

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002431.D
 Acq On : 21 Apr 2020 14:34
 Operator : SY/MD
 Sample : L2284-01
 Misc : 7.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-(4-5)

Quant Time: Apr 21 16:12:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

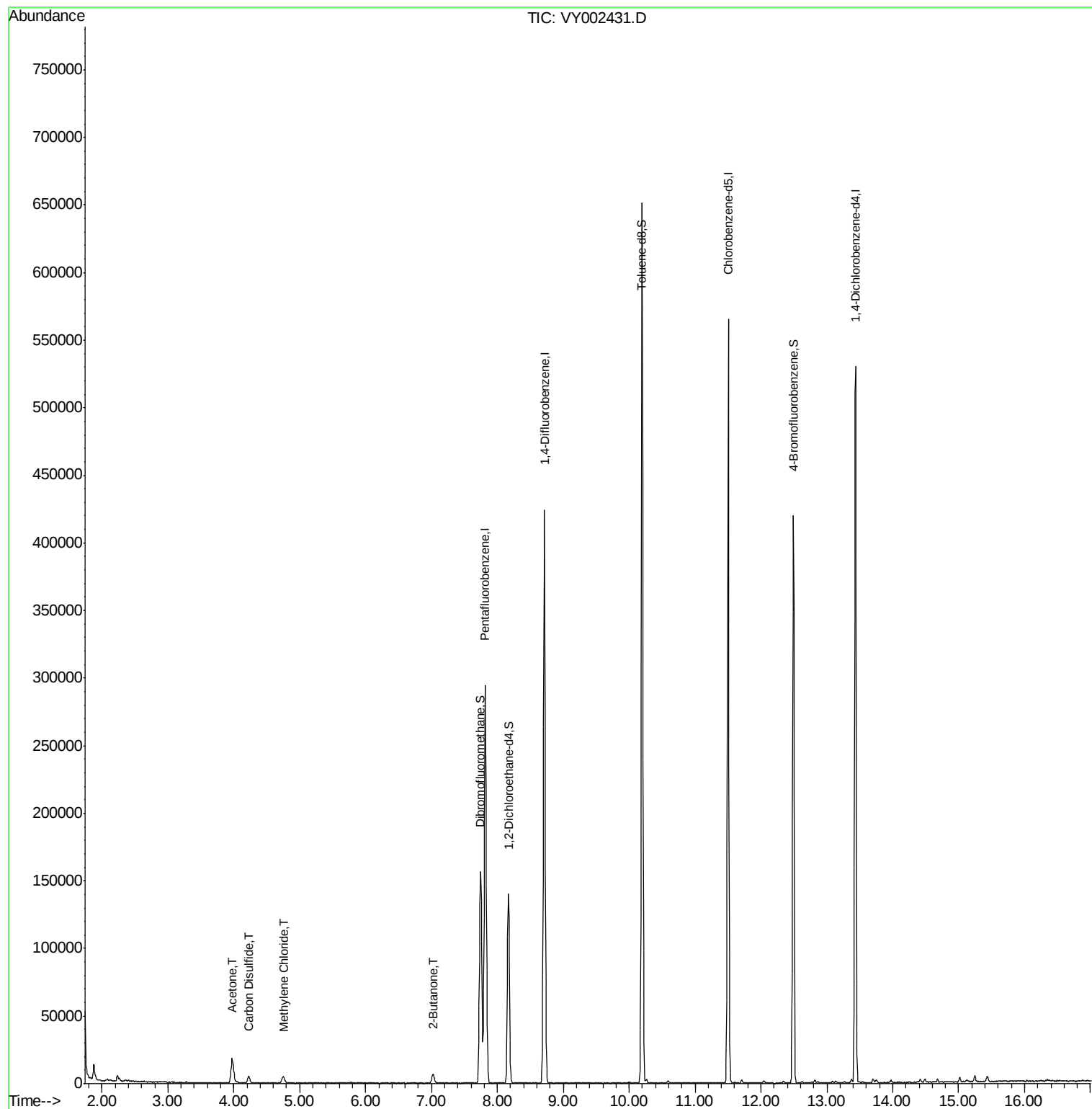
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	246082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	395098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	339079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	149886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	103777	57.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.96%	
35) Dibromofluoromethane	7.74	113	115417	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
50) Toluene-d8	10.19	98	452746	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
62) 4-Bromofluorobenzene	12.49	95	129211	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
16) Acetone	3.97	43	32582	68.122	ug/l	100
17) Carbon Disulfide	4.22	76	9657	1.356	ug/l	97
20) Methylene Chloride	4.75	84	4482	1.675	ug/l #	82
25) 2-Butanone	7.03	43	10896	15.982	ug/l	94

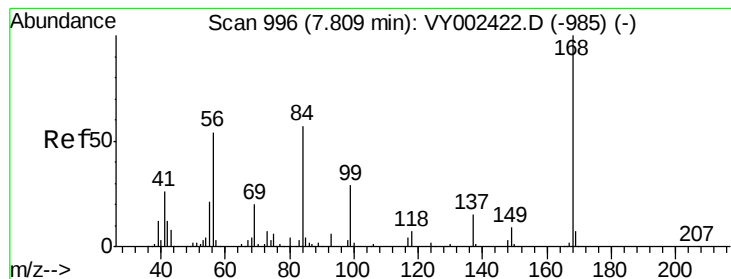
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

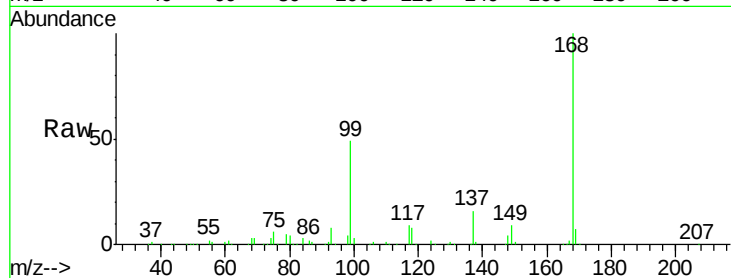
TP-11-(4-5)

Tot Ion:168 Resp: 246082

Ion Ratio Lower Upper

168 100

99 49.0 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.82

120000

100000

80000

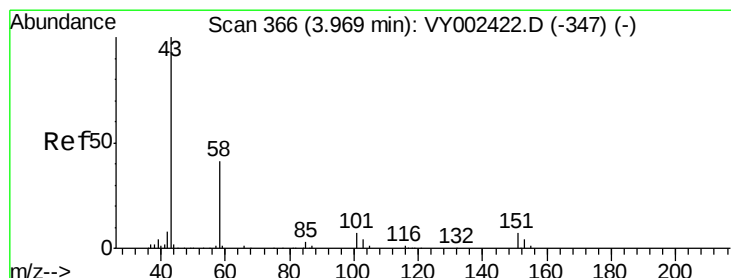
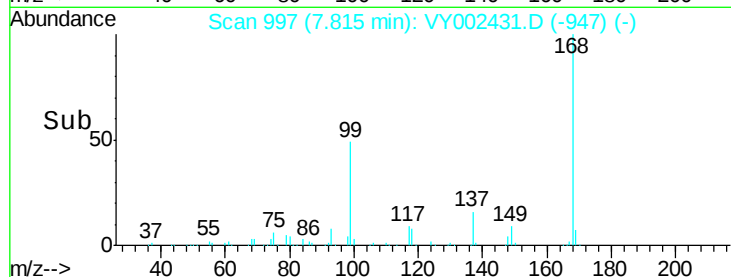
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 68.122 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002431.D

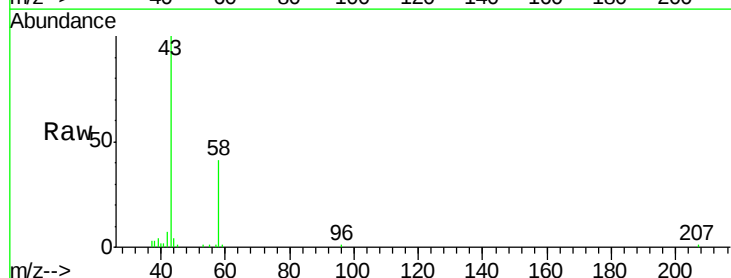
Acq: 21 Apr 2020 14:34

Tgt Ion: 43 Resp: 32582

Ion Ratio Lower Upper

43 100

58 40.7 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.97

12000

10000

8000

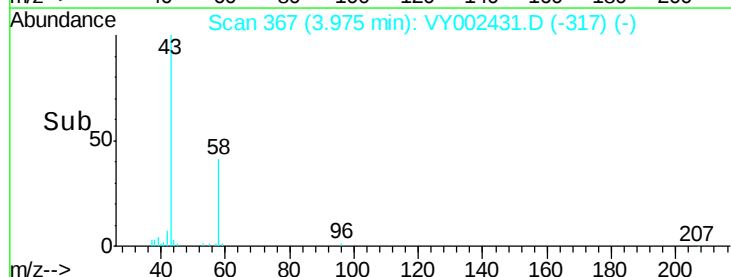
6000

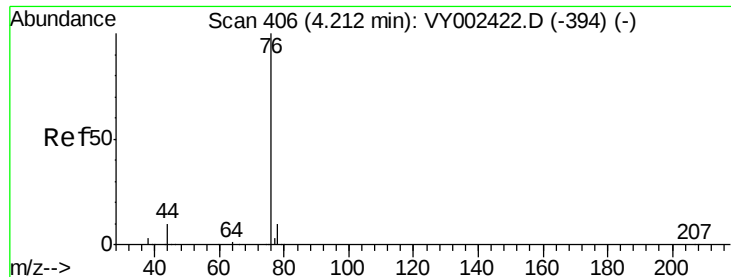
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.356 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

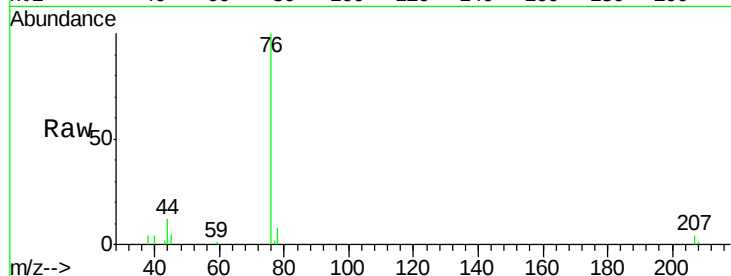
TP-11-(4-5)

Tot Ion: 76 Resp: 9657

Ion Ratio Lower Upper

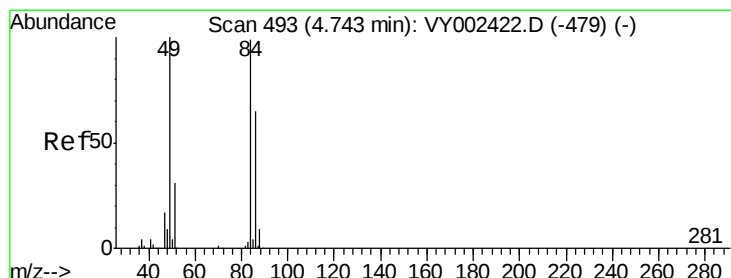
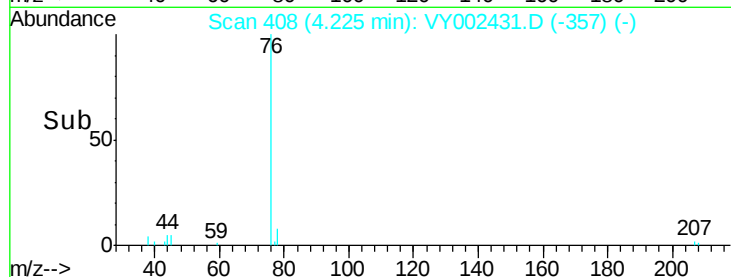
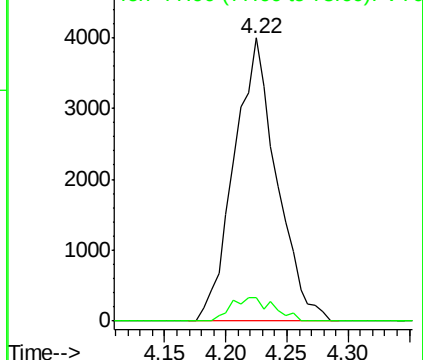
76 100

78 8.4 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 1.675 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.01 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

Tgt Ion: 84 Resp: 4482

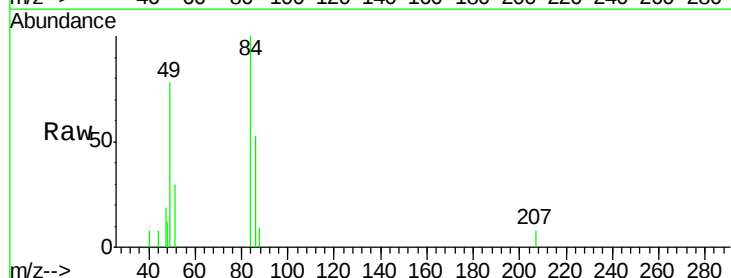
Ion Ratio Lower Upper

84 100

49 77.9 81.0 121.6#

51 30.1 24.9 37.3

86 52.6 52.7 79.1#

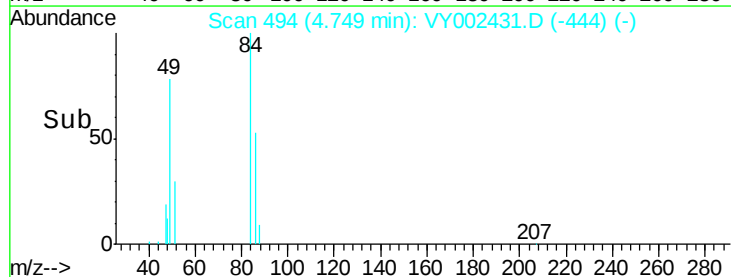
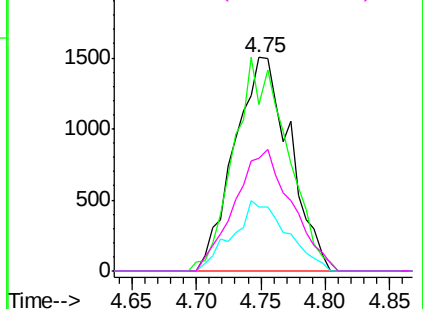


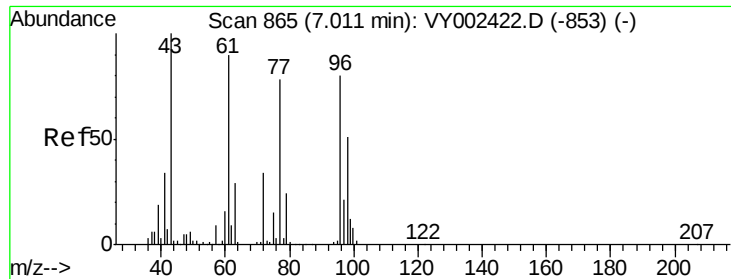
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0





#25

2-Butanone

Concen: 15.982 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.02 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

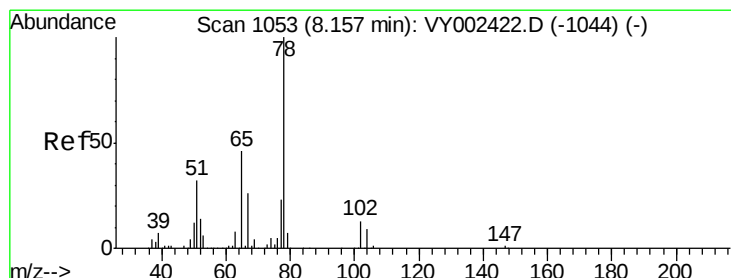
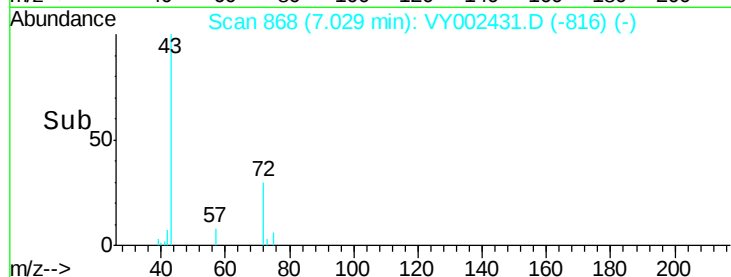
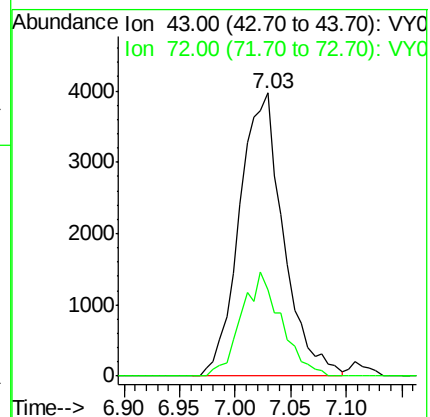
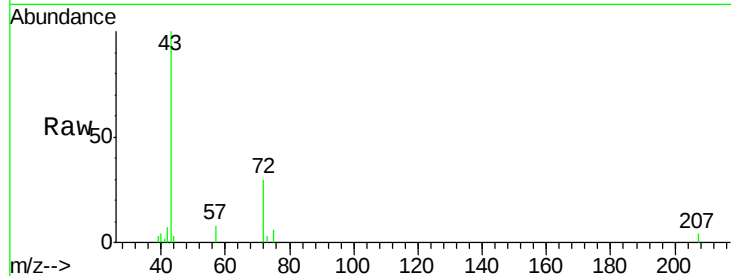
TP-11-(4-5)

Tot Ion: 43 Resp: 10896

Ion Ratio Lower Upper

43 100

72 30.4 27.0 40.6



#33

1,2-Dichloroethane-d4

Concen: 57.983 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002431.D

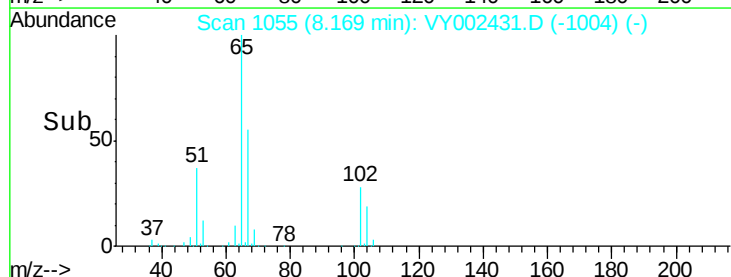
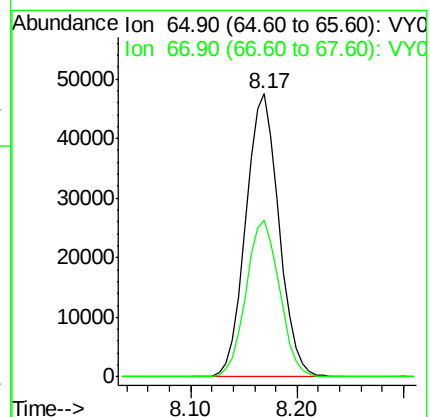
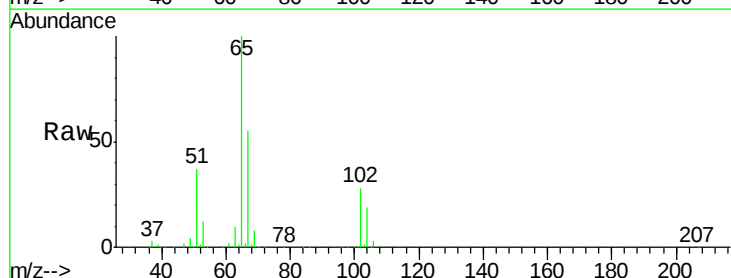
Acq: 21 Apr 2020 14:34

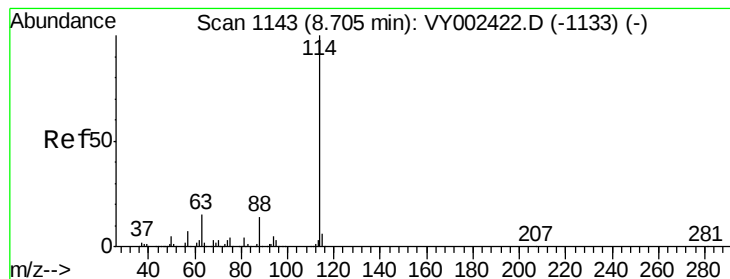
Tgt Ion: 65 Resp: 103777

Ion Ratio Lower Upper

65 100

67 55.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-(4-5)

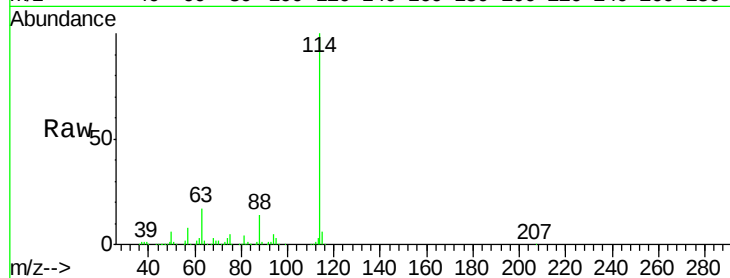
Tot Ion:114 Resp: 395098

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.0

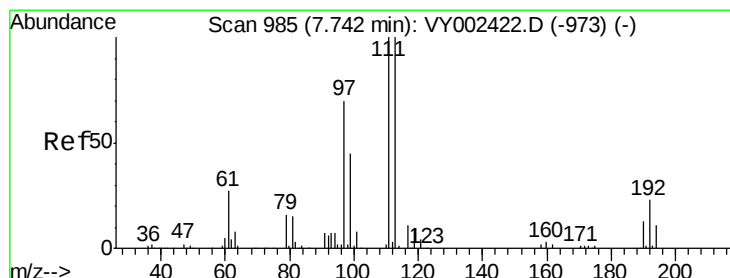
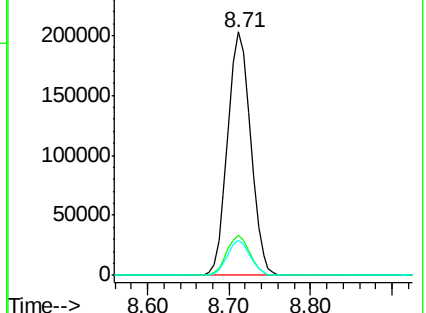
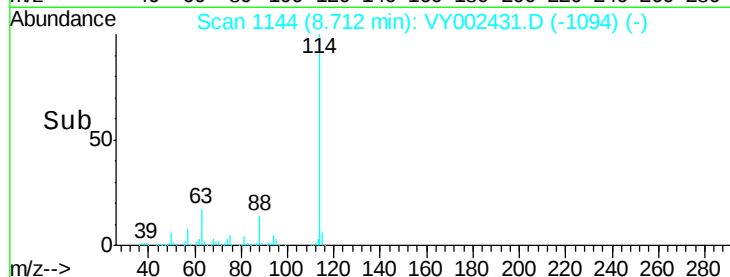
88 14.3 0.0 28.2



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: 55.539 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

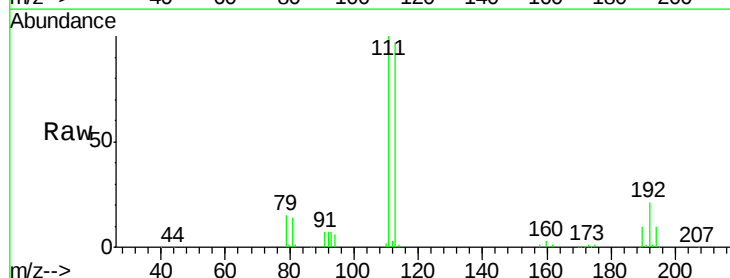
Tgt Ion:113 Resp: 115417

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

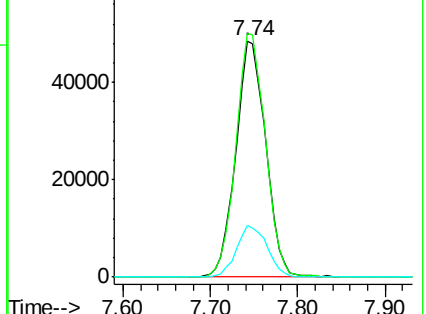
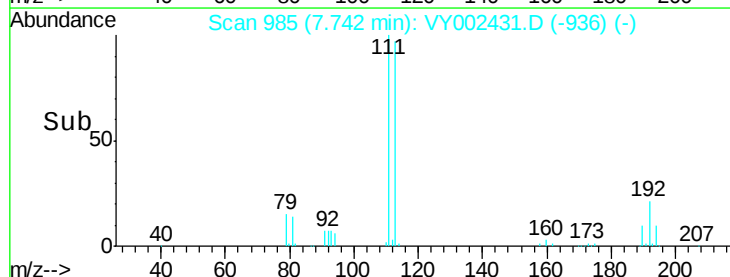
192 22.4 17.8 26.6

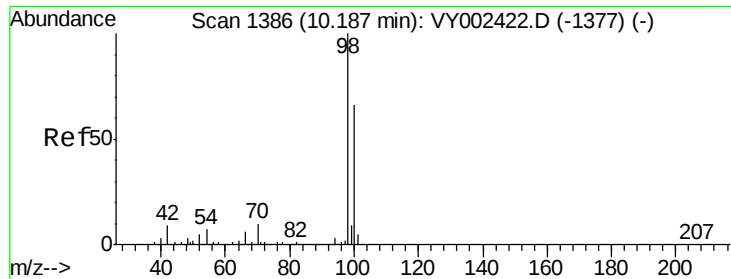


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.865 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

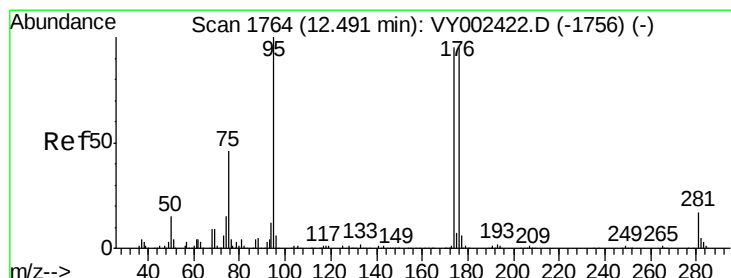
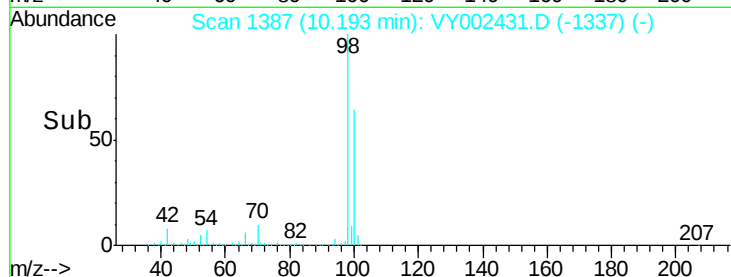
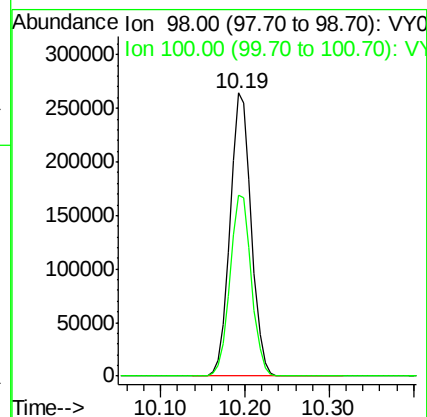
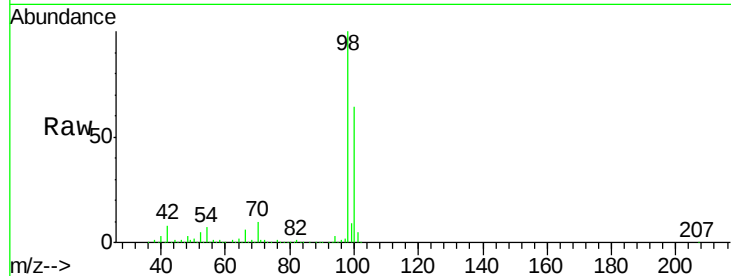
TP-11-(4-5)

Tot Ion: 98 Resp: 452746

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.561 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002431.D

Acq: 21 Apr 2020 14:34

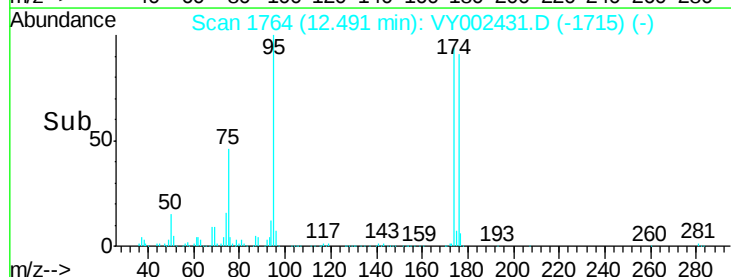
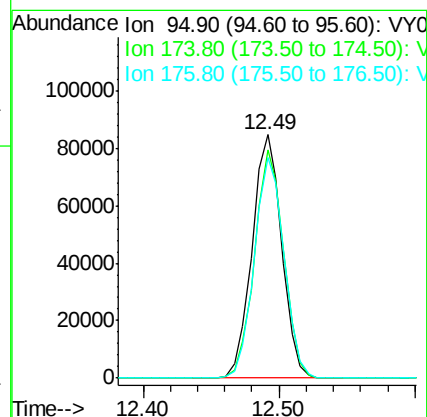
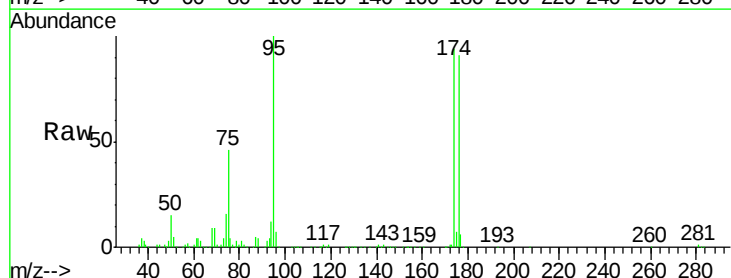
Tgt Ion: 95 Resp: 129211

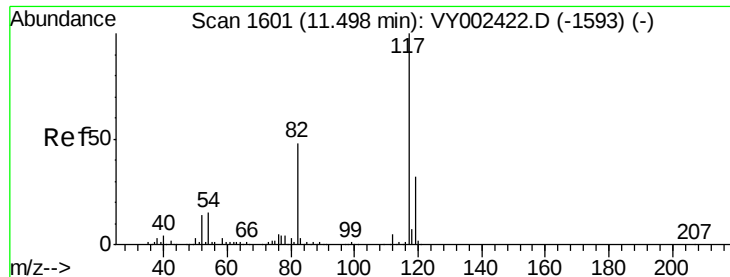
Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.8

176 90.9 0.0 181.2

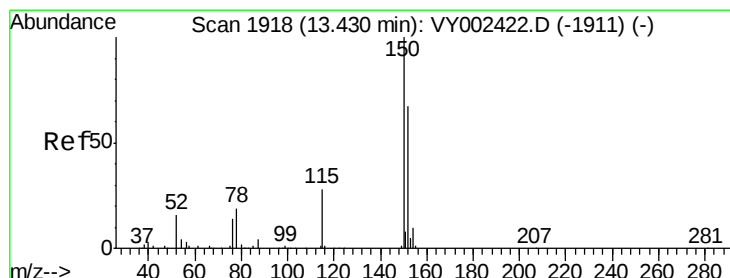
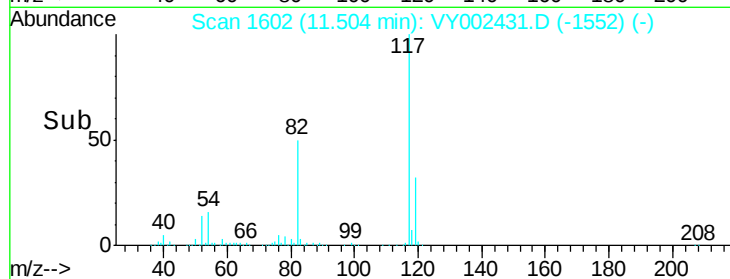
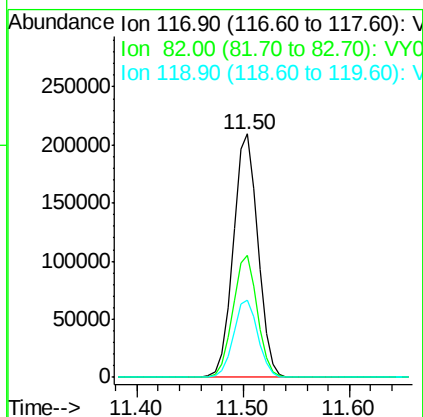
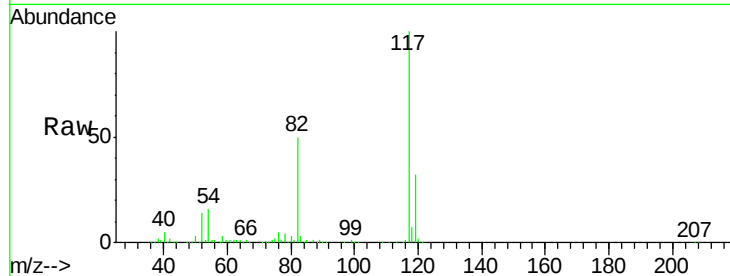




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002431.D
Acq: 21 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
TP-11-(4-5)

Tot Ion:117 Resp: 339079
Ion Ratio Lower Upper
117 100
82 50.3 38.4 57.6
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002431.D
Acq: 21 Apr 2020 14:34

Tgt Ion:152 Resp: 149886
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.8
150 157.1 0.0 344.0

