

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001312.D
 Acq On : 20 Jan 2020 21:27
 Operator : SY/MD
 Sample : L1205-06
 Misc : 8.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-8

Quant Time: Jan 21 08:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

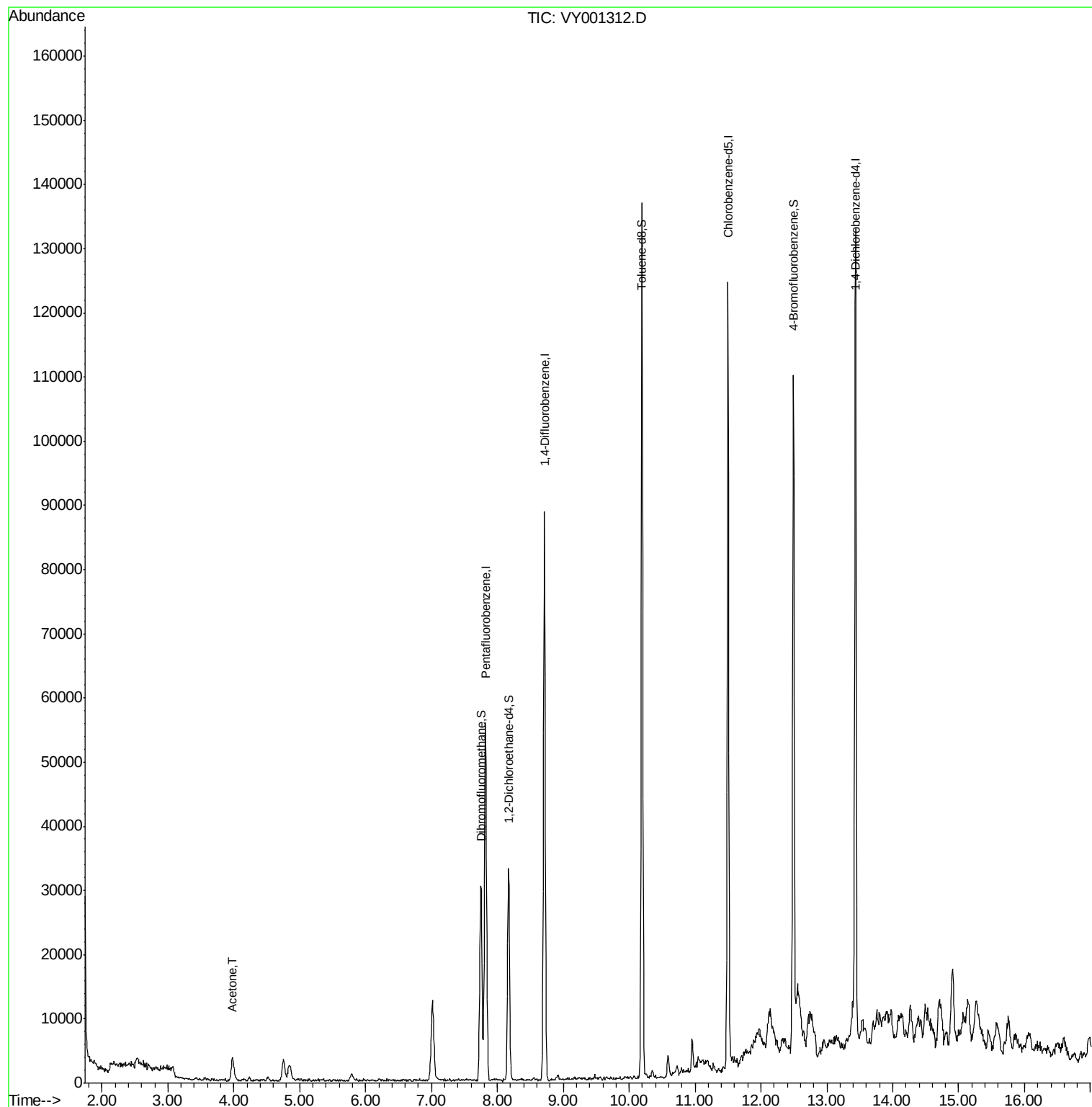
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	43716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	76849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	66691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	31133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	24177	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	7.75	113	21472	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	10.19	98	89955	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.49	95	32417	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
16) Acetone	3.98	43	6695	62.436	ug/l	Qvalue 97

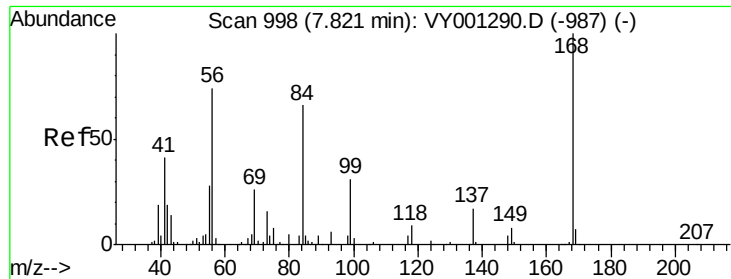
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001312.D

Acq: 20 Jan 2020 21:27

Instrument :

MSVOA_Y

ClientSampled :

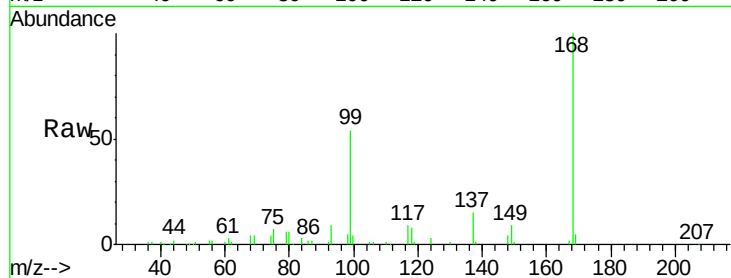
EP-8

Tot Ion:168 Resp: 43716

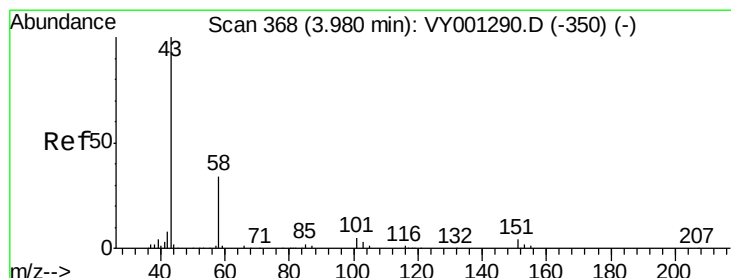
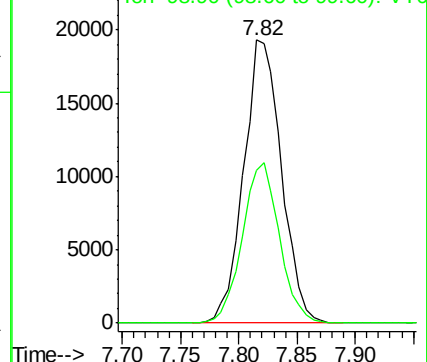
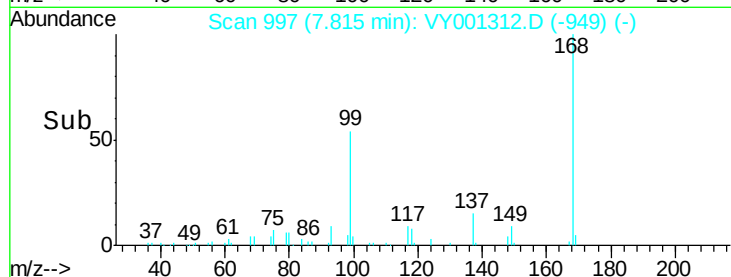
Ion Ratio Lower Upper

168 100

99 54.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001312.D (-949) (-)



#16

Acetone

Concen: 62.436 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.00 min

Lab File: VY001312.D

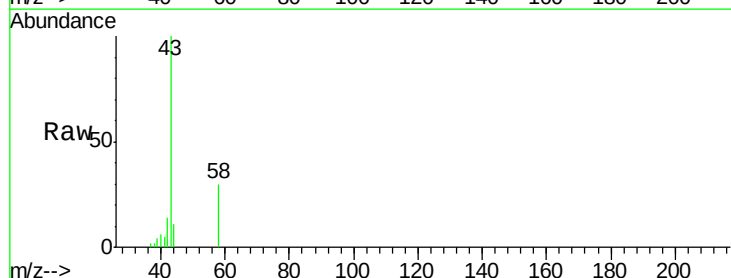
Acq: 20 Jan 2020 21:27

Tgt Ion: 43 Resp: 6695

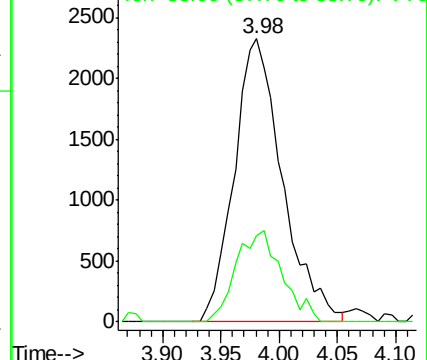
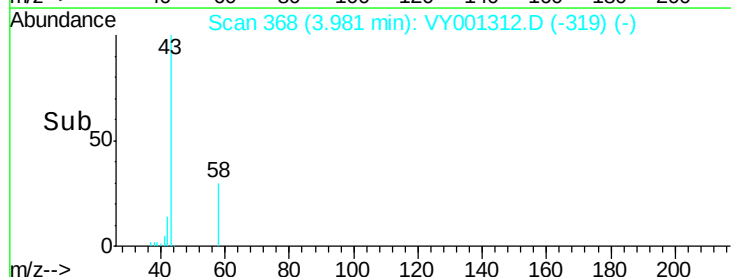
Ion Ratio Lower Upper

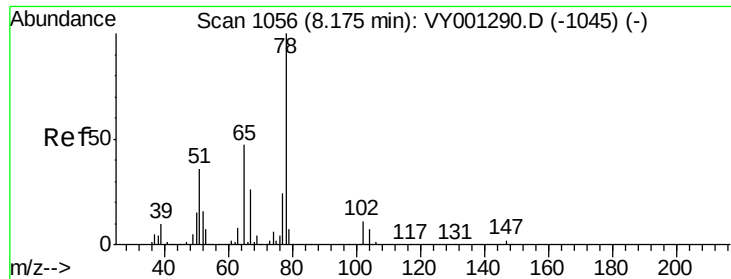
43 100

58 30.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001312.D (-319) (-)

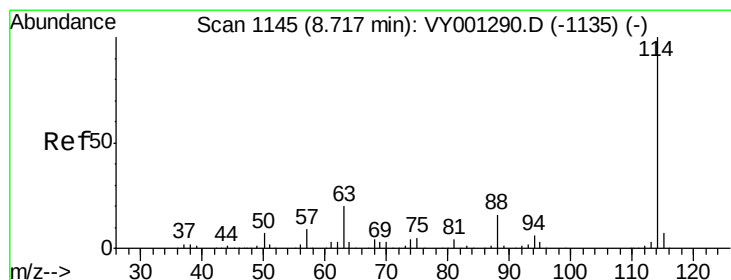
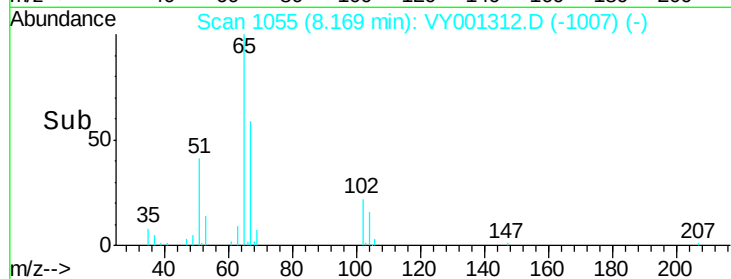
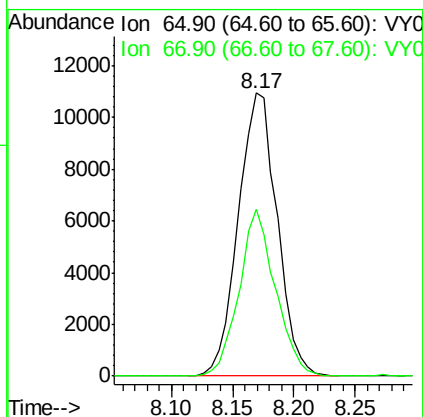
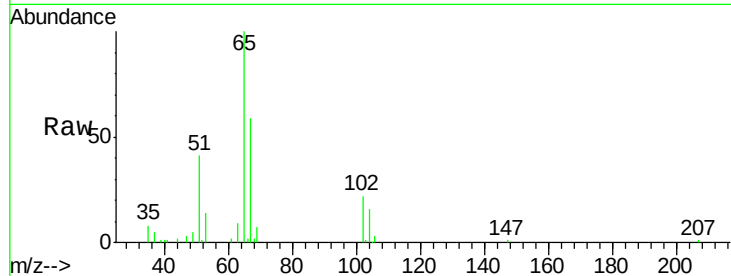




#33
 1,2-Dichloroethane-d4
 Concen: 52.363 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: VY001312.D
 Acq: 20 Jan 2020 21:27

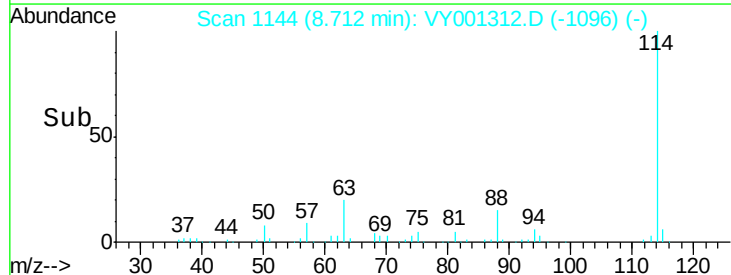
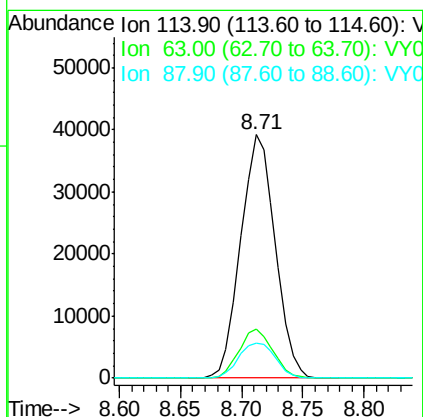
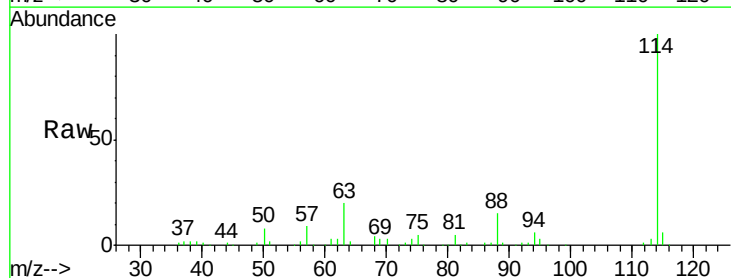
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-8

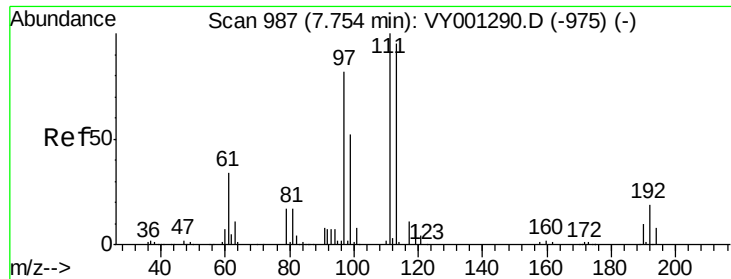
Tot Ion: 65 Resp: 24177
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: VY001312.D
 Acq: 20 Jan 2020 21:27

Tgt Ion: 114 Resp: 76849
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 14.6 0.0 32.4

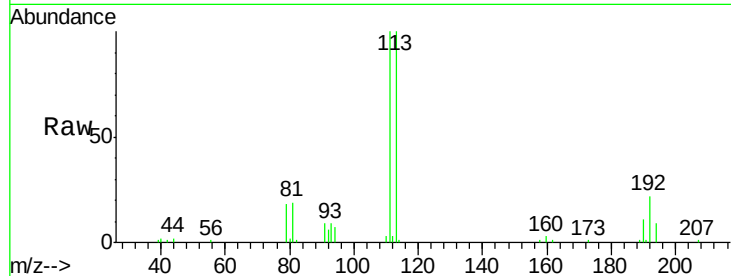




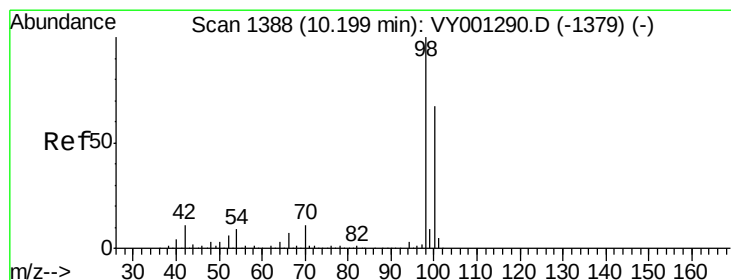
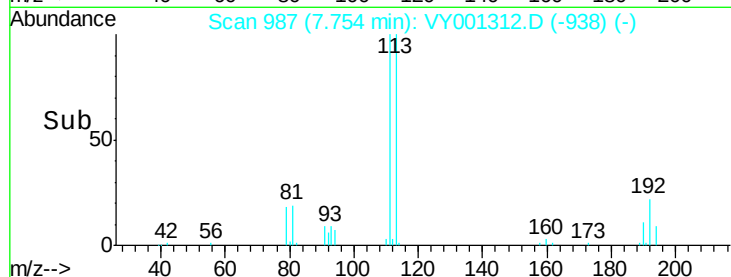
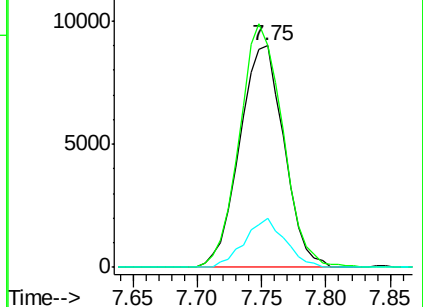
#35
 Dibromofluoromethane
 Concen: 47.721 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VY001312.D
 Acq: 20 Jan 2020 21:27

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-8

Tot Ion:113 Resp: 21472
 Ion Ratio Lower Upper
 113 100
 111 107.2 82.9 124.3
 192 20.1 15.4 23.2

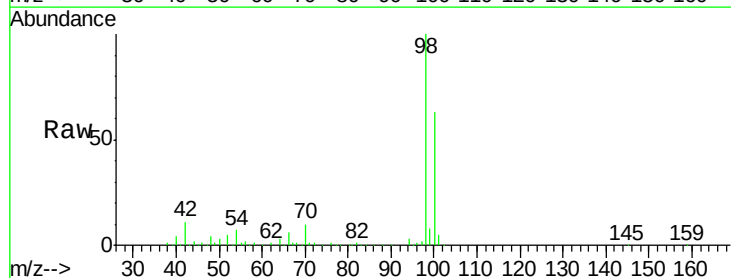


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

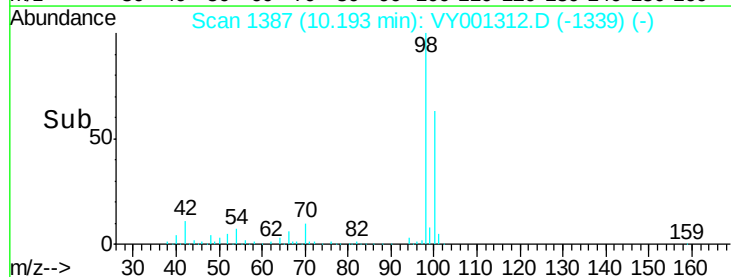
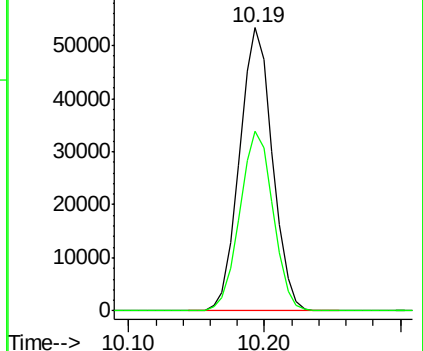


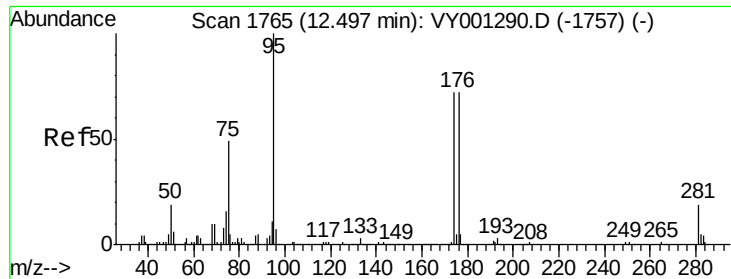
#50
 Toluene-d8
 Concen: 51.885 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VY001312.D
 Acq: 20 Jan 2020 21:27

Tgt Ion: 98 Resp: 89955
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.735 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001312.D

Acq: 20 Jan 2020 21:27

Instrument :

MSVOA_Y

ClientSampled :

EP-8

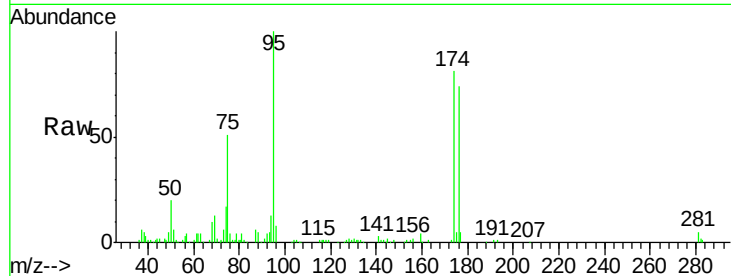
Tot Ion: 95 Resp: 32417

Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.2

176 70.3 0.0 136.0



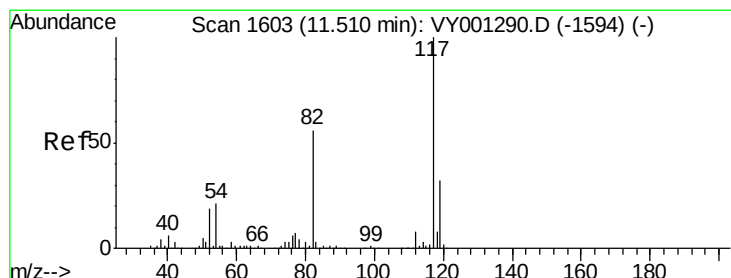
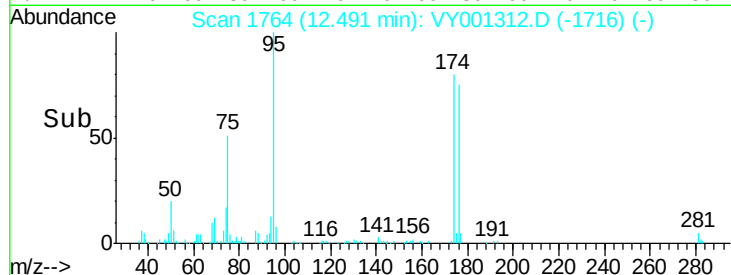
Abundance Ion 94.90 (94.60 to 95.60): VY001290.D (-1757) (-)

Ion 173.80 (173.50 to 174.50): VY001290.D (-1757) (-)

Ion 175.80 (175.50 to 176.50): VY001290.D (-1757) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: VY001312.D

Acq: 20 Jan 2020 21:27

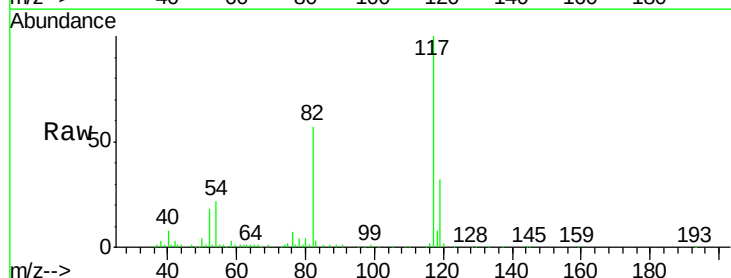
Tgt Ion: 117 Resp: 66691

Ion Ratio Lower Upper

117 100

82 57.2 44.9 67.3

119 32.3 25.7 38.5



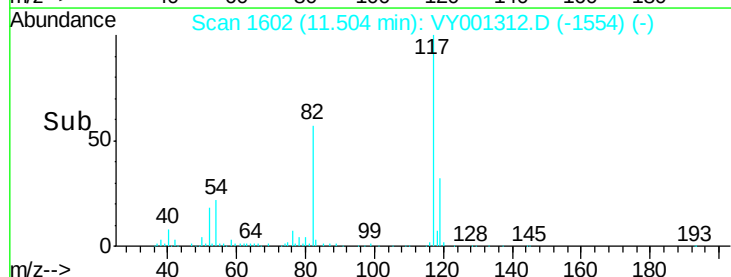
Abundance Ion 116.90 (116.60 to 117.60): VY001290.D (-1594) (-)

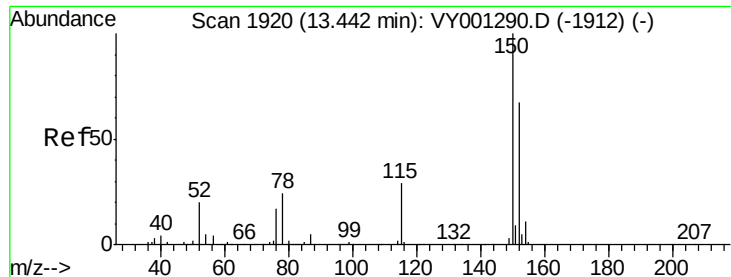
Ion 82.00 (81.70 to 82.70): VY001290.D (-1594) (-)

Ion 118.90 (118.60 to 119.60): VY001290.D (-1594) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VY001312.D

Acq: 20 Jan 2020 21:27

Instrument :

MSVOA_Y

ClientSampleId :

EP-8

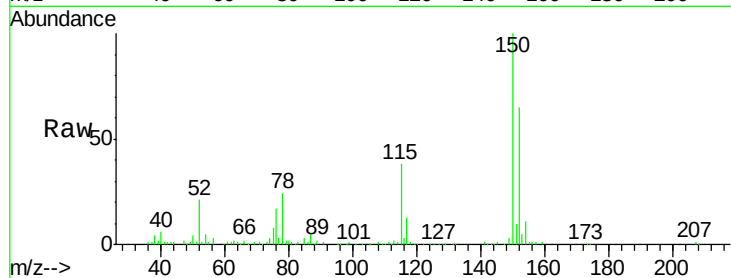
Tot Ion:152 Resp: 31133

Ion Ratio Lower Upper

152 100

115 62.6 30.9 92.5

150 155.9 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

