

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000363.D
 Acq On : 22 Oct 2019 14:28
 Operator : SY/MD
 Sample : K5139-01
 Misc : 4.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-102119

Quant Time: Oct 23 09:09:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

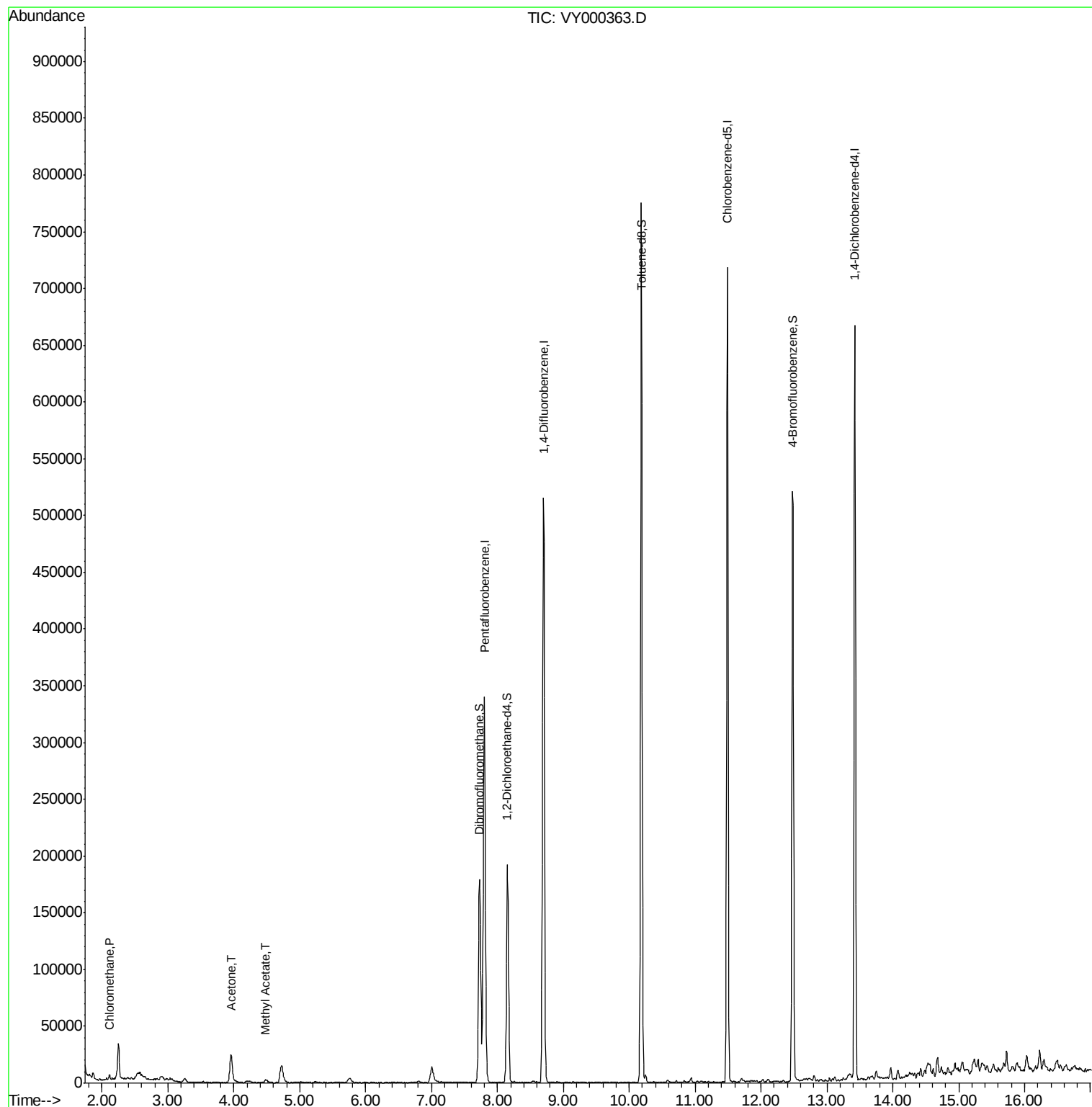
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	264918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	447608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	143252	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.73	113	125753	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
50) Toluene-d8	10.19	98	502912	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.48	95	160955	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
Target Compounds						
3) Chloromethane	2.11	50	4376	1.352	ug/l #	82
16) Acetone	3.96	43	41696	46.075	ug/l	98
18) Methyl Acetate	4.48	43	4674	2.079	ug/l	100

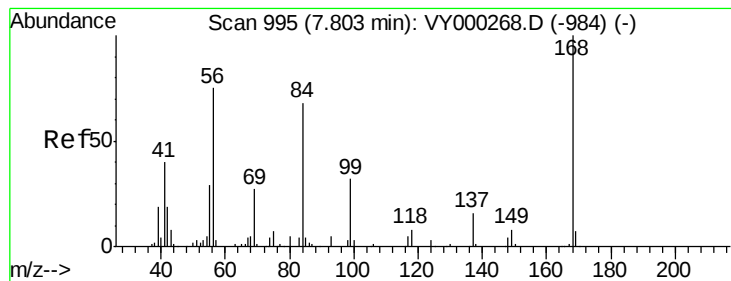
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000363.D

Acq: 22 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

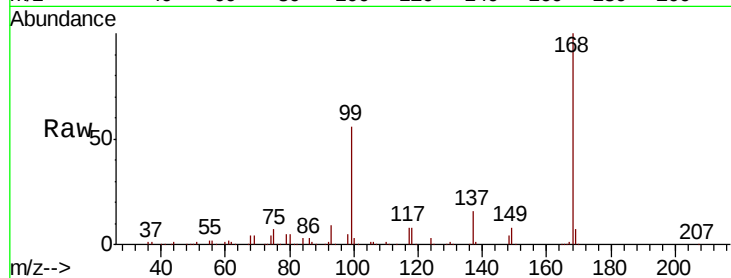
BU-03-102119

Tot Ion:168 Resp: 264918

Ion Ratio Lower Upper

168 100

99 56.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000363.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000363.D (-946) (-)

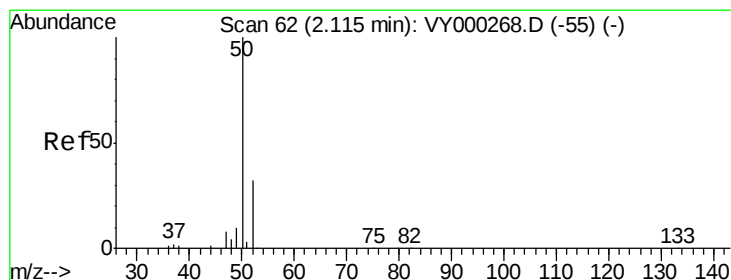
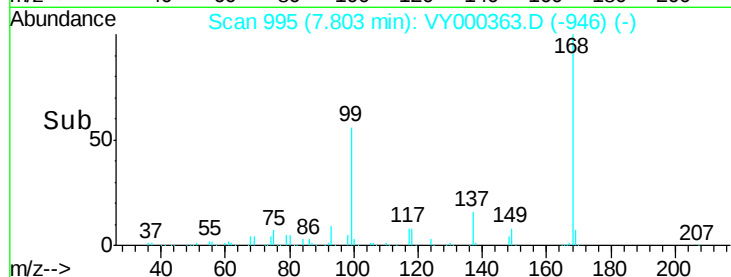
7.80

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.352 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000363.D

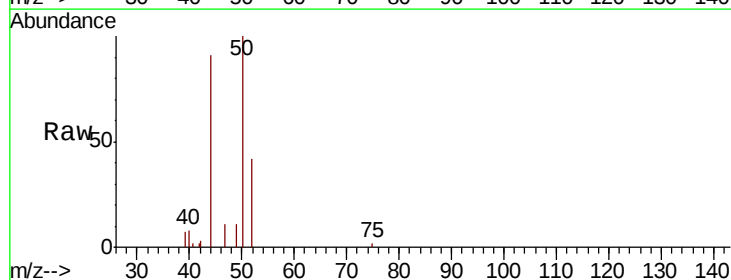
Acq: 22 Oct 2019 14:28

Tgt Ion: 50 Resp: 4376

Ion Ratio Lower Upper

50 100

52 41.6 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000363.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000363.D (-13) (-)

2.11

3000

2500

2000

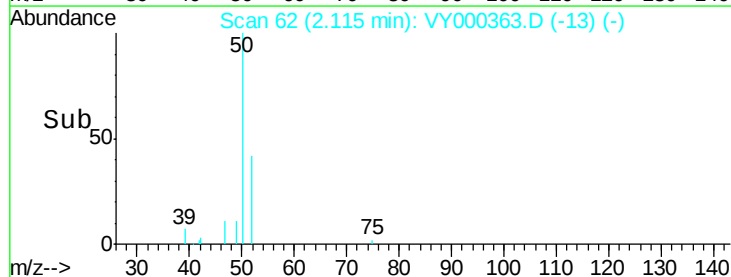
1500

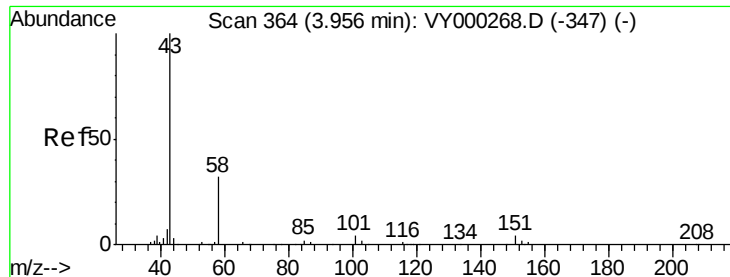
1000

500

0

Time-->





#16

Acetone

Concen: 46.075 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000363.D

Acq: 22 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

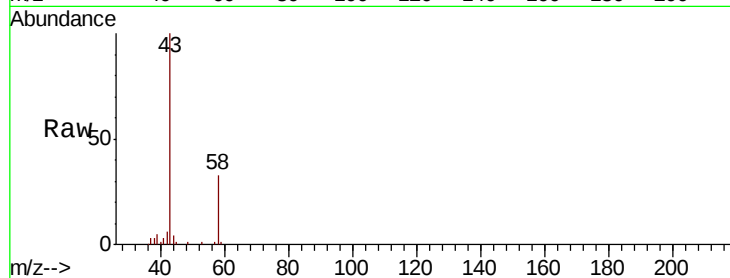
BU-03-102119

Tot Ion: 43 Resp: 41696

Ion Ratio Lower Upper

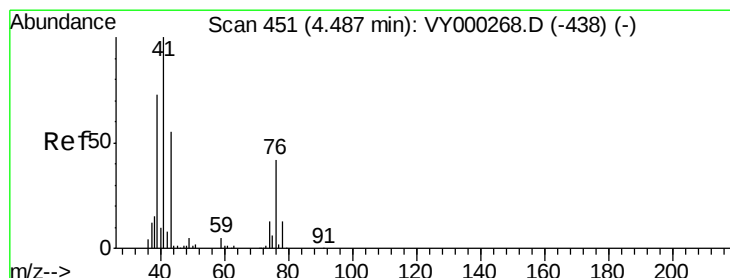
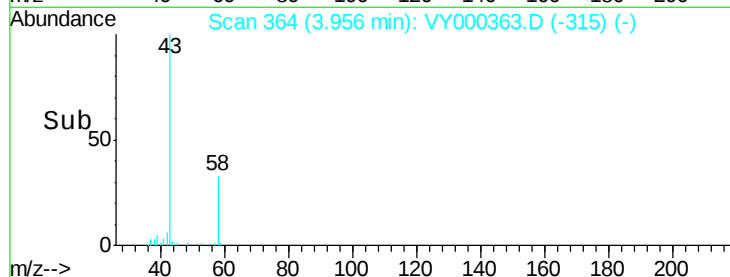
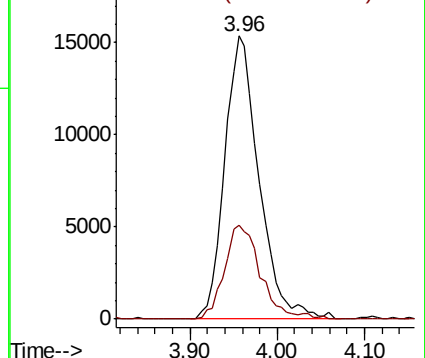
43 100

58 33.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#18

Methyl Acetate

Concen: 2.079 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000363.D

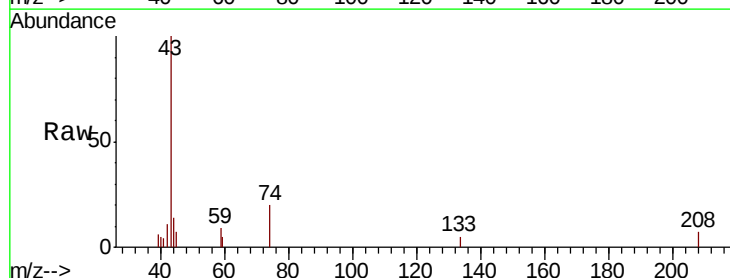
Acq: 22 Oct 2019 14:28

Tgt Ion: 43 Resp: 4674

Ion Ratio Lower Upper

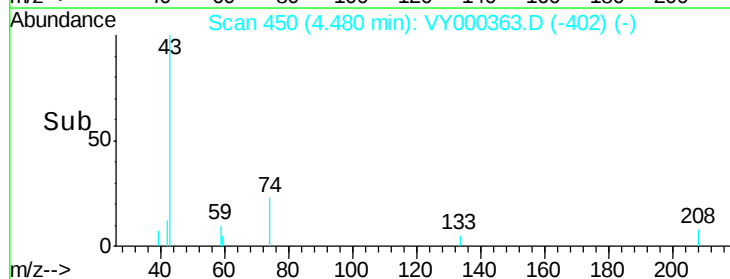
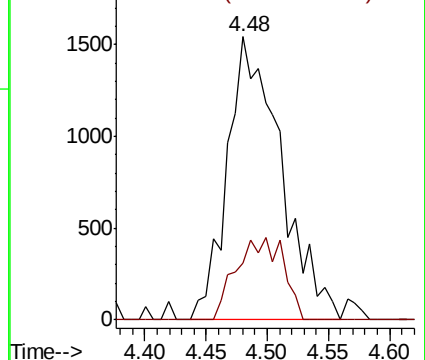
43 100

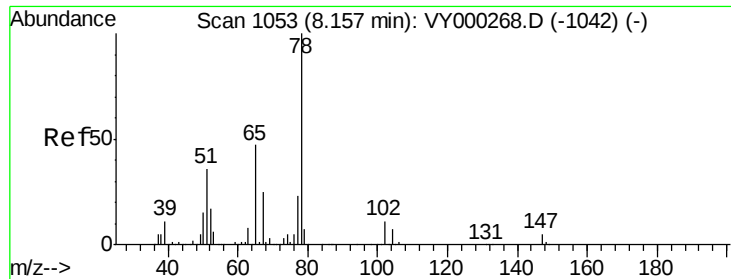
74 25.6 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 51.263 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000363.D

Acq: 22 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

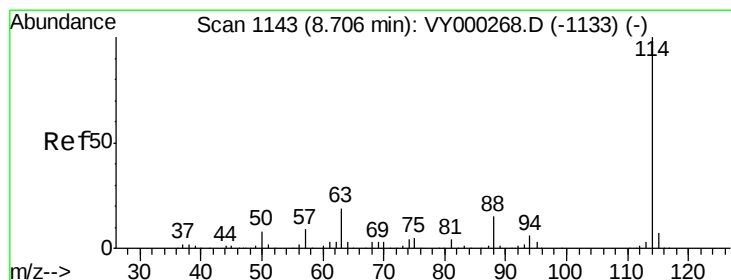
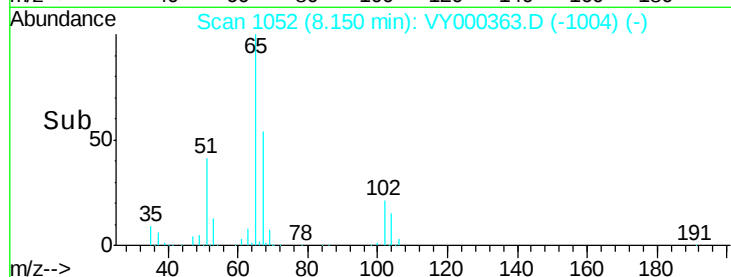
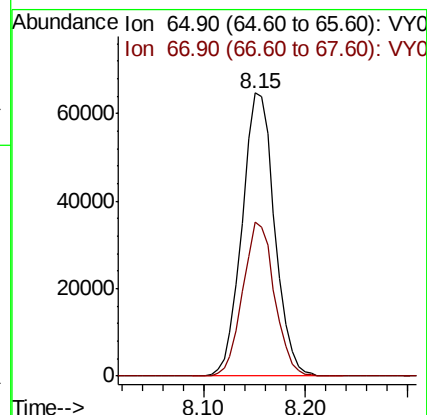
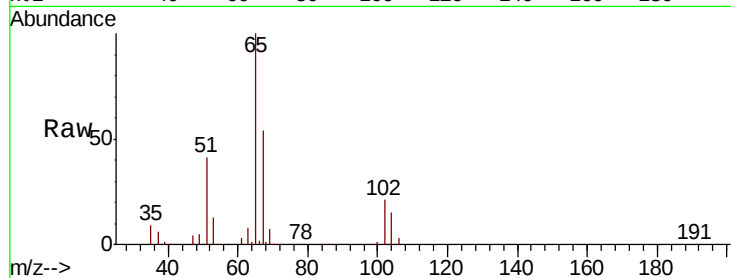
BU-03-102119

Tot Ion: 65 Resp: 143252

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000363.D

Acq: 22 Oct 2019 14:28

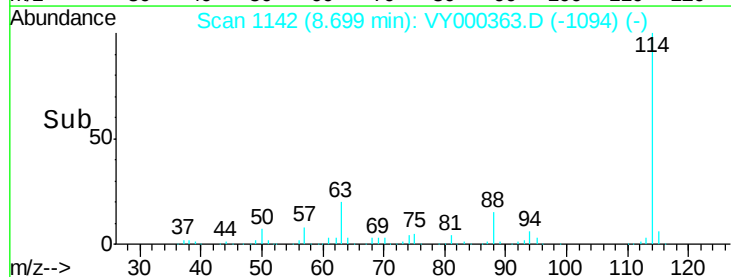
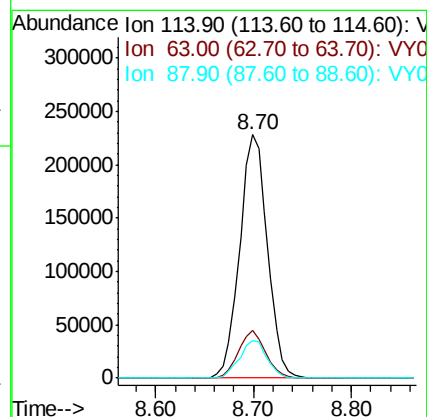
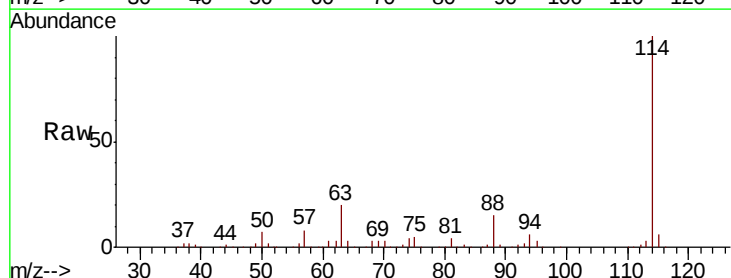
Tgt Ion: 114 Resp: 447608

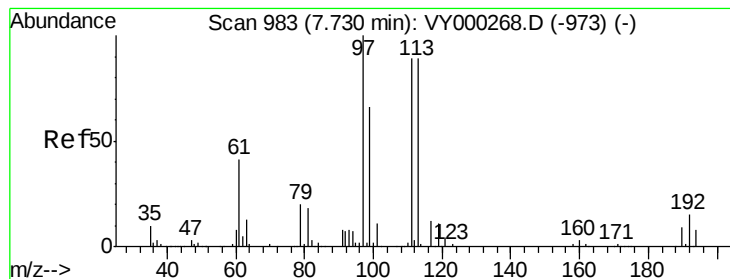
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.2

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.575 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000363.D

Acq: 22 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-102119

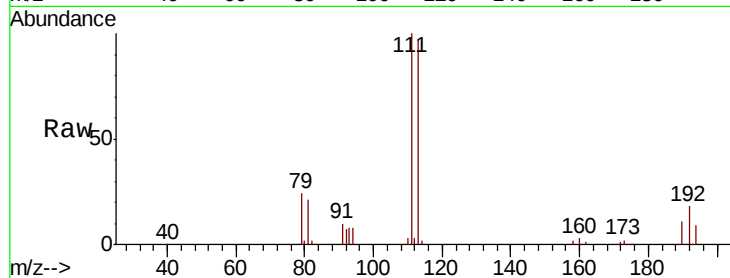
Tot Ion:113 Resp: 125753

Ion Ratio Lower Upper

113 100

111 103.8 81.6 122.4

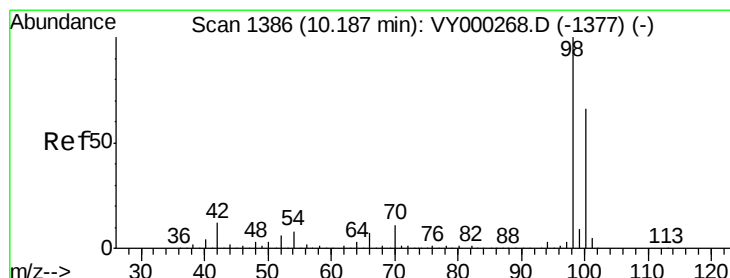
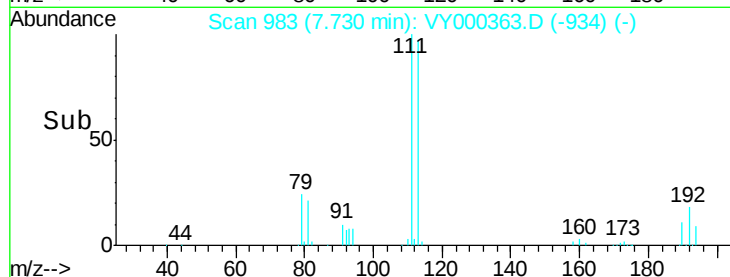
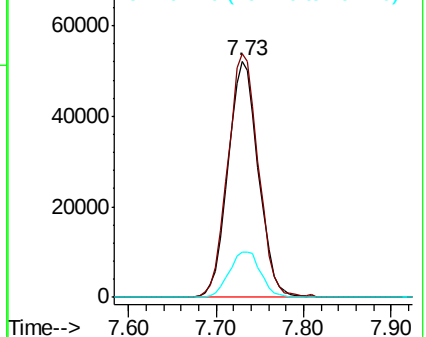
192 19.9 15.3 22.9



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: 48.421 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000363.D

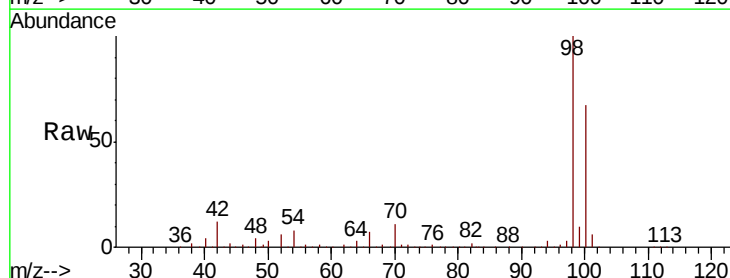
Acq: 22 Oct 2019 14:28

Tgt Ion: 98 Resp: 502912

Ion Ratio Lower Upper

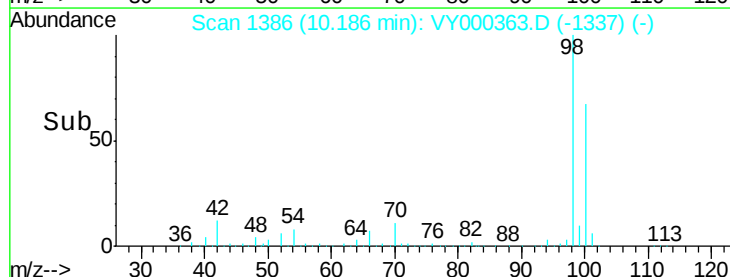
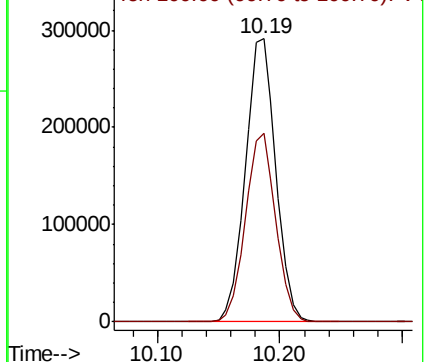
98 100

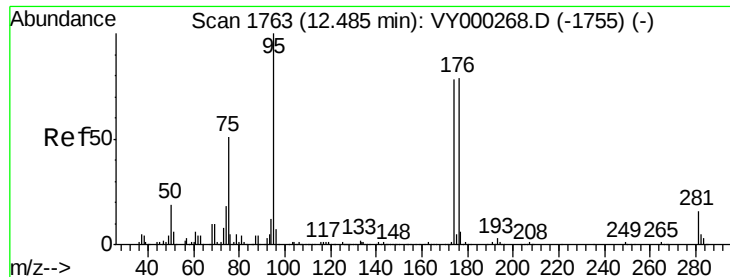
100 66.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

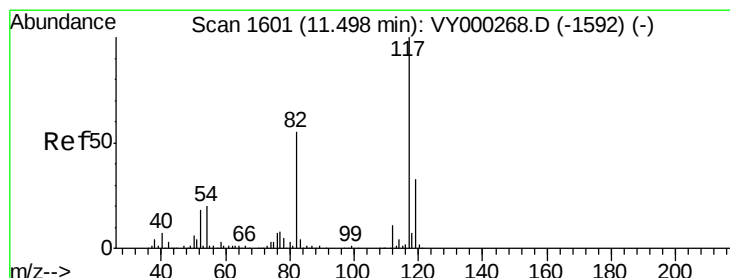
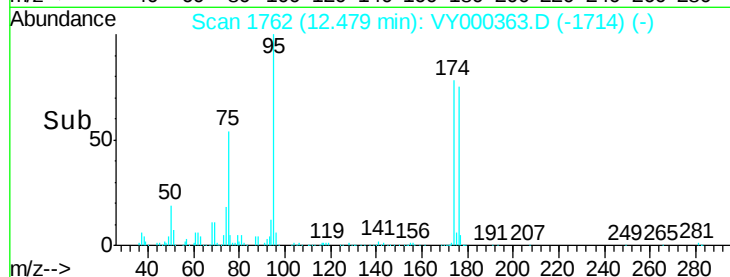
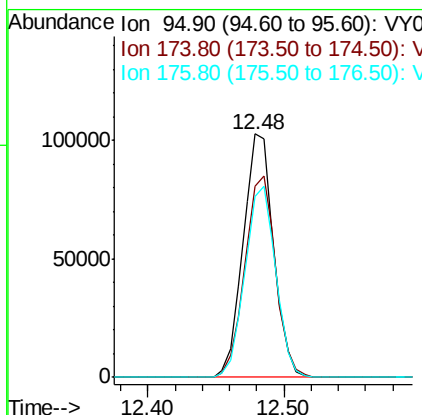
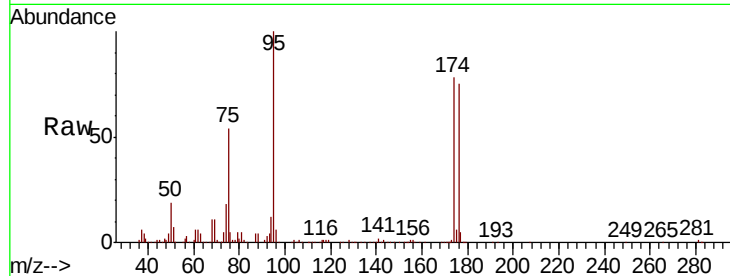




#62
4-Bromofluorobenzene
Concen: 40.791 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000363.D
Acq: 22 Oct 2019 14:28

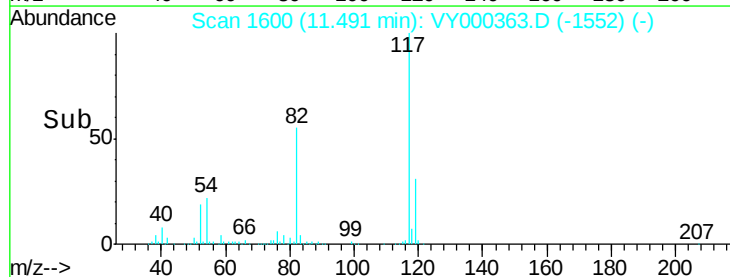
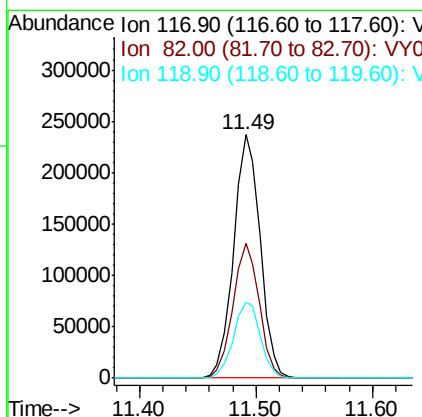
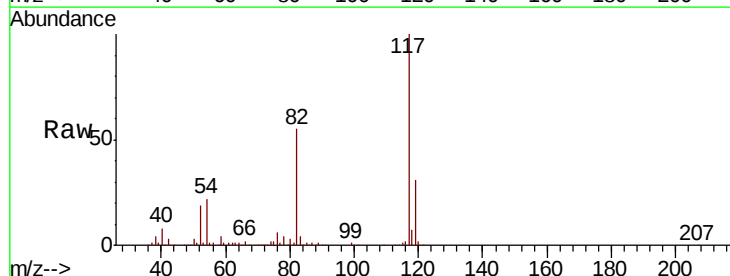
Instrument :
MSVOA_Y
ClientSampled :
BU-03-102119

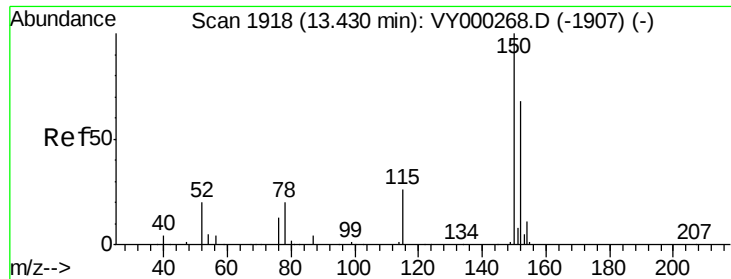
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	159.6
176	79.4	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000363.D
Acq: 22 Oct 2019 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.7	65.5
119	31.0	26.6	39.8



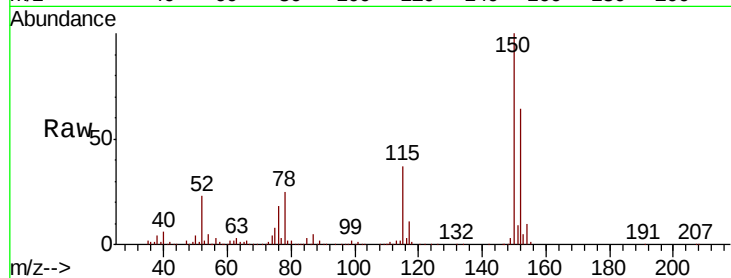


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY000363.D
 Acq: 22 Oct 2019 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-102119

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	155.9	0.0	348.4



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

