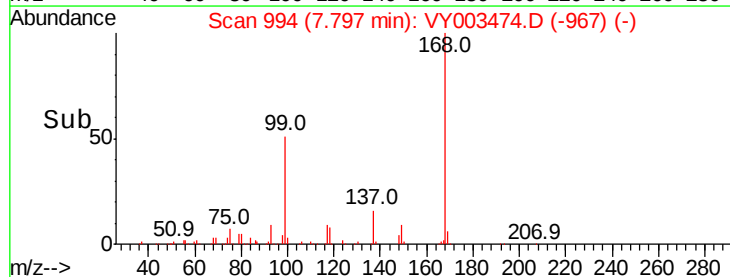
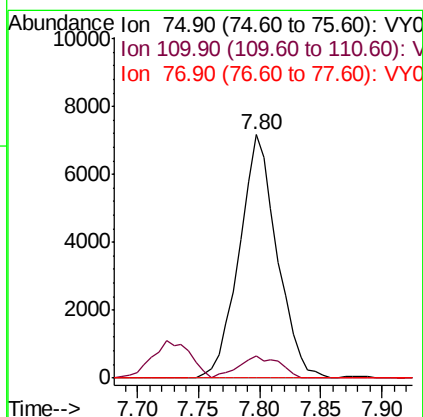
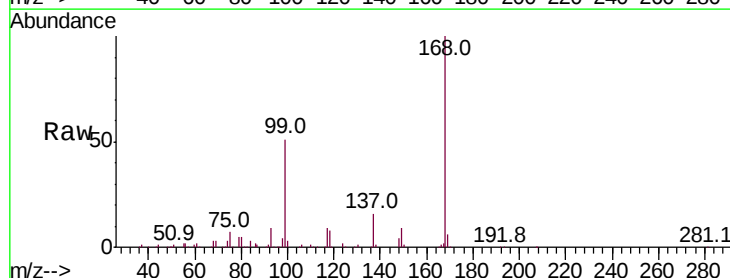
Instrument :
 MSVOA_Y
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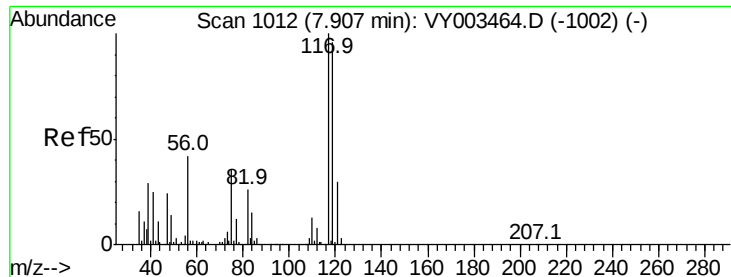
Tot Ion:113 Resp: 109751
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.6
 192 23.6 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.600 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003474.D
 Acq: 02 Nov 2020 15:49

Tgt Ion: 75 Resp: 15375
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.6 52.9#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.693 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-063-A

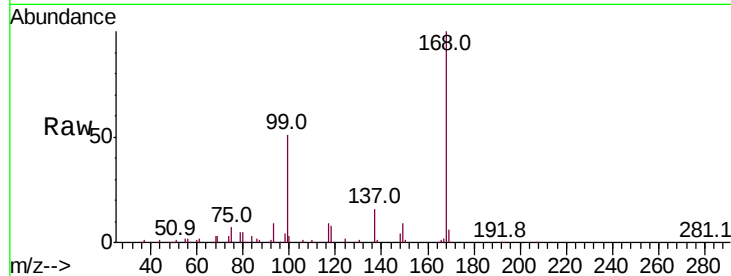
Tot Ion:117 Resp: 19739

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.4#

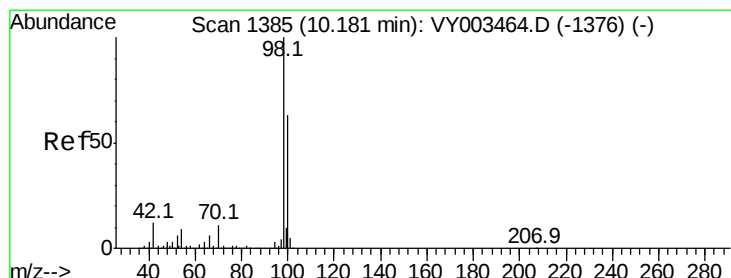
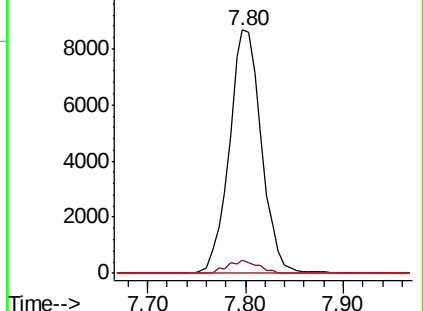
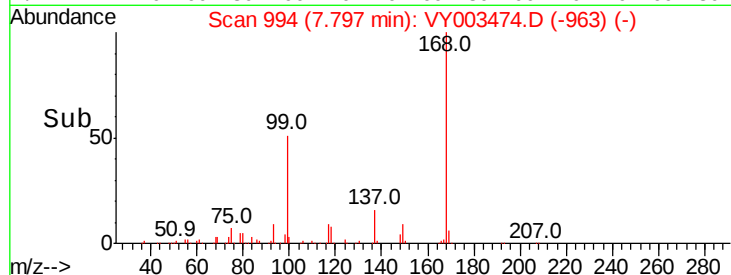
121 0.0 24.2 36.4#



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: 46.477 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003474.D

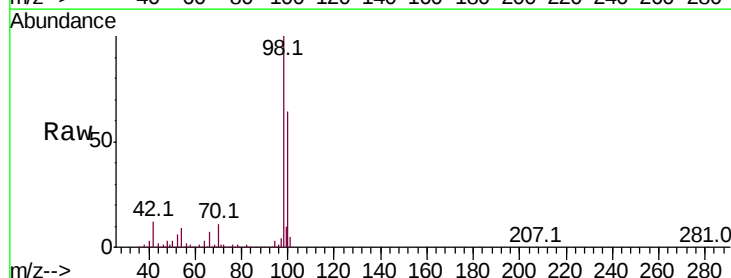
Acq: 02 Nov 2020 15:49

Tgt Ion: 98 Resp: 417096

Ion Ratio Lower Upper

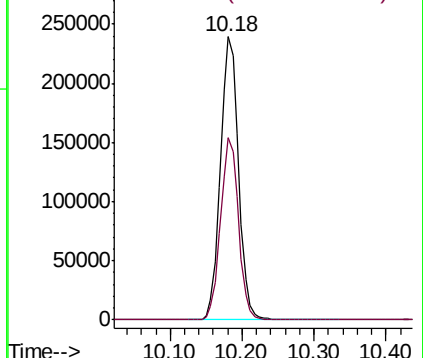
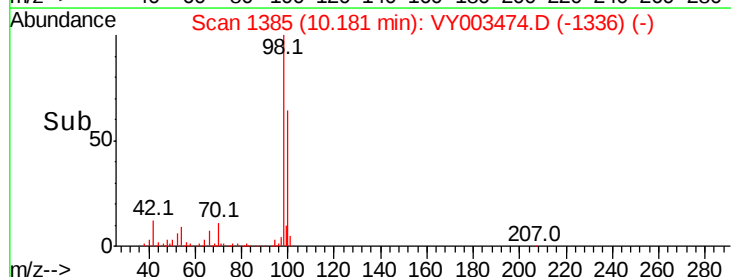
98 100

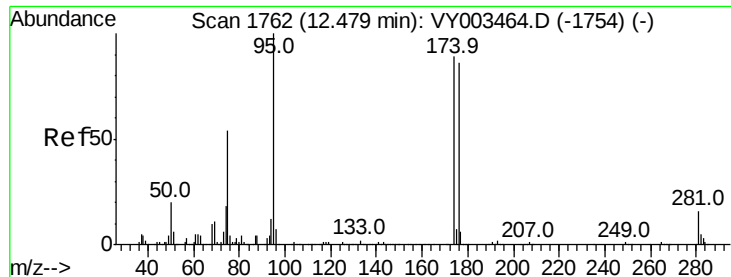
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 40.974 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

Instrument :

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ClientSampleId :

FK-GF-02-063-A

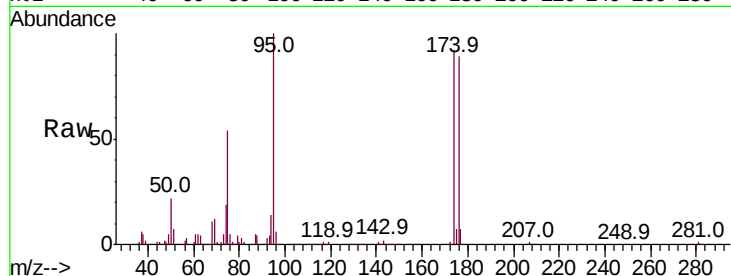
Tot Ion: 95 Resp: 121835

Ion Ratio Lower Upper

95 100

174 95.7 0.0 193.0

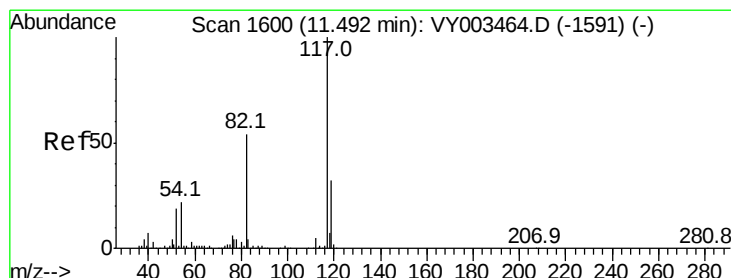
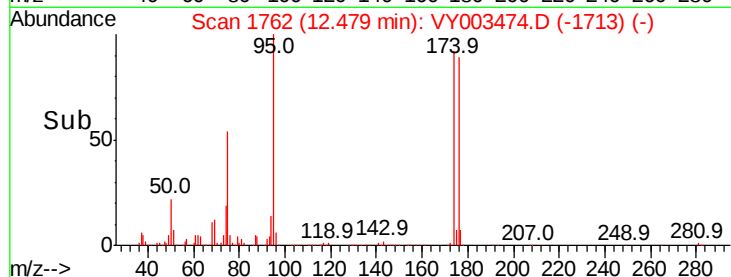
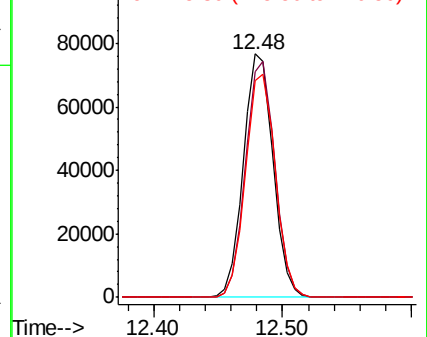
176 92.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VY003464.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003464.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003464.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

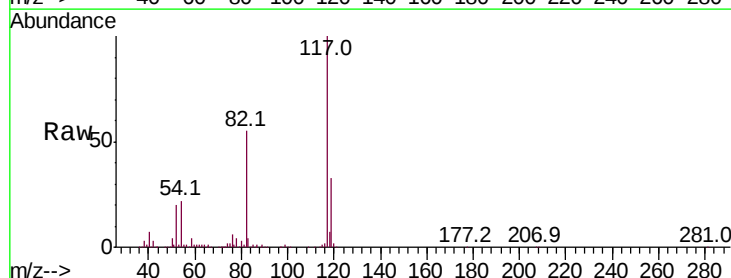
Tgt Ion: 117 Resp: 298522

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.2

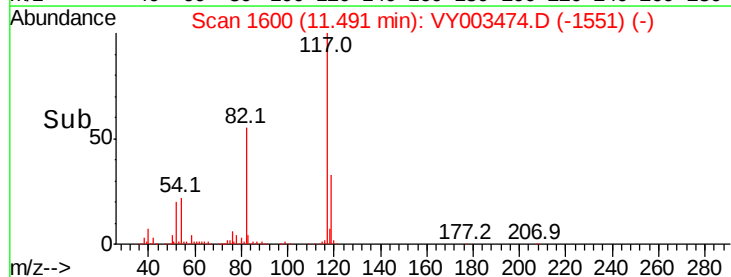
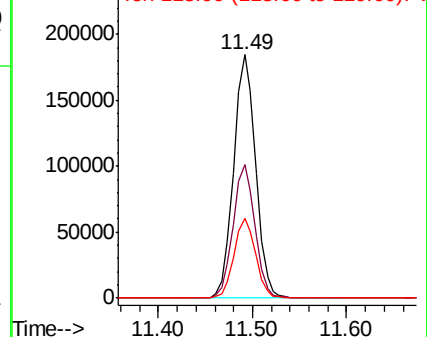
119 32.8 25.8 38.6

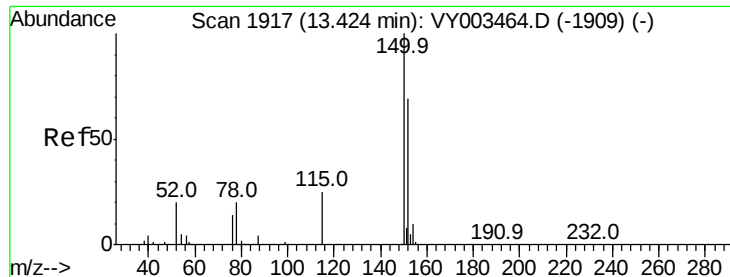


Abundance Ion 116.90 (116.60 to 117.60): VY003464.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003464.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003464.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: VY003474.D

Acq: 02 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-063-A

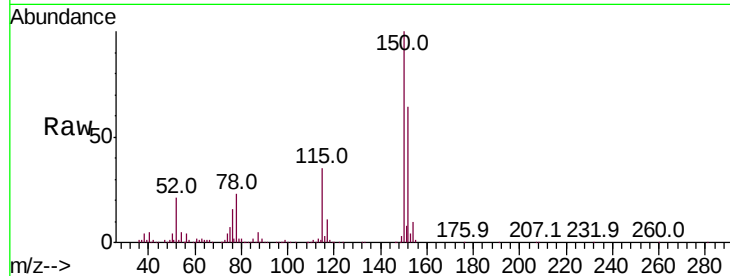
Tot Ion:152 Resp: 126722

Ion Ratio Lower Upper

152 100

115 55.4 27.5 82.4

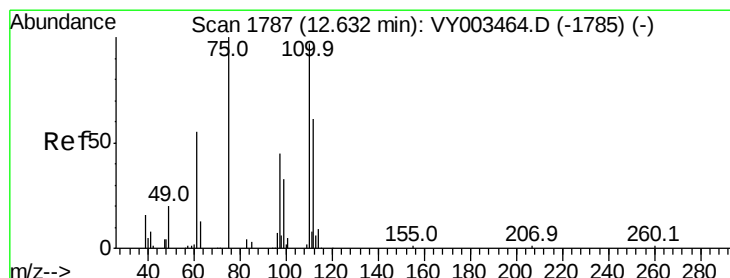
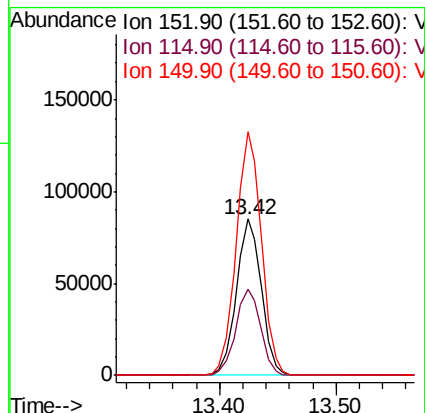
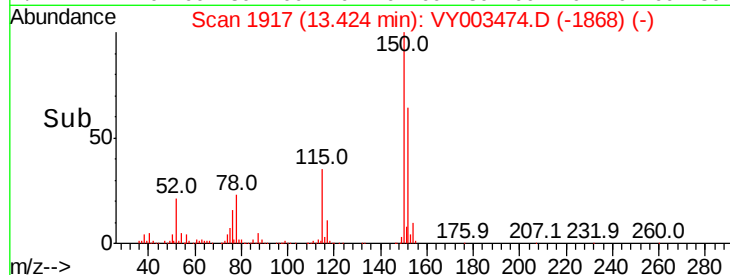
150 157.5 0.0 345.8



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: 48.744 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003474.D

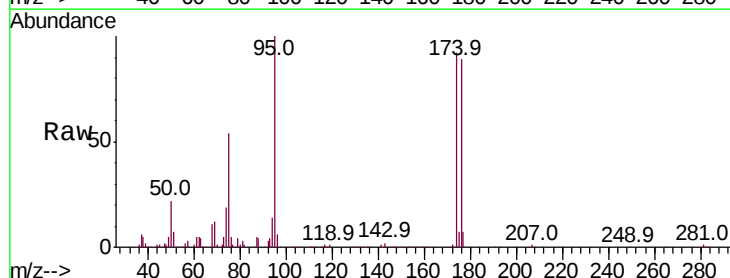
Acq: 02 Nov 2020 15:49

Tgt Ion: 75 Resp: 65356

Ion Ratio Lower Upper

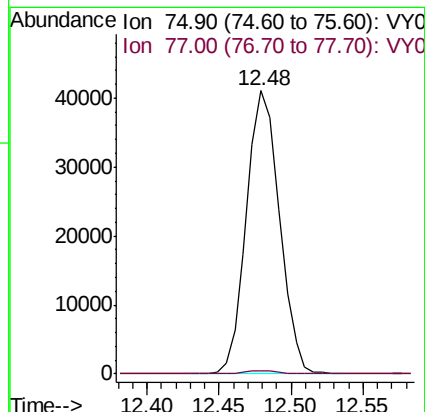
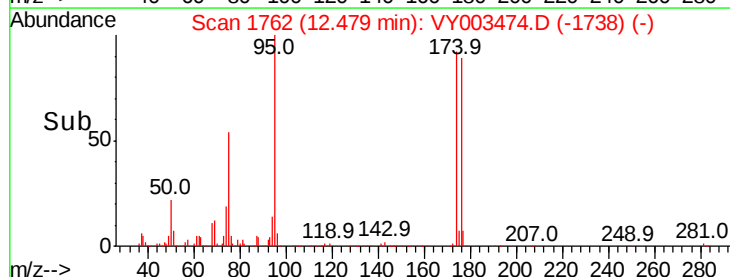
75 100

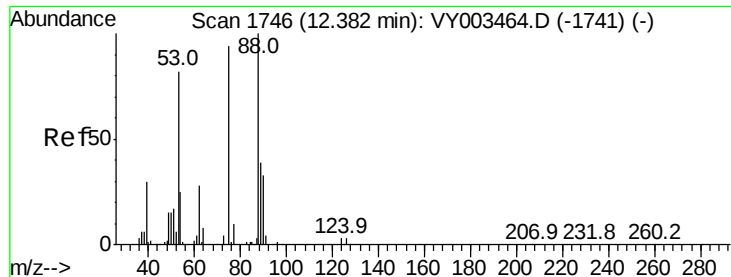
77 1.2 0.0 0.0#



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: 101.736 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003474.D

Acq: 02 Nov 2020 15:49

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-063-A

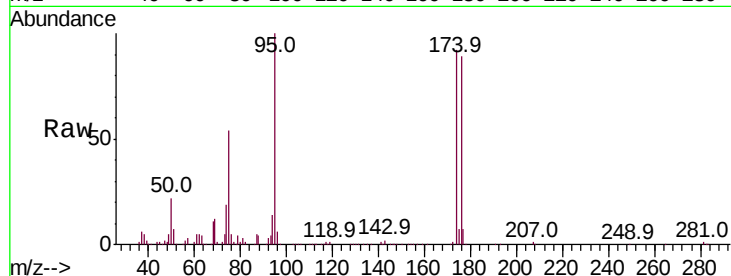
Tot Ion: 75 Resp: 65356

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.1 35.8 53.8#



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

