

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
 Data File : VY003475.D
 Acq On : 02 Nov 2020 16:12
 Operator : SY/MD
 Sample : L4565-04
 Misc : 4.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Nov 03 01:55:07 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	233877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	369459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	309614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	135416	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	130037	54.23	ug/l	0.00
Spiked Amount			Recovery	=	108.46%	
35) Dibromofluoromethane	7.73	113	113807	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
50) Toluene-d8	10.18	98	435950	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
62) 4-Bromofluorobenzene	12.48	95	129333	41.74	ug/l	0.00
Spiked Amount			Recovery	=	83.48%	

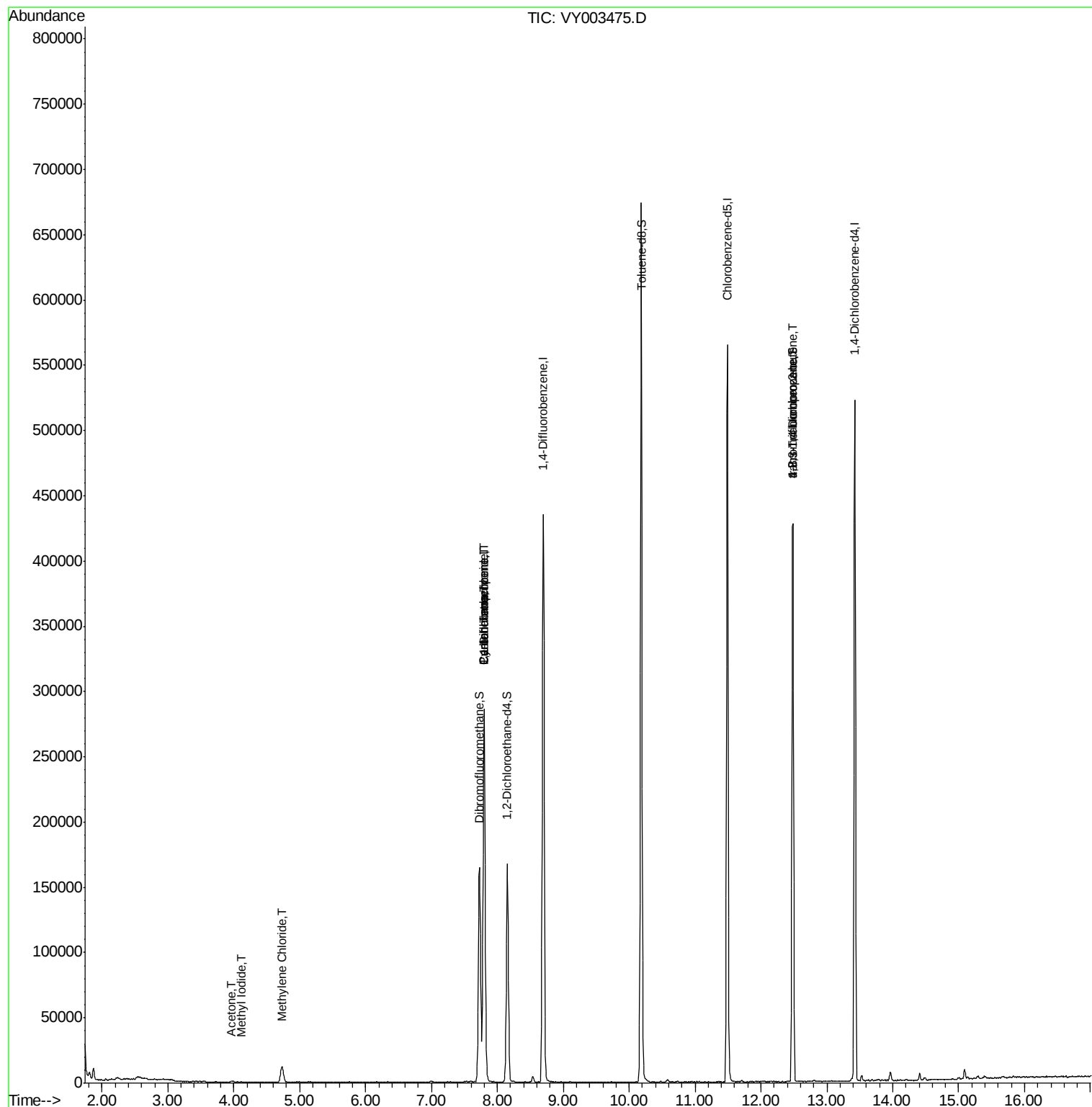
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.11	142	340	4.761	ug/l #	77
11) Tert butyl alcohol	4.97	59	19	Below Cal	#	73
16) Acetone	3.96	43	1217	1.539	ug/l	94
20) Methylene Chloride	4.72	84	9243	4.149	ug/l	87
31) Cyclohexane	7.80	56	4229	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16431	4.717	ug/l #	50
38) Carbon Tetrachloride	7.80	117	20736	5.738	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	67905	47.393	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	67905	98.918	ug/l #	12

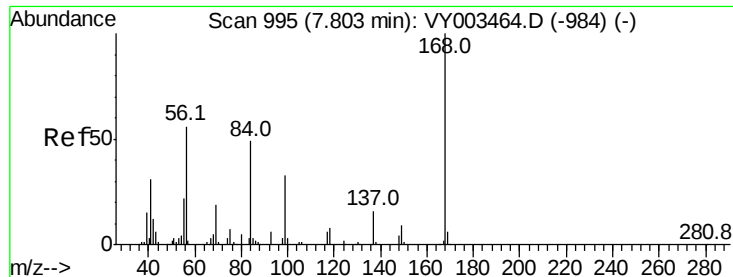
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110220\
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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: VY003475.D

Acq: 02 Nov 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

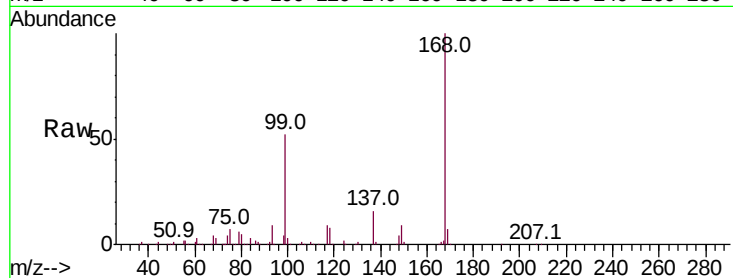
FK-GF-02-063-B

Tot Ion:168 Resp: 233877

Ion Ratio Lower Upper

168 100

99 52.3 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

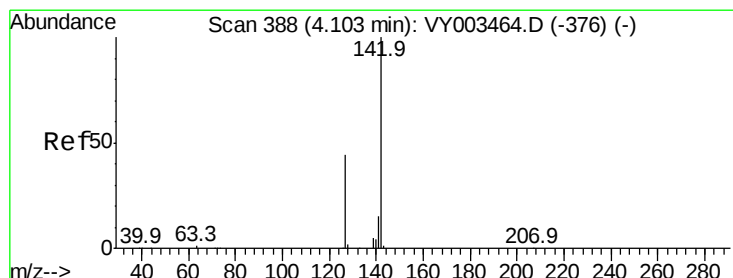
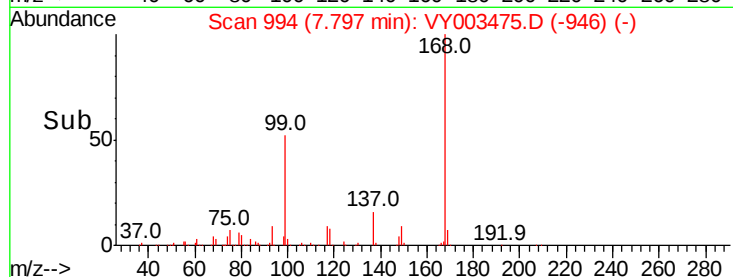
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.761 ug/l

RT: 4.11 min Scan# 390

Delta R.T. 0.01 min

Lab File: VY003475.D

Acq: 02 Nov 2020 16:12

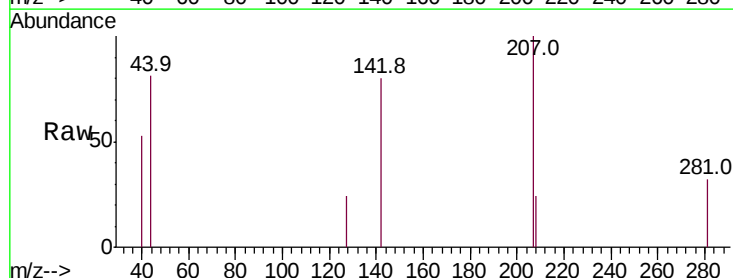
Tgt Ion:142 Resp: 340

Ion Ratio Lower Upper

142 100

127 31.2 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

4.11

250

200

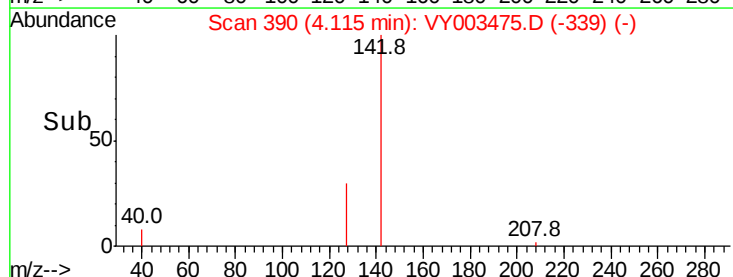
150

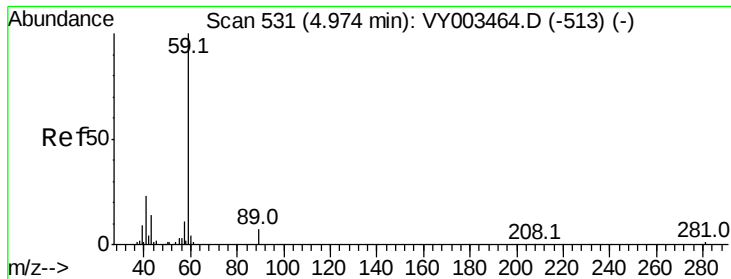
100

50

0

Time-->



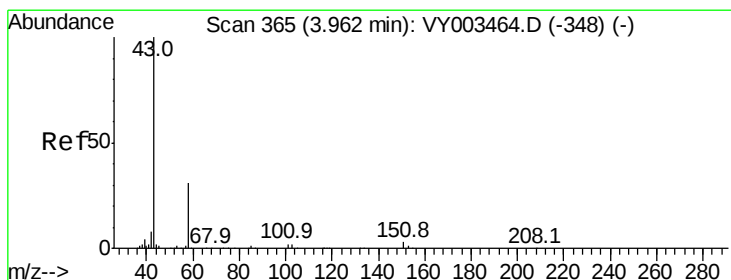
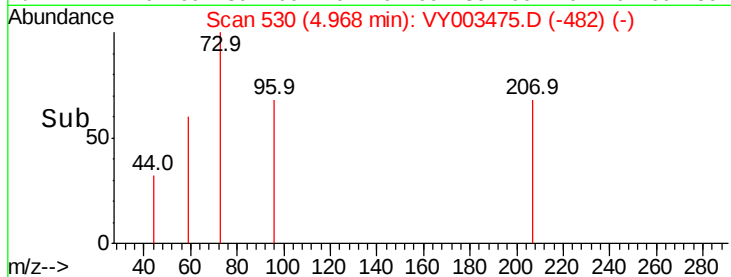
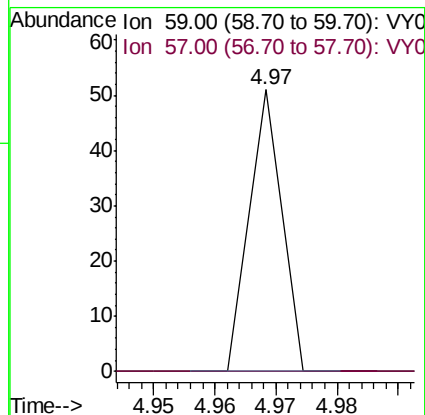
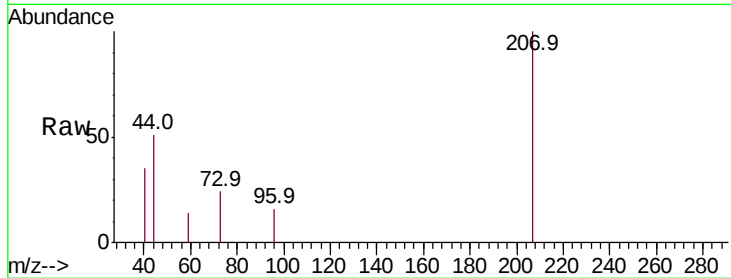


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY003475.D
 Acq: 02 Nov 2020 16:12

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

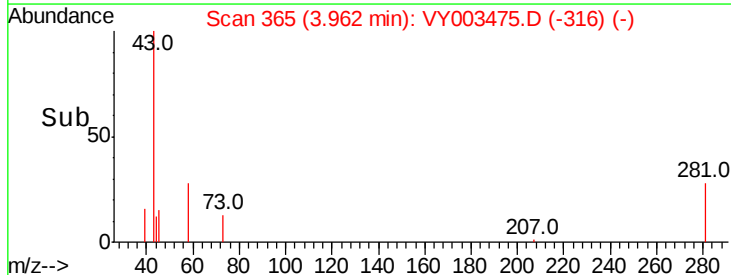
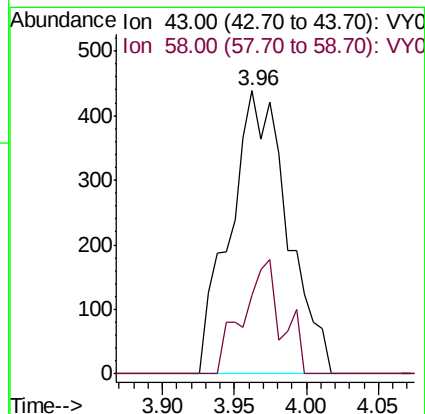
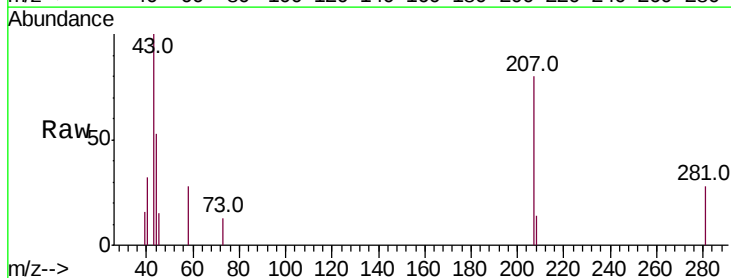
Tot Ion: 59 Resp: 19
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

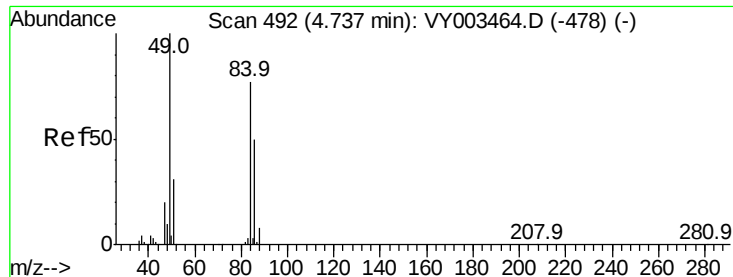


#16

Acetone
 Concen: 1.539 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VY003475.D
 Acq: 02 Nov 2020 16:12

Tgt Ion: 43 Resp: 1217
 Ion Ratio Lower Upper
 43 100
 58 27.9 25.0 37.4

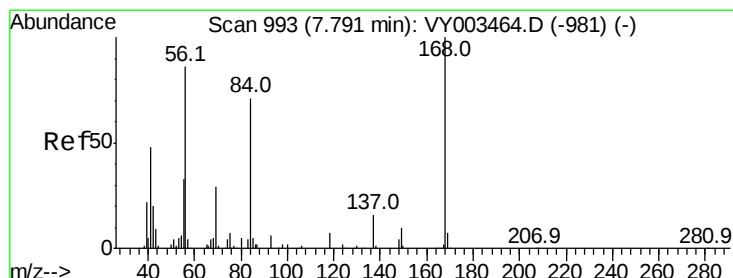
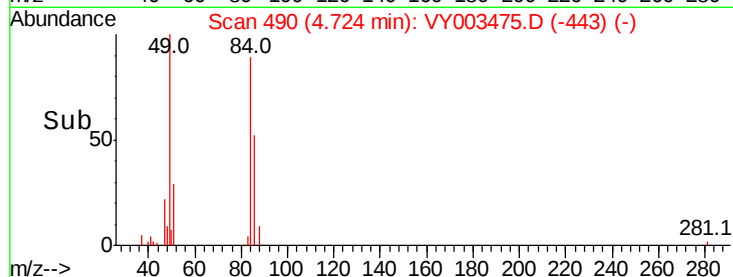
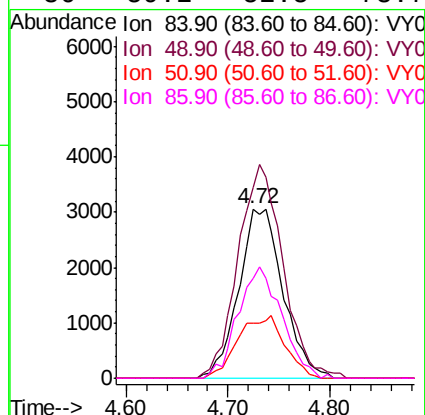
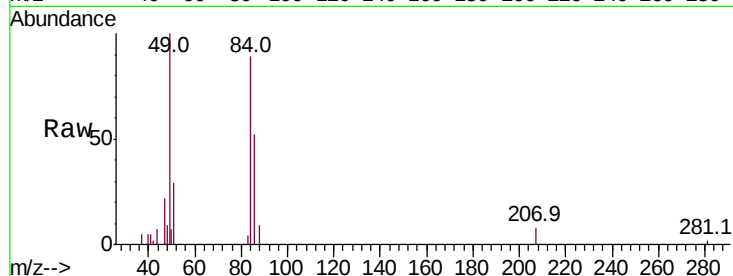




#20
Methvlene Chloride
Concen: 4.149 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003475.D
Acq: 02 Nov 2020 16:12

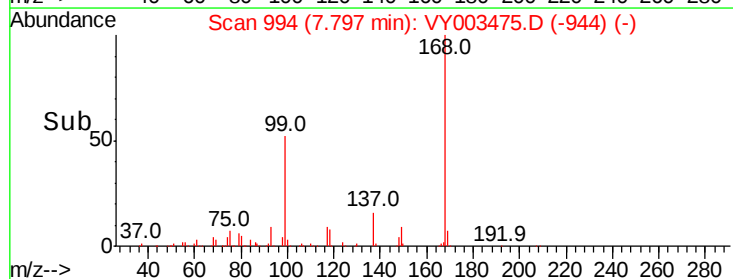
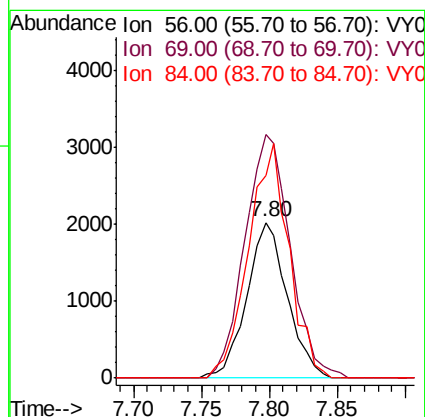
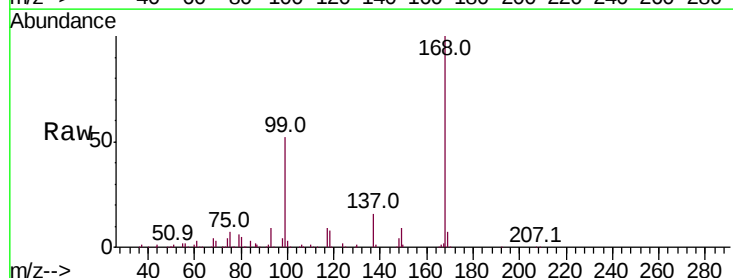
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-063-B

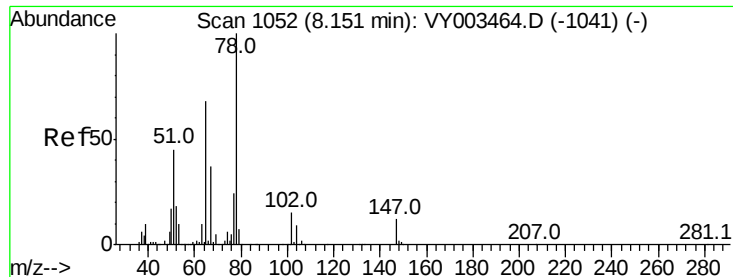
Tot Ion:	84	Resp:	9243
Ion	Ratio	Lower	Upper
84	100		
49	112.9	104.3	156.5
51	32.6	32.5	48.7
86	59.2	52.5	78.7



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003475.D
Acq: 02 Nov 2020 16:12

Tgt Ion:	56	Resp:	4229
Ion	Ratio	Lower	Upper
56	100		
69	156.7	26.6	39.8#
84	130.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 54.235 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003475.D

Acq: 02 Nov 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

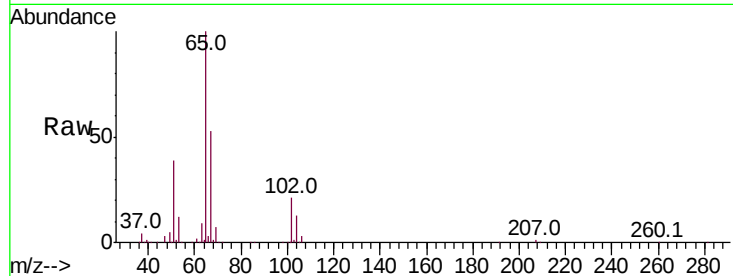
FK-GF-02-063-B

Tot Ion: 65 Resp: 130037

Ion Ratio Lower Upper

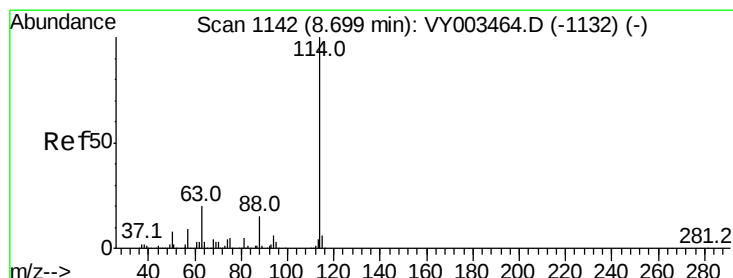
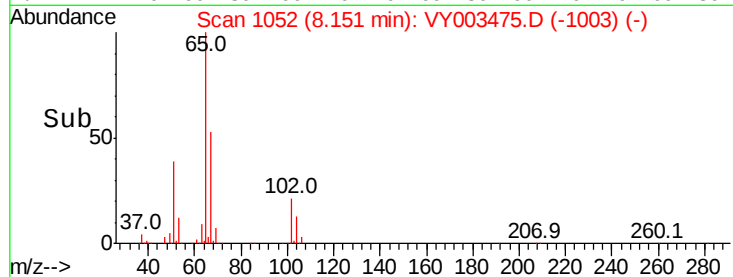
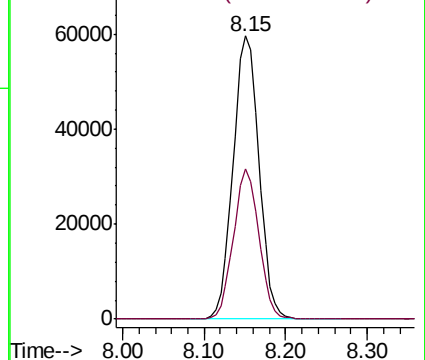
65 100

67 52.2 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: VY003475.D

Acq: 02 Nov 2020 16:12

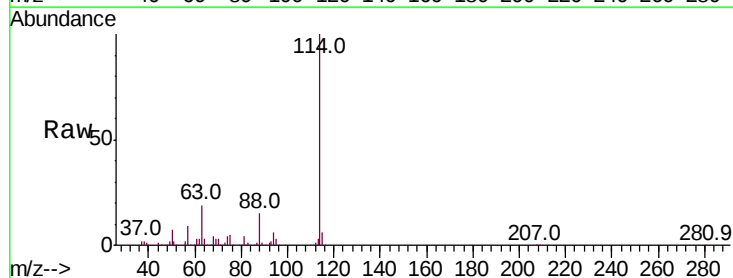
Tgt Ion: 114 Resp: 369459

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

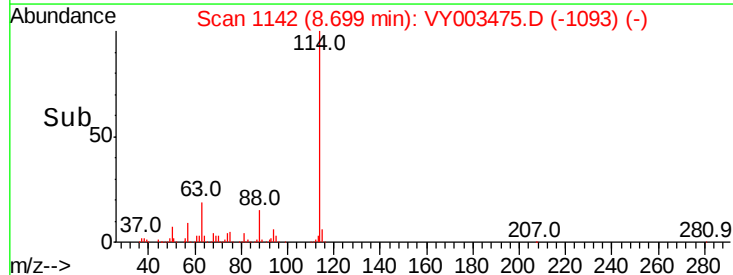
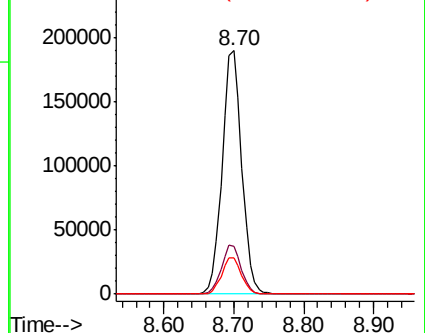
88 15.1 0.0 29.4

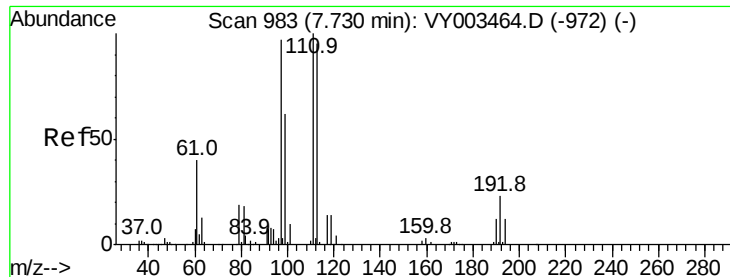


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

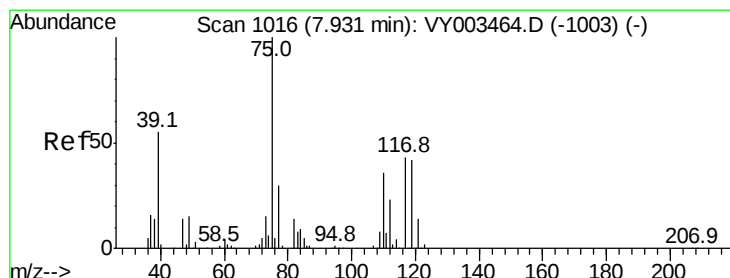
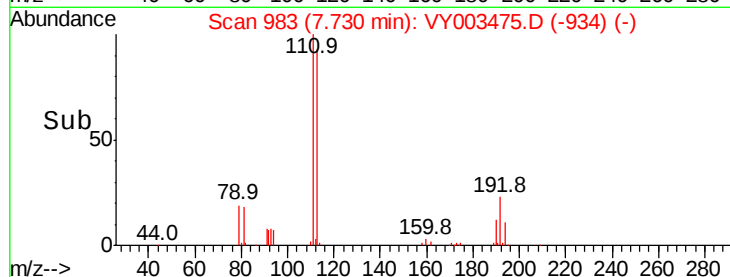
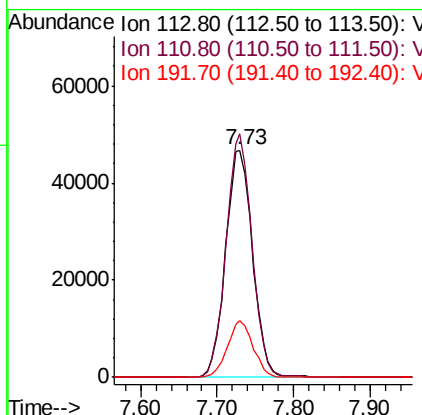
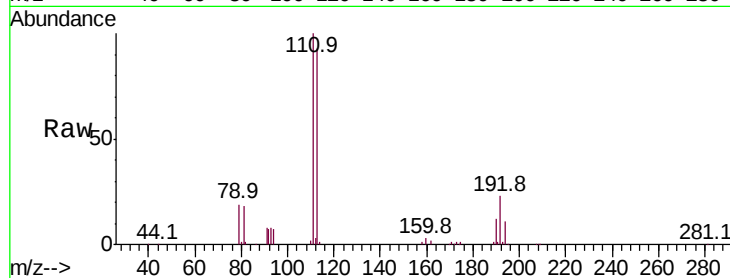




#35
 Dibromofluoromethane
 Concen: 50.620 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003475.D
 Acq: 02 Nov 2020 16:12

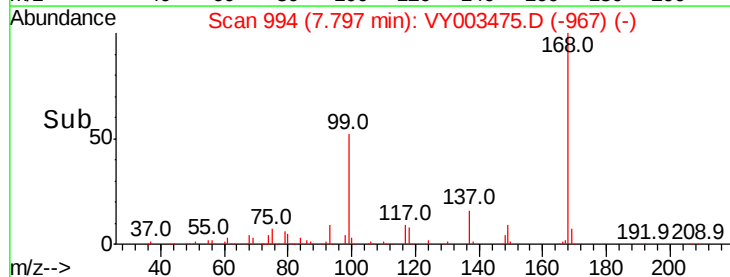
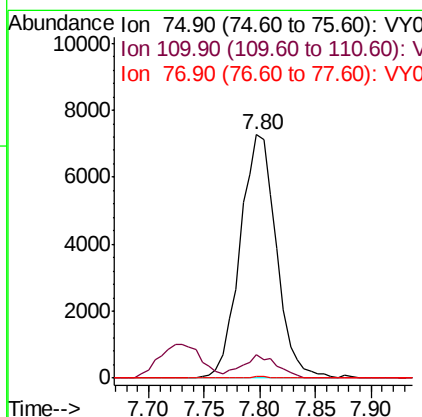
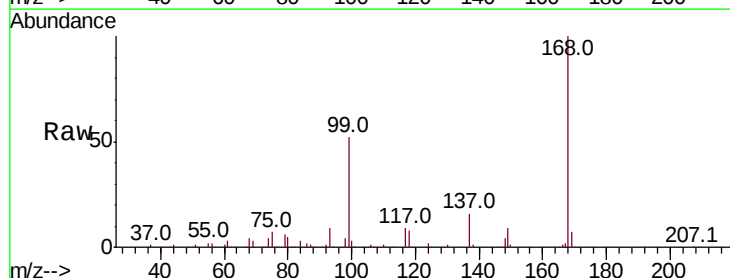
Instrument :
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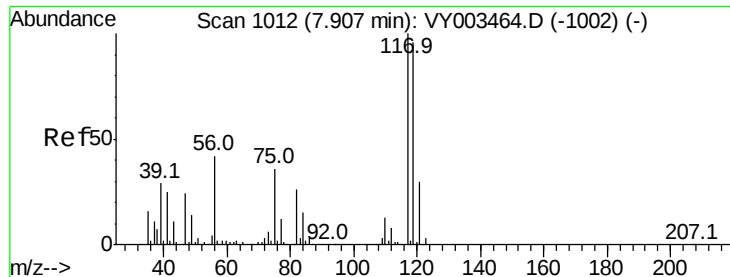
Tot Ion:113 Resp: 113807
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.6
 192 23.8 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.717 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003475.D
 Acq: 02 Nov 2020 16:12

Tgt Ion: 75 Resp: 16431
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.6 52.9#
 77 0.3 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.738 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003475.D

Acq: 02 Nov 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-063-B

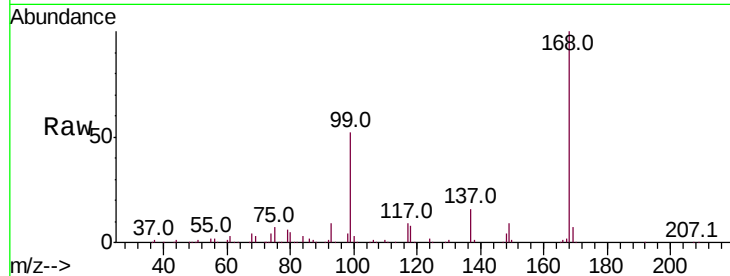
Tot Ion:117 Resp: 20736

Ion Ratio Lower Upper

117 100

119 4.7 76.2 114.4#

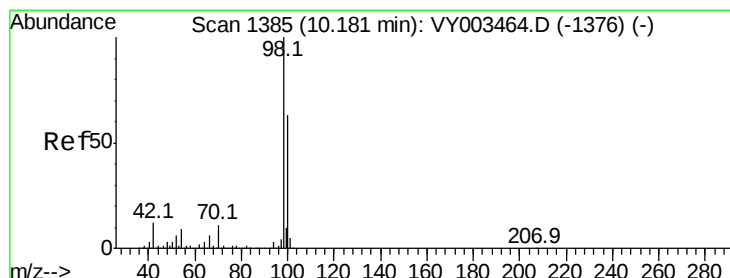
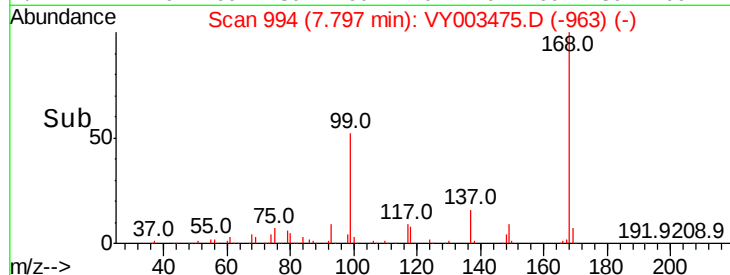
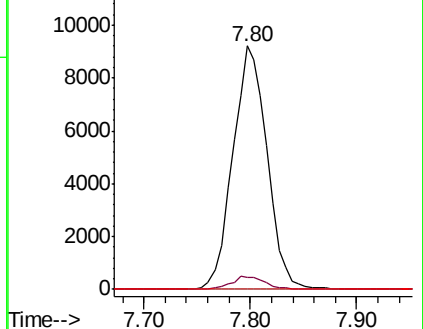
121 0.0 24.2 36.4#



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: 46.611 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003475.D

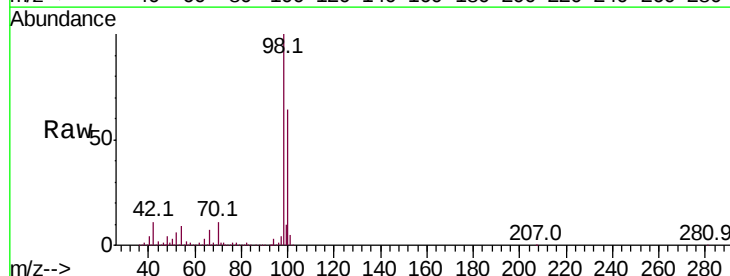
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Tgt Ion: 98 Resp: 435950

Ion Ratio Lower Upper

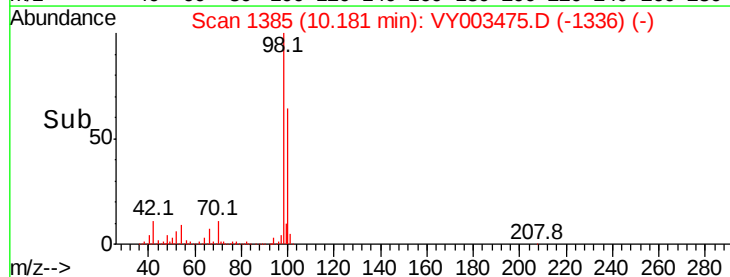
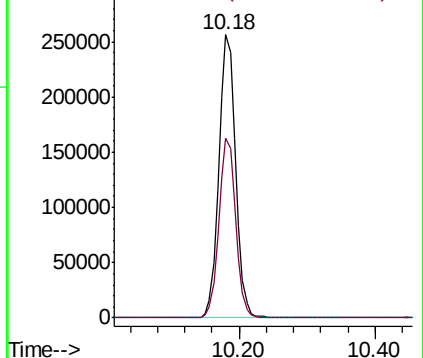
98 100

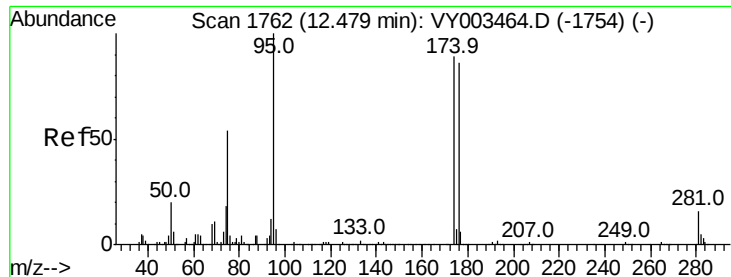
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

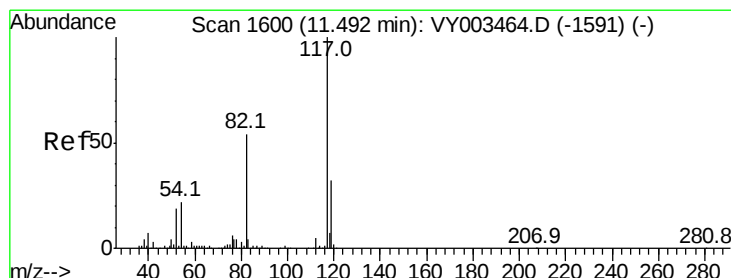
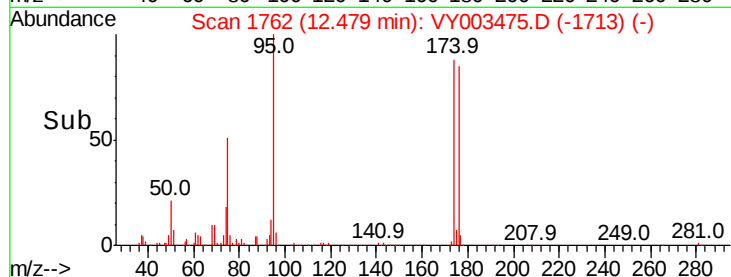
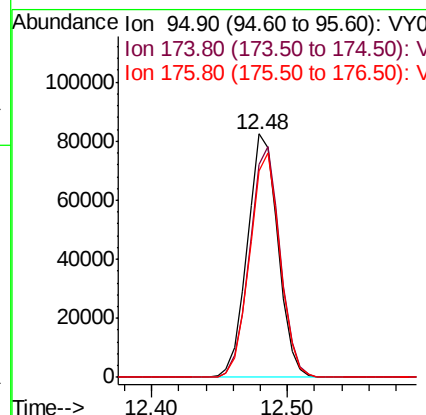
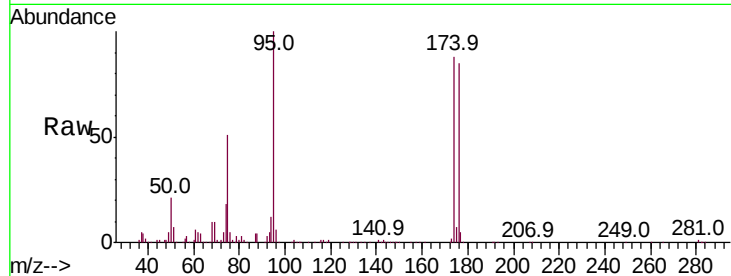




#62
4-Bromofluorobenzene
Concen: 41.735 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003475.D
Acq: 02 Nov 2020 16:12

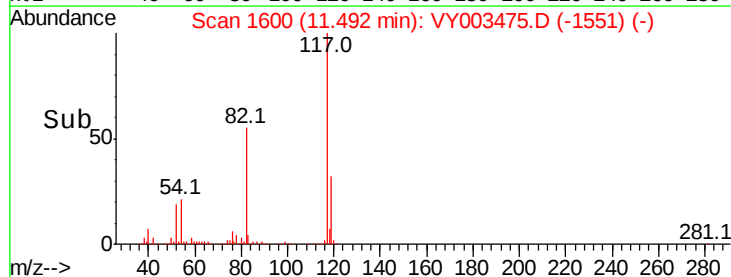
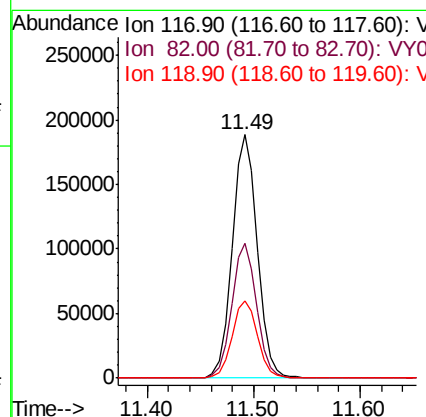
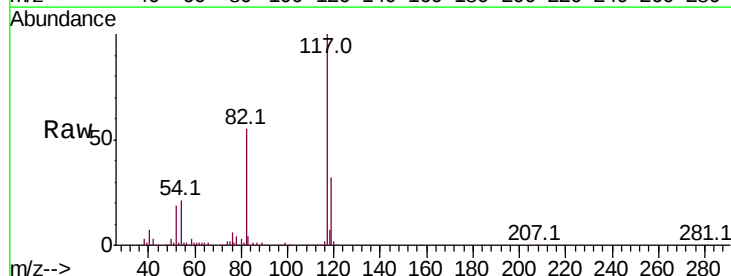
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-063-B

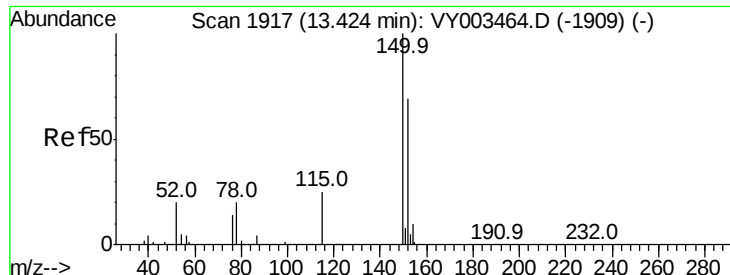
Tot Ion: 95 Resp: 129333
Ion Ratio Lower Upper
95 100
174 94.9 0.0 193.0
176 92.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003475.D
Acq: 02 Nov 2020 16:12

Tgt Ion: 117 Resp: 309614
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.2
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003475.D

Acq: 02 Nov 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-063-B

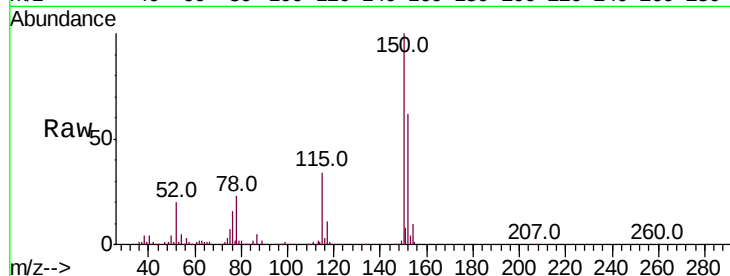
Tot Ion:152 Resp: 135416

Ion Ratio Lower Upper

152 100

115 54.7 27.5 82.4

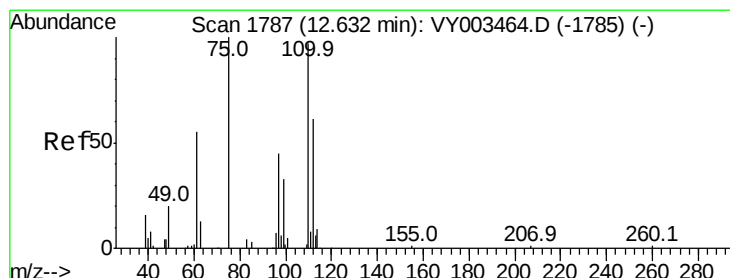
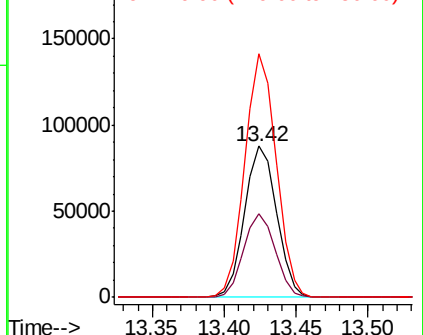
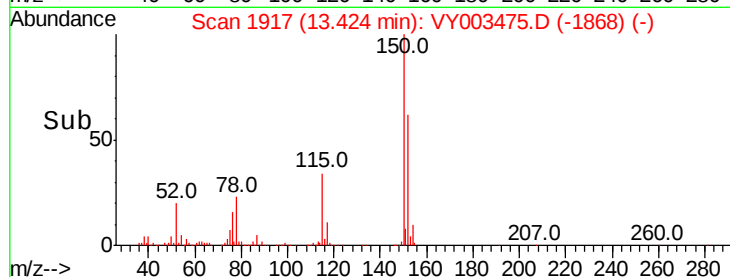
150 157.2 0.0 345.8



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: 47.393 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003475.D

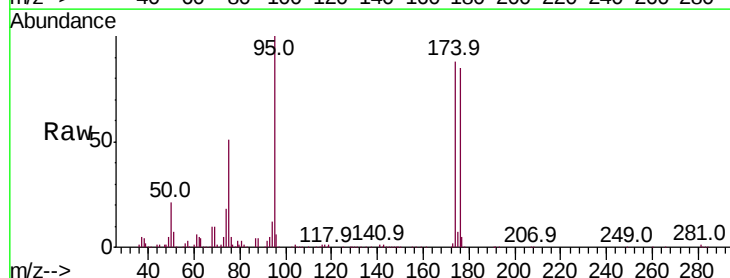
Acq: 02 Nov 2020 16:12

Tgt Ion: 75 Resp: 67905

Ion Ratio Lower Upper

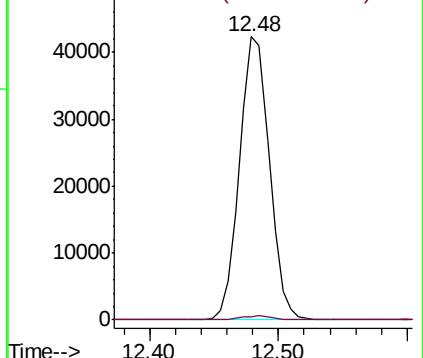
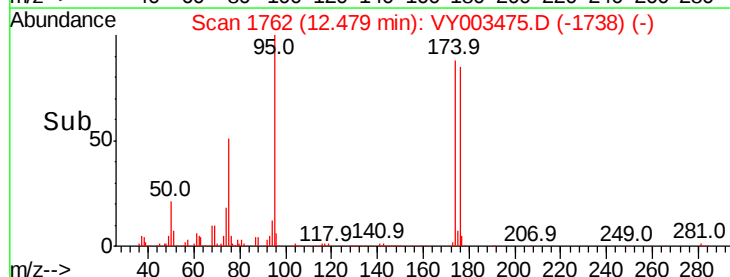
75 100

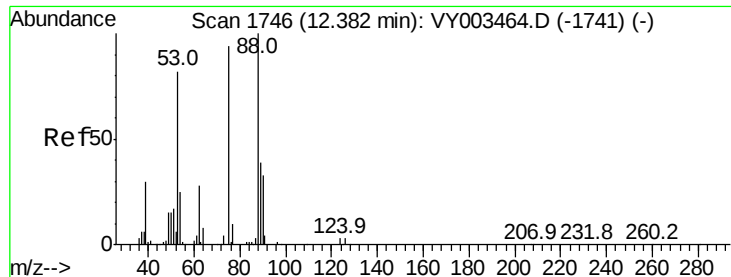
77 1.5 0.0 0.0#



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: 98.918 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003475.D

Acq: 02 Nov 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-063-B

Tot Ion: 75 Resp: 67905

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 35.8 53.8#

