

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001626.D
 Acq On : 13 Feb 2020 13:11
 Operator : SY/MD
 Sample : L1385-01
 Misc : 7.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-021220

Quant Time: Feb 14 06:52:16 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

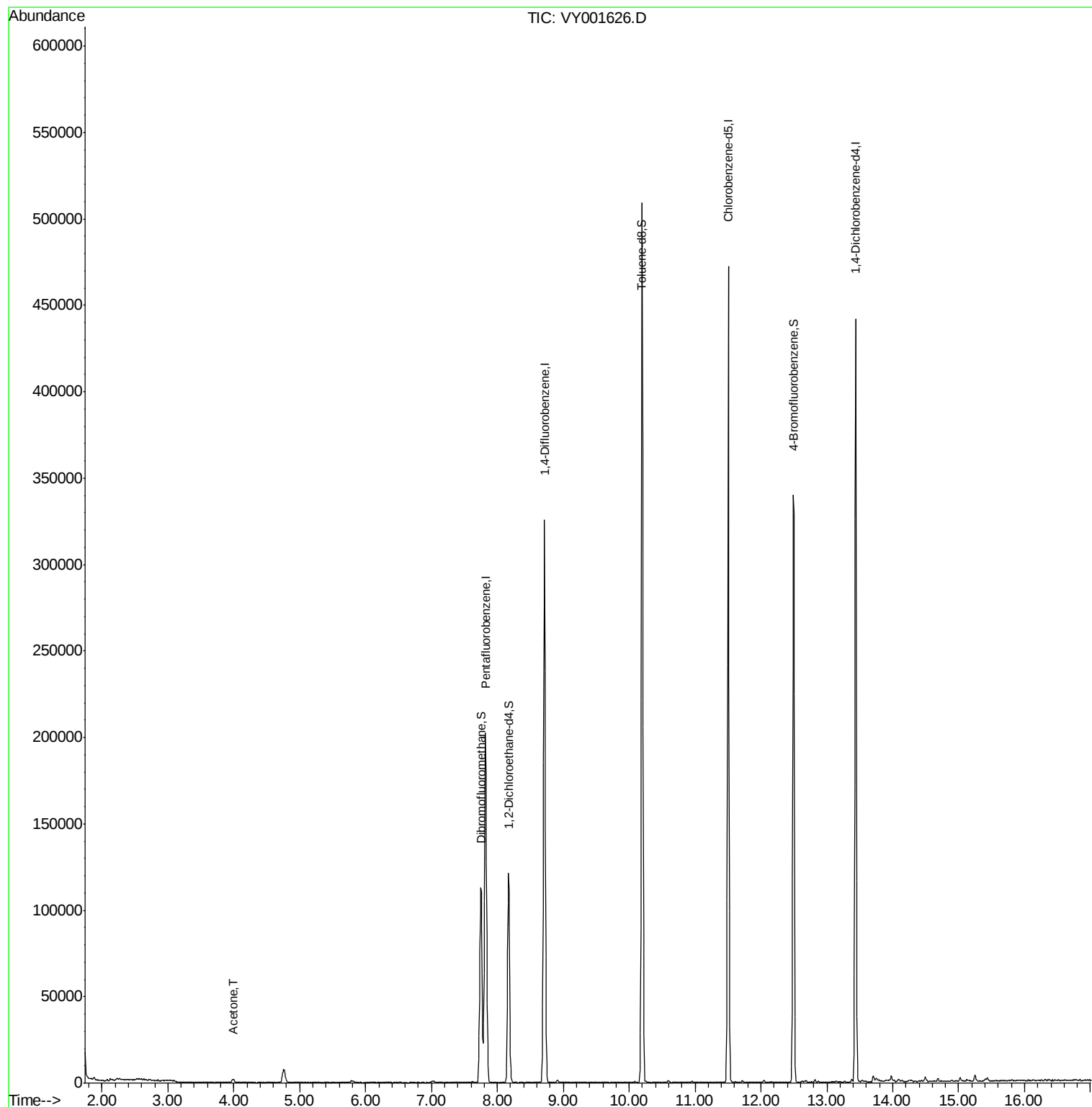
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	152354	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	281886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	107408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	88446	57.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.32%	
35) Dibromofluoromethane	7.75	113	81169	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.19	98	334705	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.49	95	112062	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
16) Acetone	3.98	43	3833	8.638	ug/l #	Qvalue 80

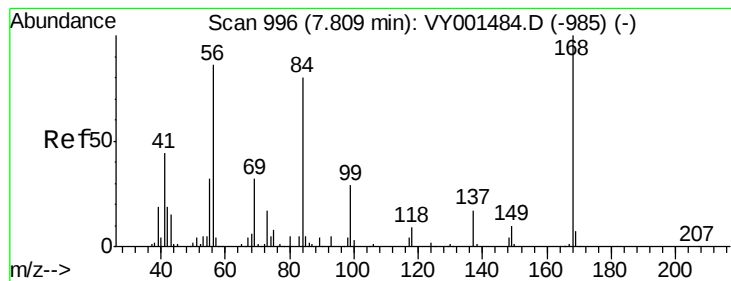
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001626.D

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ClientSampleId :

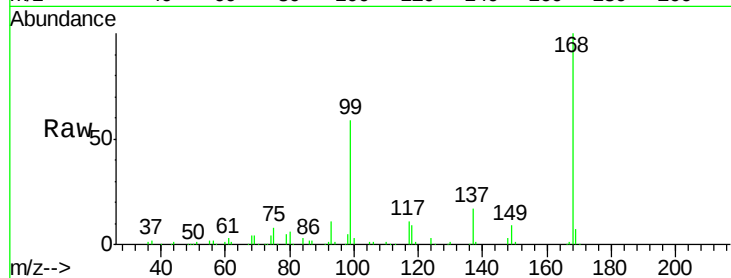
HD-02-021220

Tot Ion:168 Resp: 152354

Ion Ratio Lower Upper

168 100

99 58.9 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

60000

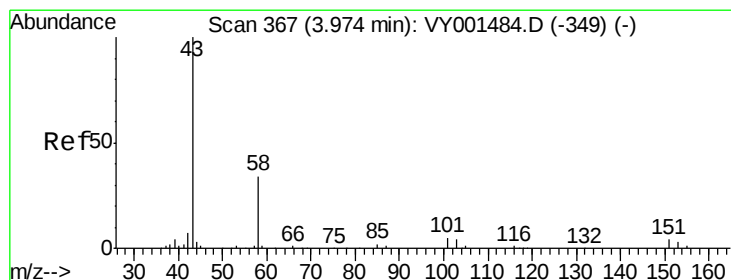
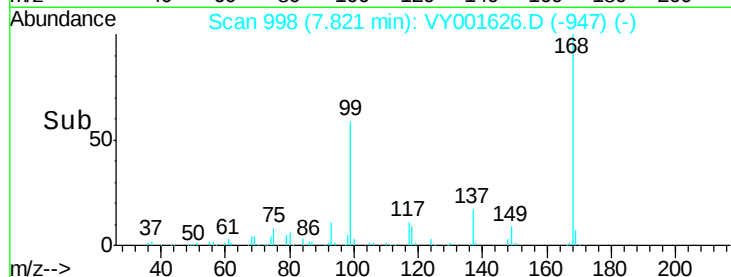
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 8.638 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001626.D

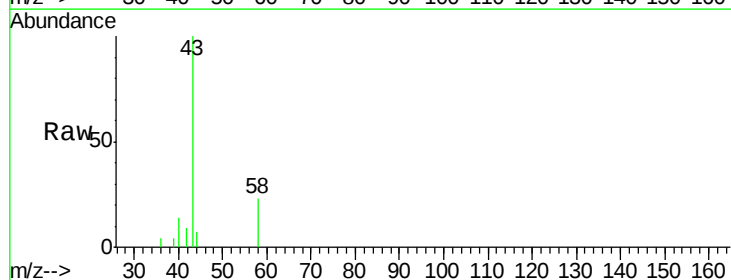
Acq: 13 Feb 2020 13:11

Tgt Ion: 43 Resp: 3833

Ion Ratio Lower Upper

43 100

58 22.7 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-349) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-349) (-)

3.98

1500

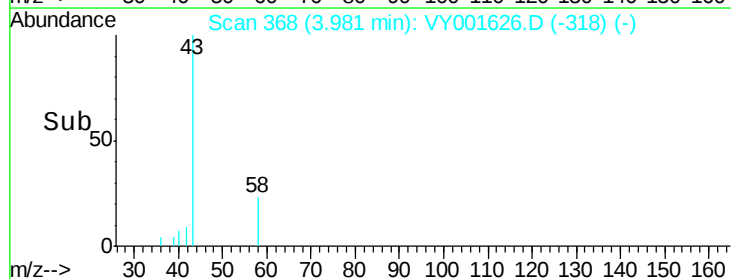
1000

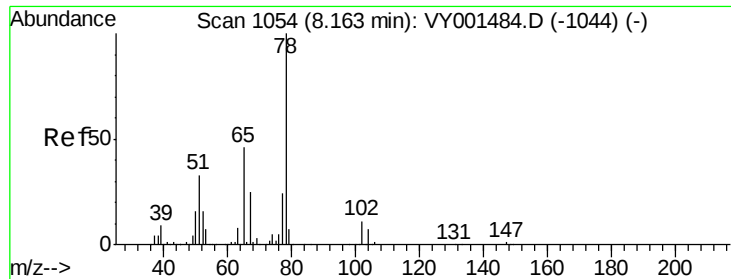
500

0

3.90 3.95 4.00 4.05 4.10

Time-->

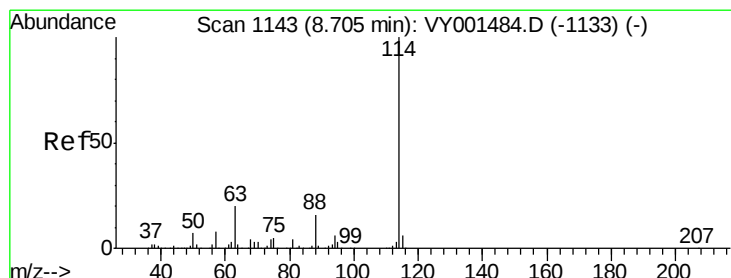
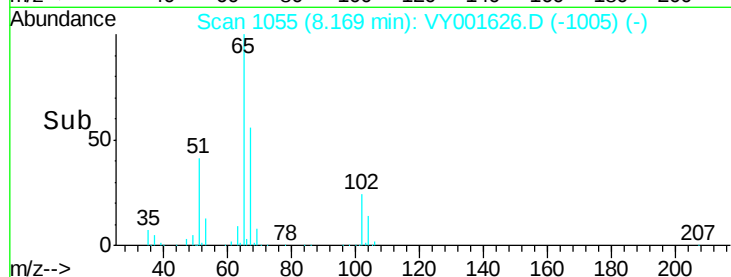
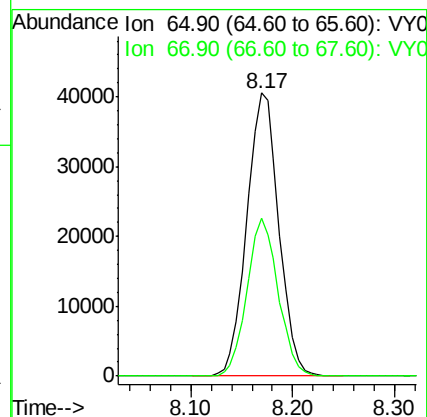
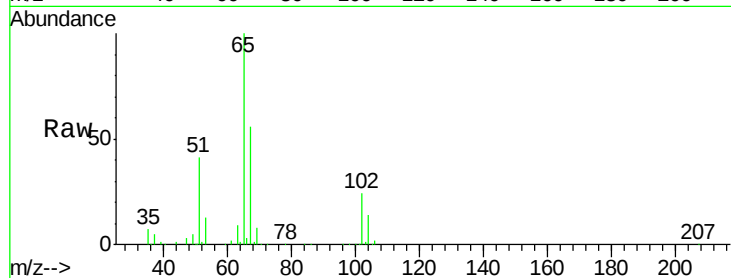




#33
 1,2-Dichloroethane-d4
 Concen: 57.658 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001626.D
 Acq: 13 Feb 2020 13:11

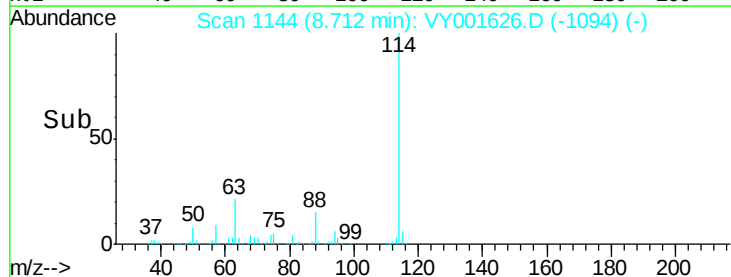
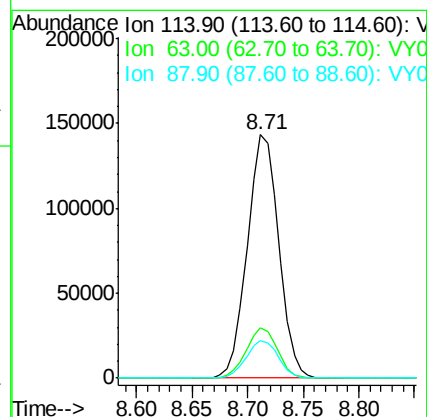
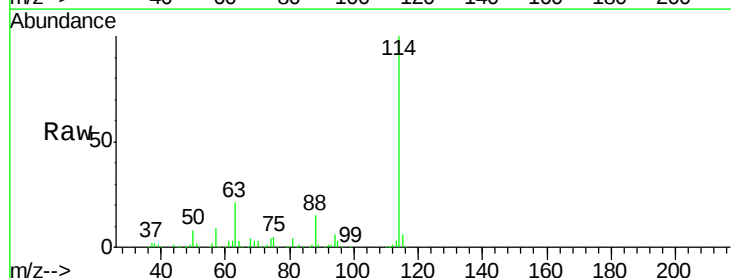
Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-021220

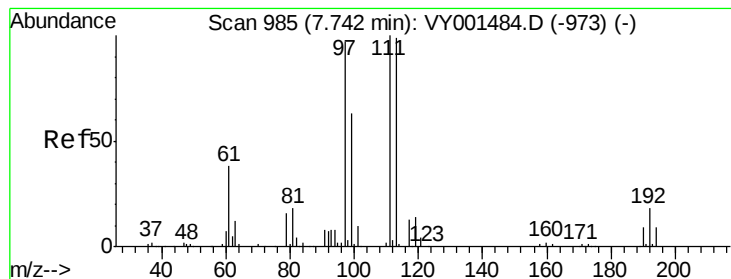
Tot Ion: 65 Resp: 88446
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001626.D
 Acq: 13 Feb 2020 13:11

Tgt Ion: 114 Resp: 281886
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.935 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-021220

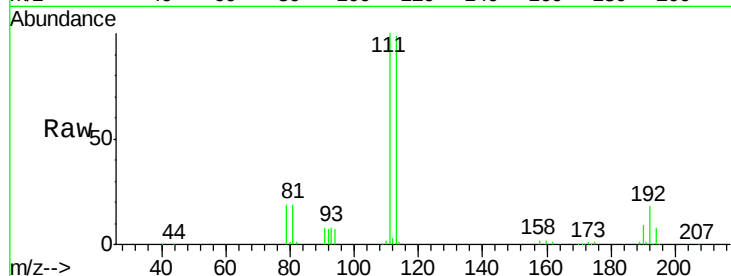
Tot Ion:113 Resp: 81169

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

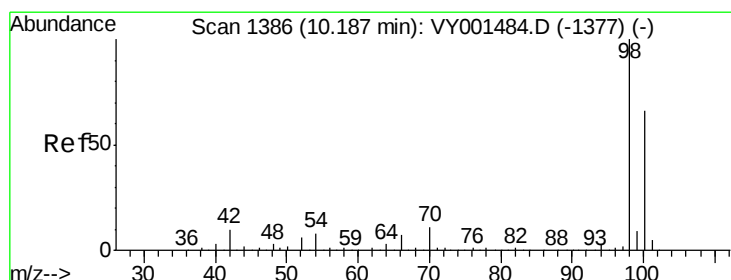
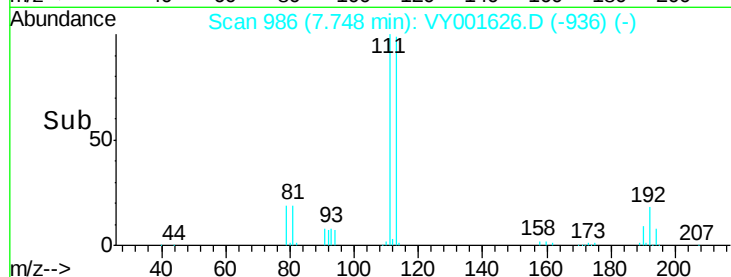
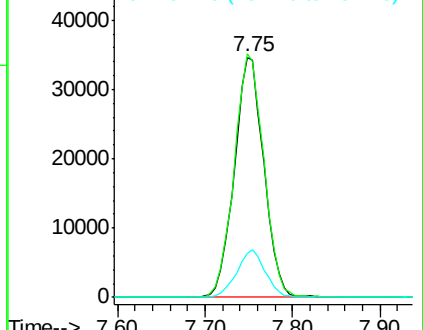
192 19.0 14.6 22.0



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: 54.424 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001626.D

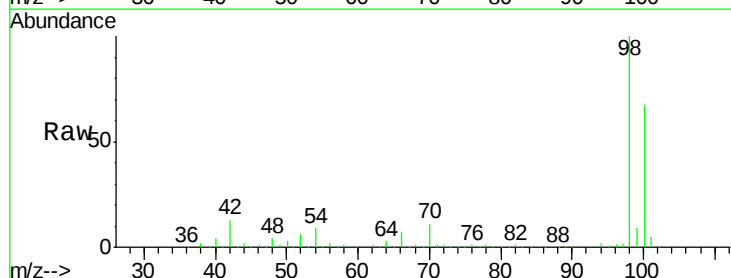
Acq: 13 Feb 2020 13:11

Tgt Ion: 98 Resp: 334705

Ion Ratio Lower Upper

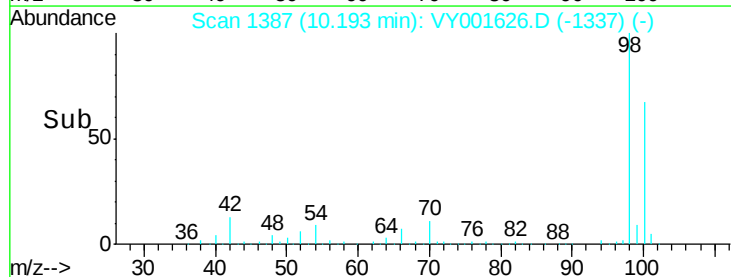
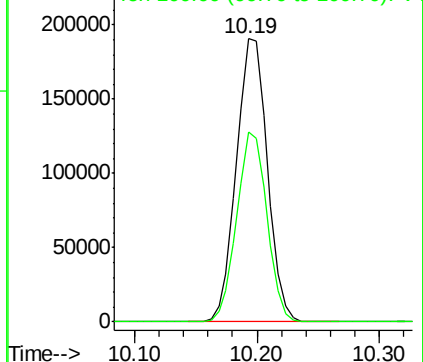
98 100

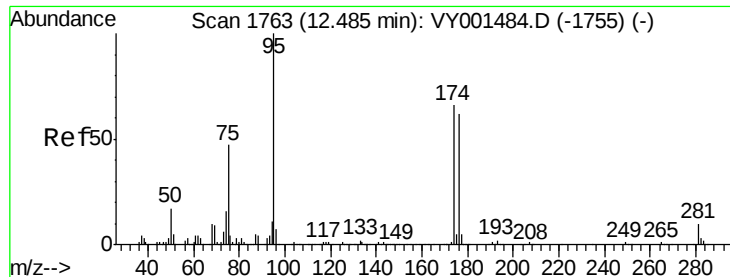
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

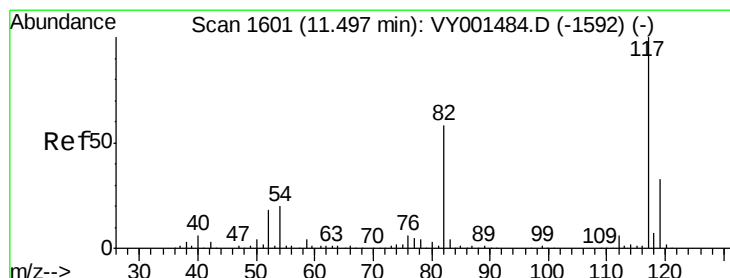
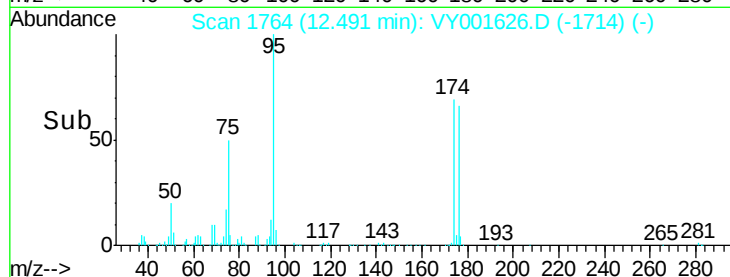
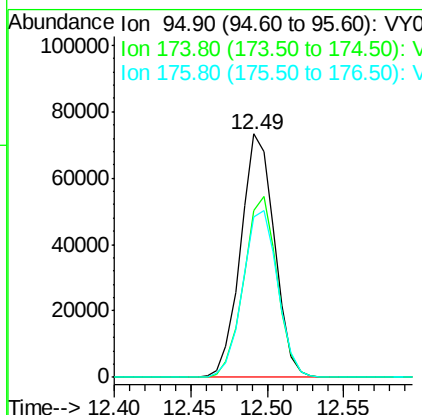
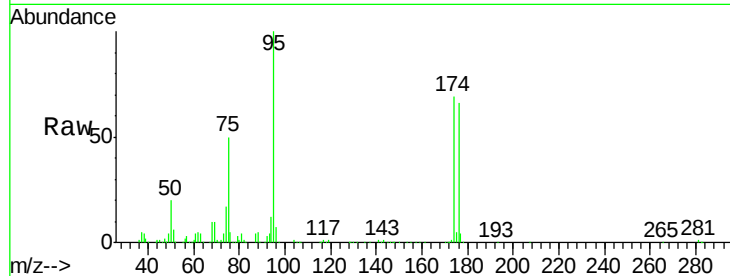




#62
4-Bromofluorobenzene
Concen: 46.254 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001626.D
Acq: 13 Feb 2020 13:11

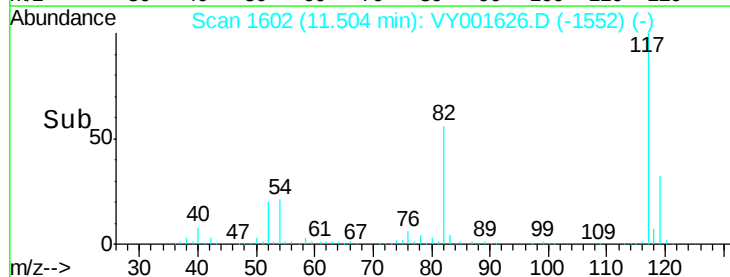
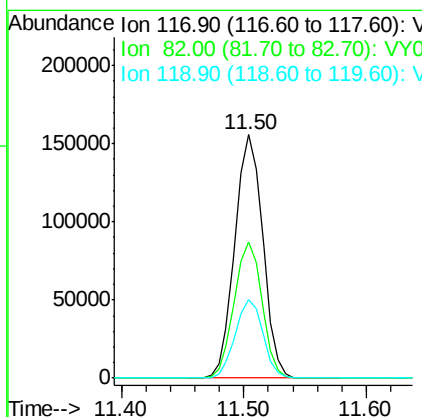
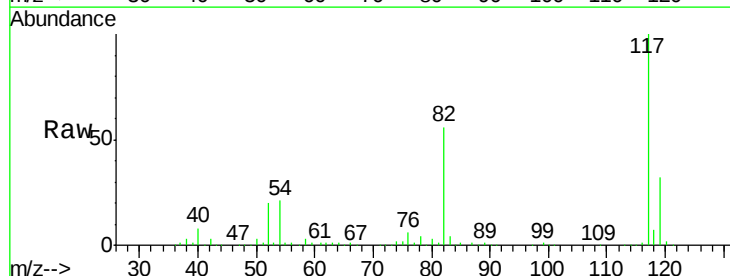
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-021220

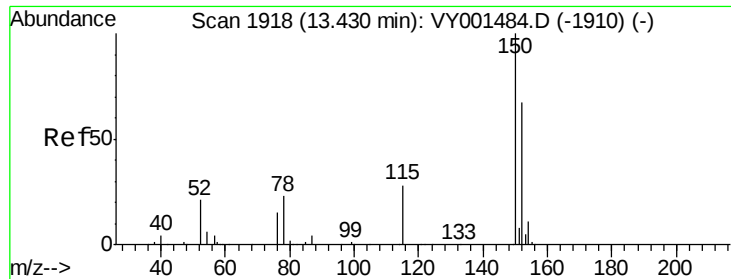
Tot Ion: 95 Resp: 112062
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.4
176 71.2 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001626.D
Acq: 13 Feb 2020 13:11

Tgt Ion: 117 Resp: 246550
Ion Ratio Lower Upper
117 100
82 56.2 46.1 69.1
119 32.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001626.D

Acq: 13 Feb 2020 13:11

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-021220

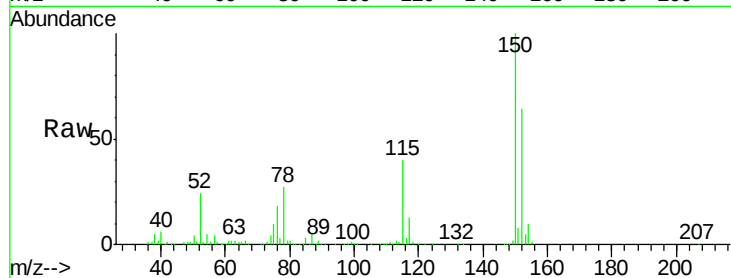
Tot Ion:152 Resp: 107408

Ion Ratio Lower Upper

152 100

115 61.0 31.4 94.3

150 156.8 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

