

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003397.D
 Acq On : 31 Jul 2020 18:21
 Operator : SY/MD
 Sample : L3518-17
 Misc : 3.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Aug 01 02:30:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

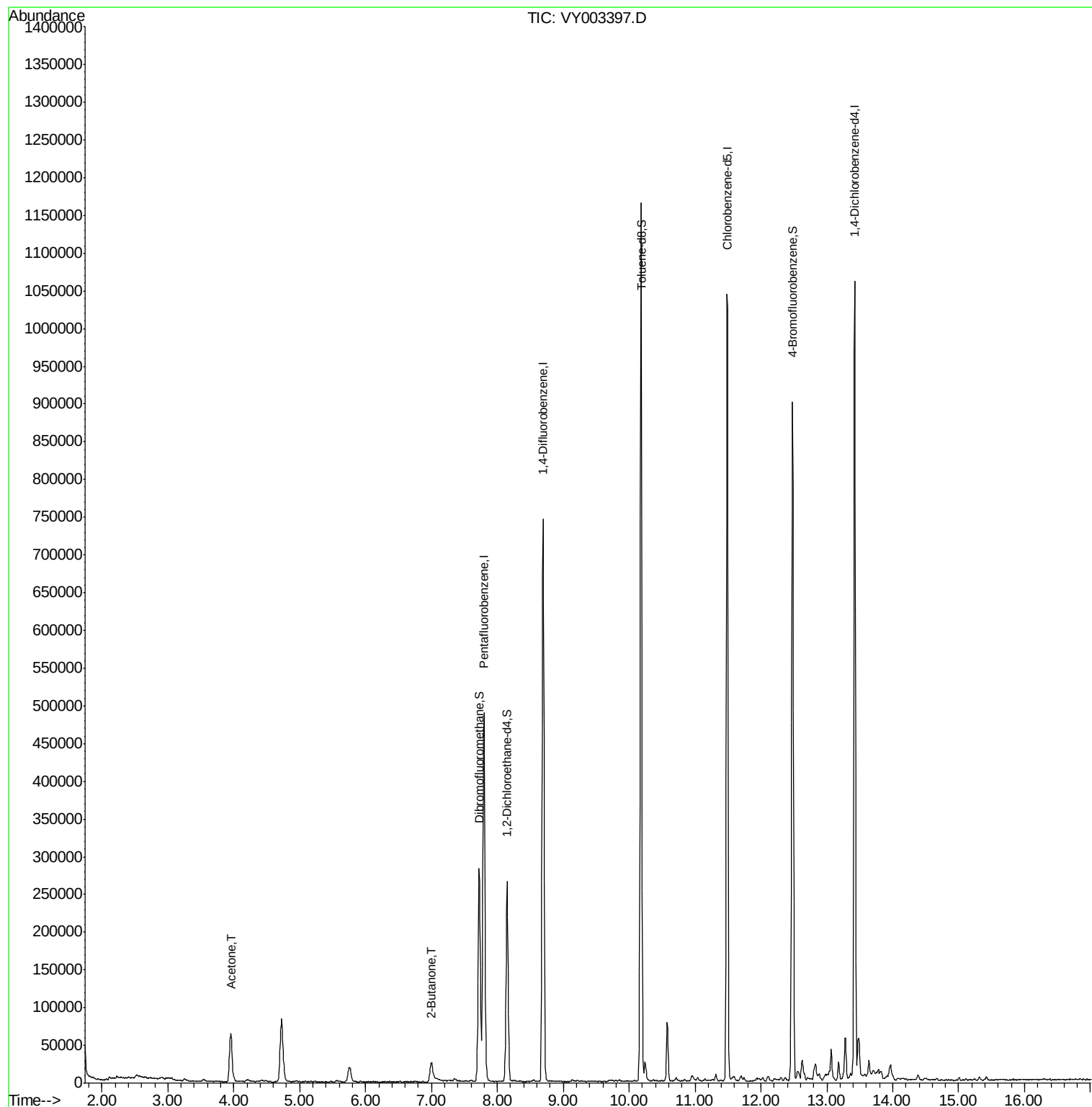
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	402144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	627355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	585203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	270608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	206993	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	7.72	113	196242	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
50) Toluene-d8	10.18	98	767520	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.48	95	245234	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
Target Compounds						
16) Acetone	3.96	43	110041	116.478	ug/l	99
25) 2-Butanone	7.00	43	35764	24.841	ug/l	98

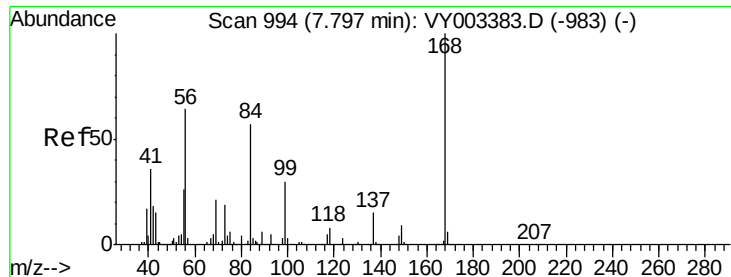
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003397.D

Acq: 31 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

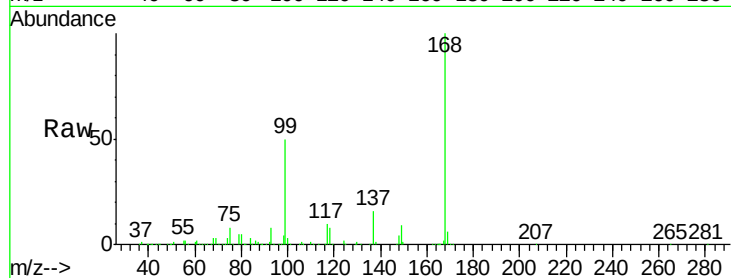
TP-7

Tot Ion:168 Resp: 402144

Ion Ratio Lower Upper

168 100

99 49.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

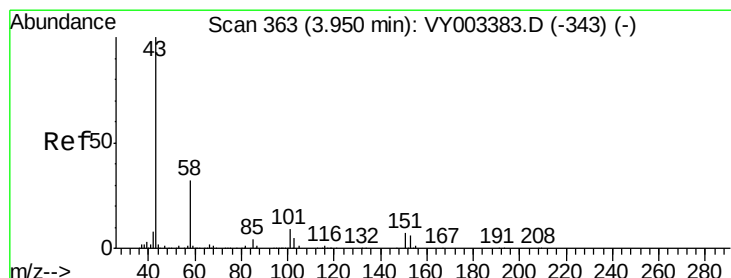
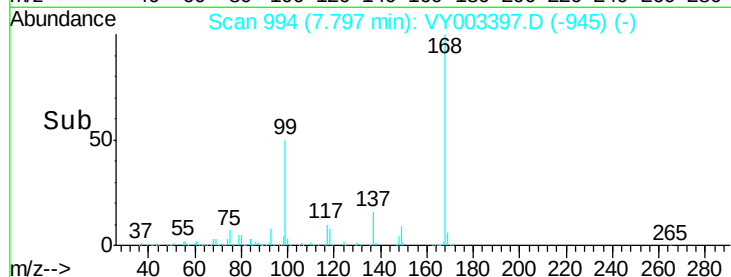
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 116.478 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003397.D

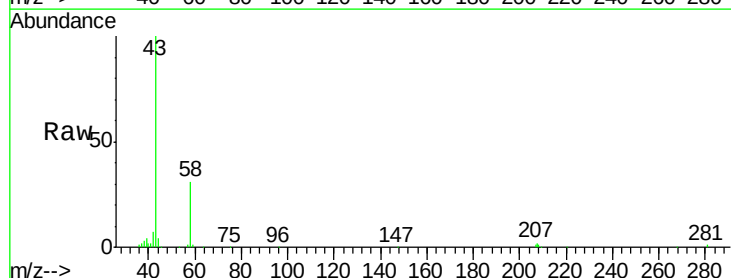
Acq: 31 Jul 2020 18:21

Tgt Ion: 43 Resp: 110041

Ion Ratio Lower Upper

43 100

58 31.3 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

40000

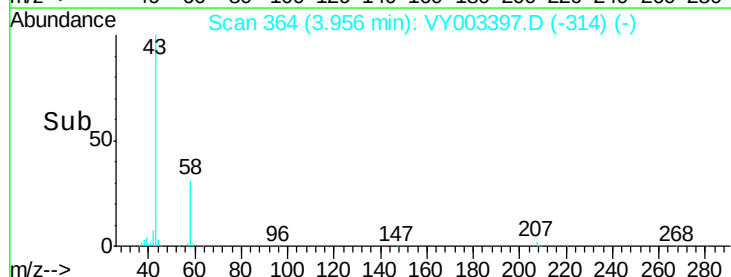
30000

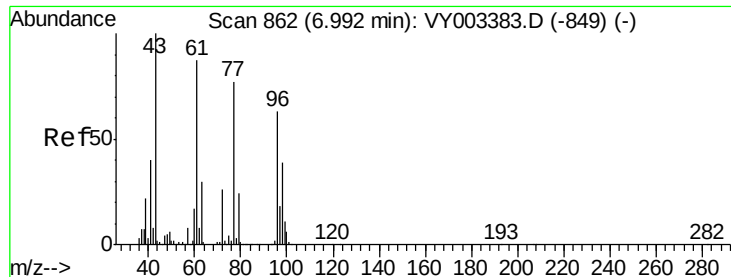
20000

10000

0

Time-->





#25

2-Butanone

Concen: 24.841 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003397.D

Acq: 31 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampled :

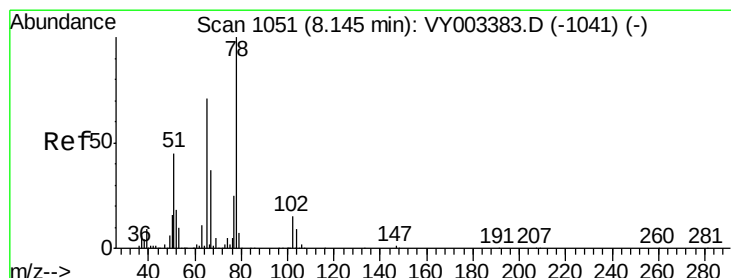
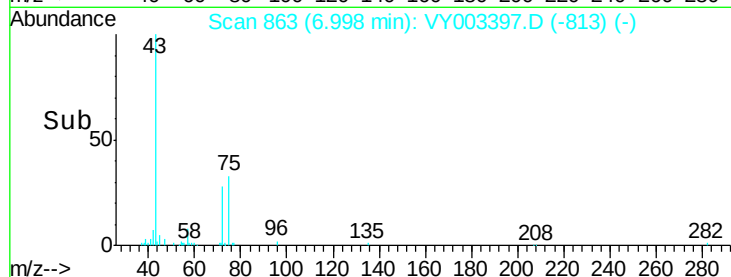
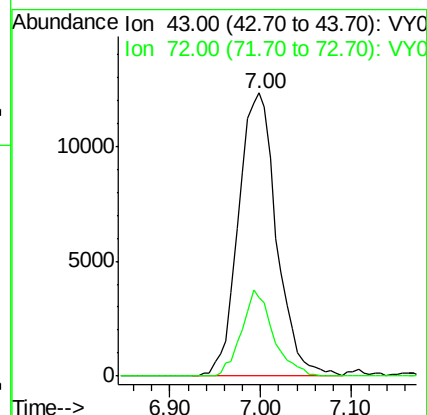
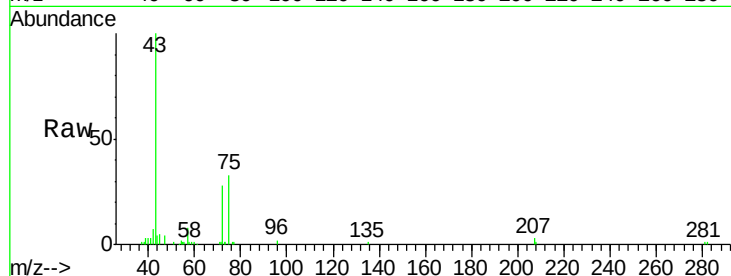
TP-7

Tot Ion: 43 Resp: 35764

Ion Ratio Lower Upper

43 100

72 27.6 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 54.135 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003397.D

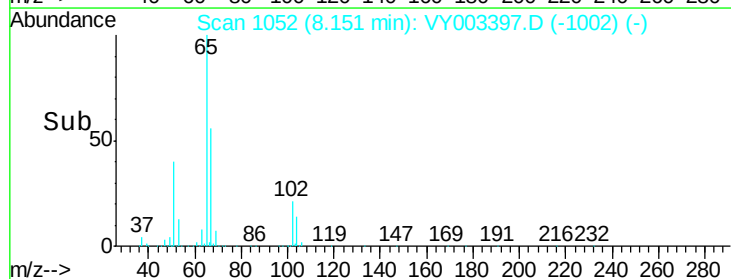
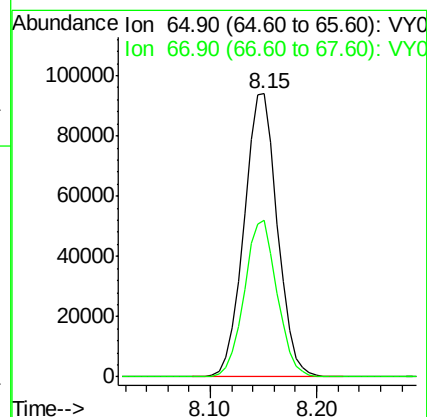
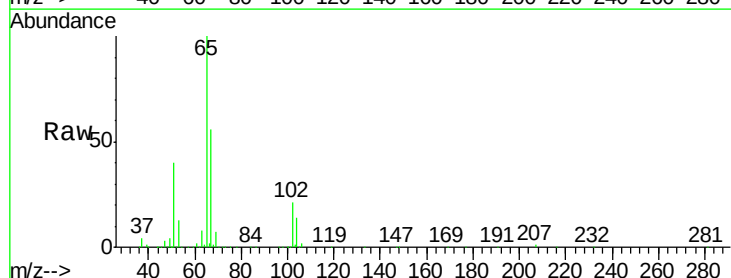
Acq: 31 Jul 2020 18:21

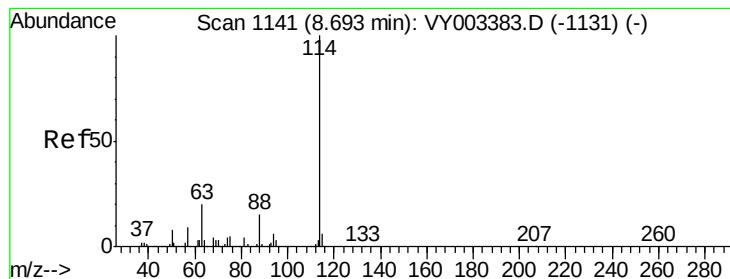
Tgt Ion: 65 Resp: 206993

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003397.D

Acq: 31 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-7

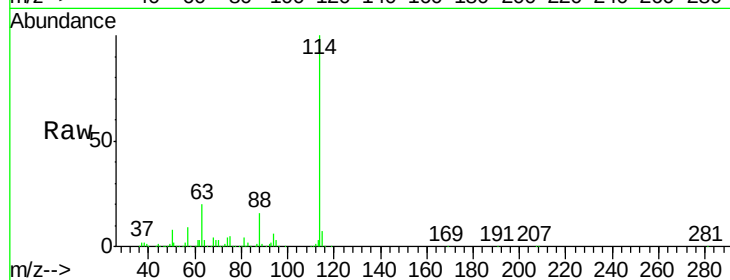
Tot Ion:114 Resp: 627355

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

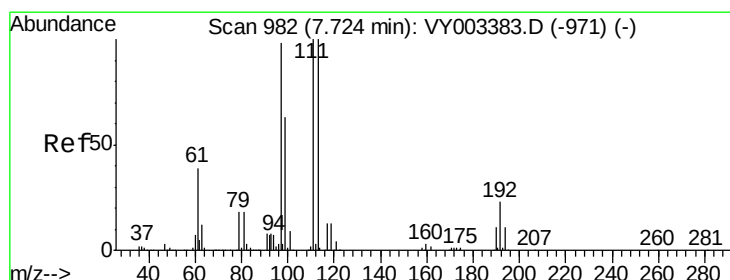
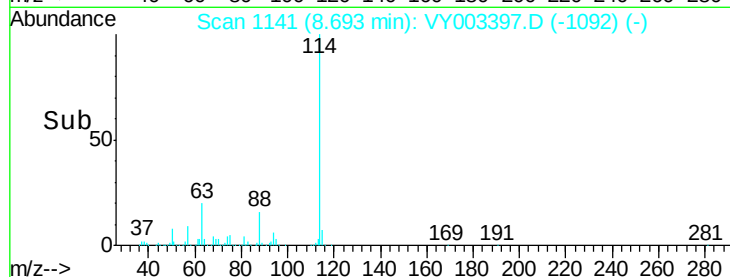
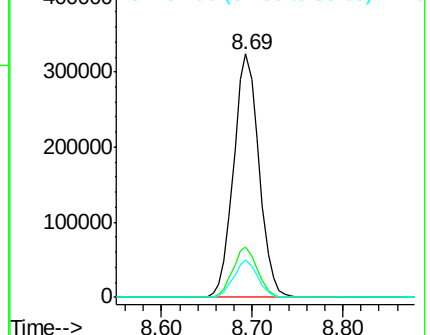
88 15.6 0.0 29.2



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: 53.103 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003397.D

Acq: 31 Jul 2020 18:21

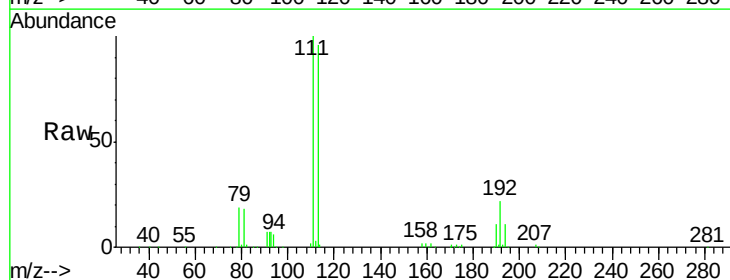
Tgt Ion:113 Resp: 196242

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.4

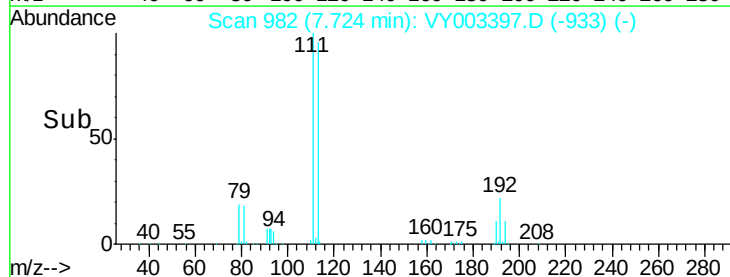
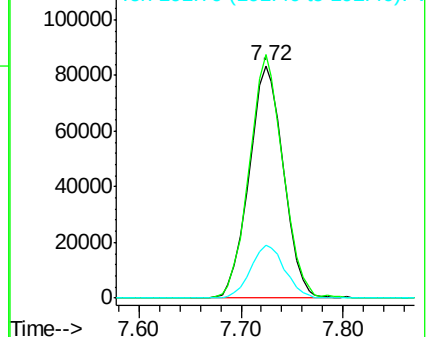
192 22.7 18.8 28.2

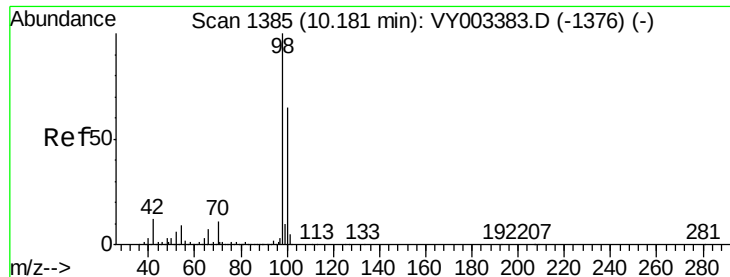


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.039 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003397.D

Acq: 31 Jul 2020 18:21

Instrument :

MSVOA_Y

ClientSampled :

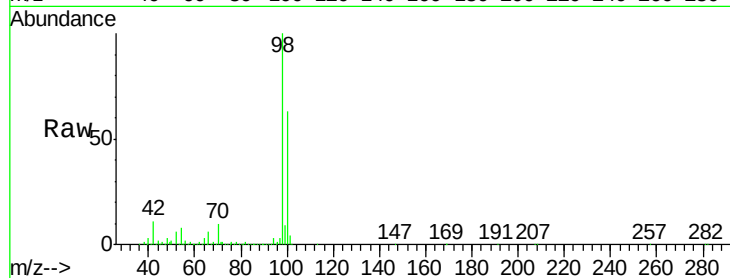
TP-7

Tot Ion: 98 Resp: 767520

Ion Ratio Lower Upper

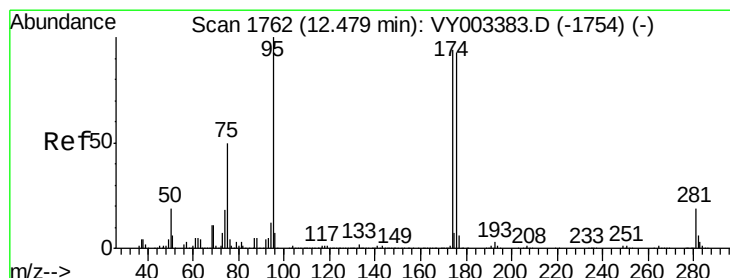
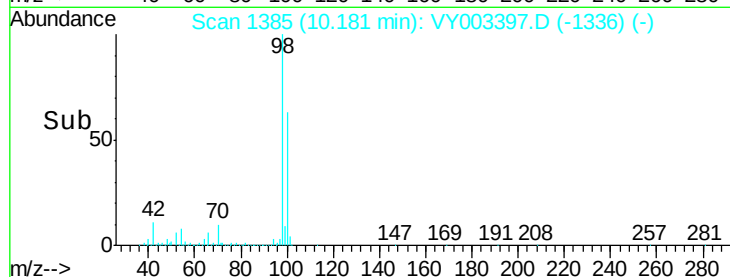
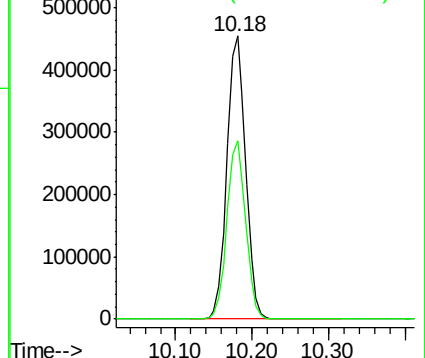
98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.599 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003397.D

Acq: 31 Jul 2020 18:21

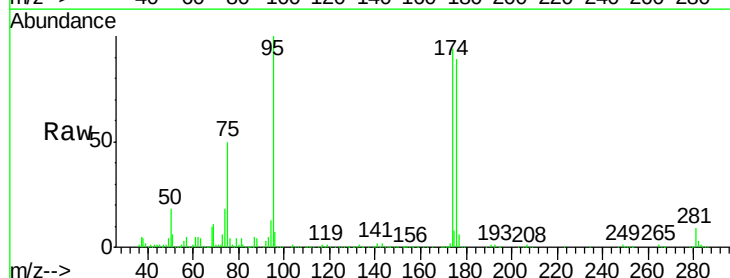
Tgt Ion: 95 Resp: 245234

Ion Ratio Lower Upper

95 100

174 95.1 0.0 190.0

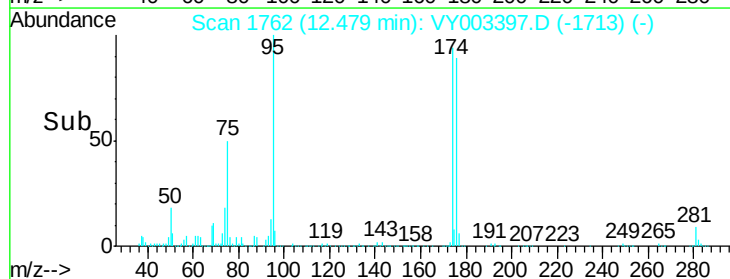
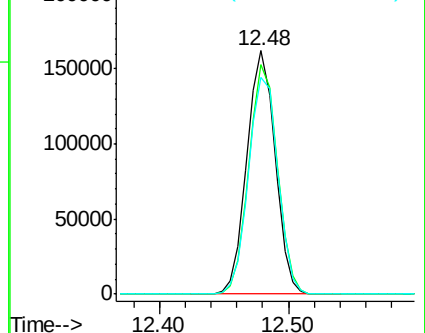
176 92.4 0.0 184.4

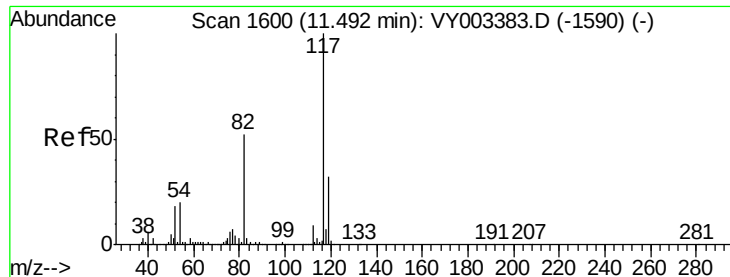


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

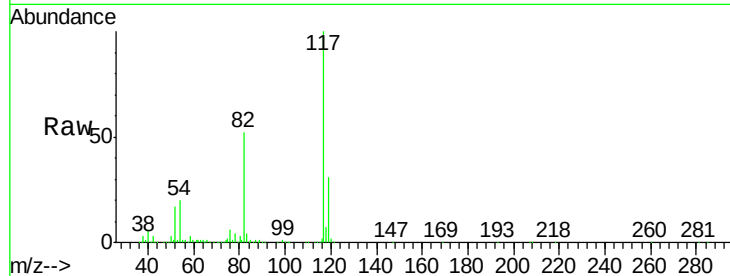




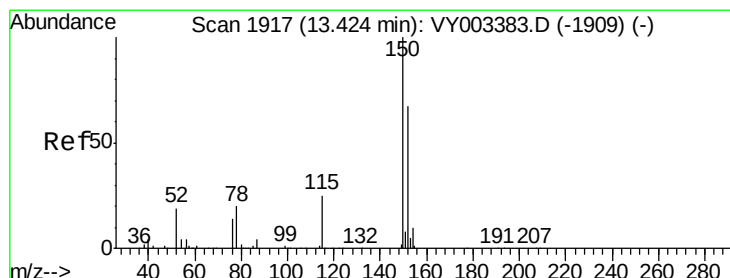
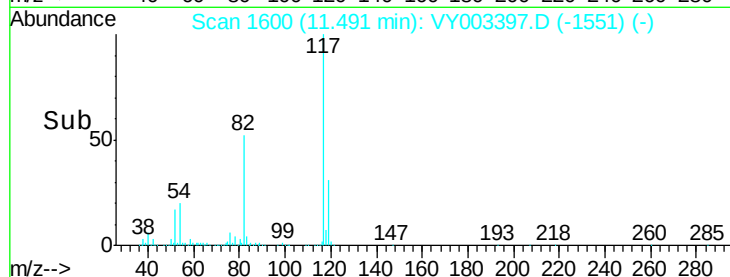
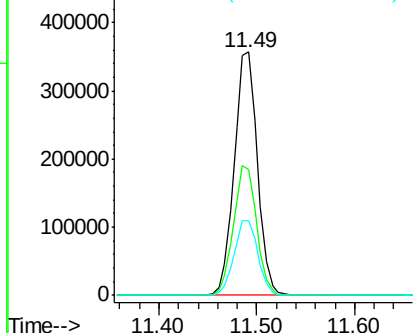
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003397.D
Acq: 31 Jul 2020 18:21

Instrument :
MSVOA_Y
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.9	62.9
119	30.7	25.4	38.0

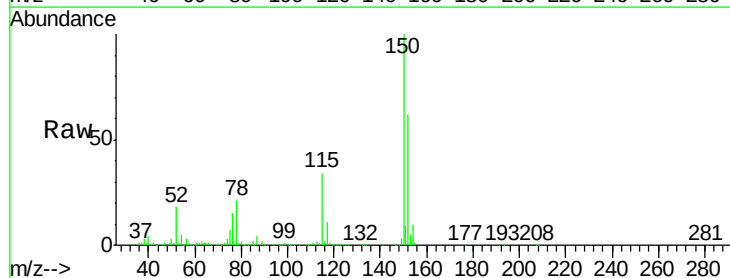


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003397.D
Acq: 31 Jul 2020 18:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.2	81.5
150	159.8	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

