

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001603.D
 Acq On : 11 Feb 2020 16:43
 Operator : SY/MD
 Sample : L1488-07
 Misc : 4.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LF012-TL-01-200207

Quant Time: Feb 12 08:23:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

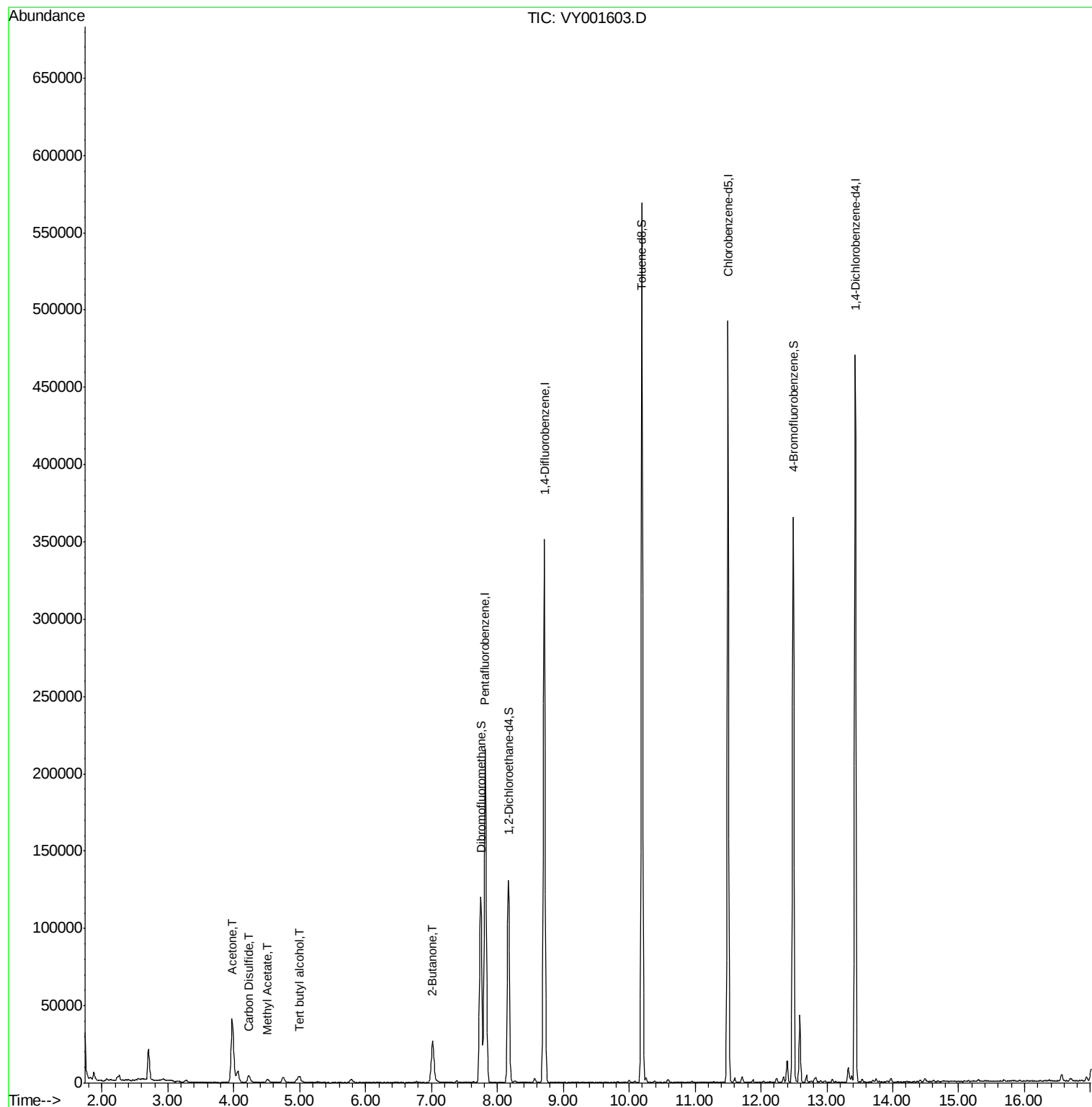
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167353	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	304946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	114005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	99496	59.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.10%	
35) Dibromofluoromethane	7.74	113	87570	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.19	98	363119	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.49	95	121561	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
11) Tert butyl alcohol	5.00	59	8953	15.535	ug/l	97
16) Acetone	3.97	43	73228	150.240	ug/l	98
17) Carbon Disulfide	4.22	76	7117	1.271	ug/l #	90
18) Methyl Acetate	4.52	43	4385	4.216	ug/l #	82
25) 2-Butanone	7.02	43	9984	15.789	ug/l	95

(#) = 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: VY001603.D

Acq: 11 Feb 2020 16:43

Instrument :

MSVOA_Y

ClientSampleId :

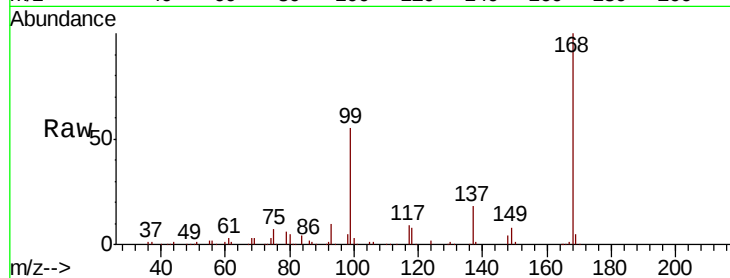
LF012-TL-01-200207

Tot Ion:168 Resp: 167353

Ion Ratio Lower Upper

168 100

99 54.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

80000

60000

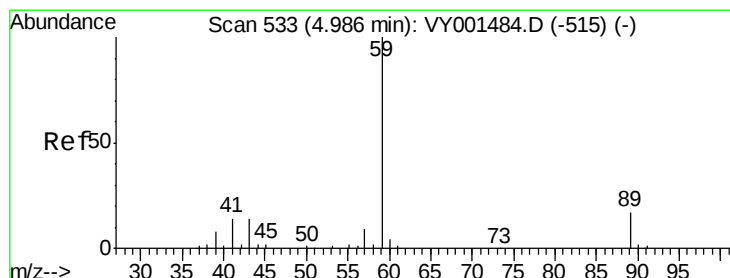
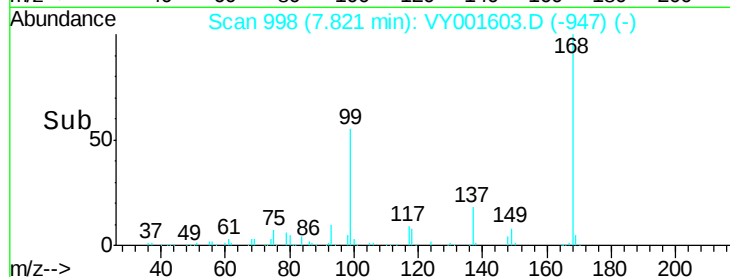
40000

20000

0

Time-->

7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 15.535 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001603.D

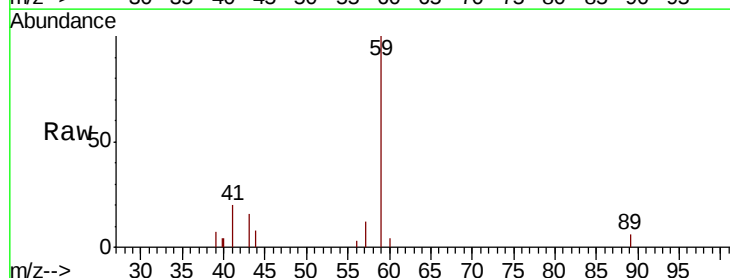
Acq: 11 Feb 2020 16:43

Tgt Ion: 59 Resp: 8953

Ion Ratio Lower Upper

59 100

57 10.1 7.0 10.6



Abundance Ion 59.00 (58.70 to 59.70): VY001484.D (-515) (-)

Ion 57.00 (56.70 to 57.70): VY001484.D (-515) (-)

5.00

2500

2000

1500

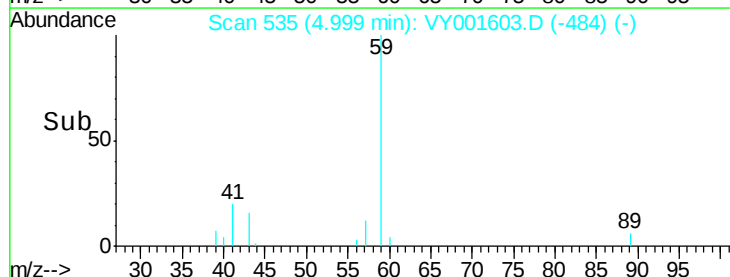
1000

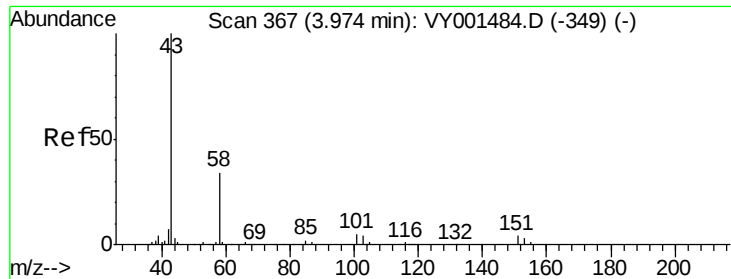
500

0

Time-->

4.90 5.00 5.10

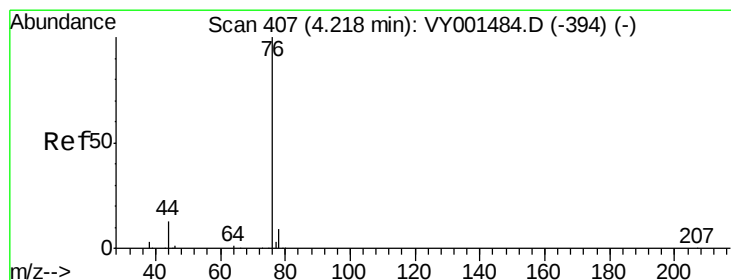
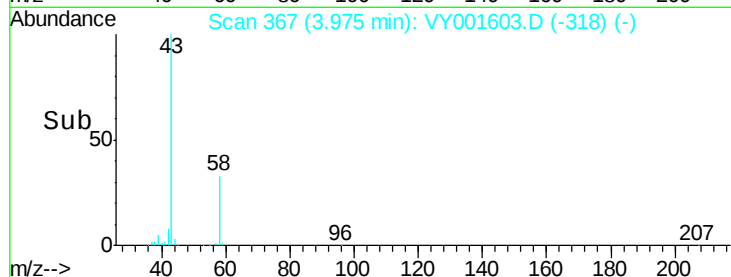
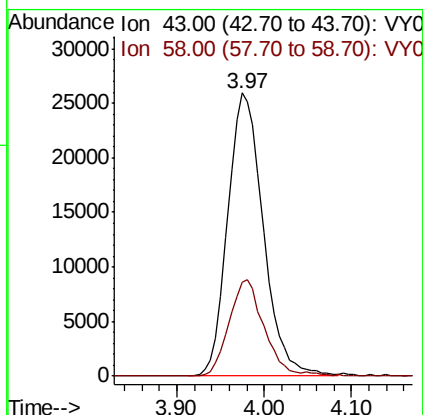
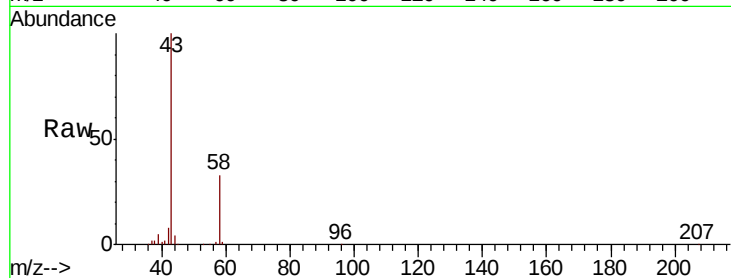




#16
Acetone
Concen: 150.240 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001603.D
Acq: 11 Feb 2020 16:43

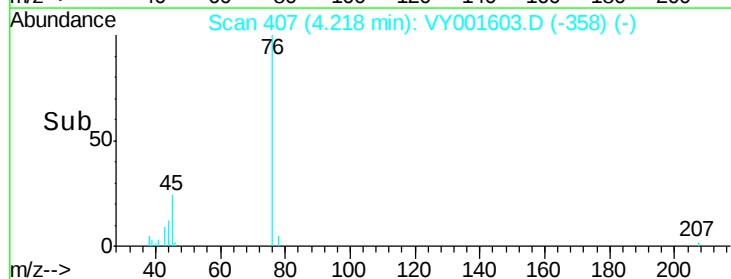
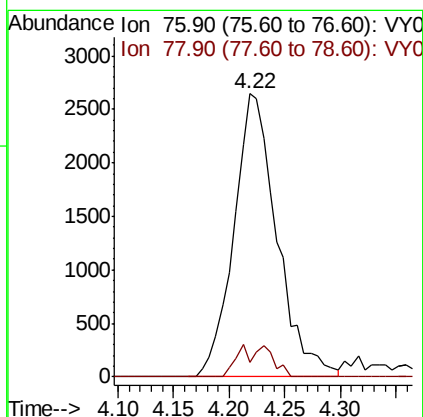
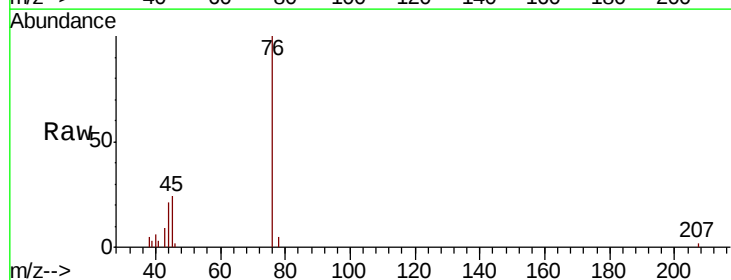
Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-01-200207

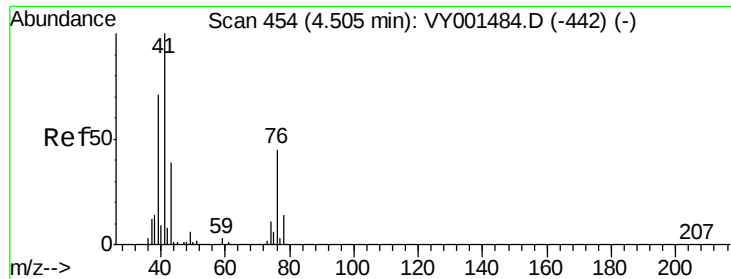
Tot Ion: 43 Resp: 73228
Ion Ratio Lower Upper
43 100
58 33.3 27.5 41.3



#17
Carbon Disulfide
Concen: 1.271 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.00 min
Lab File: VY001603.D
Acq: 11 Feb 2020 16:43

Tgt Ion: 76 Resp: 7117
Ion Ratio Lower Upper
76 100
78 5.2 7.0 10.6#

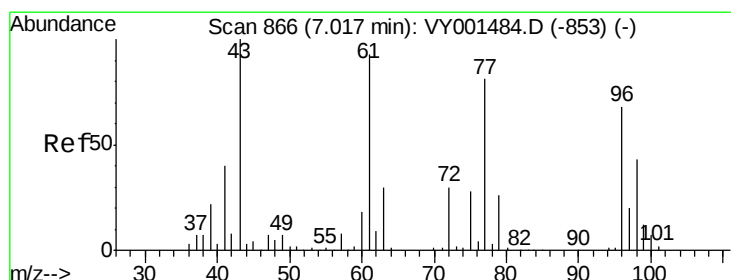
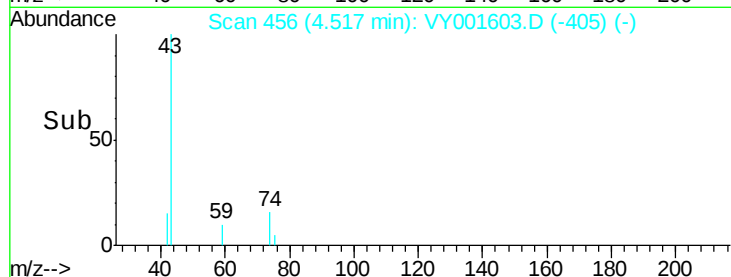
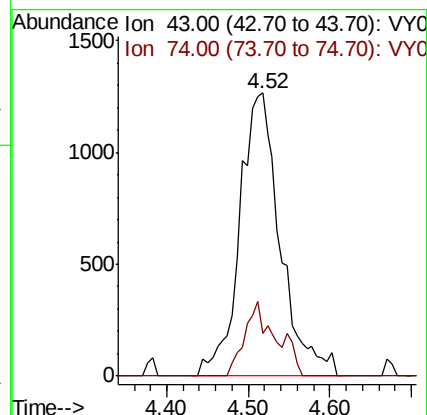
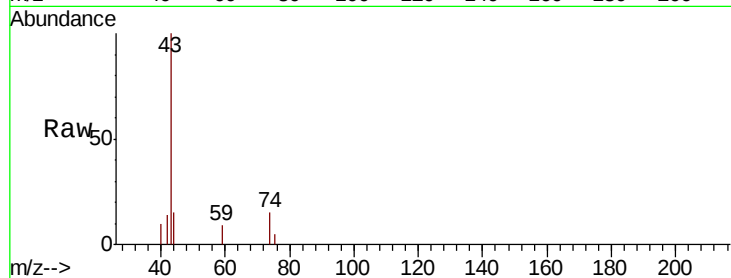




#18
Methvl Acetate
Concen: 4.216 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001603.D
Acq: 11 Feb 2020 16:43

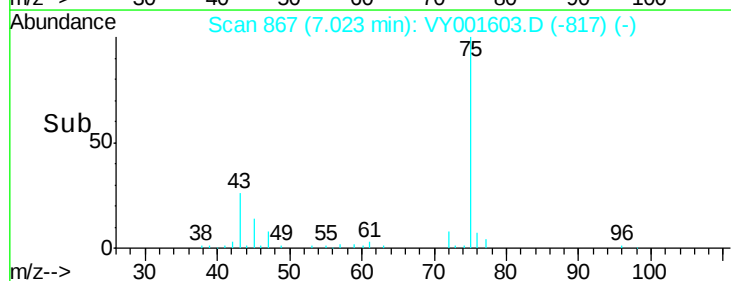
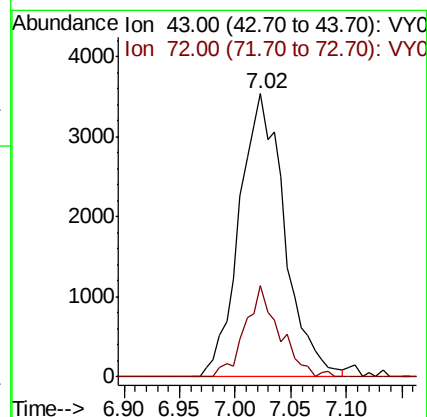
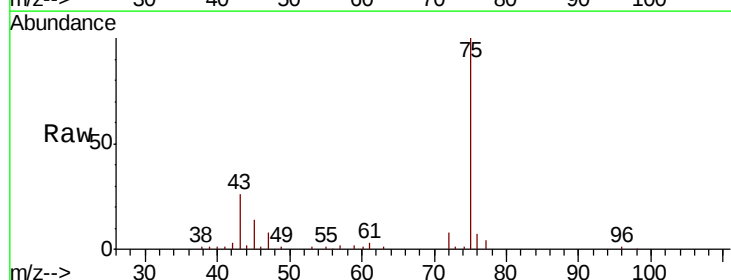
Instrument :
MSVOA_Y
ClientSampleId :
LF012-TL-01-200207

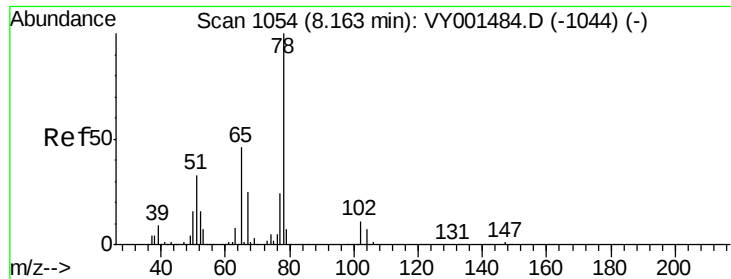
Tot Ion: 43 Resp: 4385
Ion Ratio Lower Upper
43 100
74 16.9 21.0 31.6#



#25
2-Butanone
Concen: 15.789 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001603.D
Acq: 11 Feb 2020 16:43

Tgt Ion: 43 Resp: 9984
Ion Ratio Lower Upper
43 100
72 32.3 23.8 35.8





#33

1,2-Dichloroethane-d4

Concen: 59.048 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001603.D

Acq: 11 Feb 2020 16:43

Instrument :

MSVOA_Y

ClientSampleId :

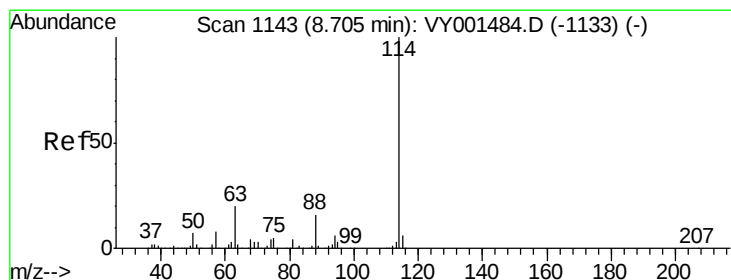
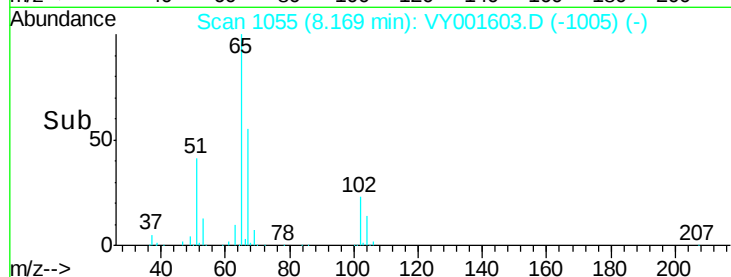
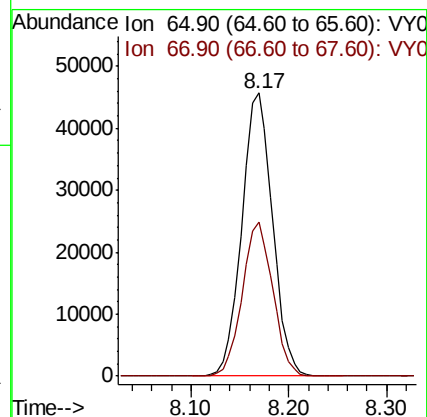
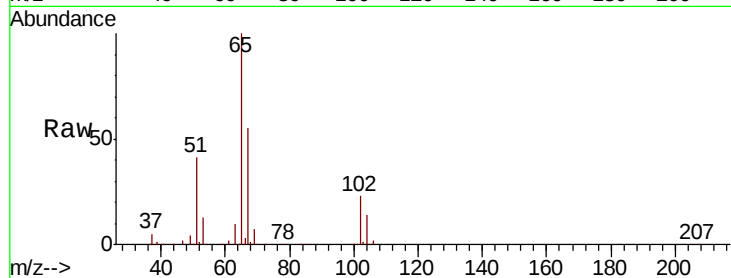
LF012-TL-01-200207

Tot Ion: 65 Resp: 99496

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001603.D

Acq: 11 Feb 2020 16:43

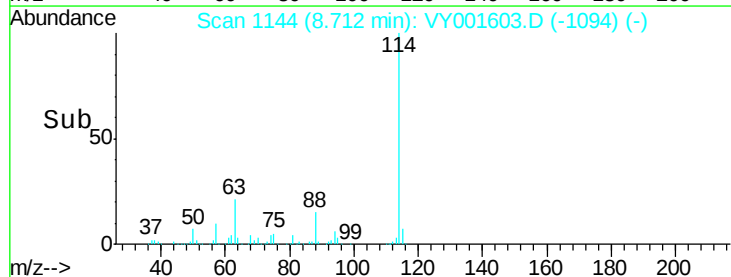
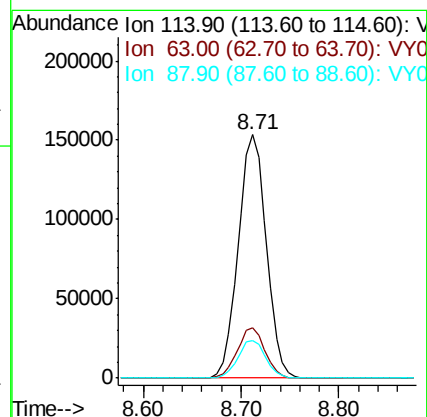
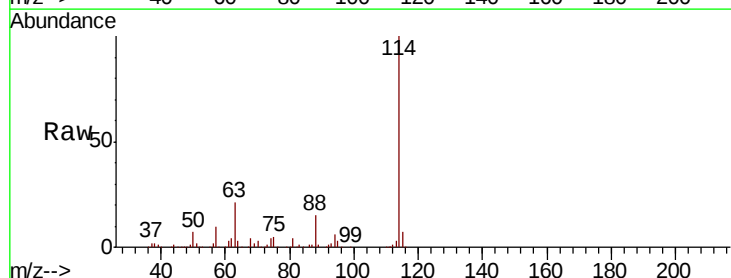
Tgt Ion: 114 Resp: 304946

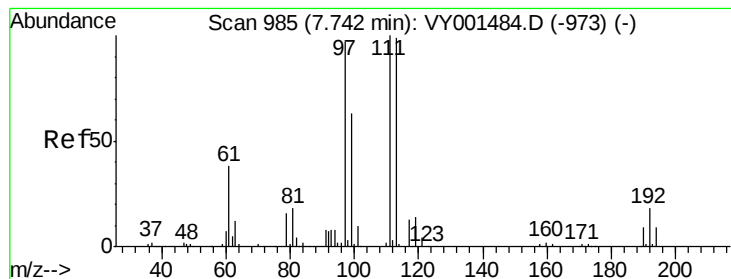
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.8

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001603.D

Acq: 11 Feb 2020 16:43

Instrument :

MSVOA_Y

ClientSampleId :

LF012-TL-01-200207

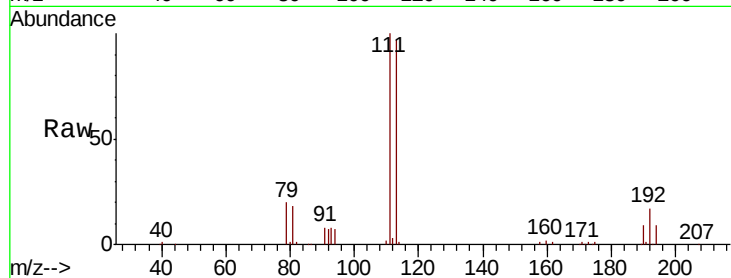
Tot Ion:113 Resp: 87570

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

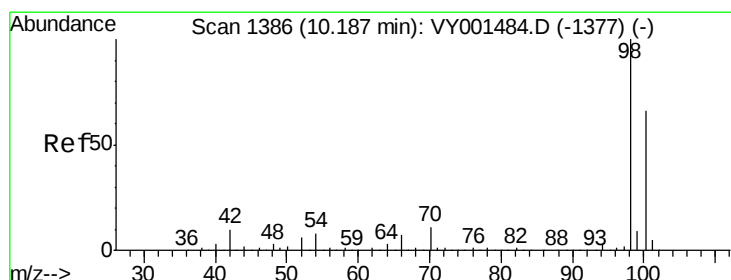
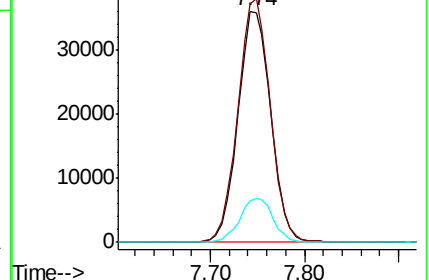
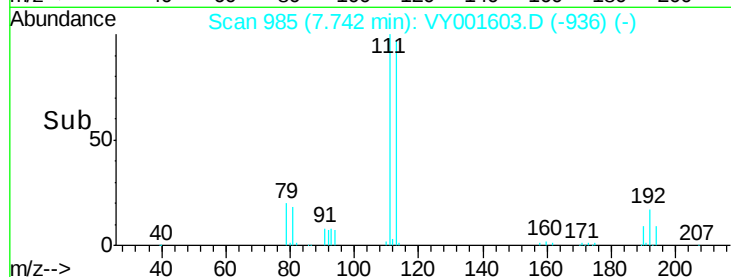
192 19.3 14.6 22.0



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: 54.580 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001603.D

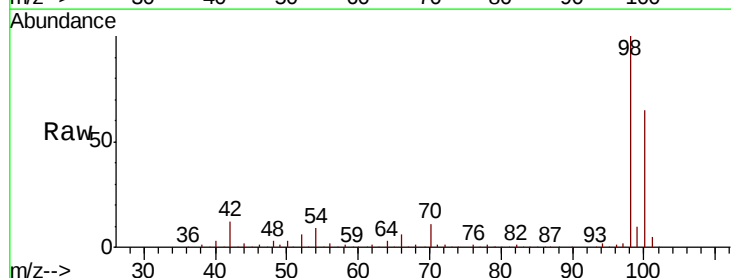
Acq: 11 Feb 2020 16:43

Tgt Ion: 98 Resp: 363119

Ion Ratio Lower Upper

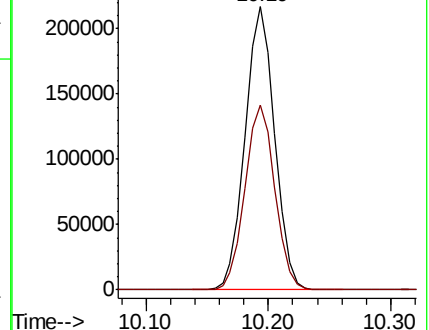
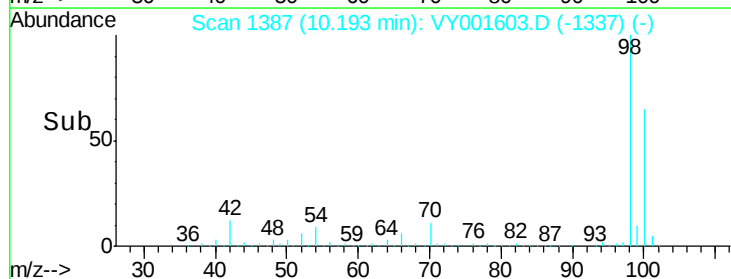
98 100

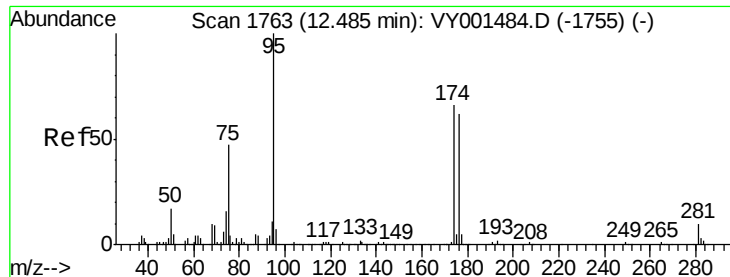
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.381 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001603.D

Acq: 11 Feb 2020 16:43

Instrument :

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ClientSampleId :

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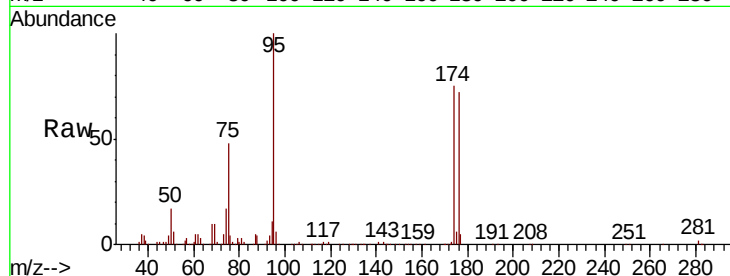
Tot Ion: 95 Resp: 121561

Ion Ratio Lower Upper

95 100

174 74.5 0.0 141.4

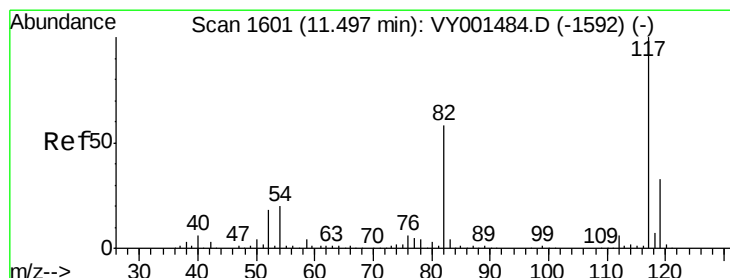
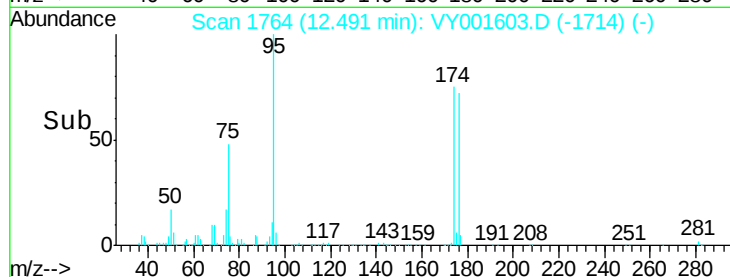
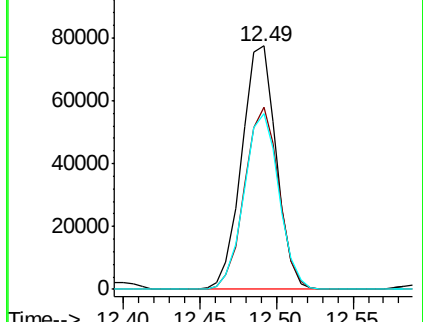
176 72.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001603.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001603.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001603.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VY001603.D

Acq: 11 Feb 2020 16:43

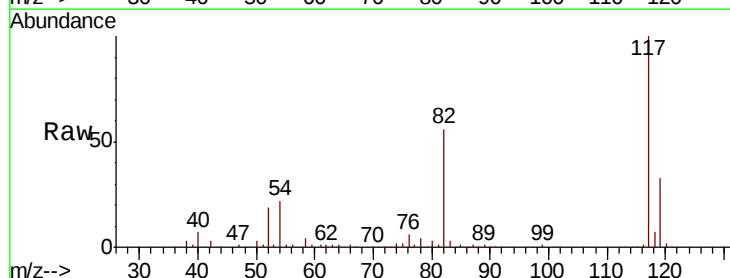
Tgt Ion: 117 Resp: 266888

Ion Ratio Lower Upper

117 100

82 56.0 46.1 69.1

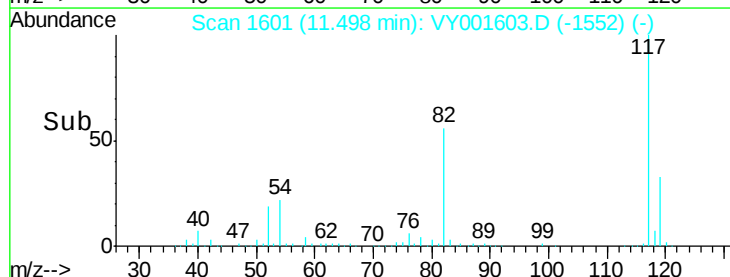
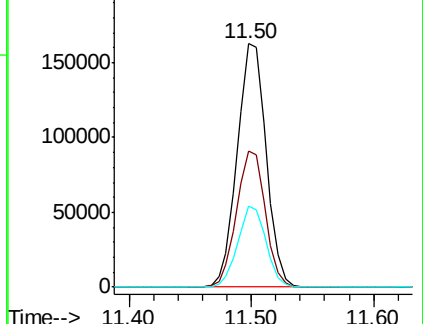
119 33.1 26.1 39.1

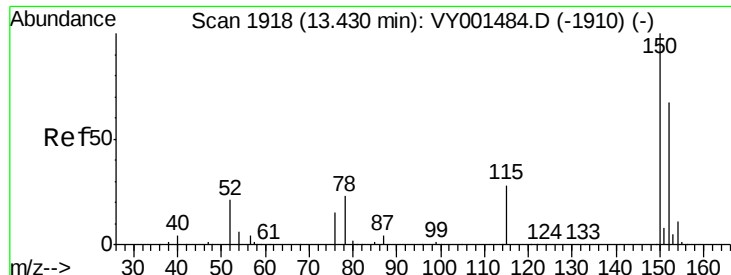


Abundance Ion 116.90 (116.60 to 117.60): VY001603.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY001603.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY001603.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001603.D

Acq: 11 Feb 2020 16:43

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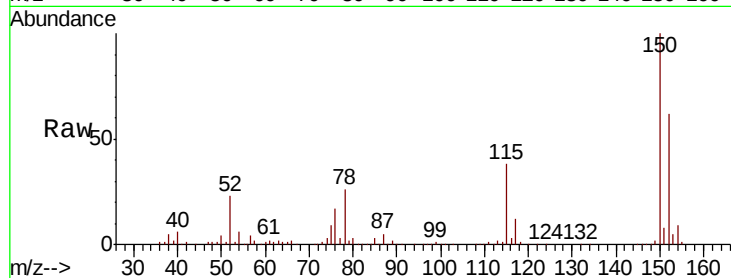
Tot Ion:152 Resp: 114005

Ion Ratio Lower Upper

152 100

115 60.7 31.4 94.3

150 159.9 0.0 346.8



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

