

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000327.D
 Acq On : 16 Oct 2019 14:12
 Operator : SY/MD
 Sample : K5393-21
 Misc : 8.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-6-D2-(46)

Quant Time: Oct 17 01:48:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

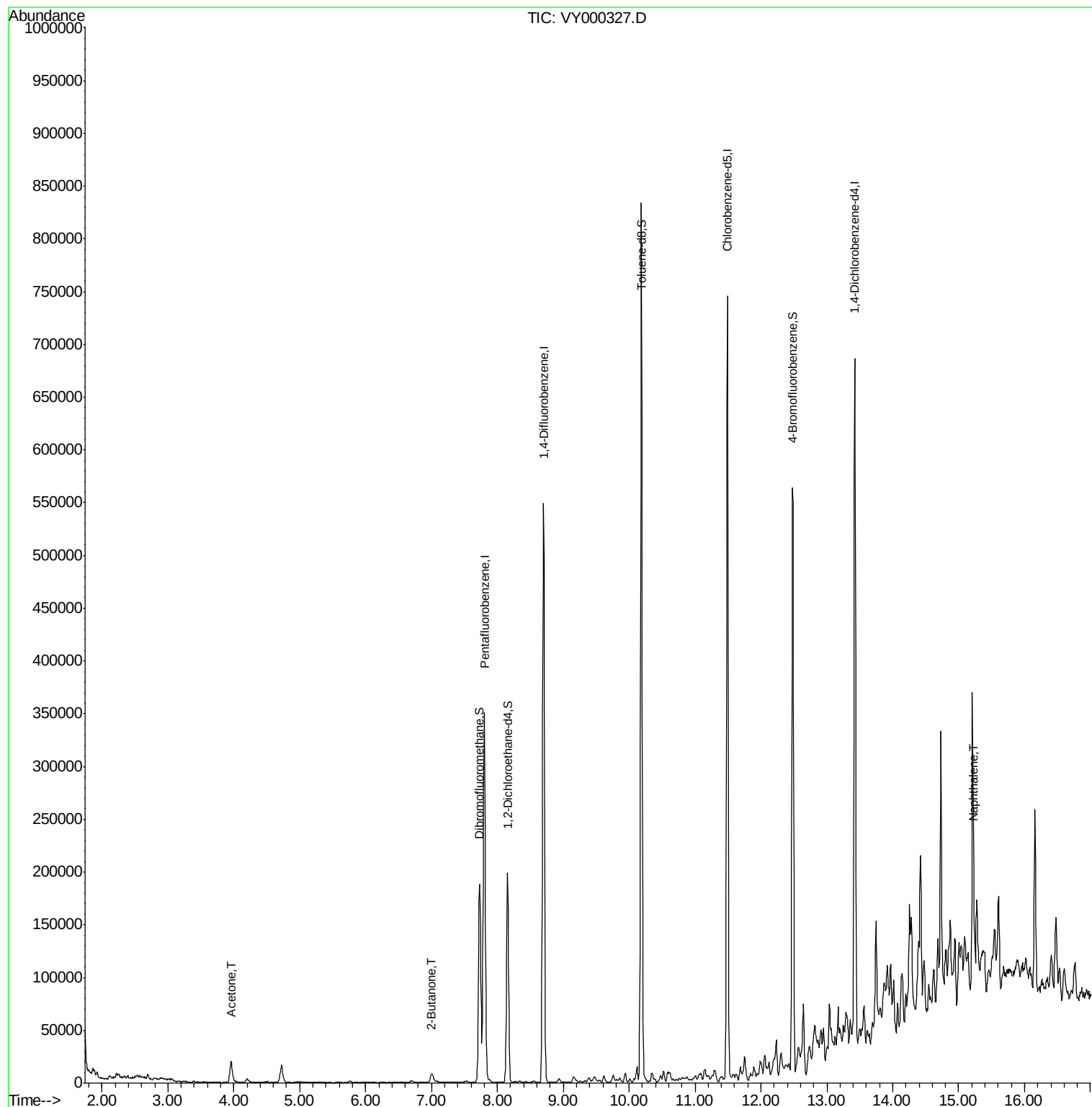
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	274978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	464086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	394382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	161953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	156235	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.74	113	134180	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.19	98	536562	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.48	95	168902	41.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.58%	
Target Compounds						
16) Acetone	3.96	43	32539	34.641	ug/l #	88
25) 2-Butanone	7.00	43	9284	7.016	ug/l	98
95) Naphthalene	15.23	128	18350	2.357	ug/l #	68

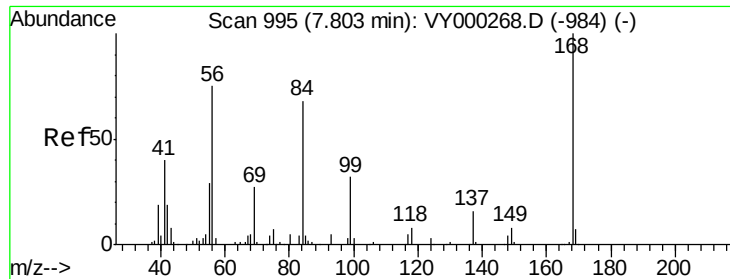
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000327.D

Acq: 16 Oct 2019 14:12

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MSVOA_Y

ClientSampleId :

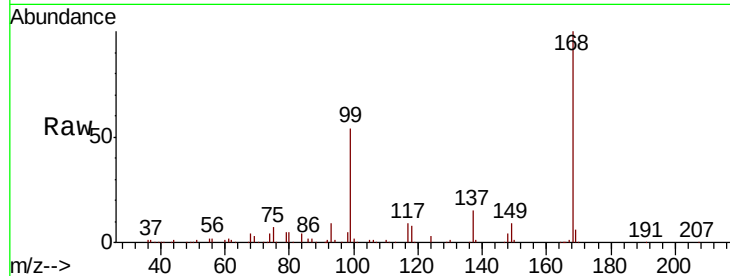
T-6-D2-(46)

Tot Ion:168 Resp: 274978

Ion Ratio Lower Upper

168 100

99 53.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000327.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000327.D (-946) (-)

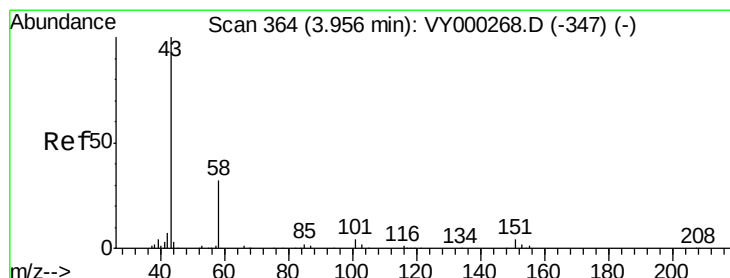
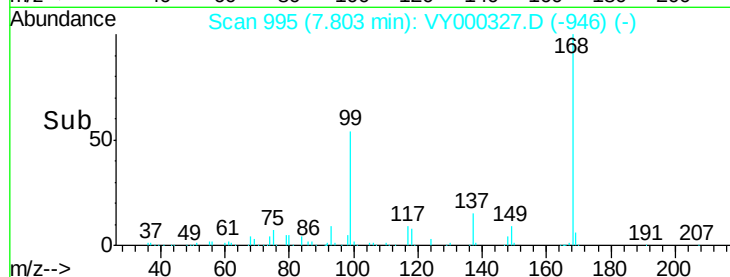
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 34.641 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000327.D

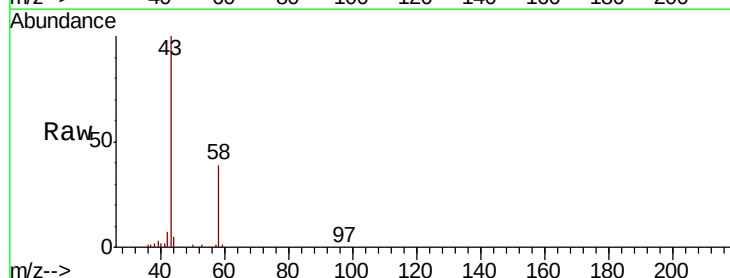
Acq: 16 Oct 2019 14:12

Tgt Ion: 43 Resp: 32539

Ion Ratio Lower Upper

43 100

58 38.7 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000327.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000327.D (-315) (-)

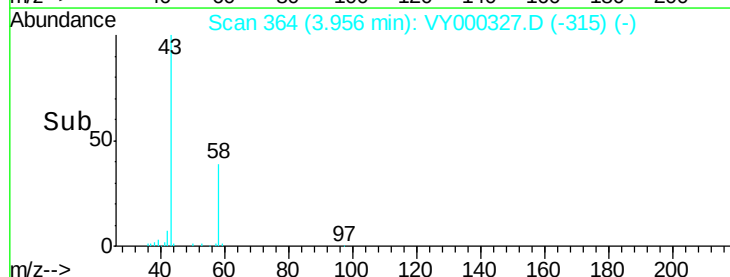
3.96

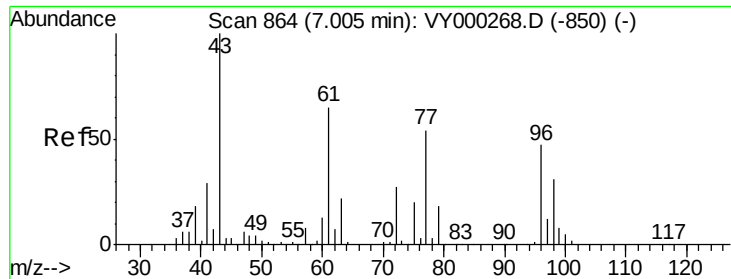
10000

5000

0

Time-->





#25

2-Butanone

Concen: 7.016 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000327.D

Acq: 16 Oct 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

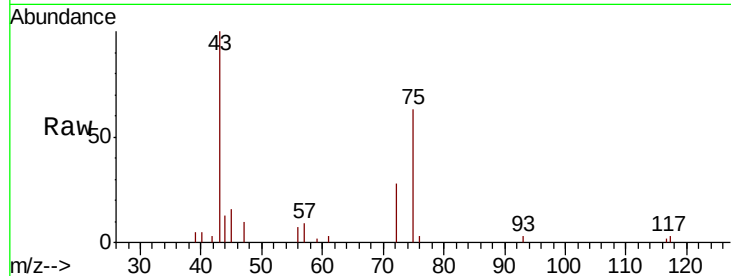
T-6-D2-(46)

Tot Ion: 43 Resp: 9284

Ion Ratio Lower Upper

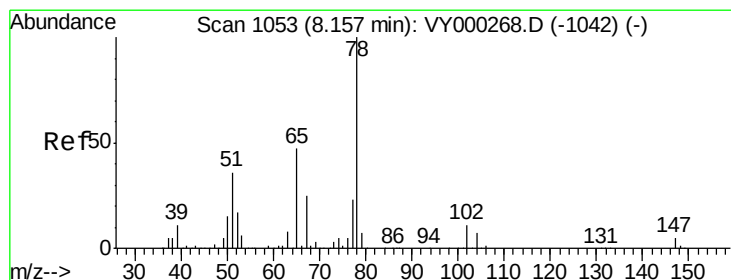
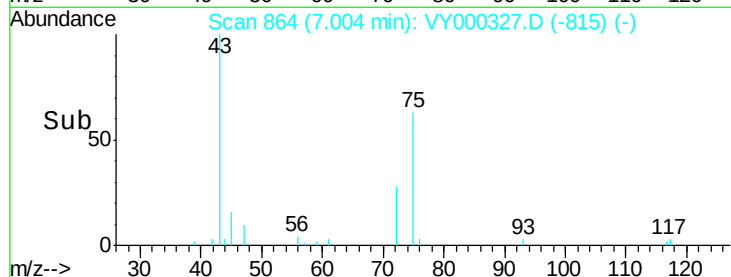
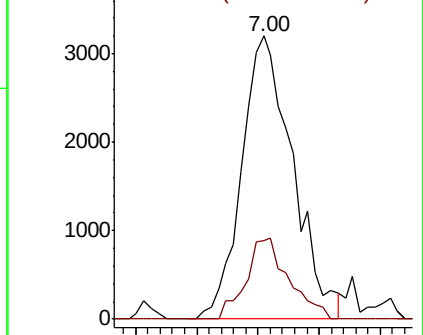
43 100

72 27.7 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.863 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000327.D

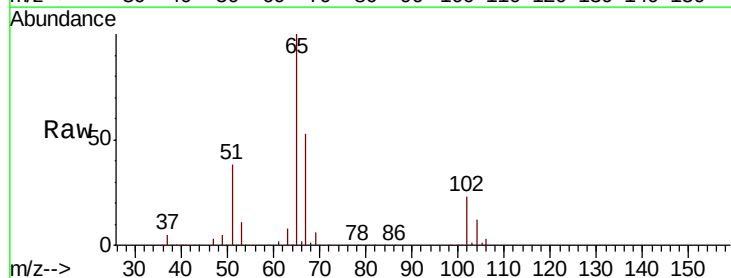
Acq: 16 Oct 2019 14:12

Tgt Ion: 65 Resp: 156235

Ion Ratio Lower Upper

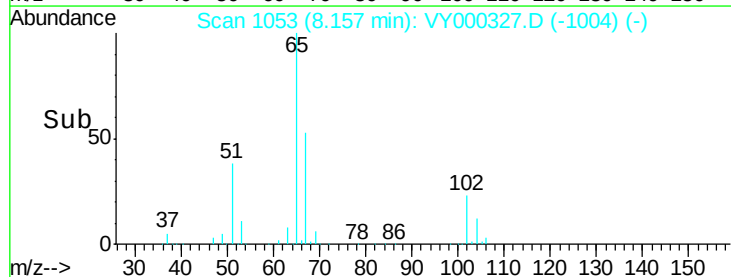
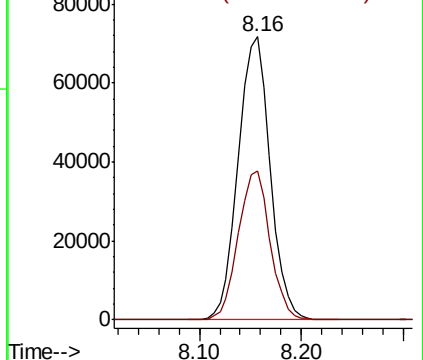
65 100

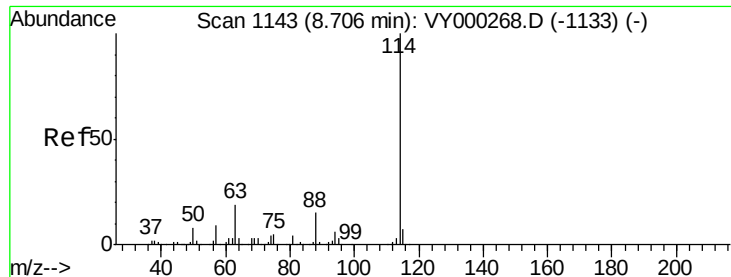
67 52.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

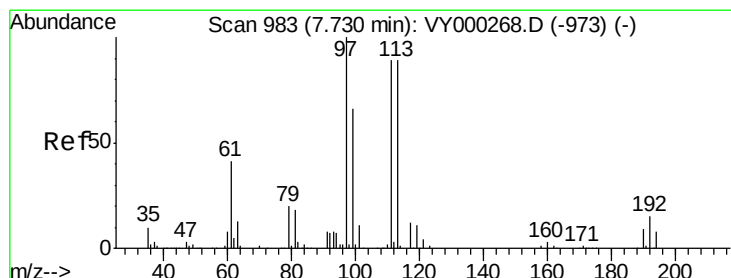
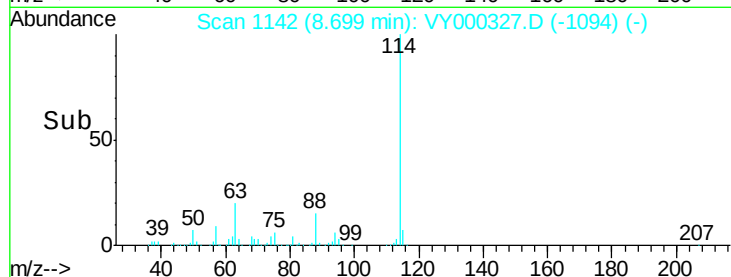
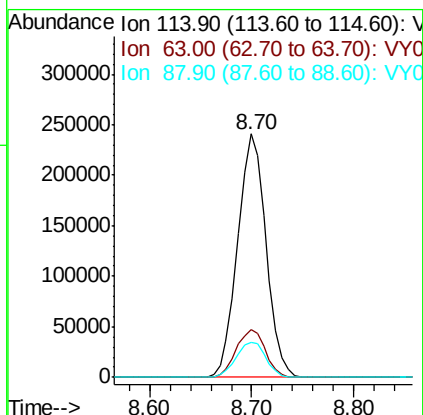
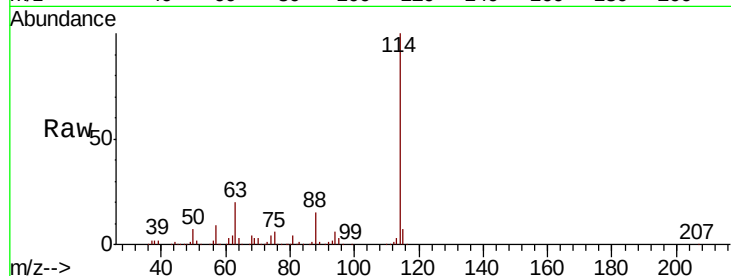




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000327.D
 Acq: 16 Oct 2019 14:12

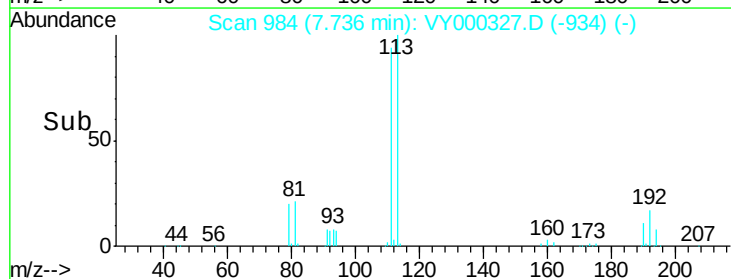
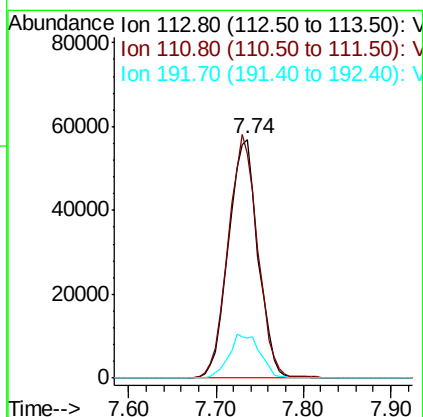
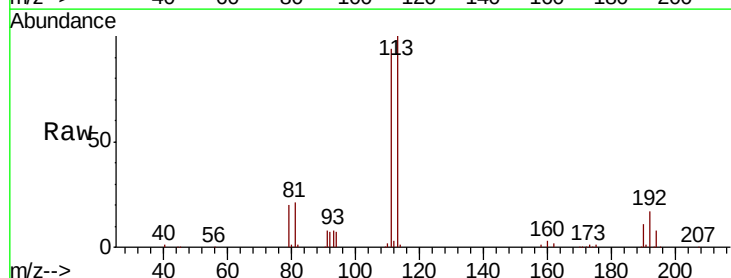
Instrument :
 MSVOA_Y
 ClientSampleId :
 T-6-D2-(46)

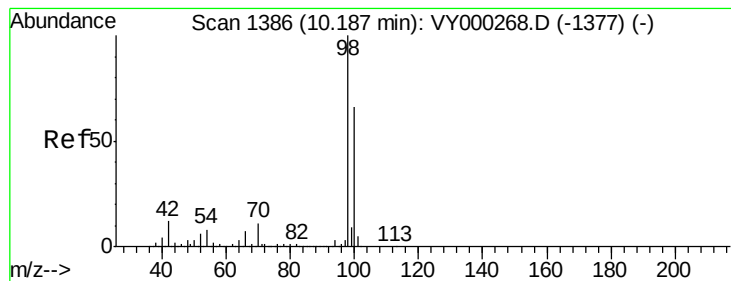
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.2
88	14.6	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.932 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000327.D
 Acq: 16 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	18.9	15.3	22.9





#50

Toluene-d8

Concen: 49.827 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000327.D

Acq: 16 Oct 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

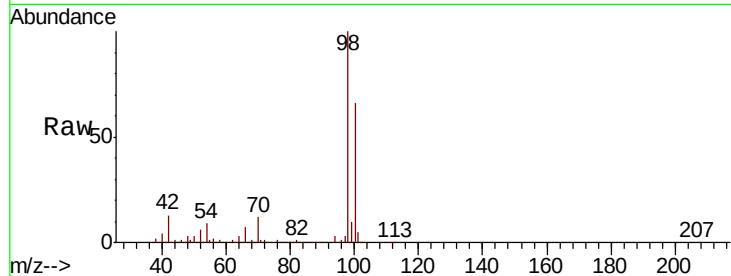
T-6-D2-(46)

Tot Ion: 98 Resp: 536562

Ion Ratio Lower Upper

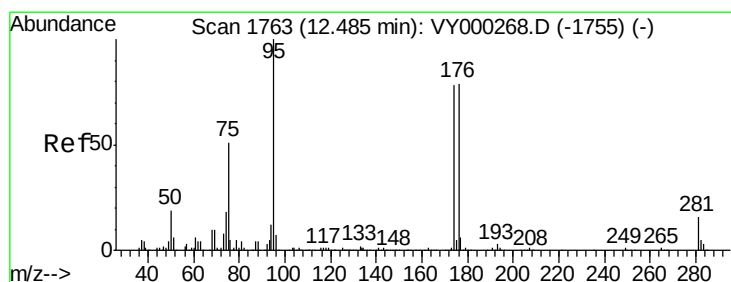
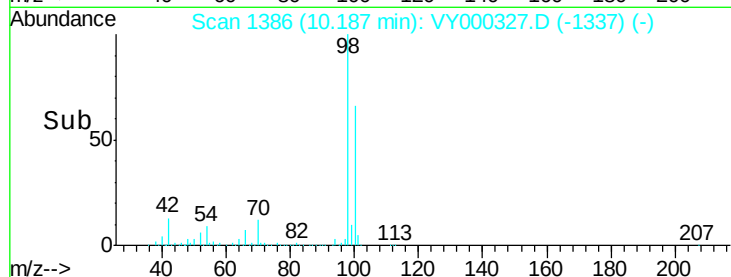
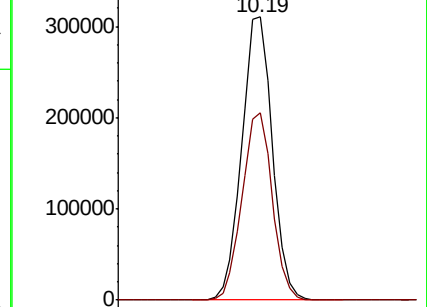
98 100

100 65.4 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: 41.285 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000327.D

Acq: 16 Oct 2019 14:12

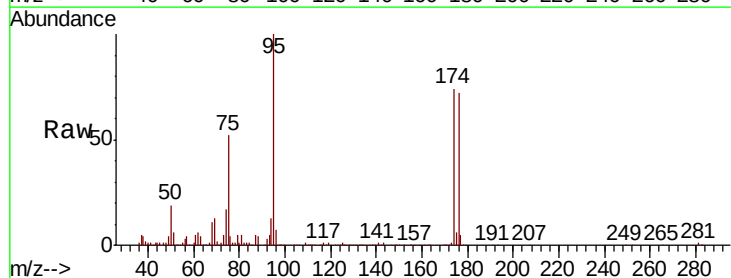
Tgt Ion: 95 Resp: 168902

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.6

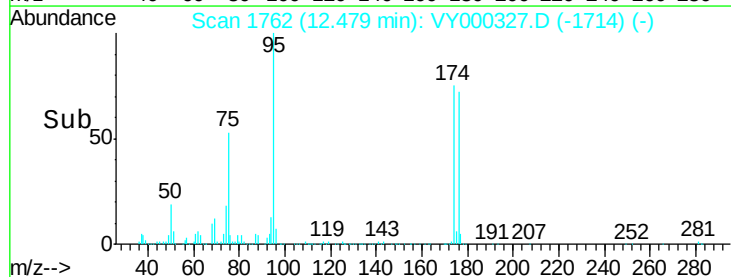
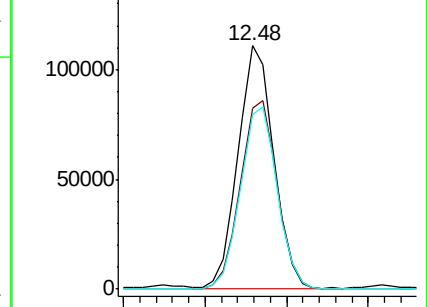
176 77.2 0.0 153.8

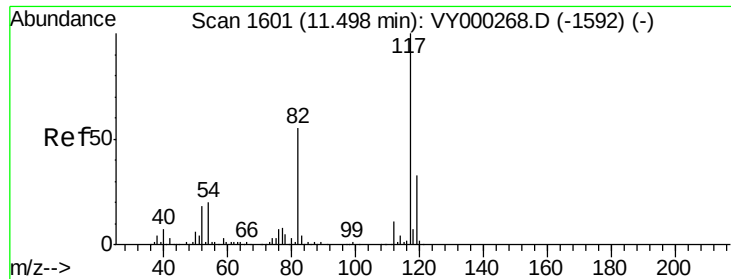


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

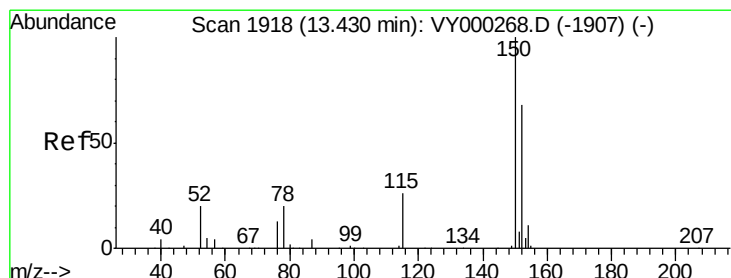
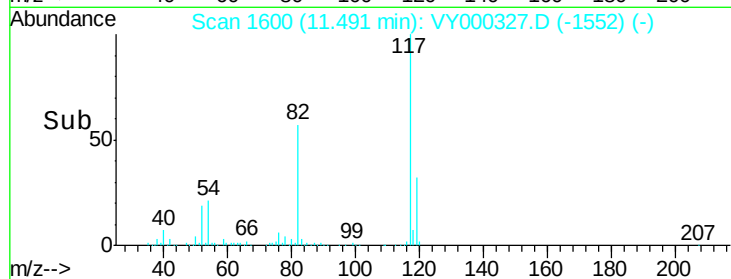
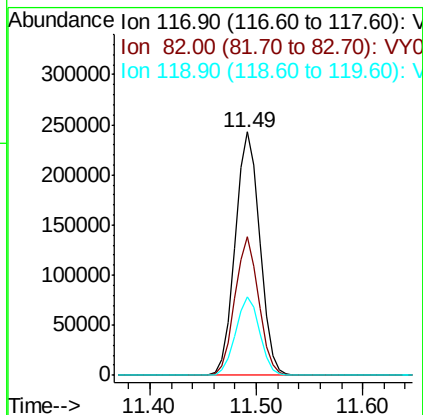
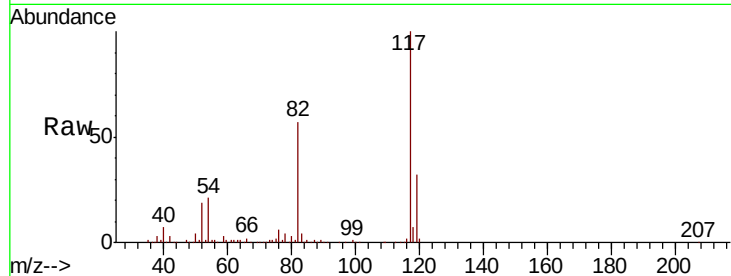




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000327.D
Acq: 16 Oct 2019 14:12

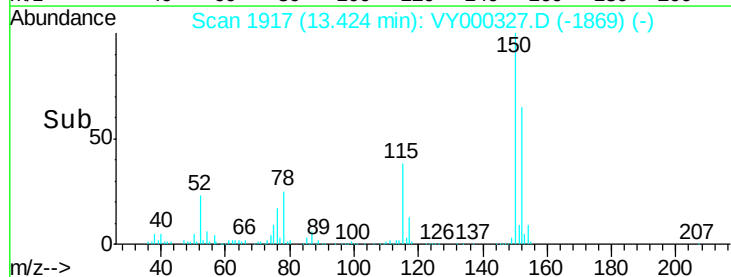
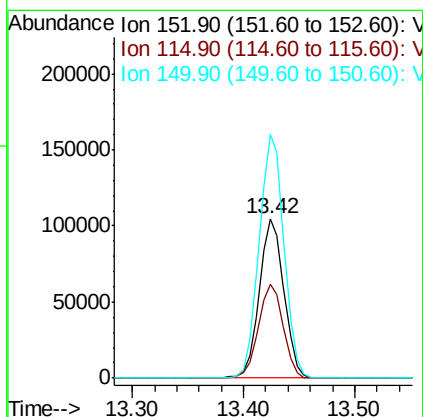
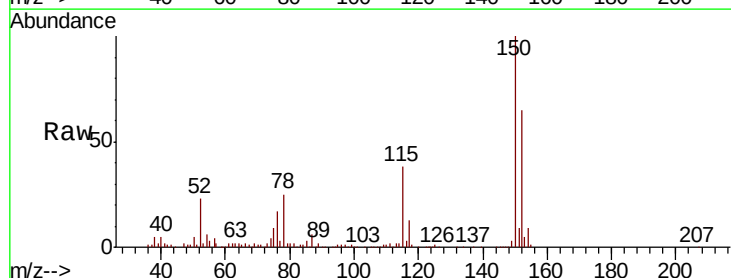
Instrument :
MSVOA_Y
ClientSampleId :
T-6-D2-(46)

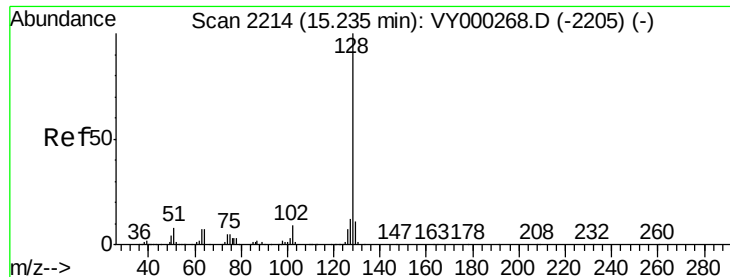
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.7	65.5
119	32.0	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000327.D
Acq: 16 Oct 2019 14:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	88.0
150	153.9	0.0	348.4





#95

Naphthalene

Concen: 2.357 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000327.D

Acq: 16 Oct 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

T-6-D2-(46)

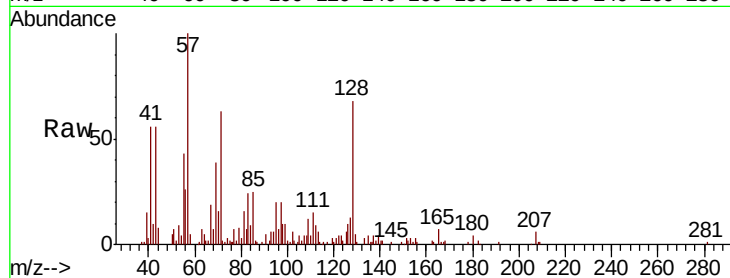
Tot Ion:128 Resp: 18350

Ion Ratio Lower Upper

128 100

127 29.9 9.6 14.4#

129 17.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

