

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002566.D
 Acq On : 05 May 2020 01:58
 Operator : SY/MD
 Sample : L2478-02
 Misc : 6.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-013

Quant Time: May 05 09:12:09 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

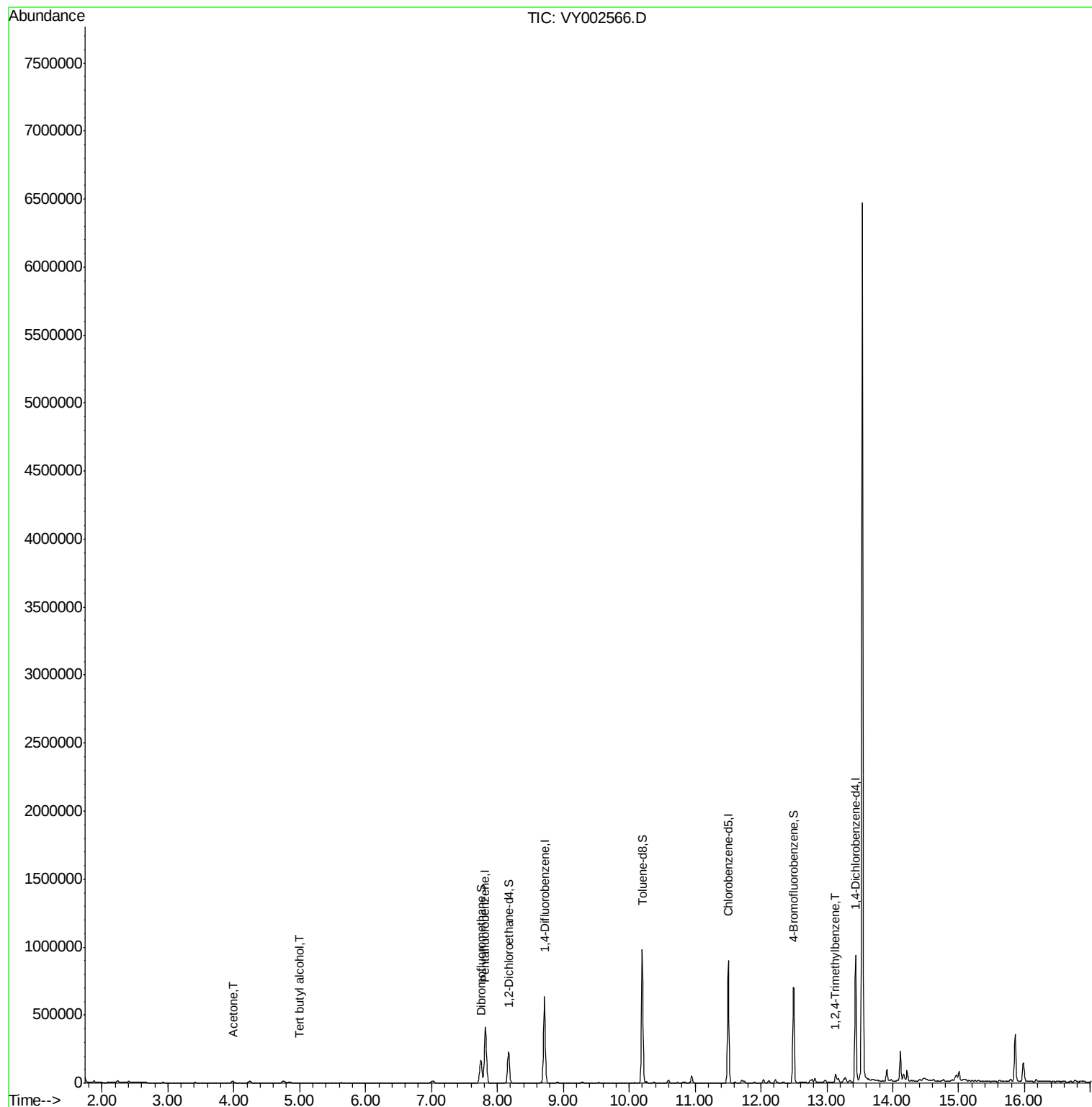
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	348365	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	569573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	511884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	252709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	172655	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
35) Dibromofluoromethane	7.75	113	122782	37.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	75.38%	
50) Toluene-d8	10.20	98	666552	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.49	95	222215	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
Target Compounds						
11) Tert butyl alcohol	5.00	59	2207	7.324	ug/l	97
16) Acetone	3.99	43	23819	39.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	29269	2.163	ug/l	91

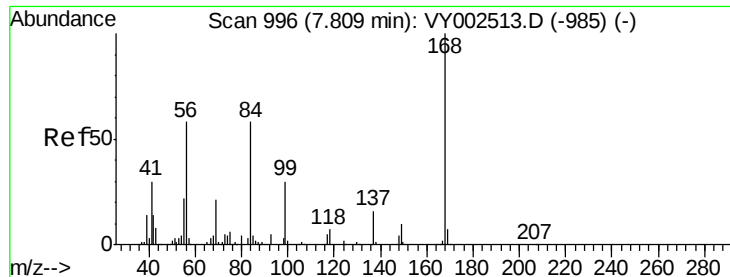
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002566.D

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MSVOA_Y

ClientSampleId :

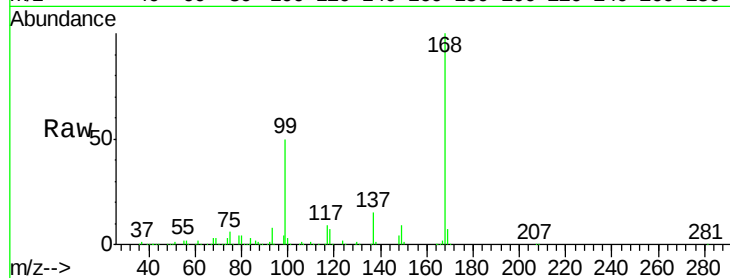
FK-0D015-03-013

Tot Ion:168 Resp: 348365

Ion Ratio Lower Upper

168 100

99 49.6 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) (-)

7.82

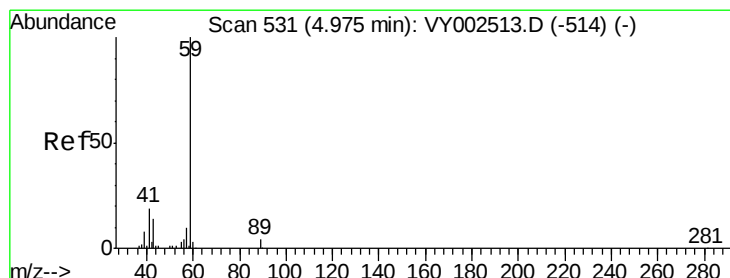
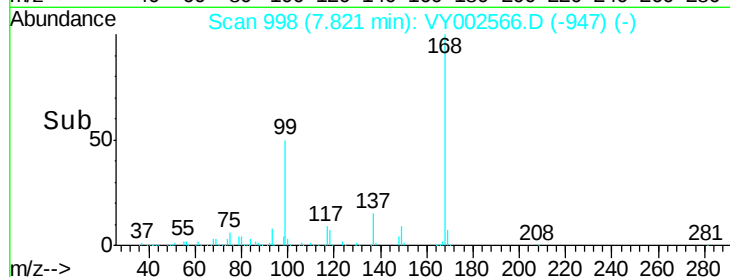
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.324 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.02 min

Lab File: VY002566.D

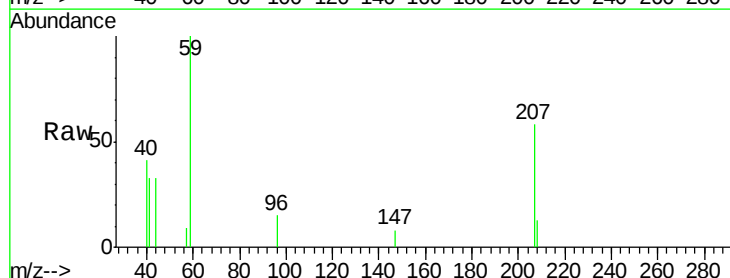
Acq: 05 May 2020 01:58

Tgt Ion: 59 Resp: 2207

Ion Ratio Lower Upper

59 100

57 8.4 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VY002513.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002513.D (-514) (-)

5.00

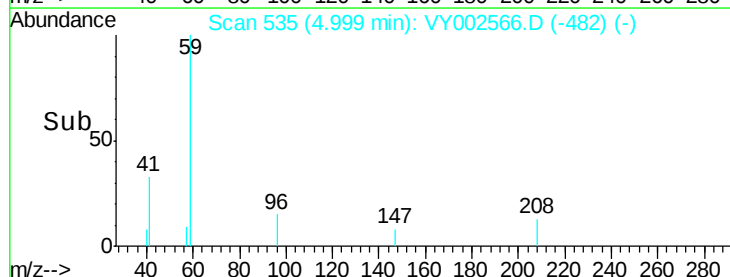
600

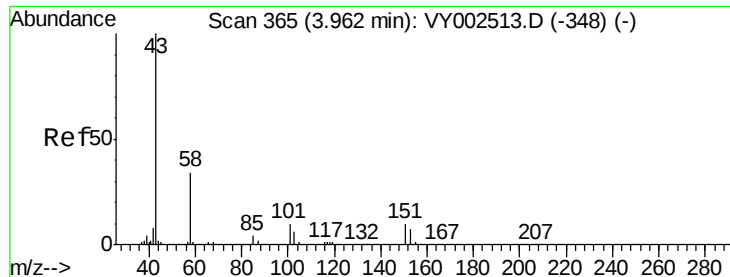
400

200

0

Time-->





#16

Acetone

Concen: 39.402 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002566.D

Acq: 05 May 2020 01:58

Instrument :

MSVOA_Y

ClientSampleId :

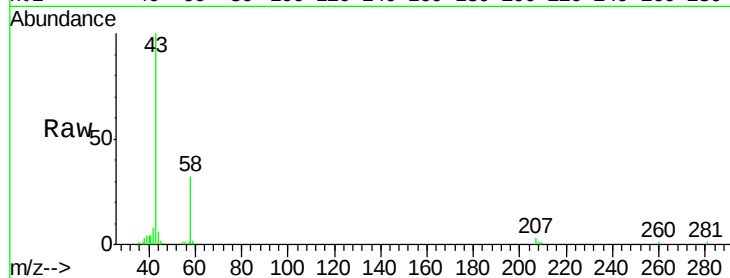
FK-0D015-03-013

Tot Ion: 43 Resp: 23819

Ion Ratio Lower Upper

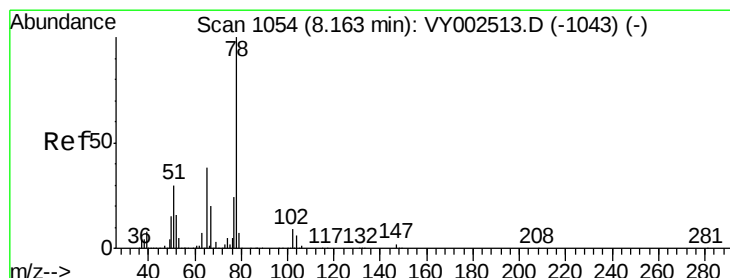
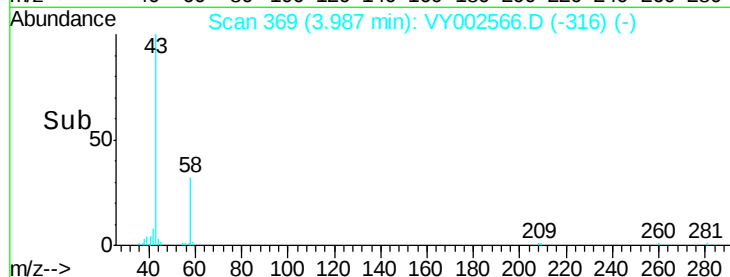
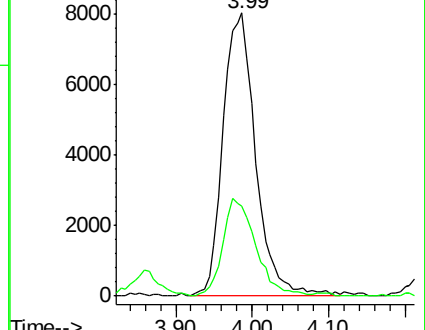
43 100

58 31.9 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.944 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002566.D

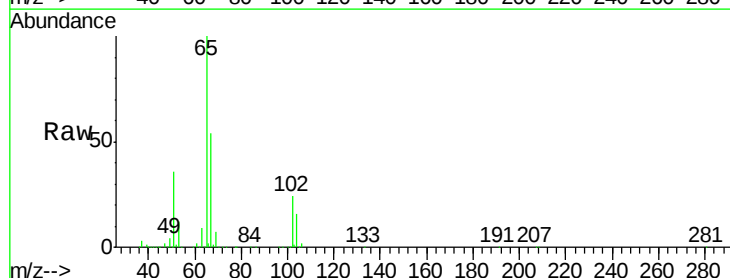
Acq: 05 May 2020 01:58

Tgt Ion: 65 Resp: 172655

Ion Ratio Lower Upper

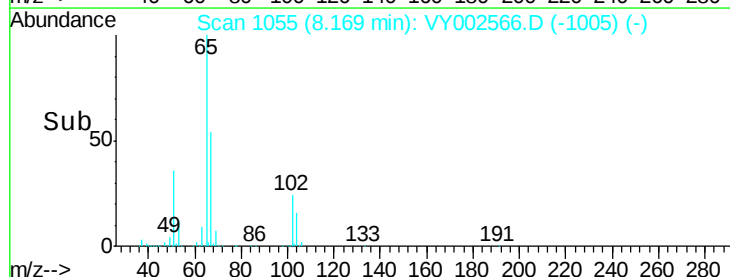
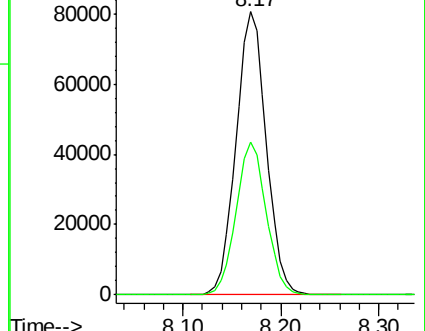
65 100

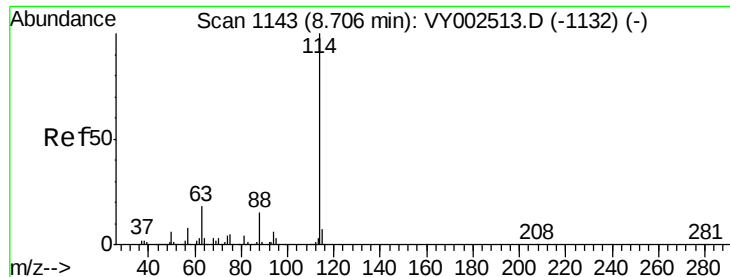
67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

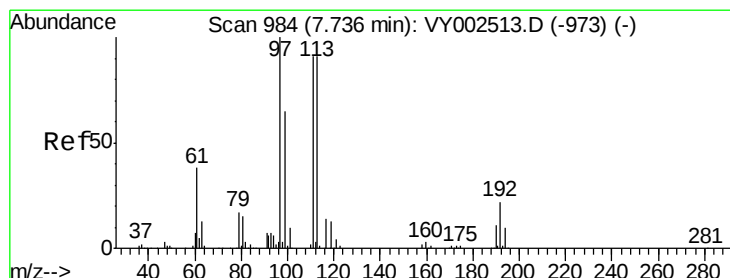
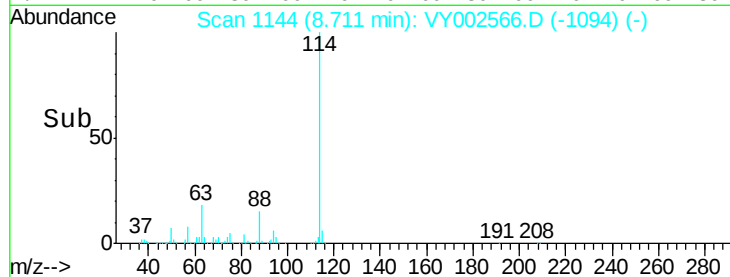
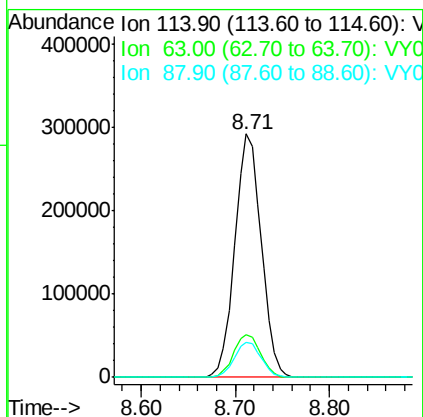
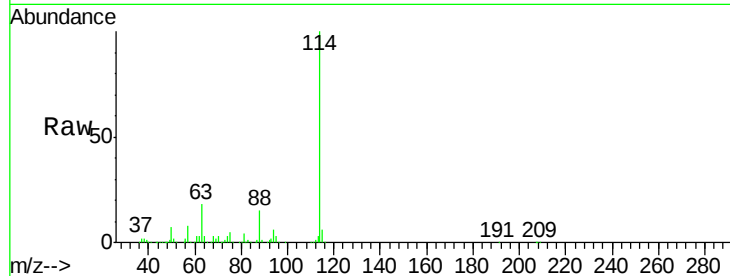




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002566.D
 Acq: 05 May 2020 01:58

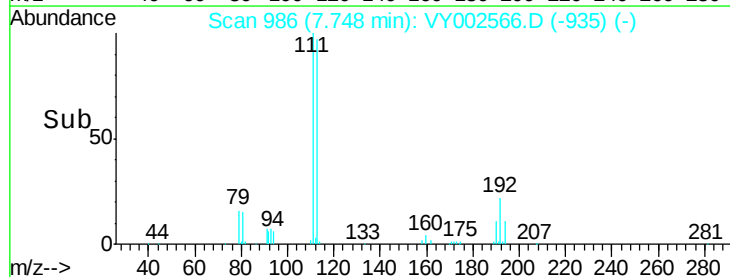
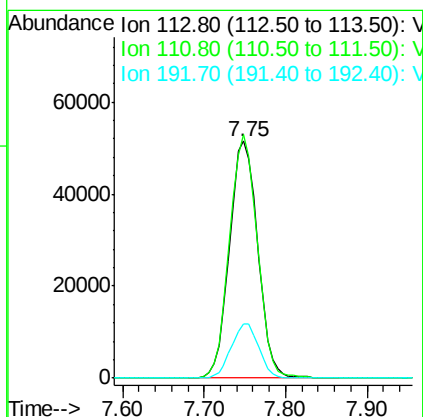
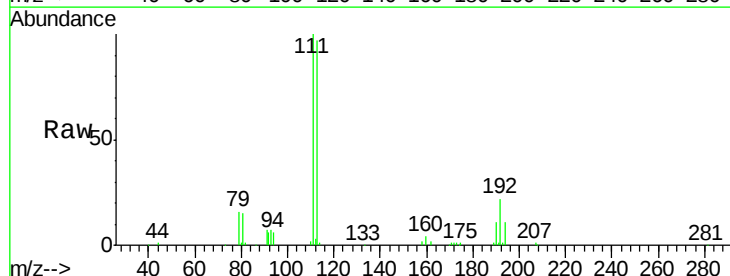
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-013

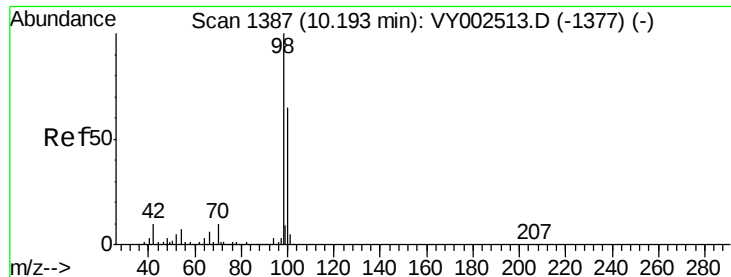
Tot Ion:114	Resp:	569573
Ion	Ratio	Lower Upper
114	100	
63	17.7	0.0 36.4
88	14.6	0.0 29.6



#35
 Dibromofluoromethane
 Concen: 37.693 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002566.D
 Acq: 05 May 2020 01:58

Tgt Ion:113	Resp:	122782
Ion	Ratio	Lower Upper
113	100	
111	101.3	81.8 122.6
192	22.3	18.2 27.4





#50

Toluene-d8

Concen: 52.399 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002566.D

Acq: 05 May 2020 01:58

Instrument :

MSVOA_Y

ClientSampleId :

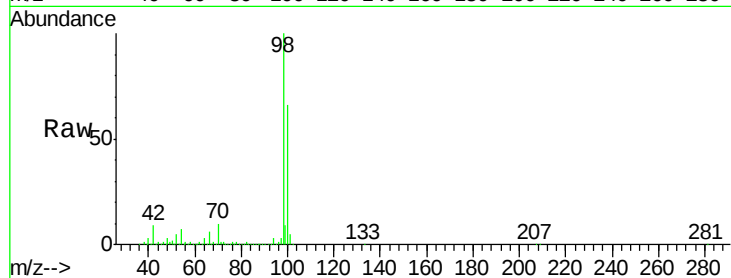
FK-0D015-03-013

Tot Ion: 98 Resp: 66652

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY002513.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002513.D (-1377) (-)

10.20

400000

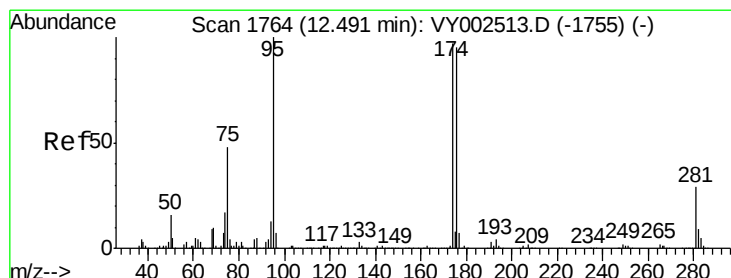
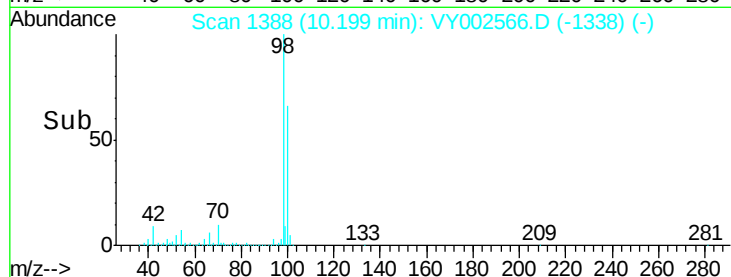
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.481 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002566.D

Acq: 05 May 2020 01:58

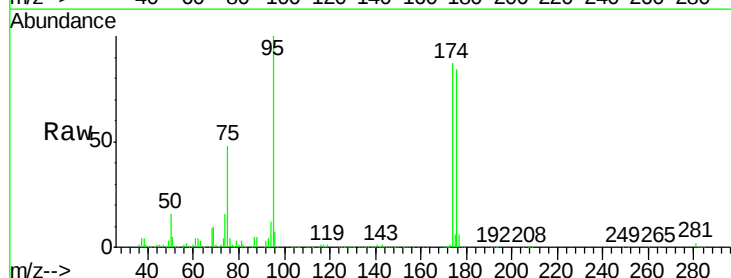
Tgt Ion: 95 Resp: 222215

Ion Ratio Lower Upper

95 100

174 91.6 0.0 188.8

176 88.3 0.0 183.2



Abundance Ion 94.90 (94.60 to 95.60): VY002513.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002513.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002513.D (-1755) (-)

12.49

200000

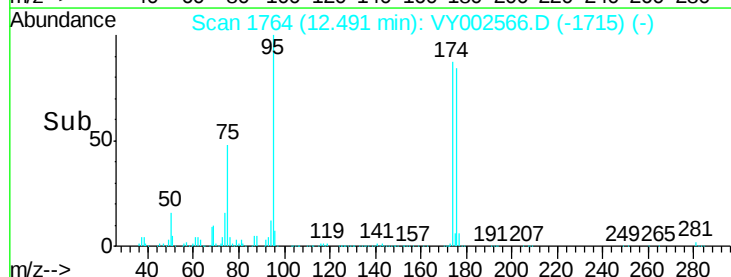
150000

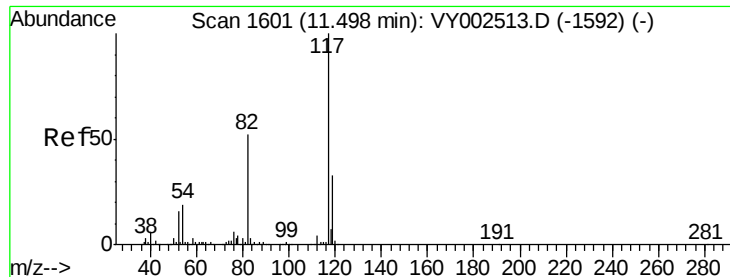
100000

50000

0

Time-->

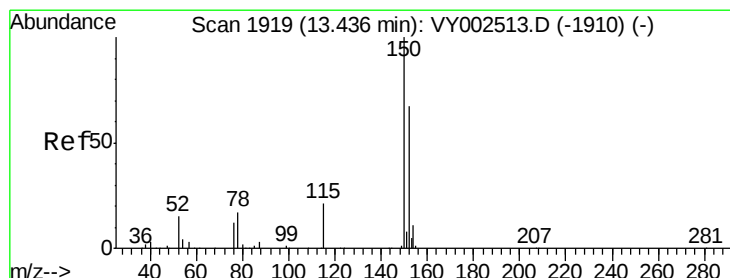
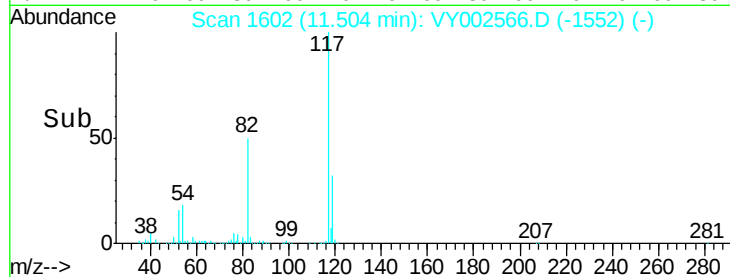
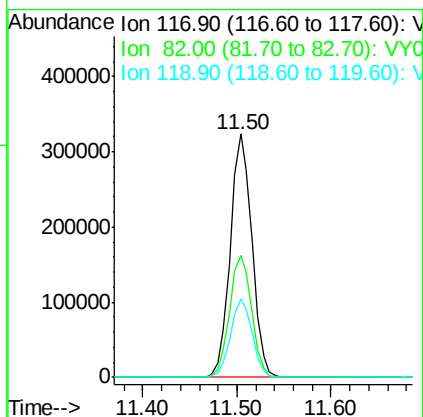
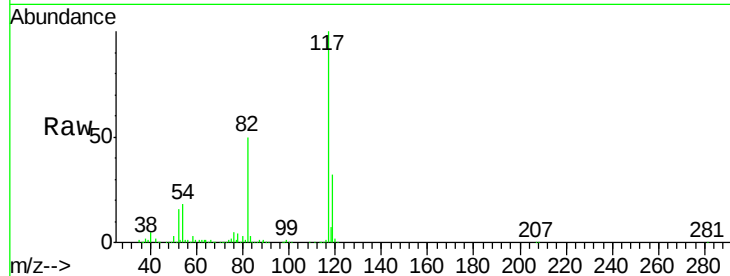




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002566.D
Acq: 05 May 2020 01:58

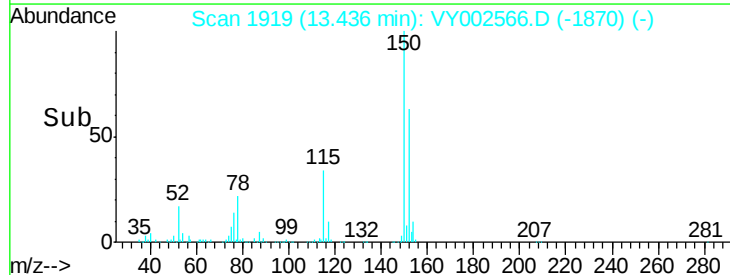
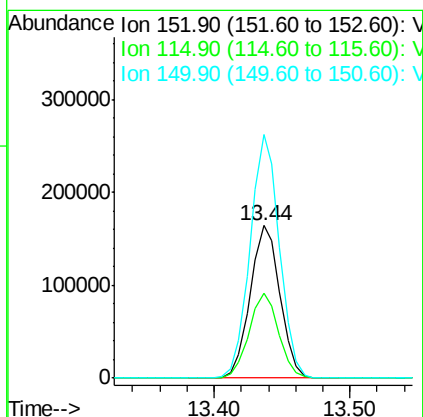
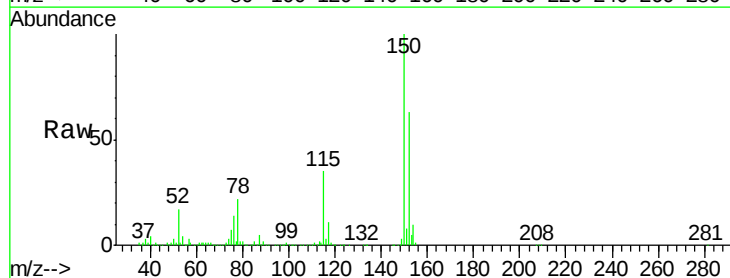
Instrument :
MSVOA_Y
ClientSampleId :
FK-0D015-03-013

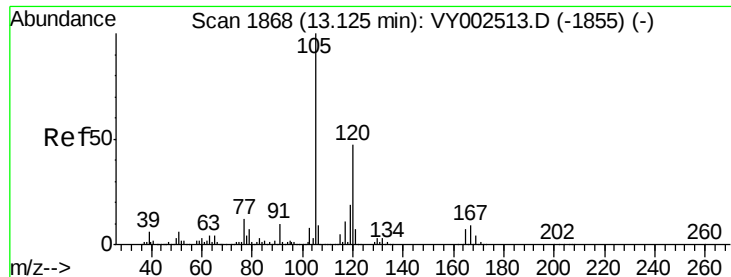
Tot Ion:117 Resp: 511884
Ion Ratio Lower Upper
117 100
82 50.4 41.3 61.9
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002566.D
Acq: 05 May 2020 01:58

Tgt Ion:152 Resp: 252709
Ion Ratio Lower Upper
152 100
115 55.1 27.5 82.4
150 156.8 0.0 346.4





#84
 1,2,4-Trimethylbenzene
 Concen: 2.163 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002566.D
 Acq: 05 May 2020 01:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-0D015-03-013

Tot Ion:105 Resp: 29269
 Ion Ratio Lower Upper
 105 100
 120 41.0 23.4 70.3

