

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
 Data File : VY002667.D
 Acq On : 12 May 2020 14:39
 Operator : SY/MD
 Sample : L2594-02
 Misc : 5.11G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-A

Quant Time: May 13 02:24:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	348417	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	542171	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	474093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	213260	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	148667	50.75	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.50%	
35) Dibromofluoromethane	7.72	113	161711	52.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.30%	
50) Toluene-d8	10.18	98	629535	51.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.48	95	194427	47.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.64%	

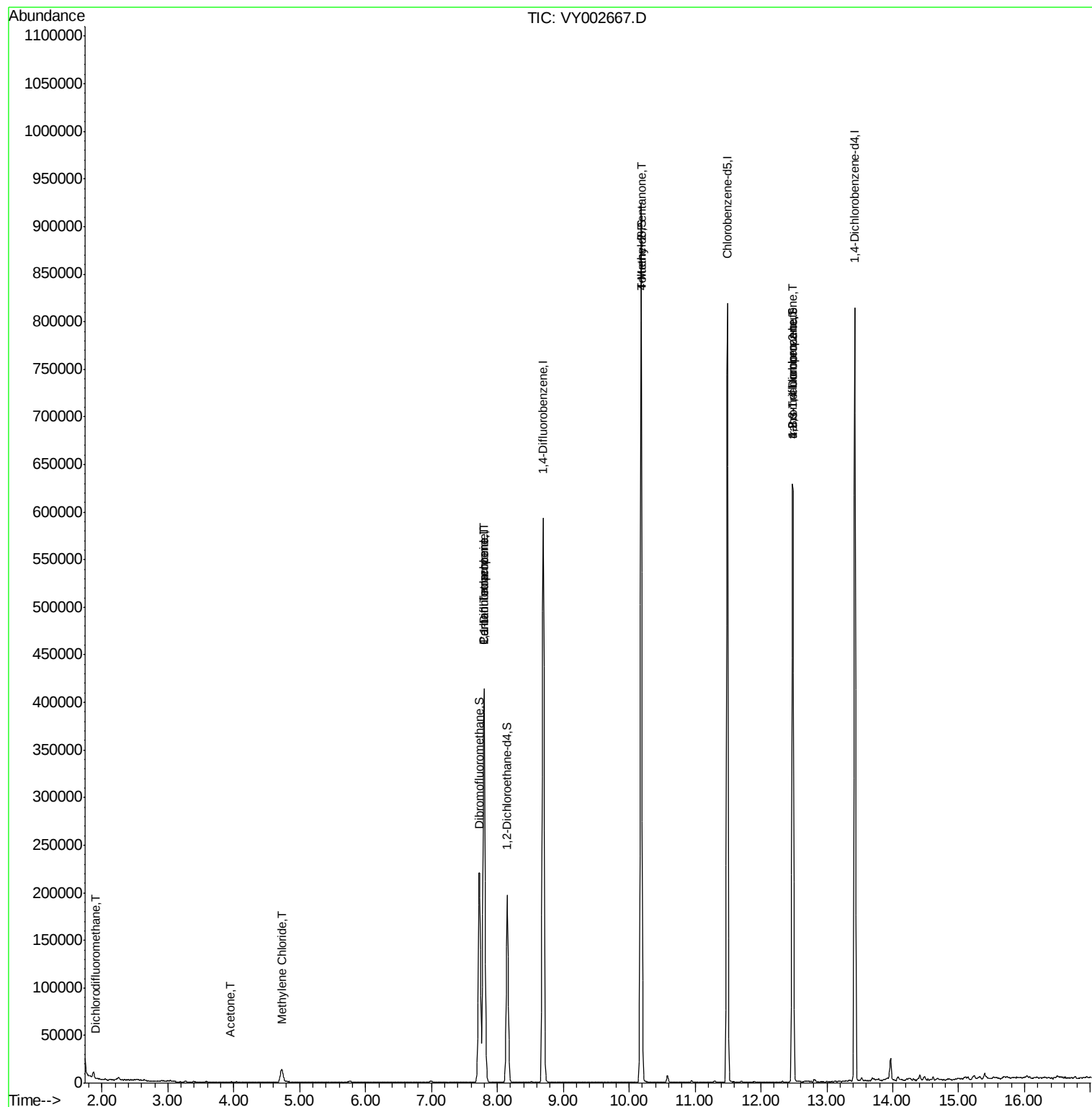
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	127	1.83	ug/l #	43
16) Acetone	3.95	43	888	1.47	ug/l #	88
20) Methylene Chloride	4.72	84	11574	3.42	ug/l	97
36) 1,1-Dichloropropene	7.80	75	21888	4.82	ug/l #	49
38) Carbon Tetrachloride	7.80	117	30868	6.22	ug/l #	16
51) 4-Methyl-2-Pentanone	10.17	43	2262	1.00	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	93530	49.35	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93530	98.96	ug/l #	15

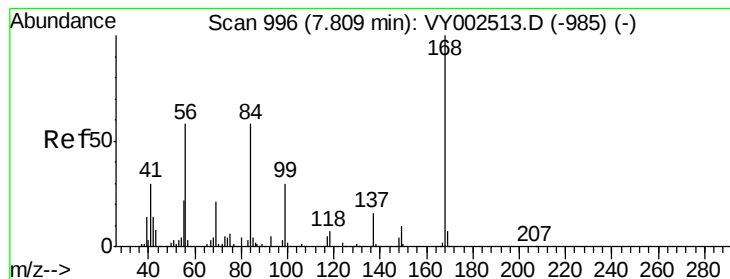
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY051220\
Data File : VY002667.D
Acq On : 12 May 2020 14:39
Operator : SY/MD
Sample : L2594-02
Misc : 5.11G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-056-A

Quant Time: May 13 02:24:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002667.D

Acq: 12 May 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

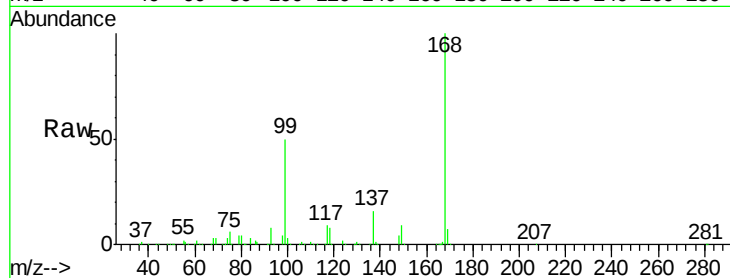
FK-GF-02-056-A

Tgt Ion:168 Resp: 348417

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

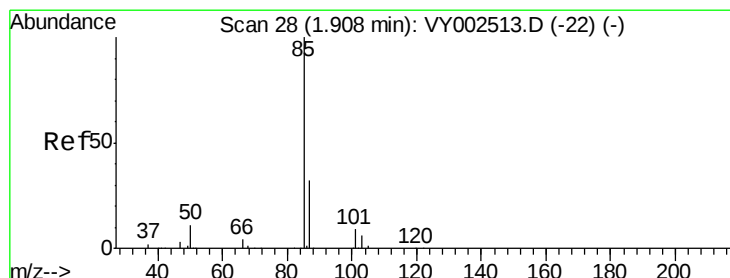
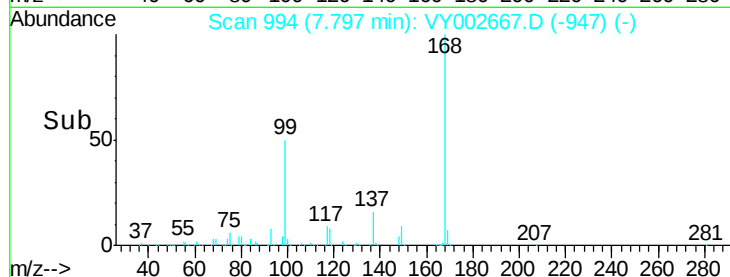
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.83 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002667.D

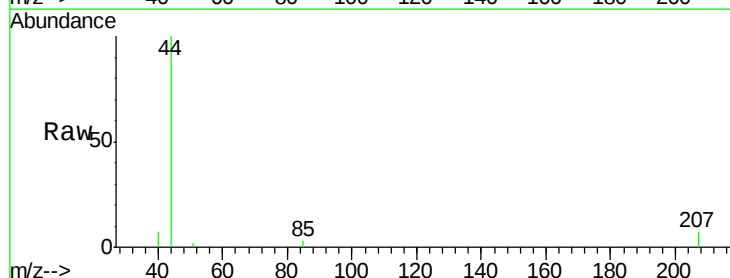
Acq: 12 May 2020 14:39

Tgt Ion: 85 Resp: 127

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

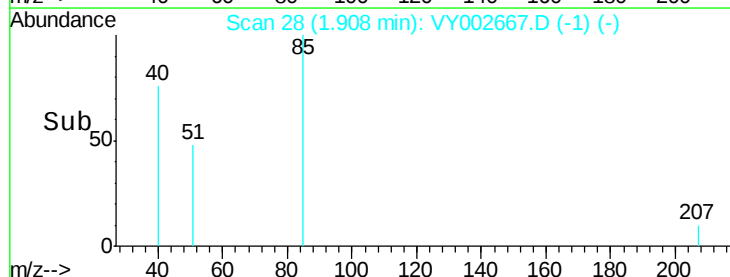
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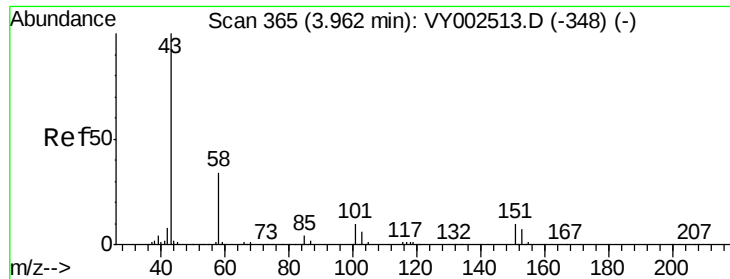
100

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Time-->





#16

Acetone

Concen: 1.47 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY002667.D

Acq: 12 May 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

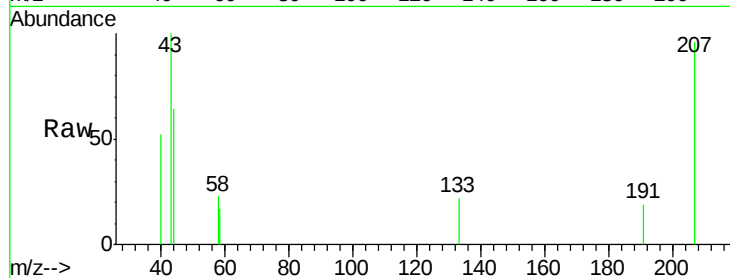
FK-GF-02-056-A

Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

58 40.5 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002513.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VY002513.D (-348) (-)

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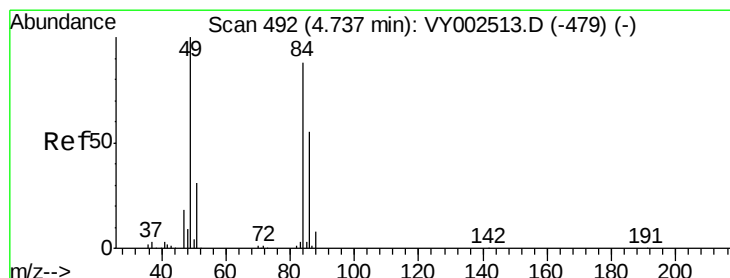
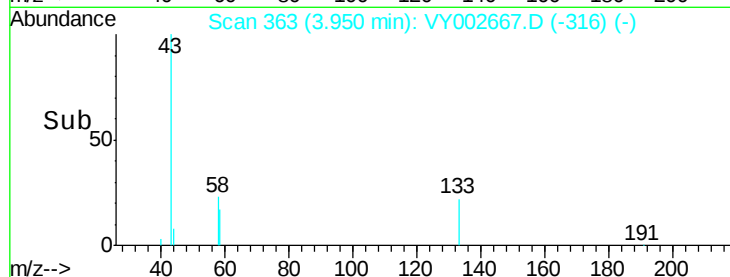
3.95

3.95

3.95

3.95

3.95



#20

Methylene Chloride

Concen: 3.42 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: VY002667.D

Acq: 12 May 2020 14:39

Tgt Ion: 84 Resp: 11574

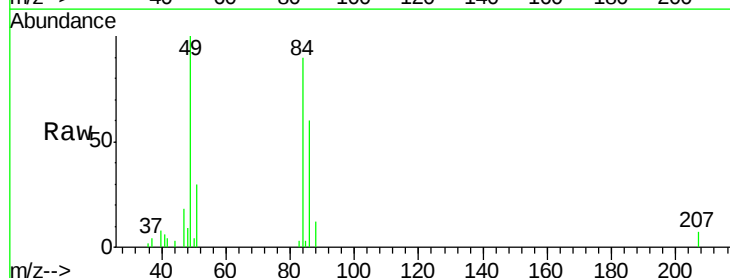
Ion Ratio Lower Upper

84 100

49 111.6 90.5 135.7

51 34.0 28.3 42.5

86 67.4 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY002513.D (-479) (-)

Ion 48.90 (48.60 to 49.60): VY002513.D (-479) (-)

Ion 50.90 (50.60 to 51.60): VY002513.D (-479) (-)

Ion 85.90 (85.60 to 86.60): VY002513.D (-479) (-)

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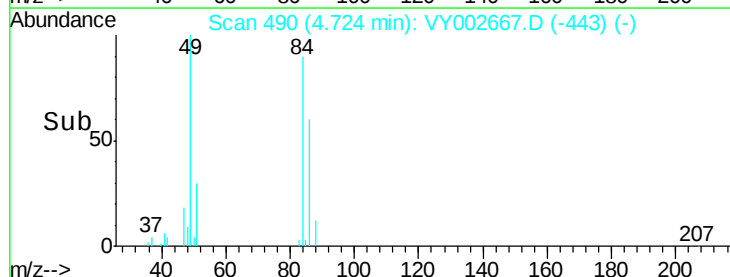
4.72

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4.72



Abundance Ion 83.90 (83.60 to 84.60): VY002667.D (-443) (-)

Ion 48.90 (48.60 to 49.60): VY002667.D (-443) (-)

Ion 50.90 (50.60 to 51.60): VY002667.D (-443) (-)

Ion 85.90 (85.60 to 86.60): VY002667.D (-443) (-)

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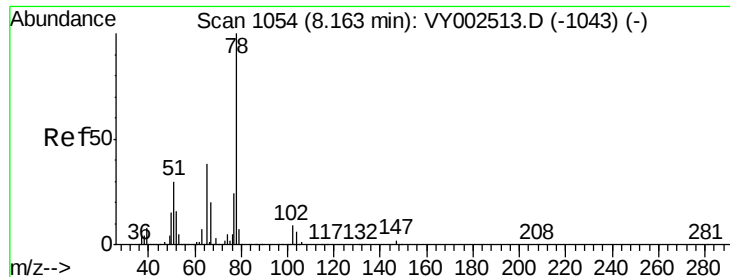
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4.72

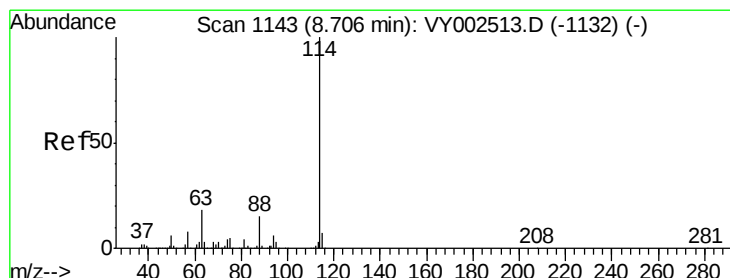
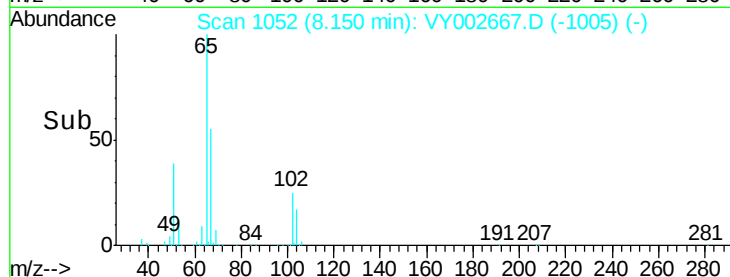
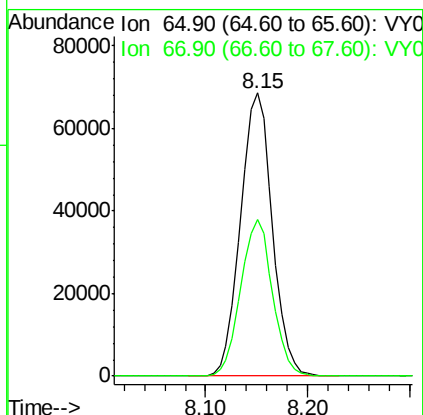
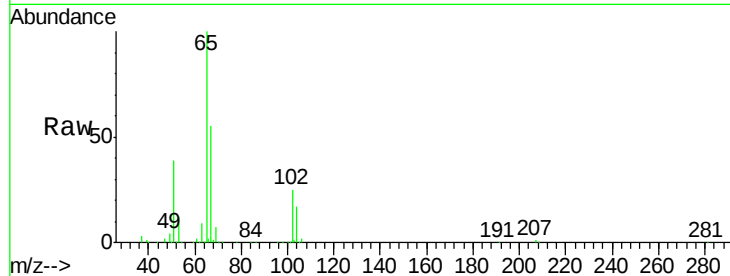
4.72



#33
 1,2-Dichloroethane-d4
 Concen: 50.75 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002667.D
 Acq: 12 May 2020 14:39

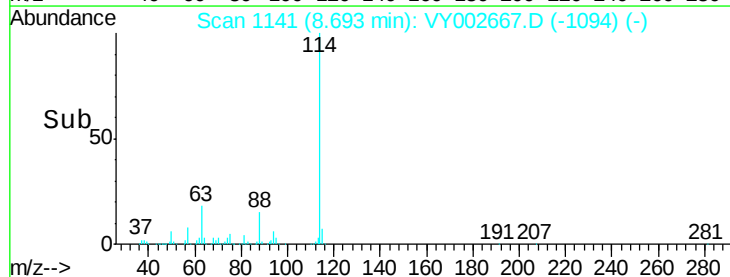
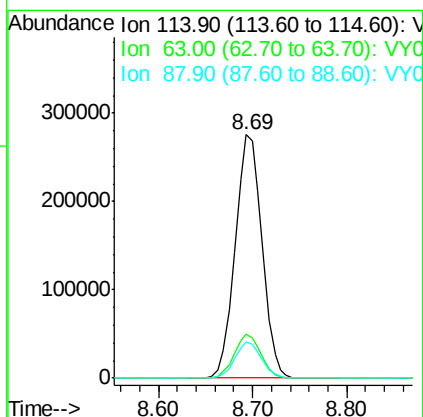
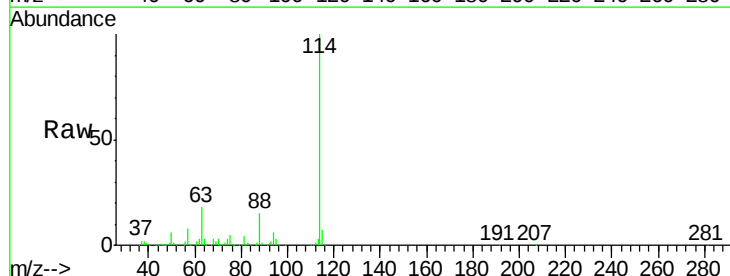
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-A

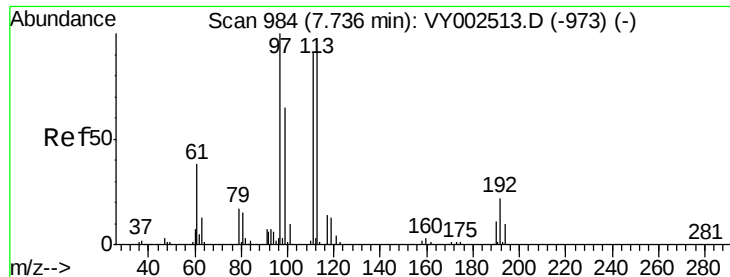
Tgt Ion: 65 Resp: 148667
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002667.D
 Acq: 12 May 2020 14:39

Tgt Ion: 114 Resp: 542171
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.4
 88 14.6 0.0 29.6

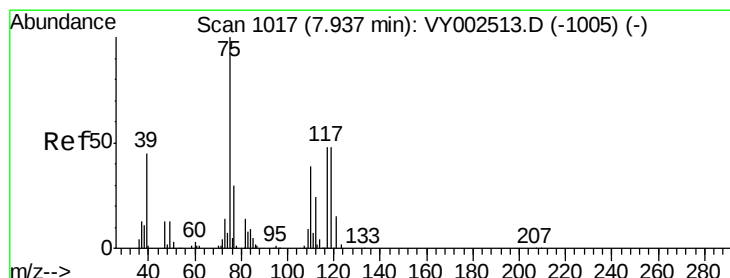
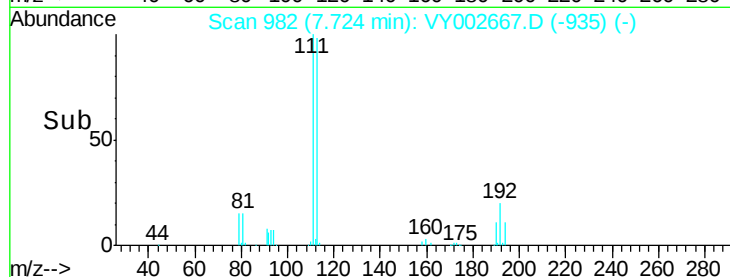
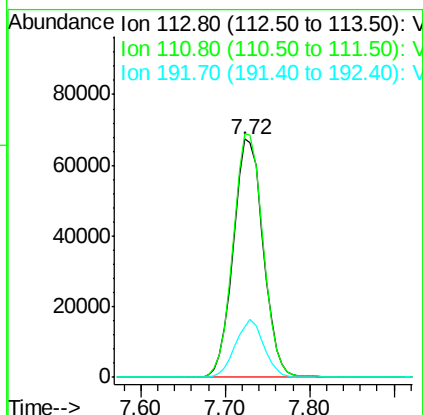
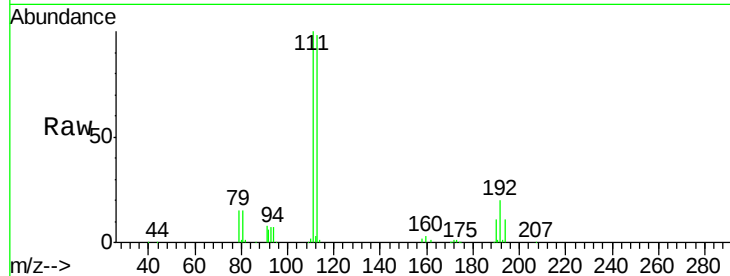




#35
Dibromofluoromethane
Concen: 52.15 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002667.D
Acq: 12 May 2020 14:39

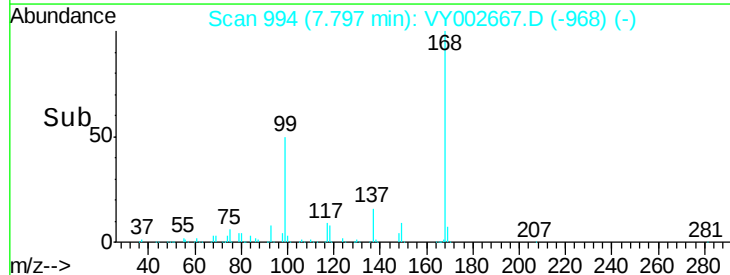
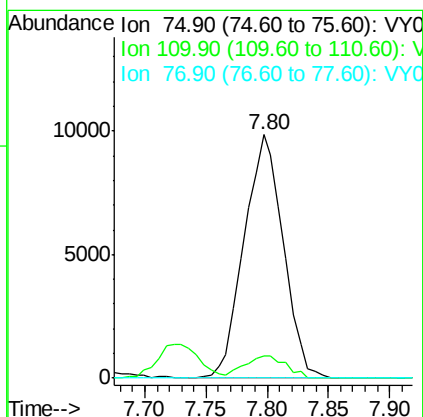
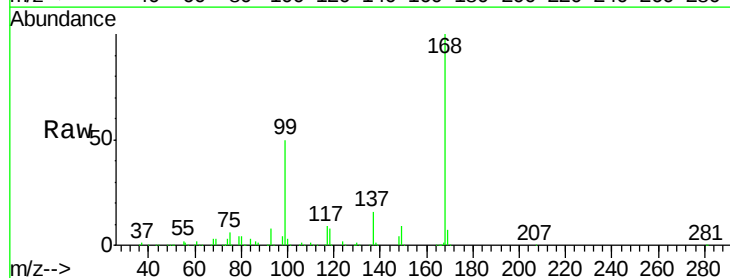
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-056-A

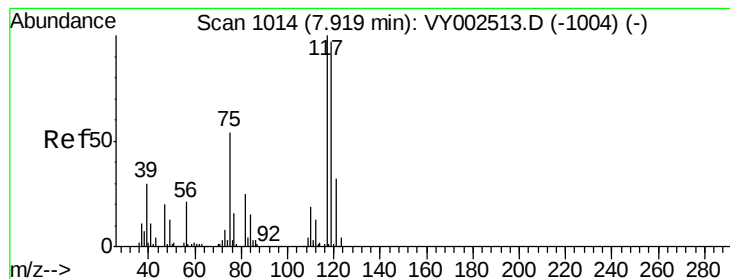
Tgt Ion: 113 Resp: 161711
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 22.8 18.2 27.4



#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.14 min
Lab File: VY002667.D
Acq: 12 May 2020 14:39

Tgt Ion: 75 Resp: 21888
Ion Ratio Lower Upper
75 100
110 9.6 19.1 57.3#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.22 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY002667.D

Acq: 12 May 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-056-A

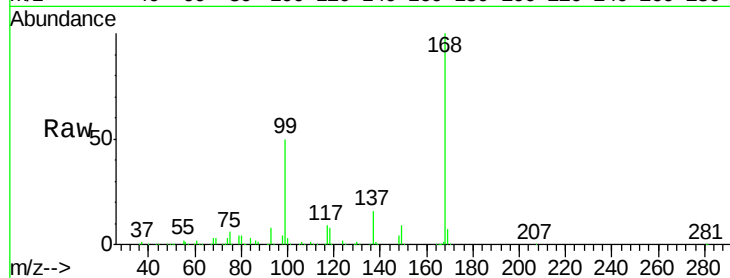
Tgt Ion:117 Resp: 30868

Ion Ratio Lower Upper

117 100

119 5.2 77.1 115.7#

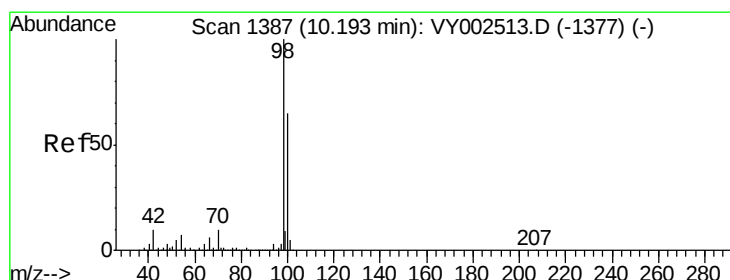
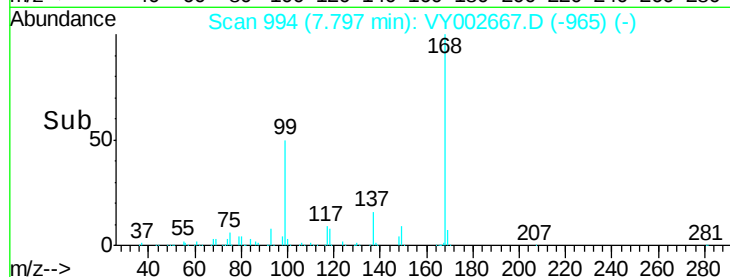
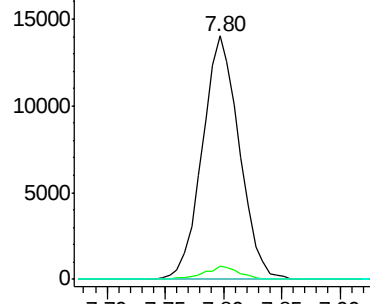
121 0.0 25.2 37.8#



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: 51.99 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002667.D

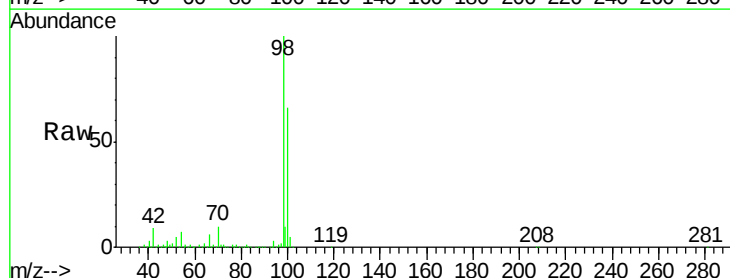
Acq: 12 May 2020 14:39

Tgt Ion: 98 Resp: 629535

Ion Ratio Lower Upper

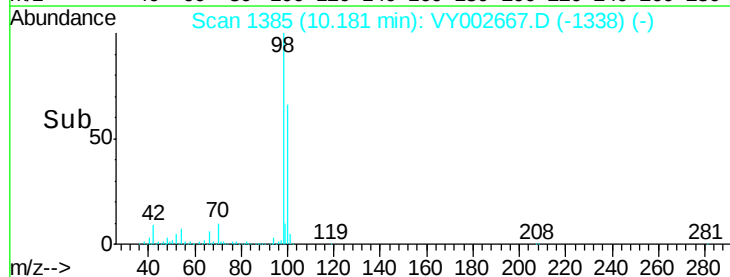
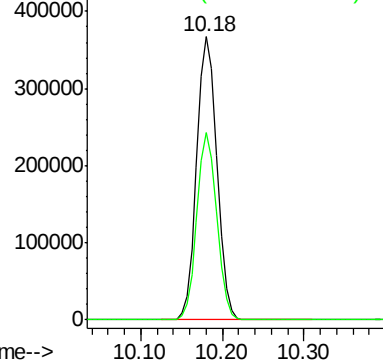
98 100

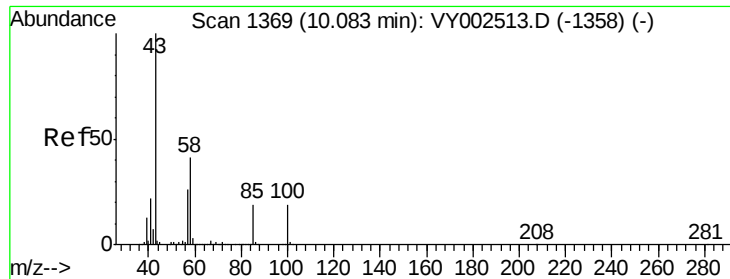
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

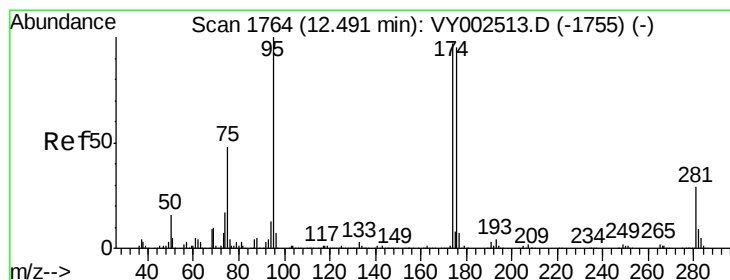
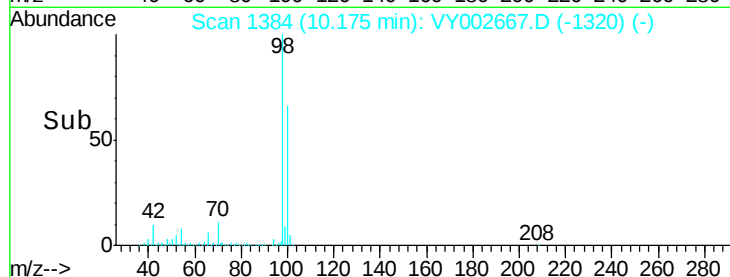
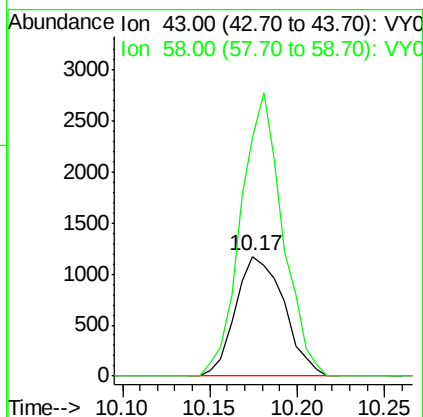
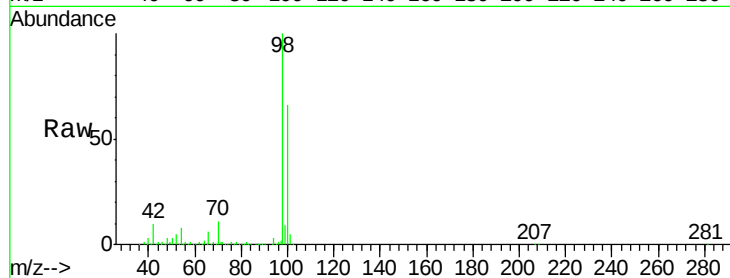




#51
 4-Methyl-2-Pentanone
 Concen: 1.00 ug/l
 RT: 10.17 min Scan# 1384
 Delta R.T. 0.09 min
 Lab File: VY002667.D
 Acq: 12 May 2020 14:39

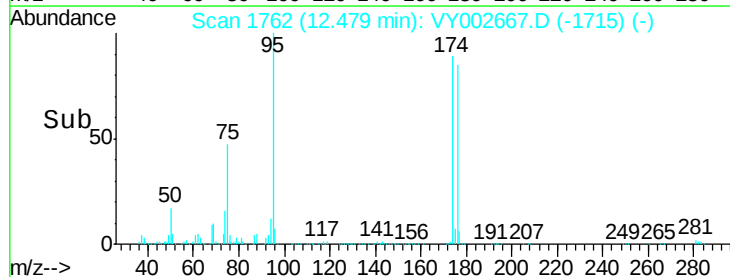
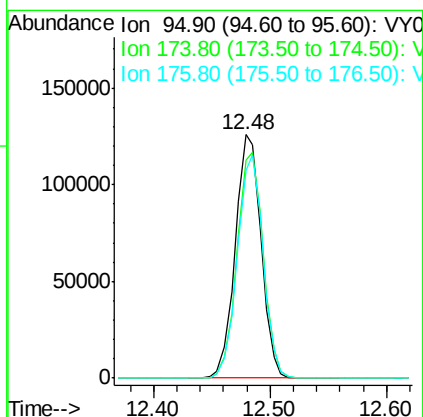
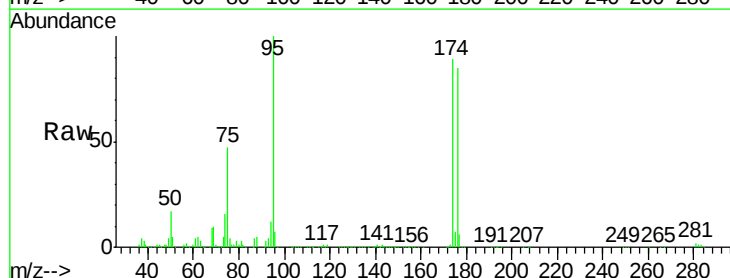
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-A

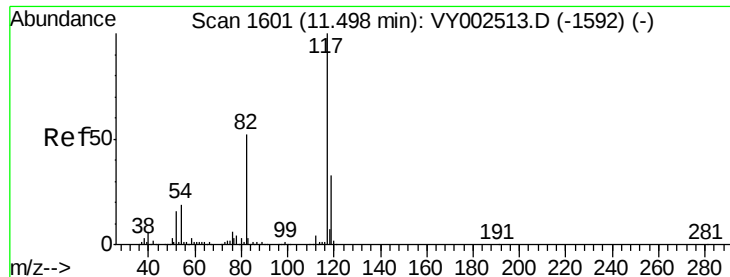
Tgt Ion: 43 Resp: 2262
 Ion Ratio Lower Upper
 43 100
 58 203.9 33.2 49.8#



#62
 4-Bromofluorobenzene
 Concen: 47.32 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY002667.D
 Acq: 12 May 2020 14:39

Tgt Ion: 95 Resp: 194427
 Ion Ratio Lower Upper
 95 100
 174 93.9 0.0 188.8
 176 91.0 0.0 183.2

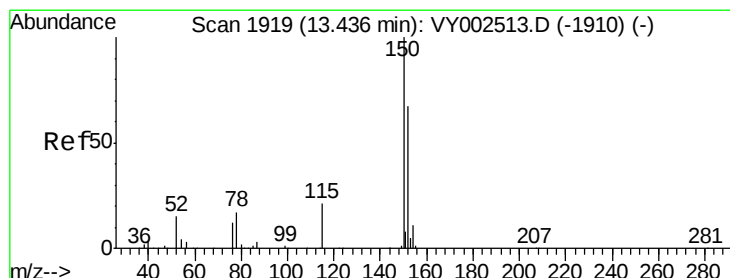
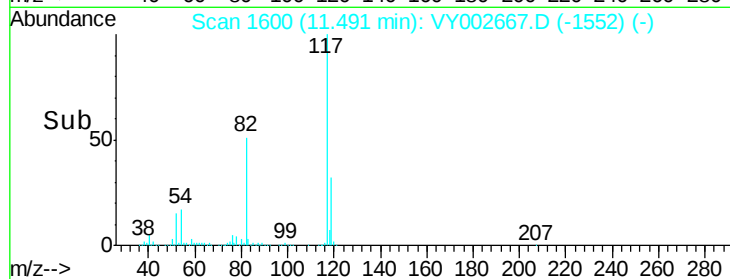
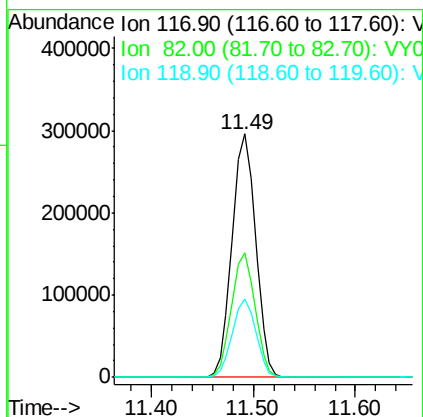
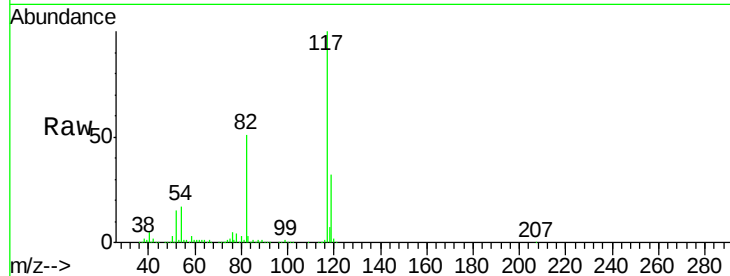




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002667.D
Acq: 12 May 2020 14:39

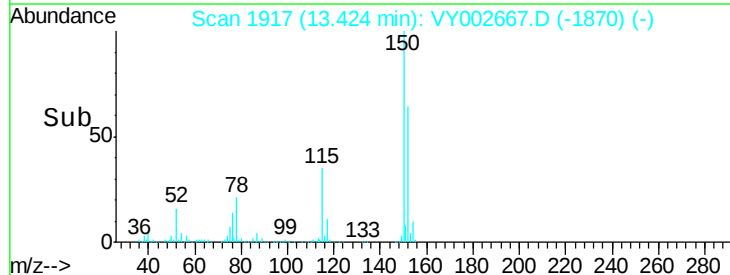
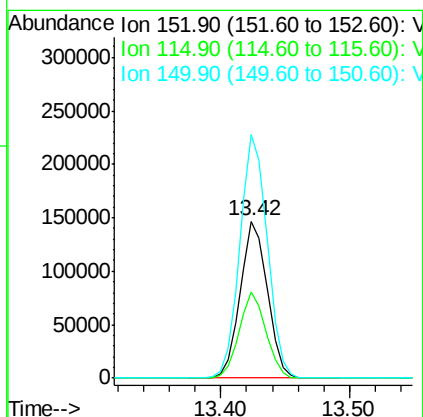
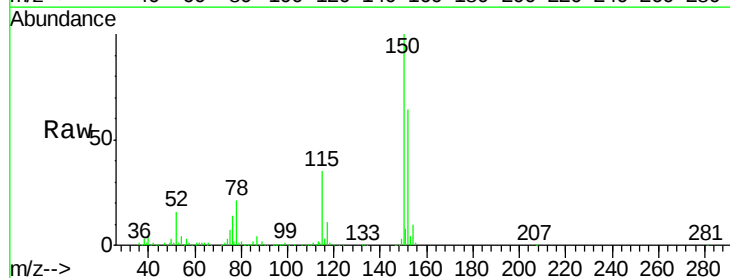
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-056-A

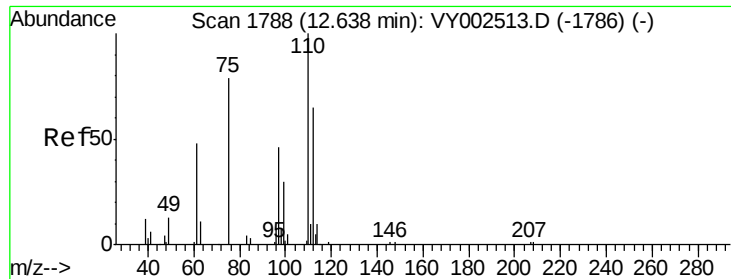
Tgt Ion:117 Resp: 474093
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002667.D
Acq: 12 May 2020 14:39

Tgt Ion:152 Resp: 213260
Ion Ratio Lower Upper
152 100
115 54.2 27.5 82.4
150 156.7 0.0 346.4

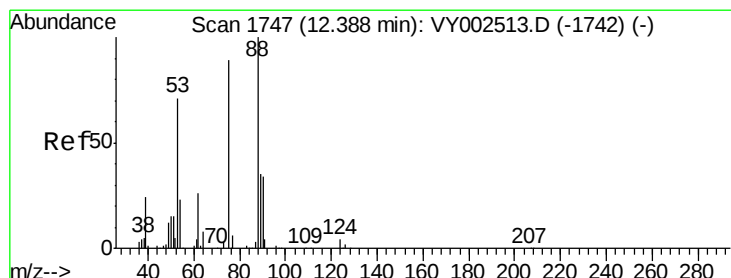
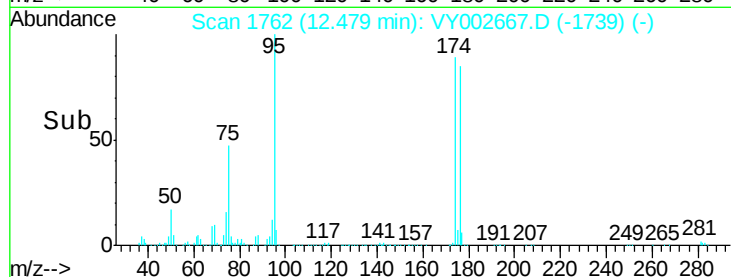
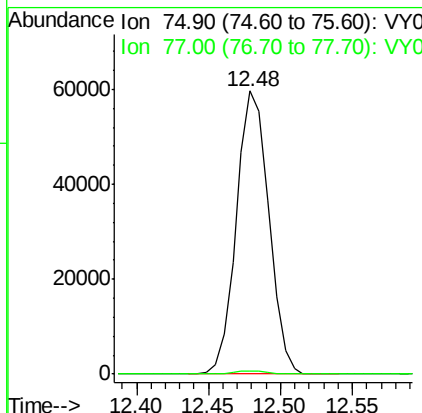
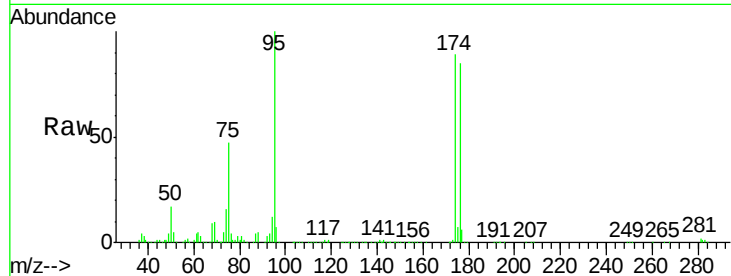




#76
 1,2,3-Trichloropropane
 Concen: 49.35 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY002667.D
 Acq: 12 May 2020 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-A

Tgt Ion: 75 Resp: 93530
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.96 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.09 min
 Lab File: VY002667.D
 Acq: 12 May 2020 14:39

Tgt Ion: 75 Resp: 93530
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.1 37.4 56.0#

