

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001357.D
 Acq On : 23 Jan 2020 16:26
 Operator : SY/MD
 Sample : L1241-03
 Misc : 4.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-11

Quant Time: Jan 24 08:01:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

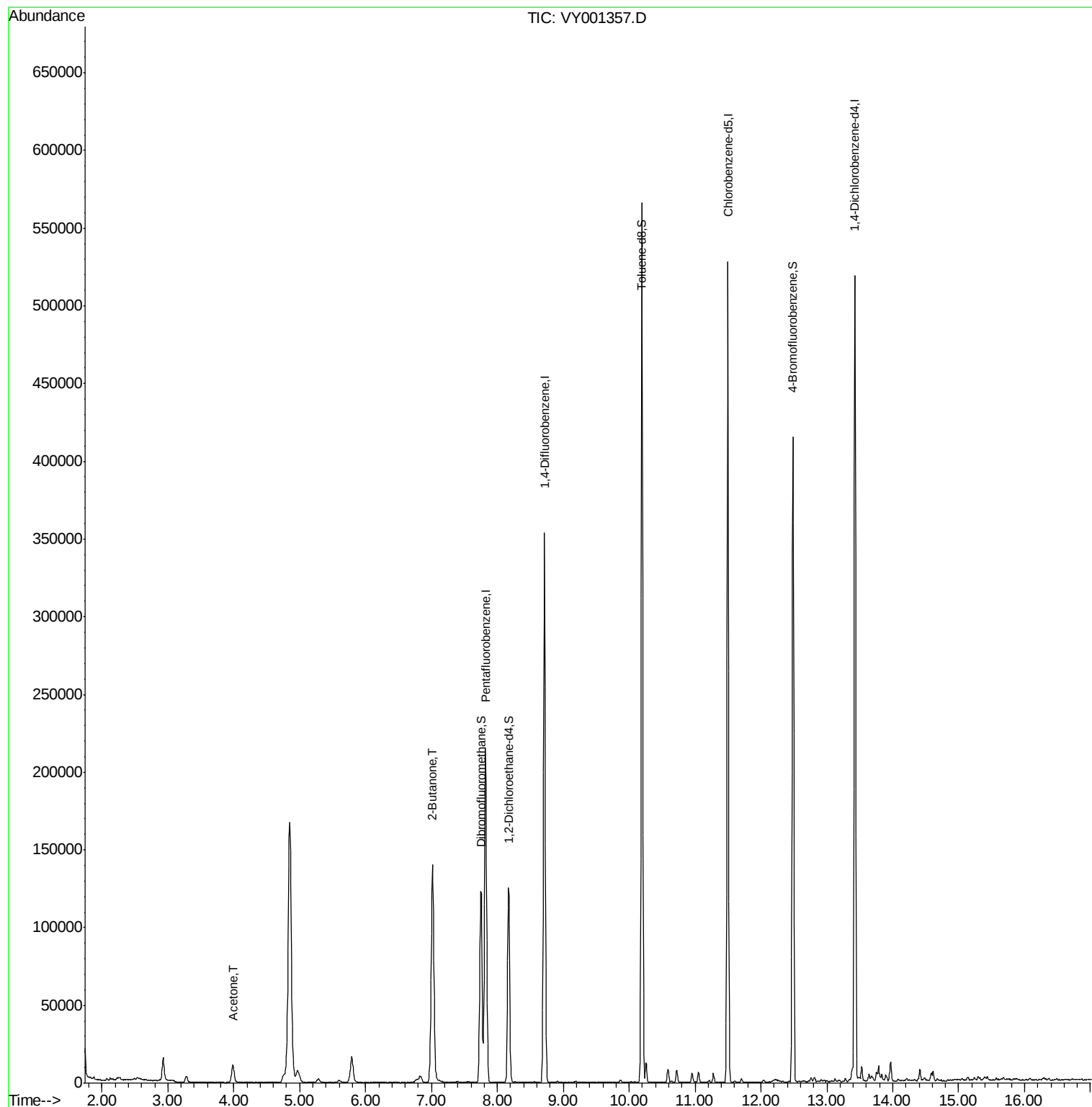
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	304724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	94616	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	7.75	113	90108	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	10.19	98	363905	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.49	95	131849	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	3.99	43	19886	34.817	ug/l	Qvalue 100
25) 2-Butanone	7.01	43	7941	9.992	ug/l #	76

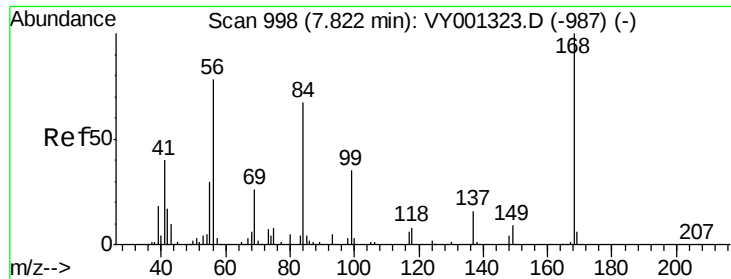
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001357.D

Acq: 23 Jan 2020 16:26

Instrument :

MSVOA_Y

ClientSampled :

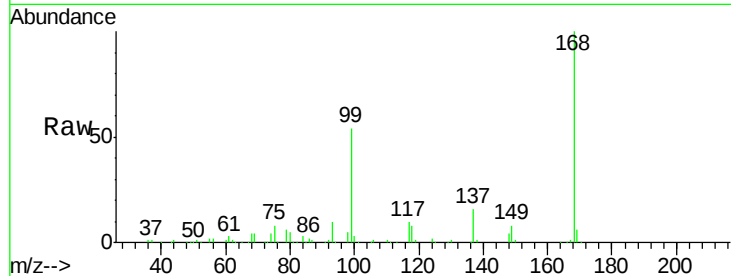
EP-11

Tot Ion:168 Resp: 167809

Ion Ratio Lower Upper

168 100

99 54.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

80000

60000

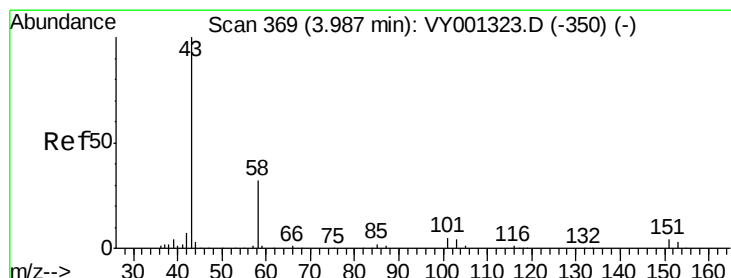
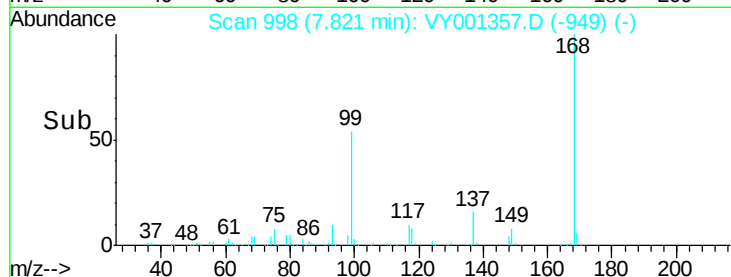
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 34.817 ug/l

RT: 3.99 min Scan# 369

Delta R.T. -0.00 min

Lab File: VY001357.D

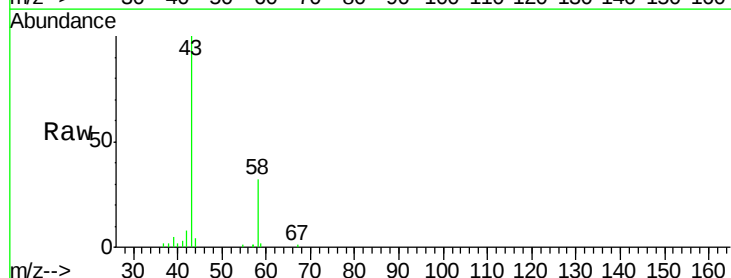
Acq: 23 Jan 2020 16:26

Tgt Ion: 43 Resp: 19886

Ion Ratio Lower Upper

43 100

58 31.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)

3.99

8000

6000

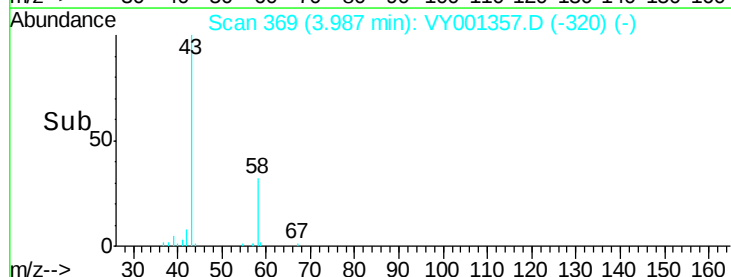
4000

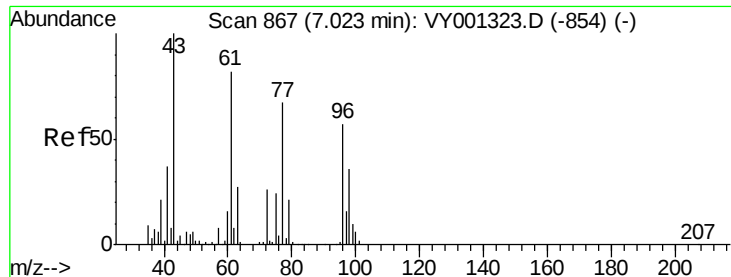
2000

0

Time-->

3.90 4.00 4.10





#25

2-Butanone

Concen: 9.992 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001357.D

Acq: 23 Jan 2020 16:26

Instrument :

MSVOA_Y

ClientSampled :

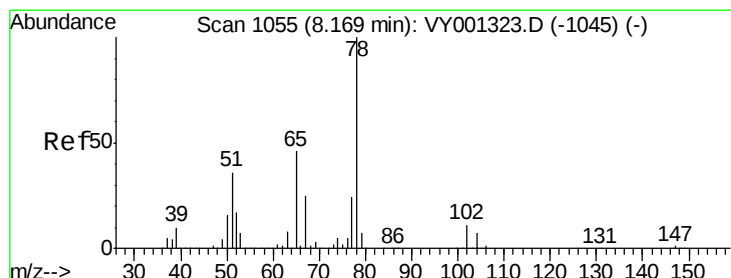
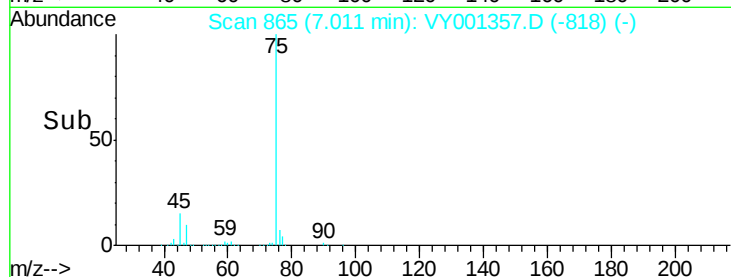
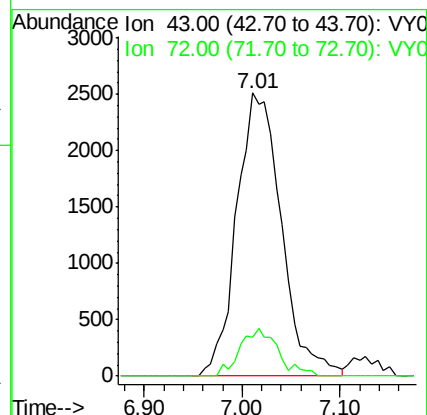
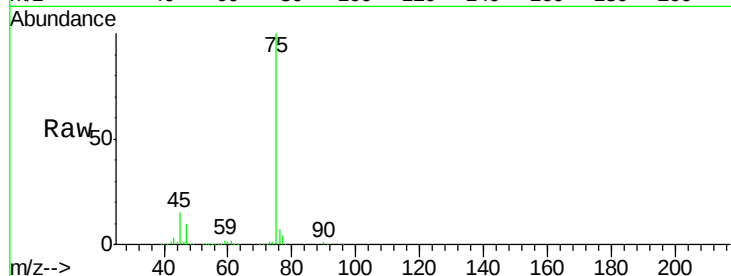
EP-11

Tot Ion: 43 Resp: 7941

Ion Ratio Lower Upper

43 100

72 13.6 20.6 31.0#



#33

1,2-Dichloroethane-d4

Concen: 51.816 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001357.D

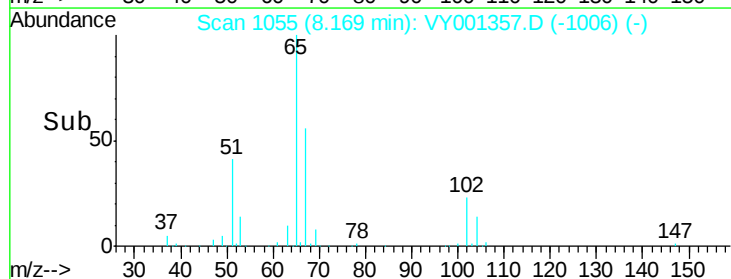
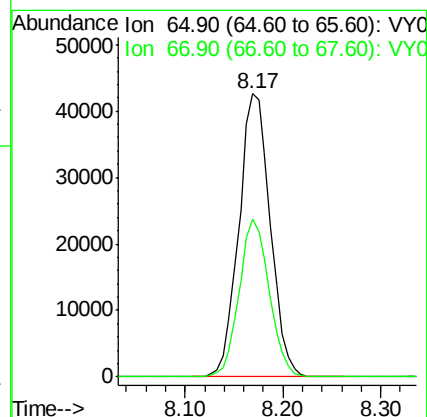
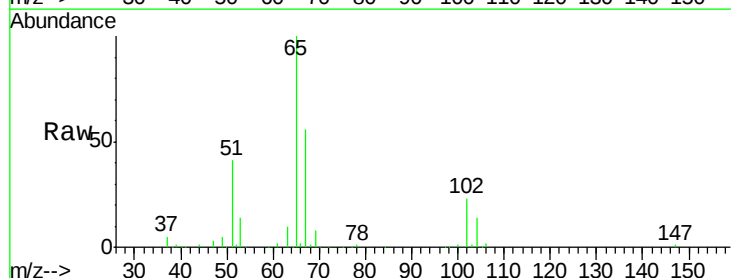
Acq: 23 Jan 2020 16:26

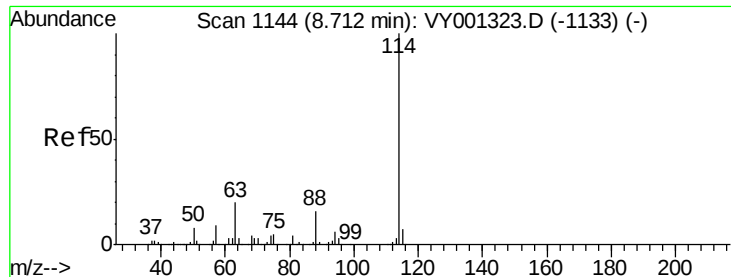
Tgt Ion: 65 Resp: 94616

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.6

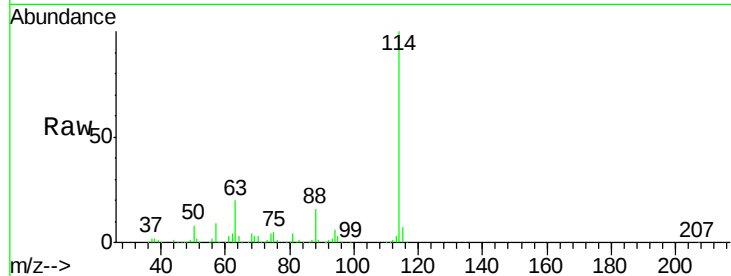




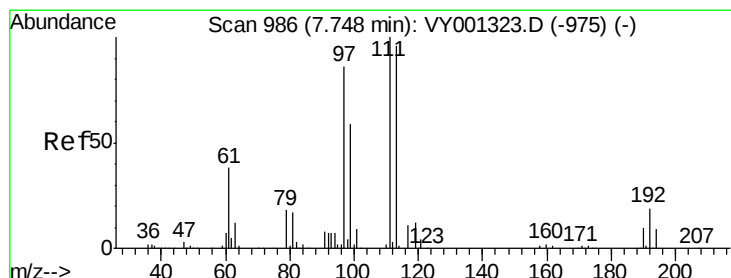
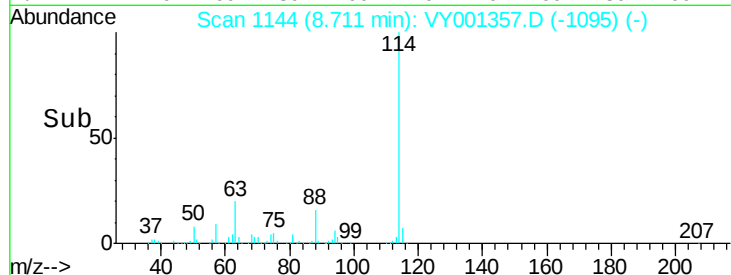
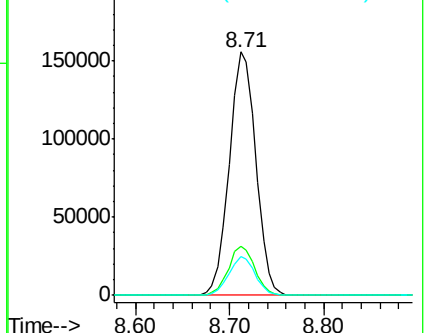
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001357.D
 Acq: 23 Jan 2020 16:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-11

Tot Ion:114 Resp: 304724
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.0 0.0 31.0

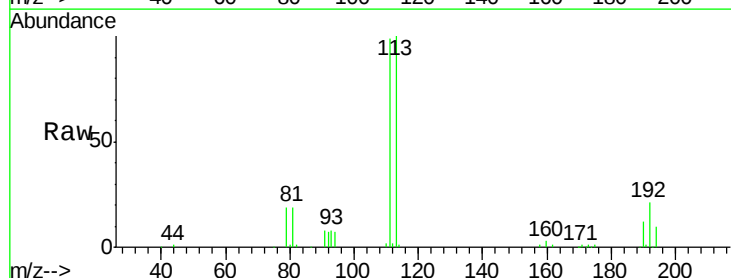


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

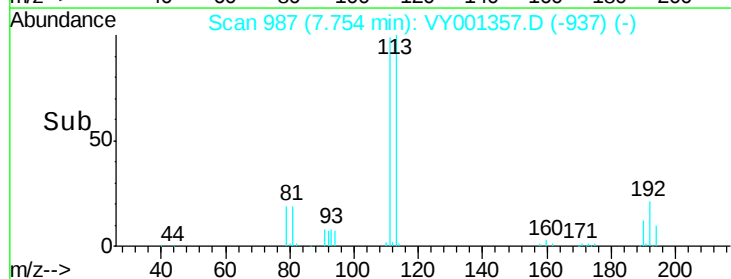
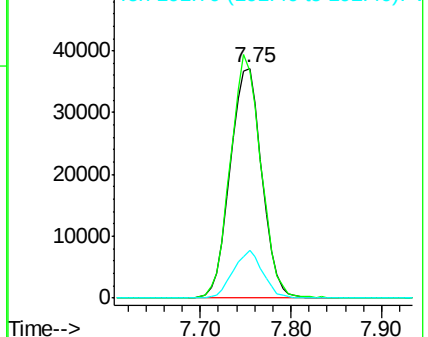


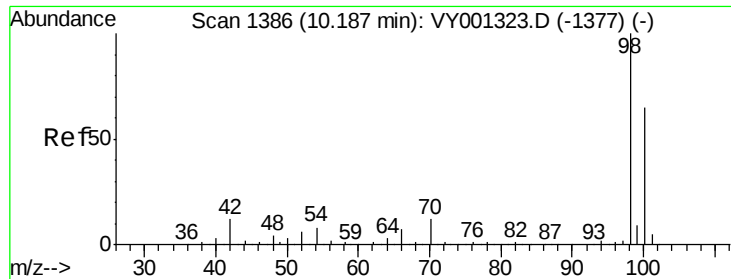
#35
 Dibromofluoromethane
 Concen: 50.383 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001357.D
 Acq: 23 Jan 2020 16:26

Tgt Ion:113 Resp: 90108
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 19.3 15.5 23.3



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: 52.371 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001357.D

Acq: 23 Jan 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

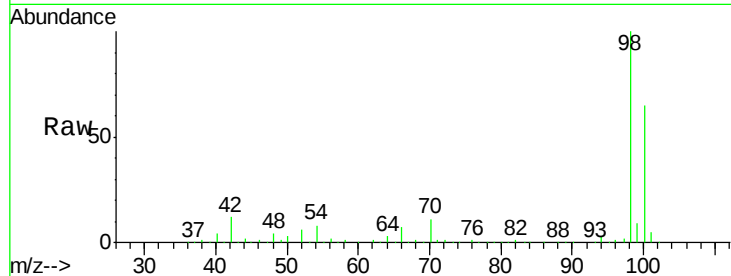
EP-11

Tot Ion: 98 Resp: 363905

Ion Ratio Lower Upper

98 100

100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

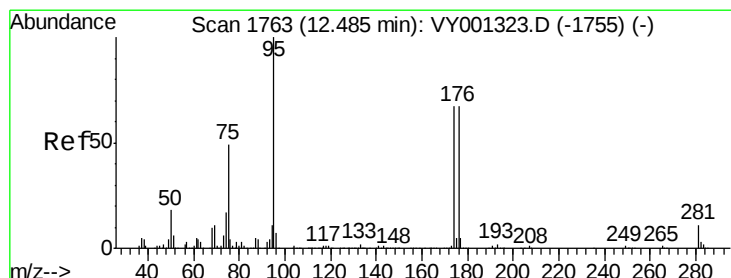
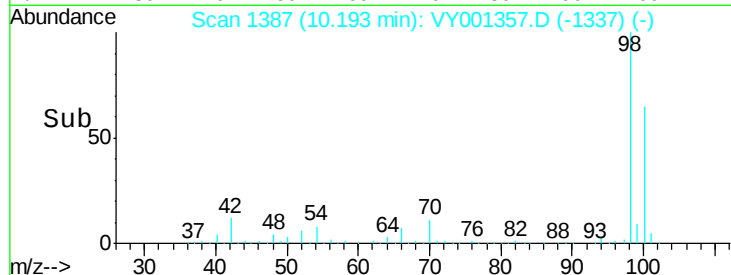
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 47.648 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001357.D

Acq: 23 Jan 2020 16:26

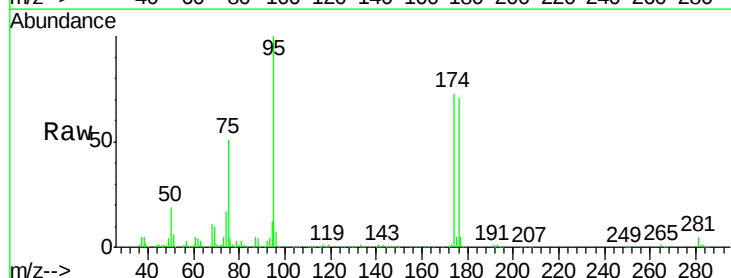
Tgt Ion: 95 Resp: 131849

Ion Ratio Lower Upper

95 100

174 74.9 0.0 142.0

176 71.6 0.0 138.6



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

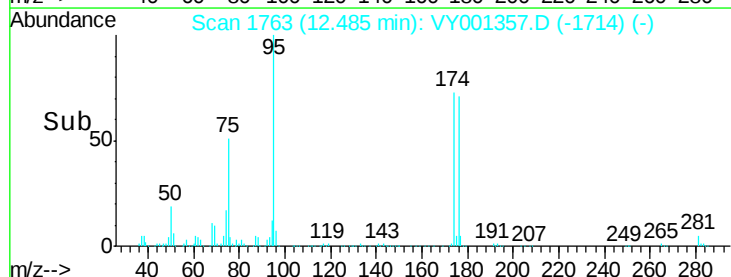
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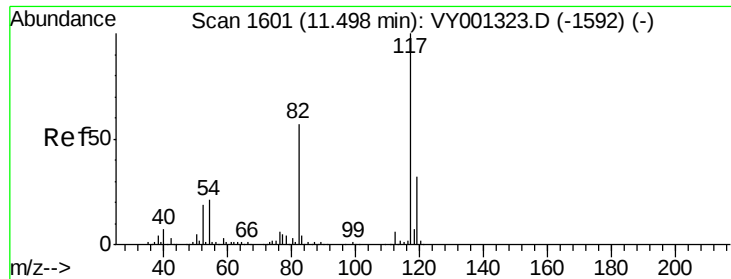
20000

0

12.40 12.50

Time-->

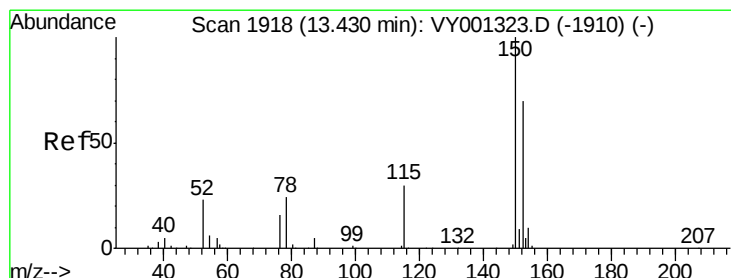
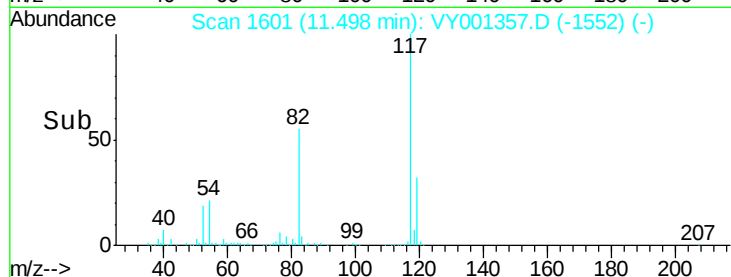
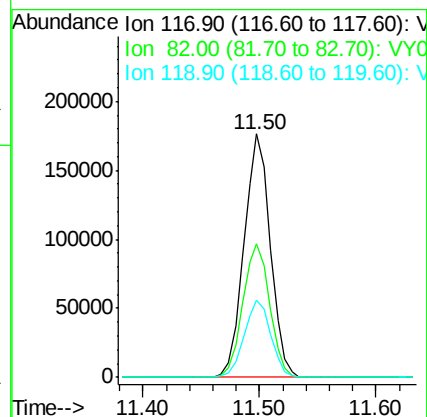
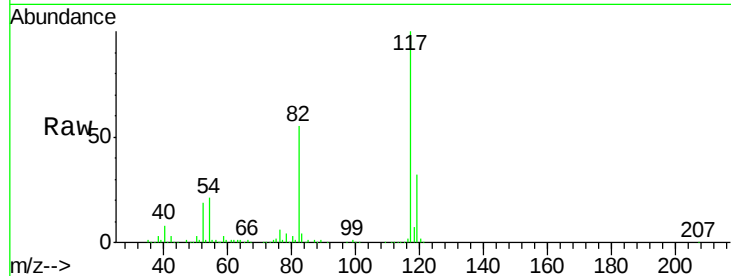




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001357.D
Acq: 23 Jan 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
EP-11

Tot Ion:117 Resp: 277303
Ion Ratio Lower Upper
117 100
82 54.7 45.5 68.3
119 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001357.D
Acq: 23 Jan 2020 16:26

Tgt Ion:152 Resp: 128338
Ion Ratio Lower Upper
152 100
115 60.6 30.9 92.8
150 157.9 0.0 349.2

