

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001316.D
 Acq On : 20 Jan 2020 22:56
 Operator : SY/MD
 Sample : L1211-03
 Misc : 7.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1-15-30

Quant Time: Jan 21 08:26:52 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

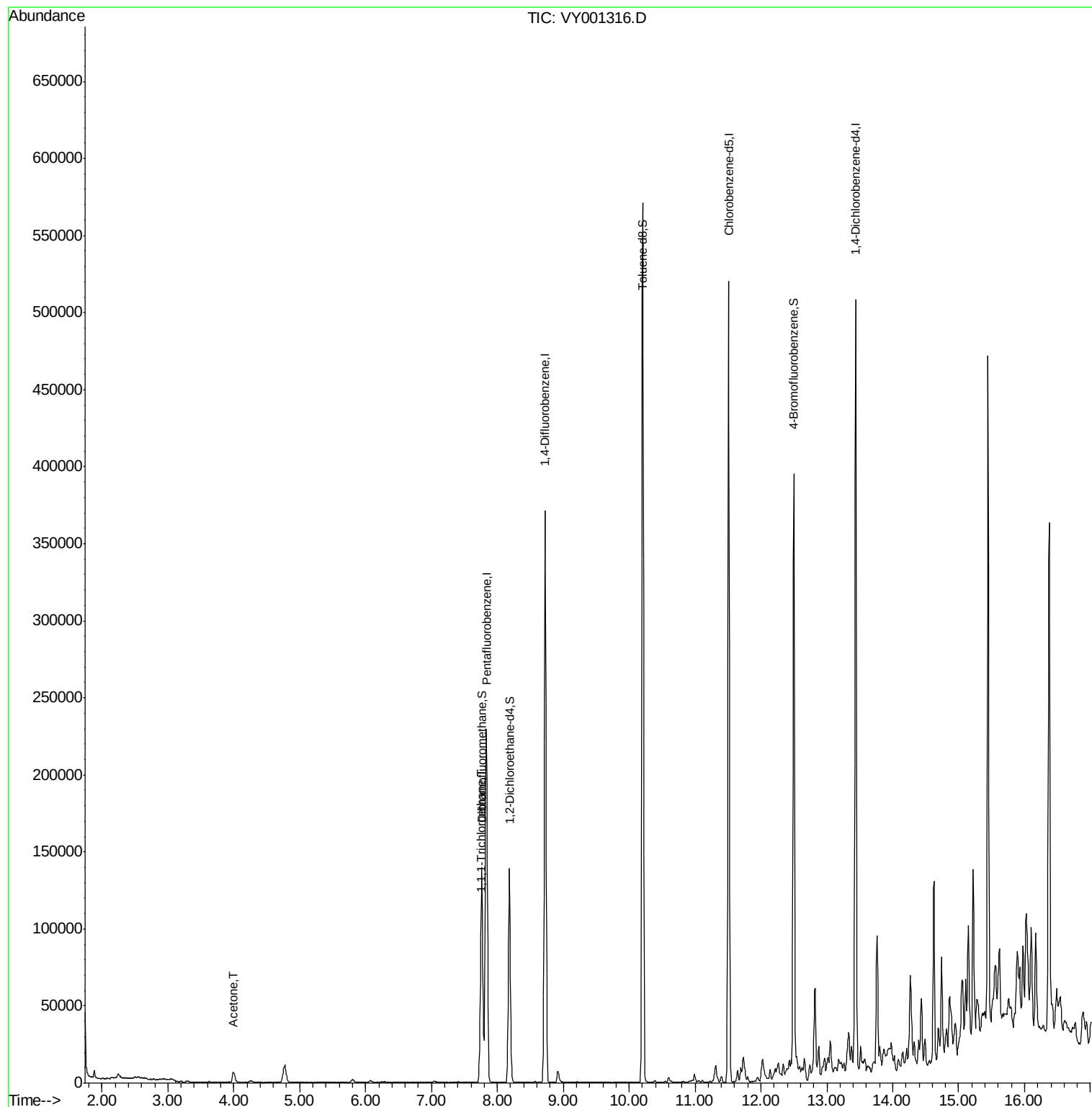
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	177059	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	315574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	279128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	121873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	101445	54.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.50%	
35) Dibromofluoromethane	7.76	113	92824	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.21	98	369733	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.50	95	129107	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	3.99	43	12262	28.234	ug/l	95
32) 1,1,1-Trichloroethane	7.74	97	8331	2.805	ug/l	96

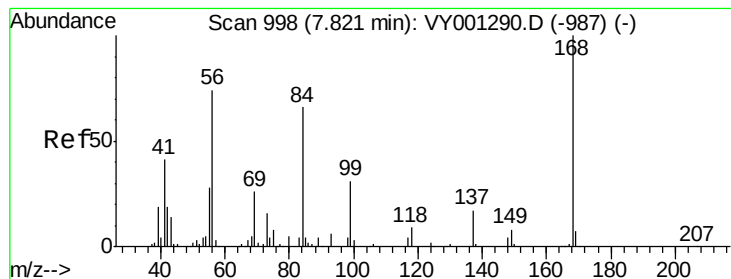
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.01 min

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ClientSampleId :

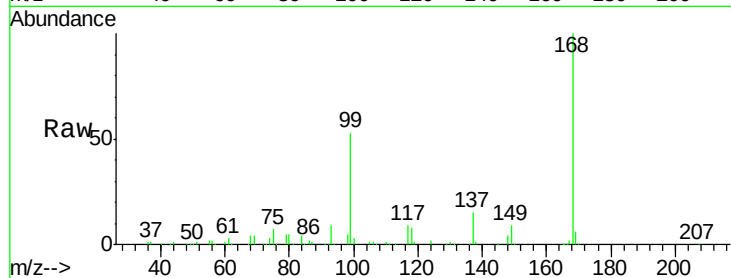
B1-15-30

Tot Ion:168 Resp: 177059

Ion Ratio Lower Upper

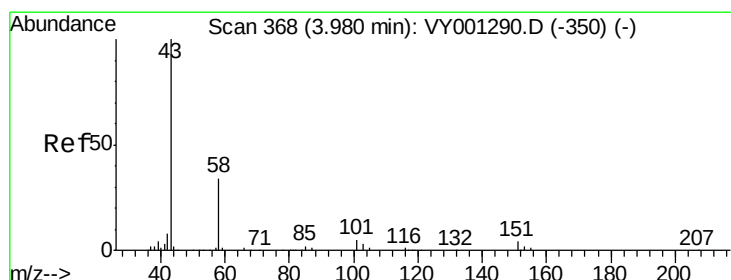
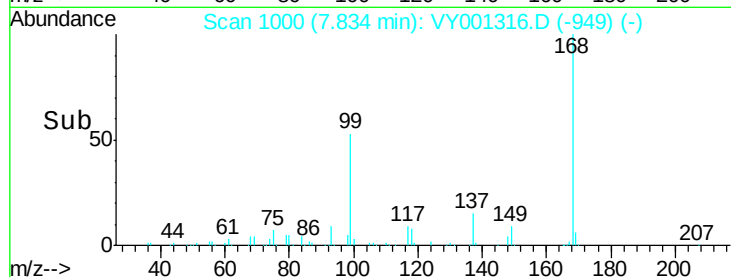
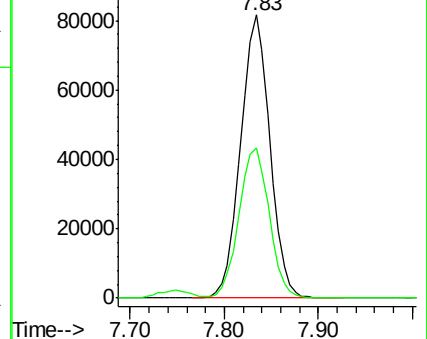
168 100

99 52.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001316.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001316.D (-949) (-)



#16

Acetone

Concen: 28.234 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001316.D

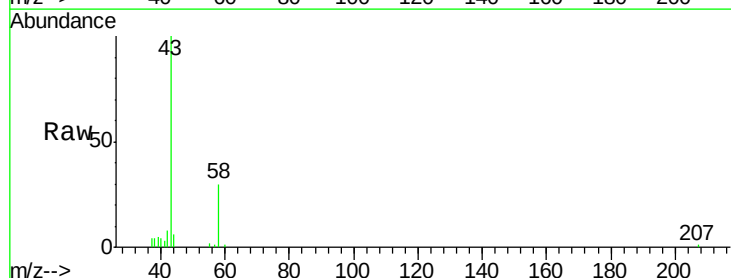
Acq: 20 Jan 2020 22:56

Tgt Ion: 43 Resp: 12262

Ion Ratio Lower Upper

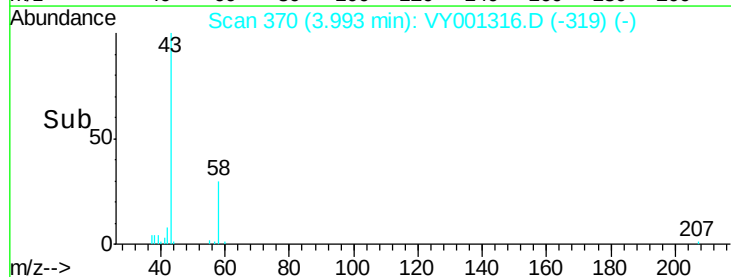
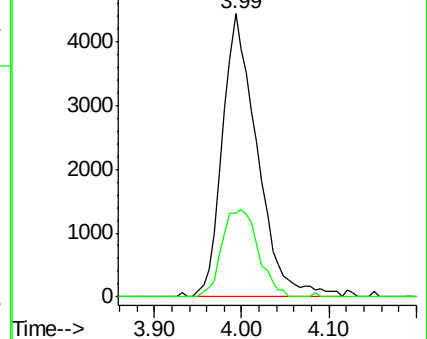
43 100

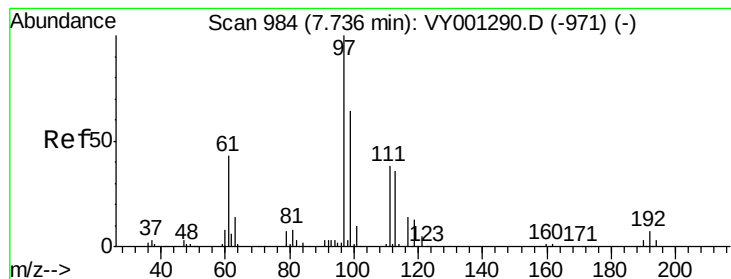
58 29.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001316.D (-319) (-)

Ion 58.00 (57.70 to 58.70): VY001316.D (-319) (-)





#32

1,1,1-Trichloroethane

Concen: 2.805 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

Instrument :

MSVOA_Y

ClientSampleId :

B1-15-30

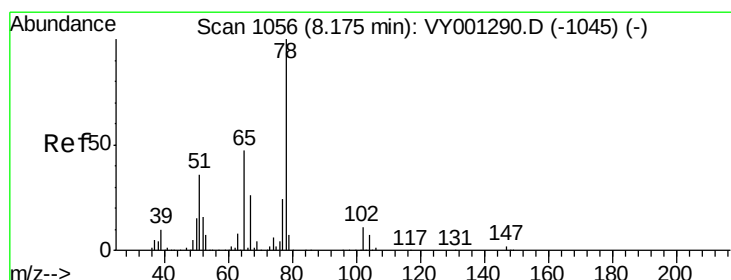
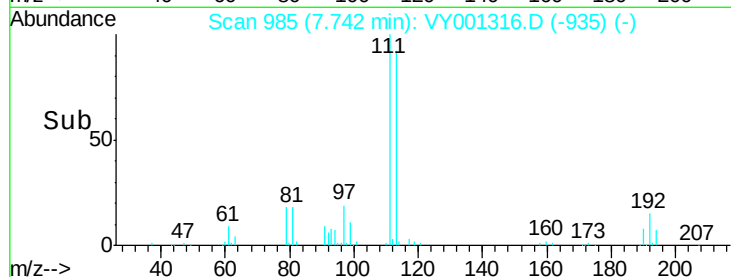
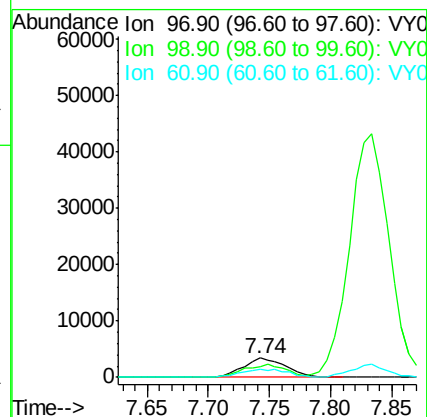
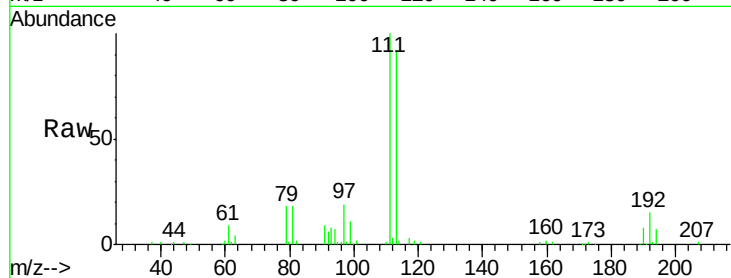
Tot Ion: 97 Resp: 8331

Ion Ratio Lower Upper

97 100

99 66.5 51.3 76.9

61 46.6 34.6 52.0



#33

1,2-Dichloroethane-d4

Concen: 54.247 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.01 min

Lab File: VY001316.D

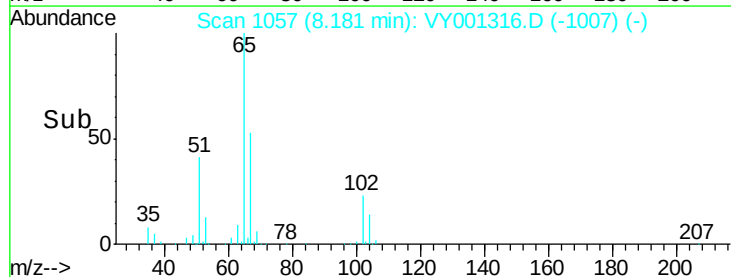
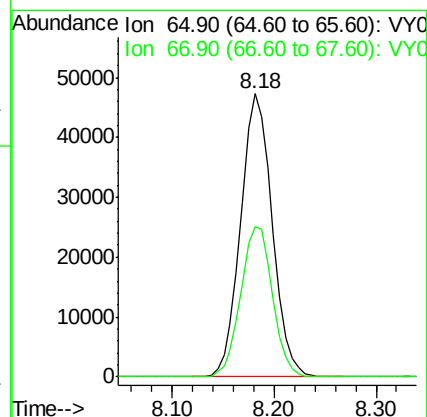
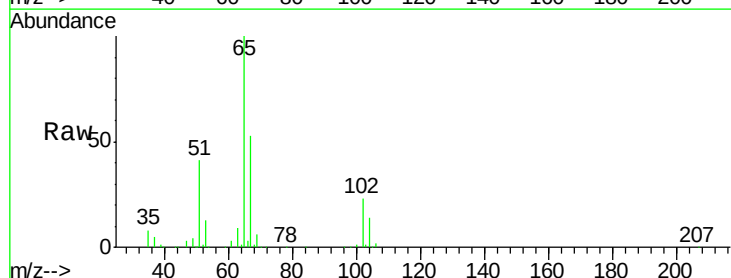
Acq: 20 Jan 2020 22:56

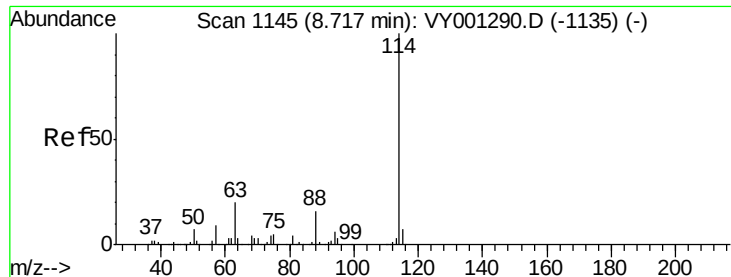
Tgt Ion: 65 Resp: 101445

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.2

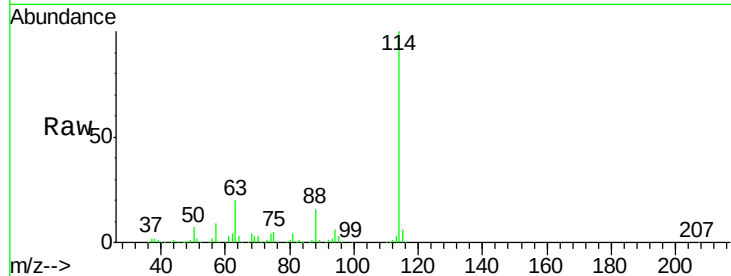




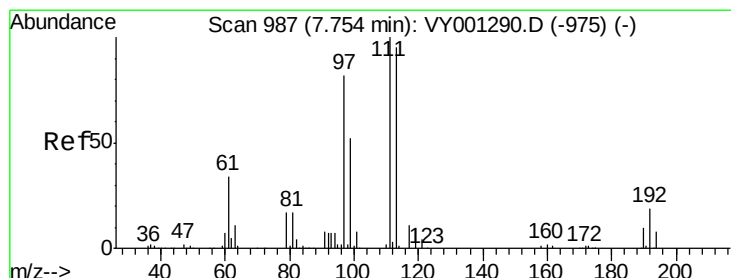
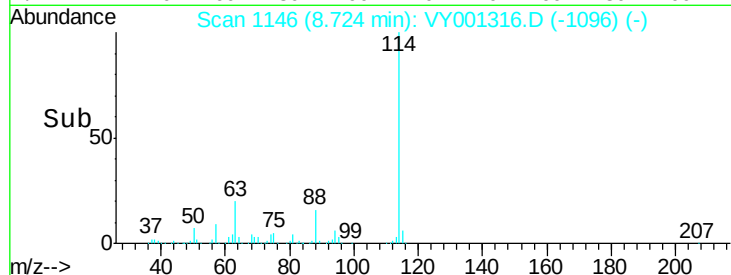
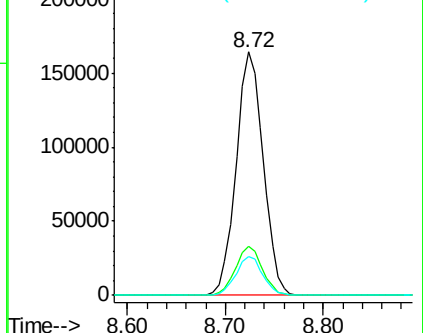
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001316.D
 Acq: 20 Jan 2020 22:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1-15-30

Tot Ion:114 Resp: 315574
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 16.1 0.0 32.4

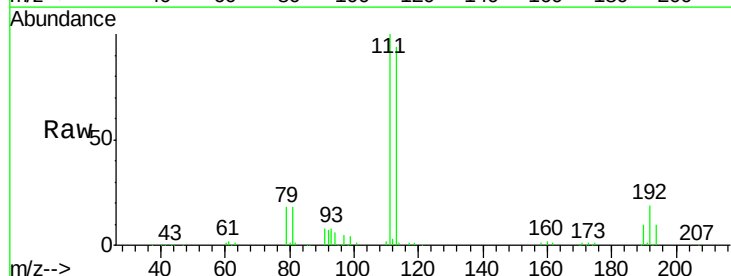


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

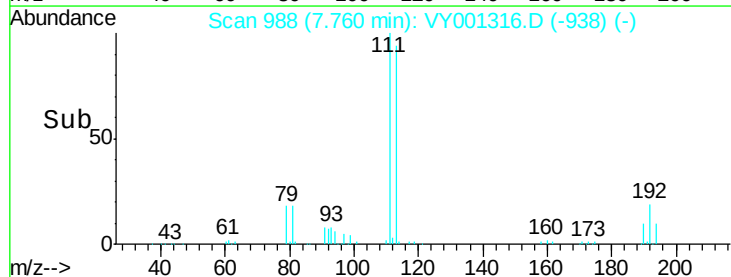
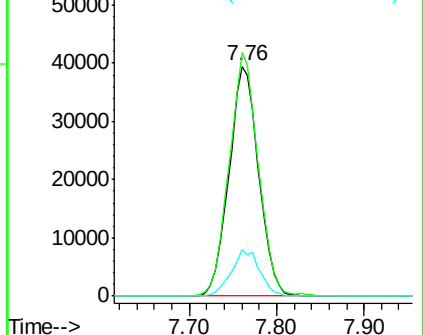


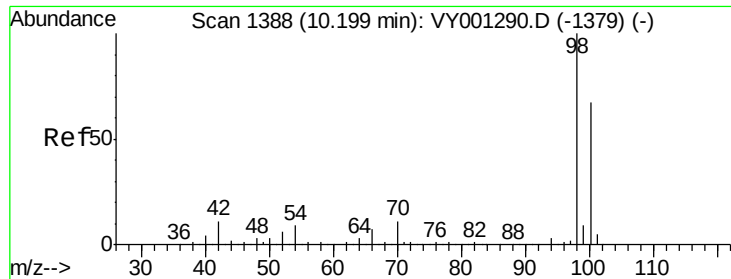
#35
 Dibromofluoromethane
 Concen: 50.238 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VY001316.D
 Acq: 20 Jan 2020 22:56

Tgt Ion:113 Resp: 92824
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 19.5 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: 51.933 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.01 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

Instrument :

MSVOA_Y

ClientSampleId :

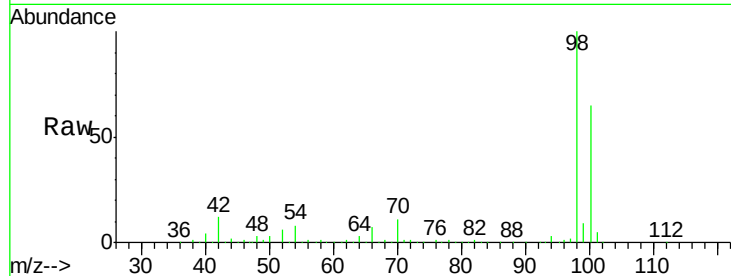
B1-15-30

Tot Ion: 98 Resp: 369733

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

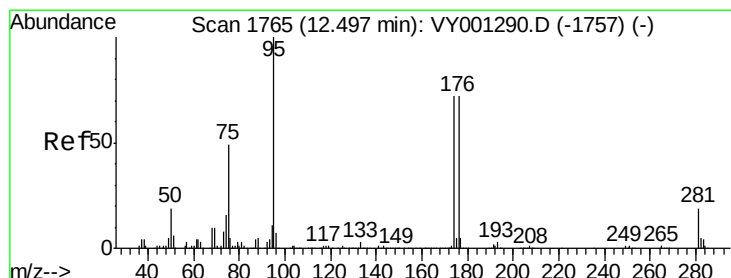
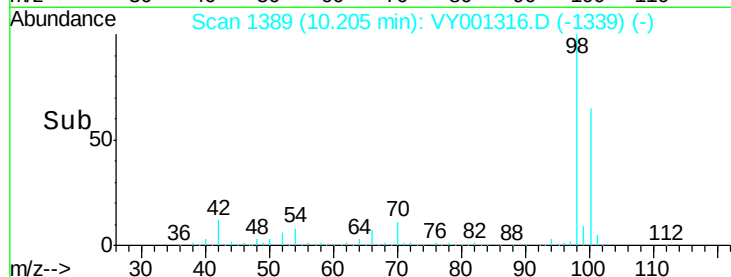
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 44.357 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VY001316.D

Acq: 20 Jan 2020 22:56

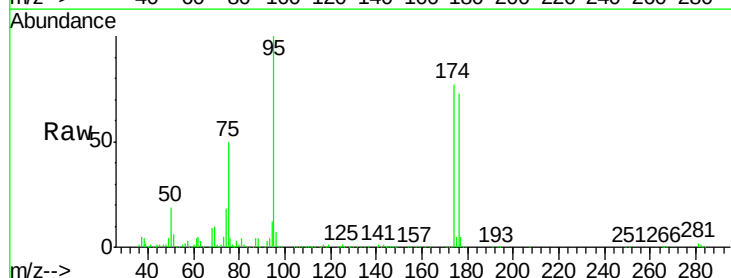
Tgt Ion: 95 Resp: 129107

Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.2

176 72.8 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

20000

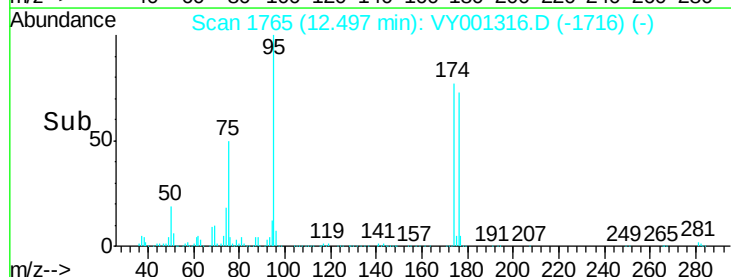
0

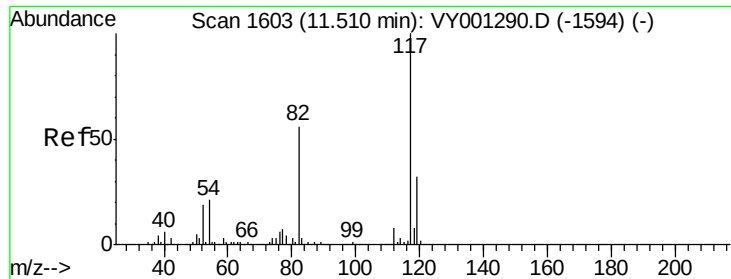
12.45

12.50

12.55

Time-->

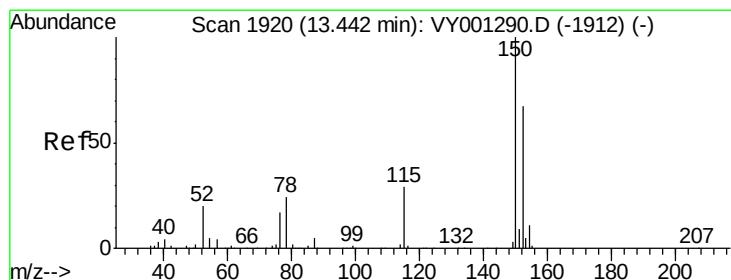
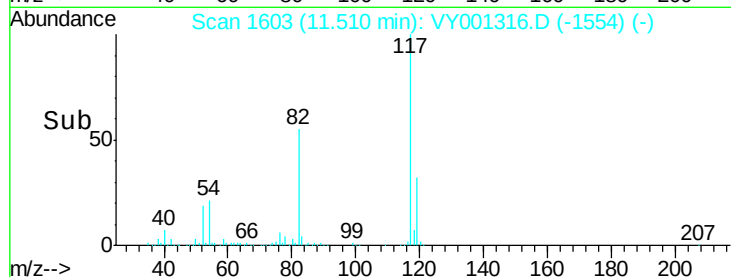
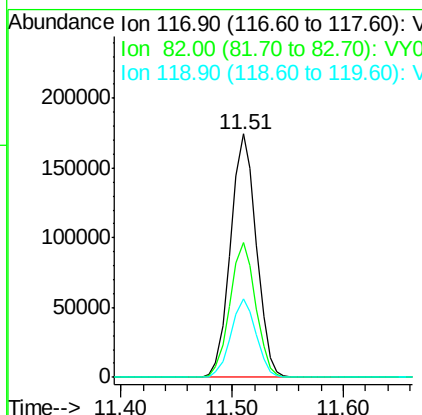
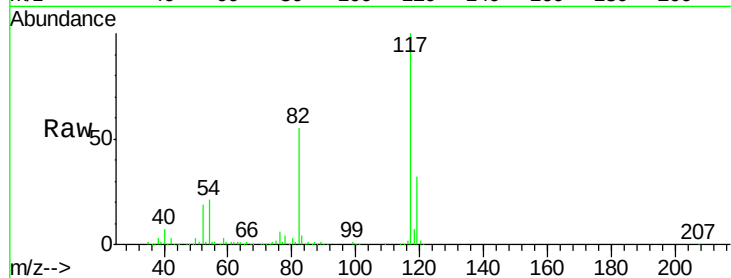




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001316.D
Acq: 20 Jan 2020 22:56

Instrument :
MSVOA_Y
ClientSampleId :
B1-15-30

Tot Ion:117 Resp: 279128
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001316.D
Acq: 20 Jan 2020 22:56

Tgt Ion:152 Resp: 121873
Ion Ratio Lower Upper
152 100
115 59.0 30.9 92.5
150 154.9 0.0 346.8

