

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002072.D
 Acq On : 25 Mar 2020 17:14
 Operator : SY/MD
 Sample : L2035-02
 Misc : 3.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-054-A

Quant Time: Mar 26 08:01:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

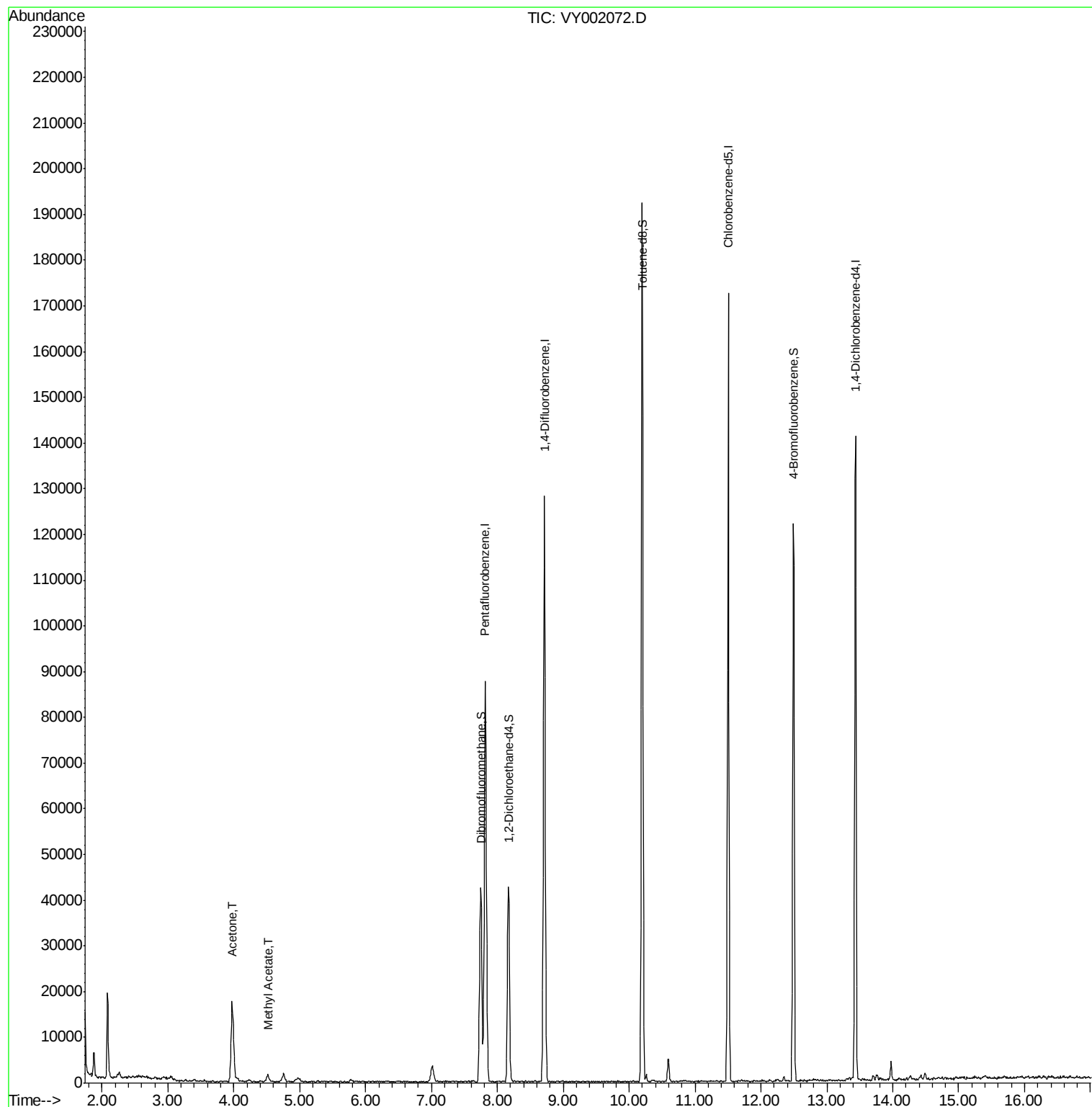
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	64117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	107926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	88325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	33563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	32808	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.75	113	30242	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.20	98	128365	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.49	95	37878	43.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.68%	
Target Compounds						
16) Acetone	3.97	43	30966	155.323	ug/l	96
18) Methyl Acetate	4.52	43	2790	5.447	ug/l #	84

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002072.D

Acq: 25 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

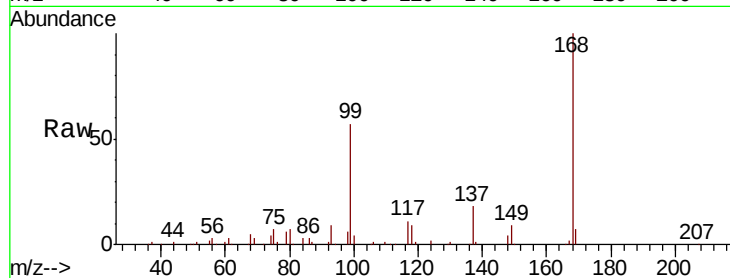
FK-GF-02-054-A

Tot Ion:168 Resp: 64117

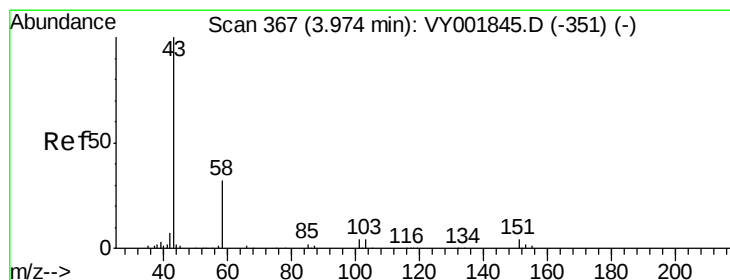
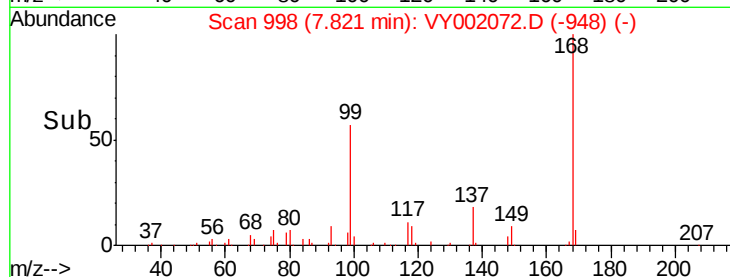
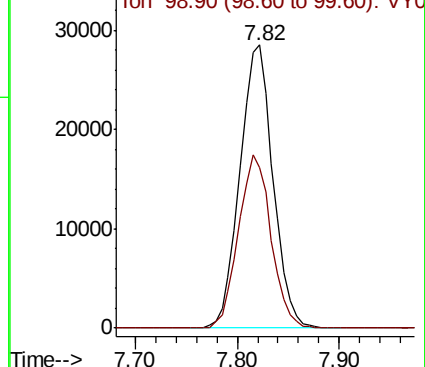
Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 155.323 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002072.D

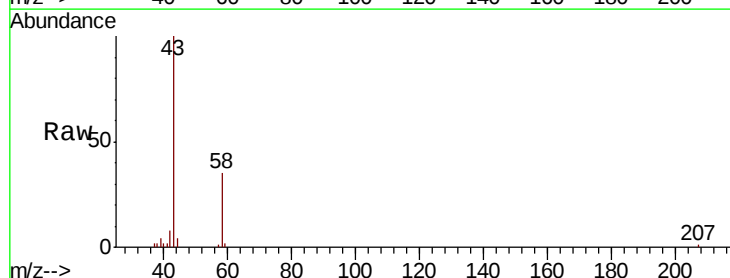
Acq: 25 Mar 2020 17:14

Tgt Ion: 43 Resp: 30966

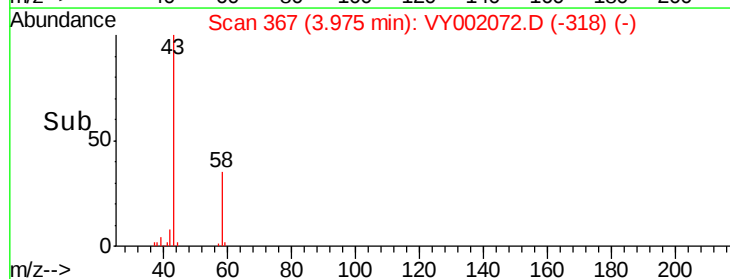
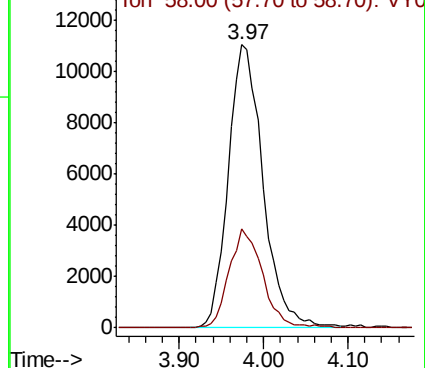
Ion Ratio Lower Upper

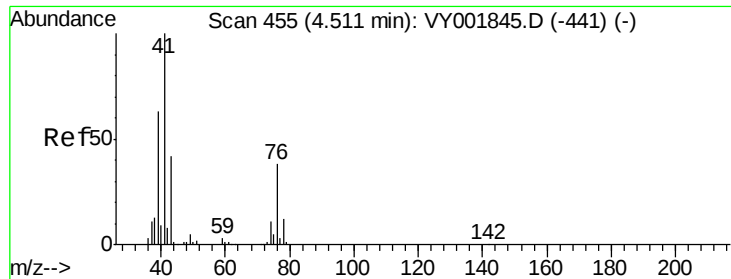
43 100

58 34.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

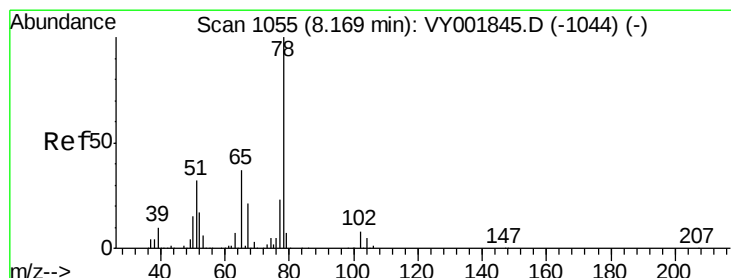
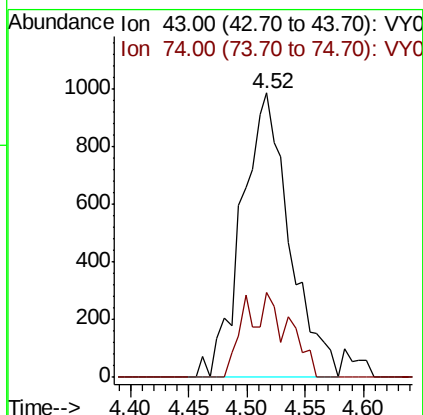
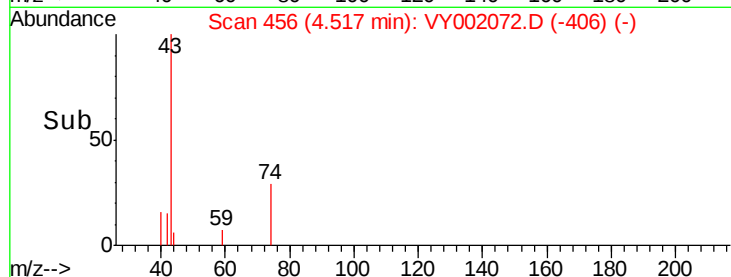
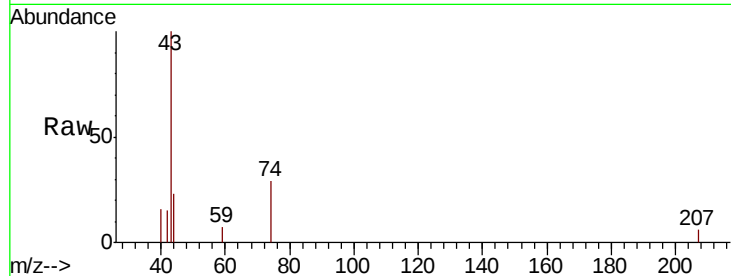




#18
Methvl Acetate
Concen: 5.447 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY002072.D
Acq: 25 Mar 2020 17:14

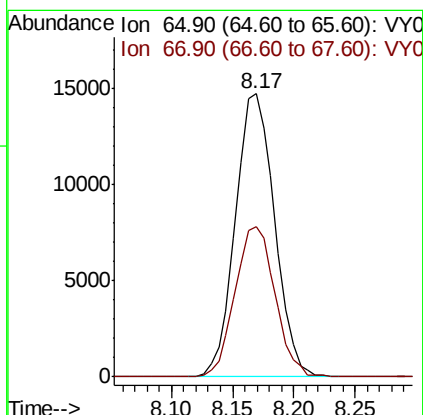
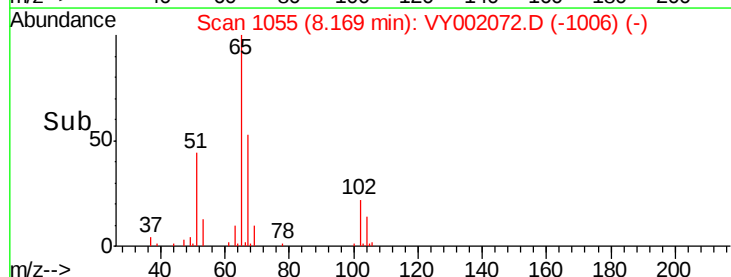
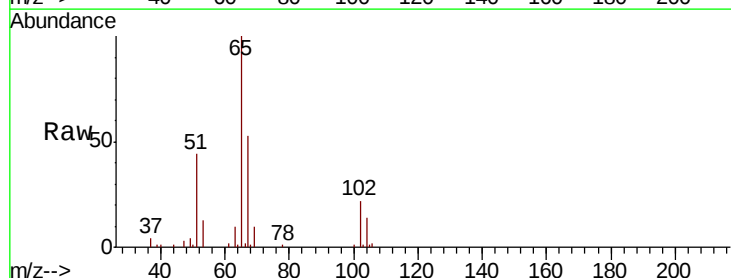
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-054-A

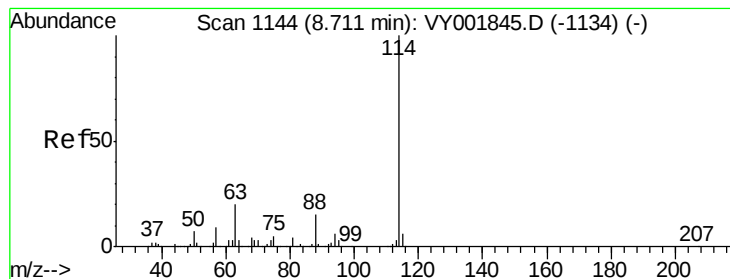
Tot Ion: 43 Resp: 2790
Ion Ratio Lower Upper
43 100
74 15.7 19.0 28.6#



#33
1,2-Dichloroethane-d4
Concen: 47.930 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY002072.D
Acq: 25 Mar 2020 17:14

Tgt Ion: 65 Resp: 32808
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002072.D

Acq: 25 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-054-A

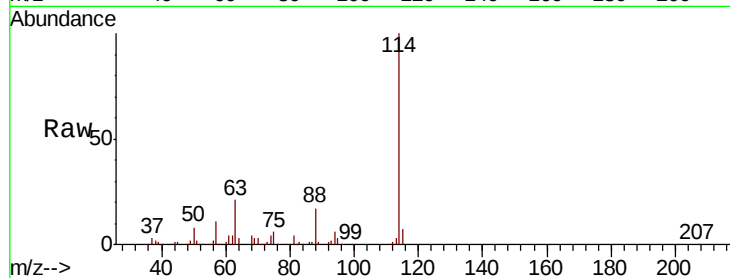
Tot Ion:114 Resp: 107926

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.4

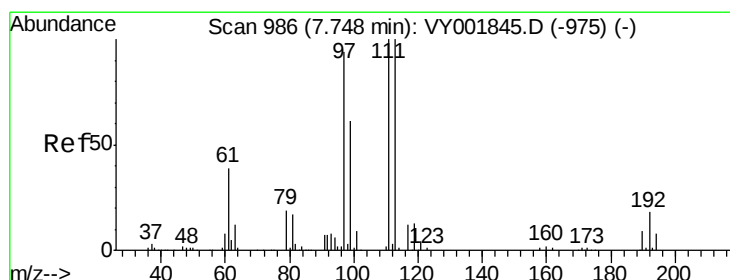
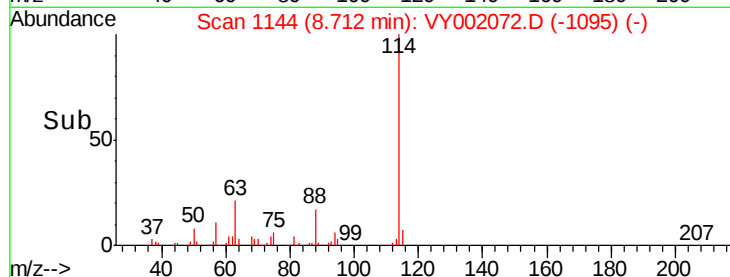
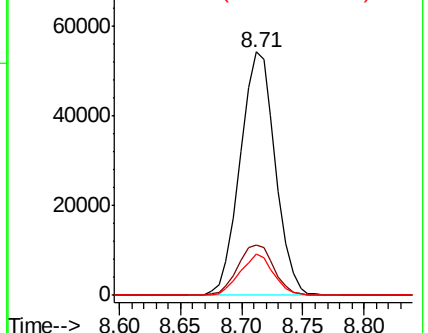
88 17.0 0.0 30.4



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: 51.316 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002072.D

Acq: 25 Mar 2020 17:14

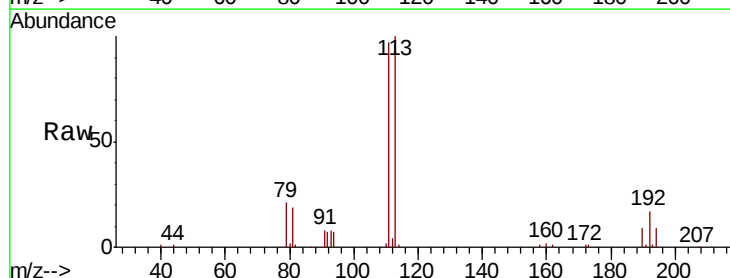
Tgt Ion:113 Resp: 30242

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

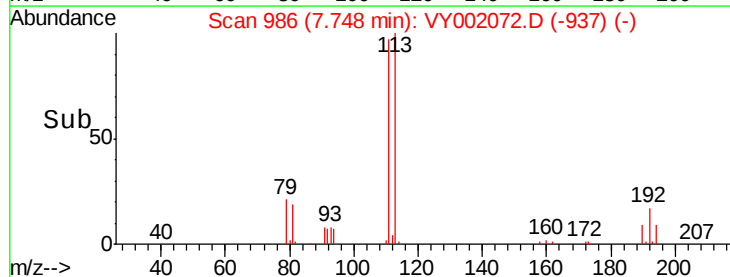
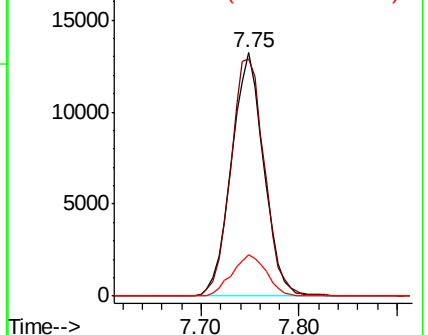
192 18.0 14.2 21.2

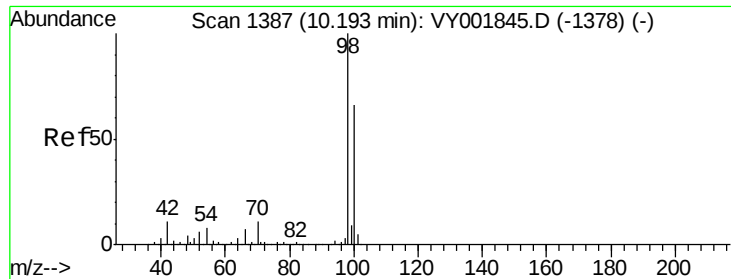


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.654 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002072.D

Acq: 25 Mar 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

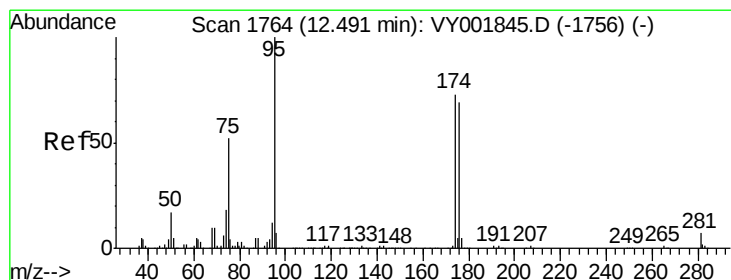
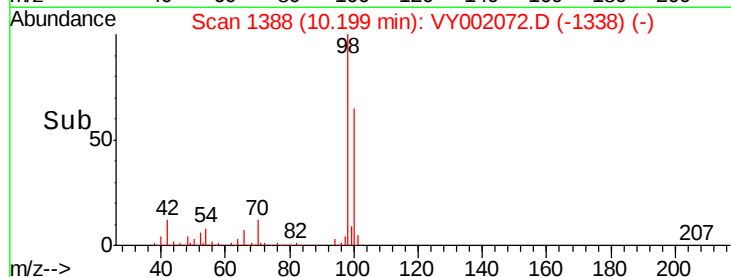
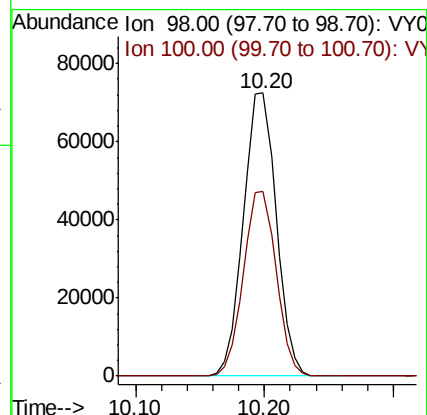
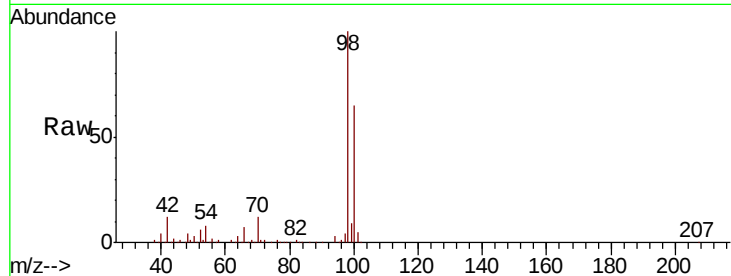
FK-GF-02-054-A

Tot Ion: 98 Resp: 128365

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 43.836 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002072.D

Acq: 25 Mar 2020 17:14

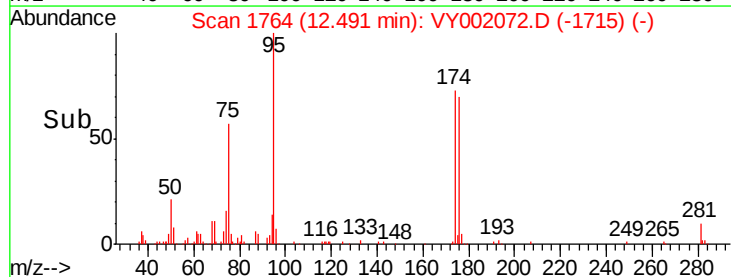
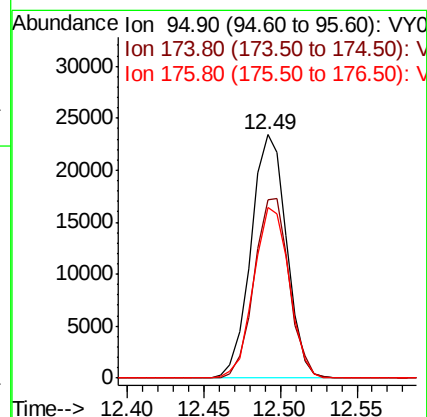
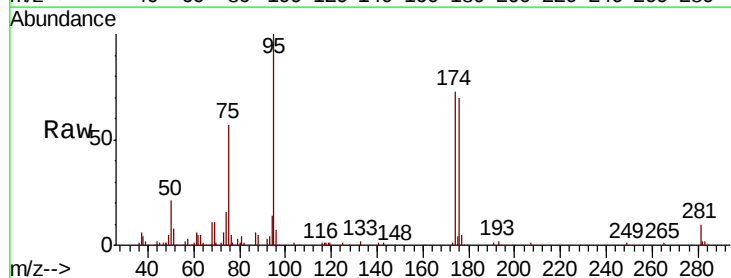
Tgt Ion: 95 Resp: 37878

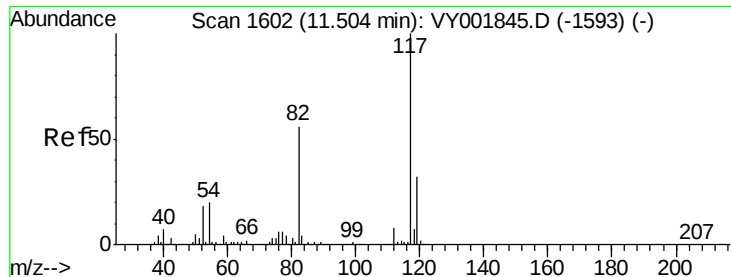
Ion Ratio Lower Upper

95 100

174 72.4 0.0 145.0

176 70.2 0.0 137.4

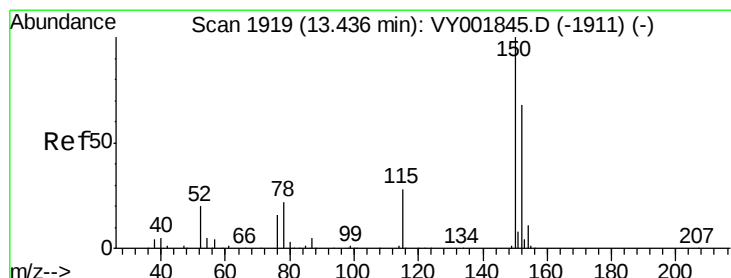
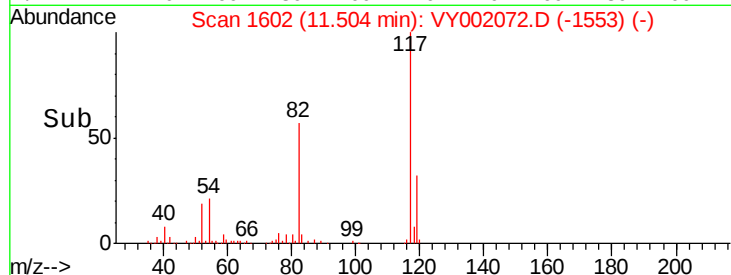
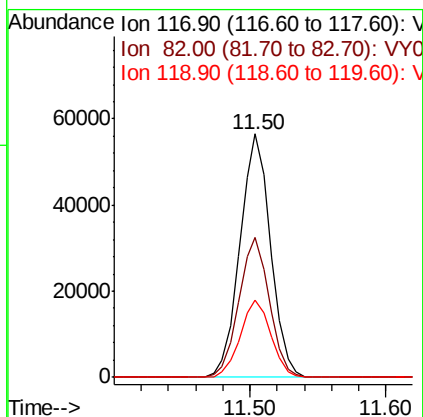
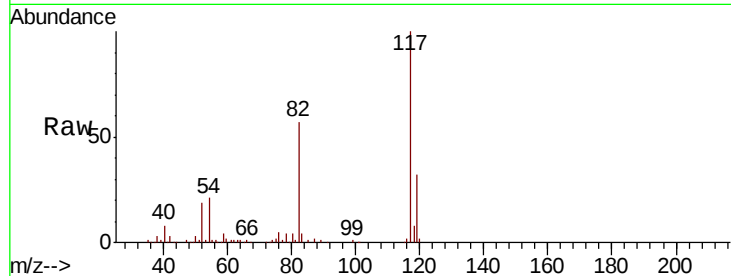




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002072.D
Acq: 25 Mar 2020 17:14

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-054-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.5	66.7
119	31.7	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002072.D
Acq: 25 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	29.9	89.7
150	160.7	0.0	340.6

