

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007529.D
 Acq On : 13 Feb 2019 19:10
 Operator : JC/SP
 Sample : K1463-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-TI-02(PRE-GAC)

Quant Time: Feb 14 10:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

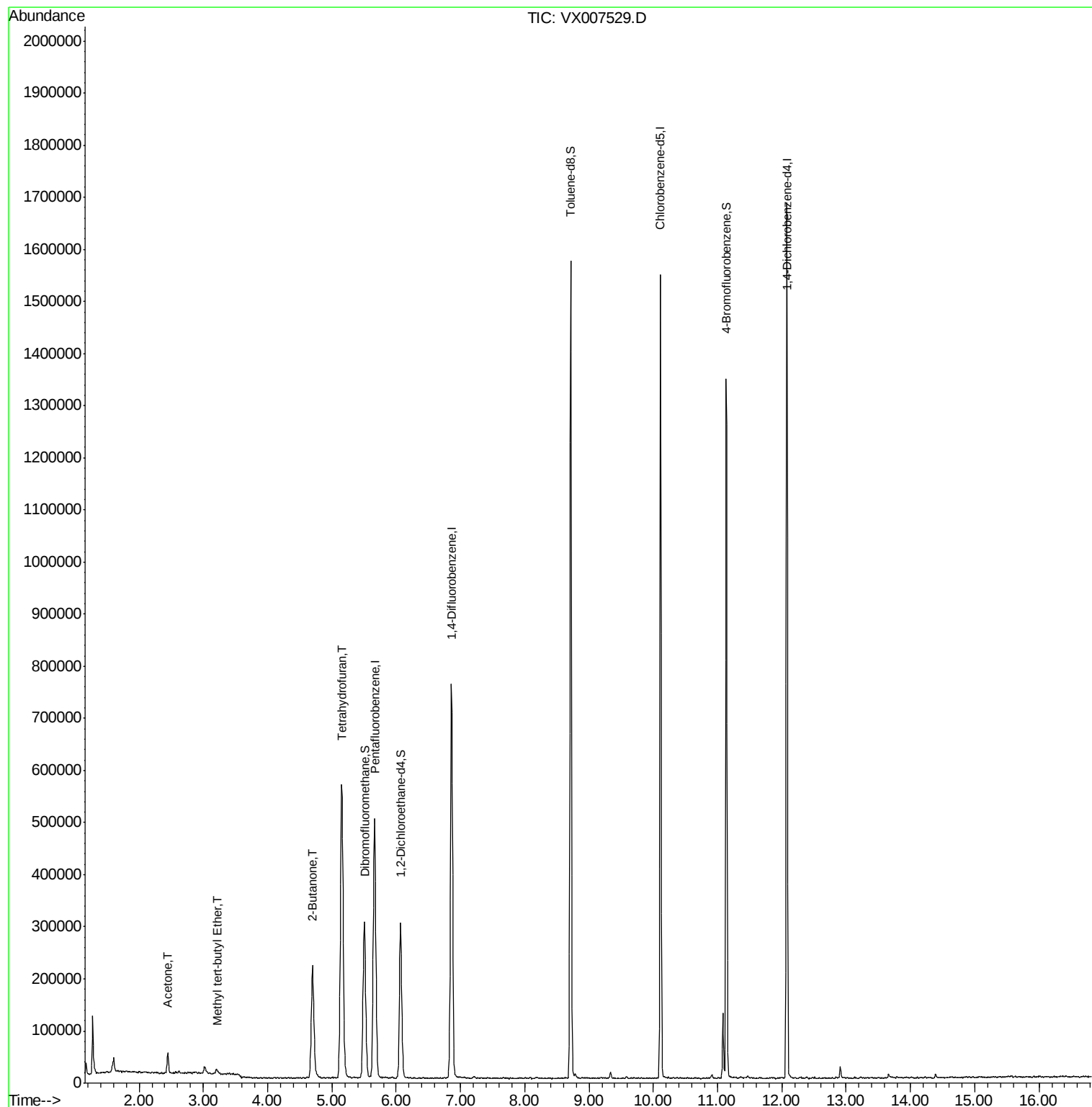
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	516948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	794948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	361734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277424	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	5.51	113	258057	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	8.71	98	942423	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.13	95	342665	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
Target Compounds						
16) Acetone	2.45	43	42986	17.102	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	10258	0.642	ug/l	95
25) 2-Butanone	4.70	43	379382	106.063	ug/l	99
29) Tetrahydrofuran	5.15	42	524934	233.341	ug/l	100

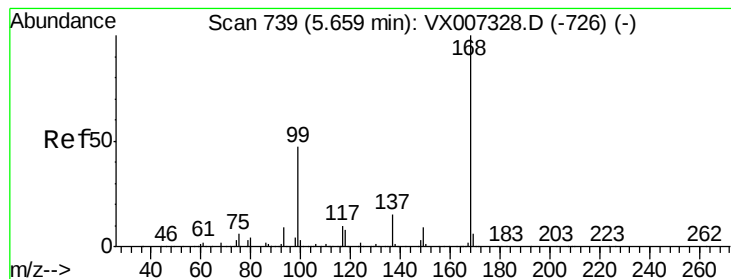
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007529.D

Acq: 13 Feb 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

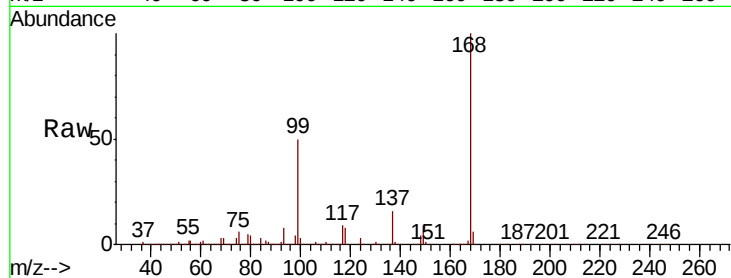
M2-TI-02(PRE-GAC)

Tot Ion:168 Resp: 516948

Ion Ratio Lower Upper

168 100

99 50.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

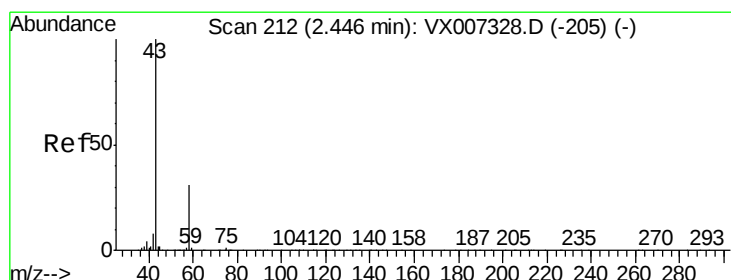
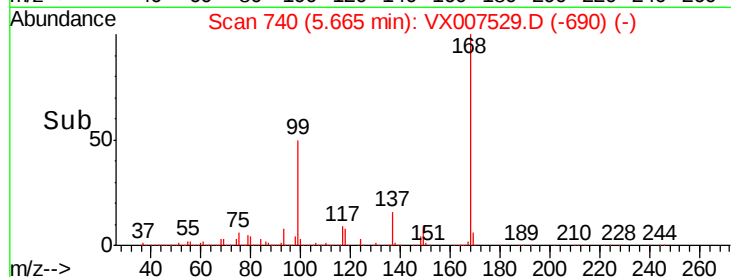
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 17.102 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007529.D

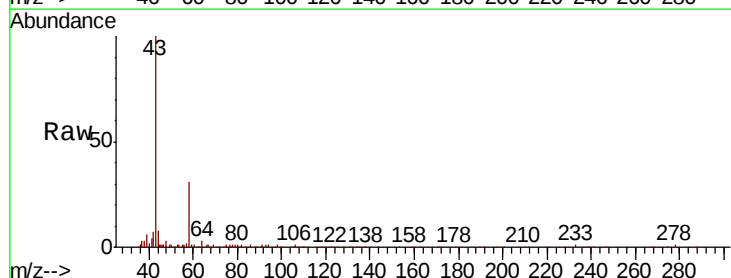
Acq: 13 Feb 2019 19:10

Tgt Ion: 43 Resp: 42986

Ion Ratio Lower Upper

43 100

58 30.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

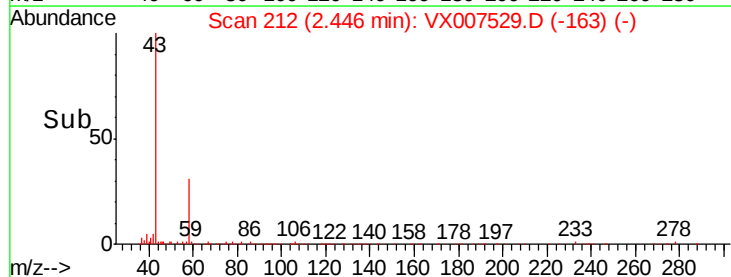
15000

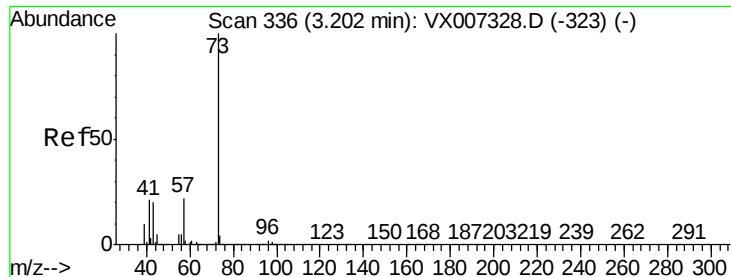
10000

5000

0

Time-->



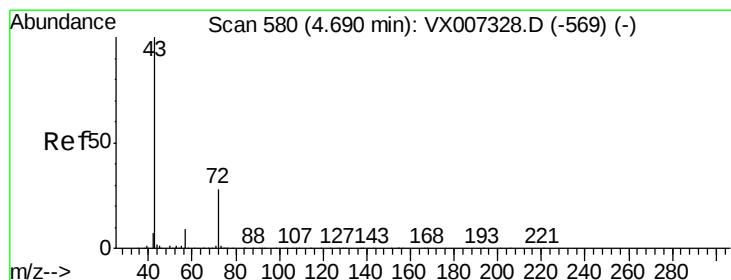
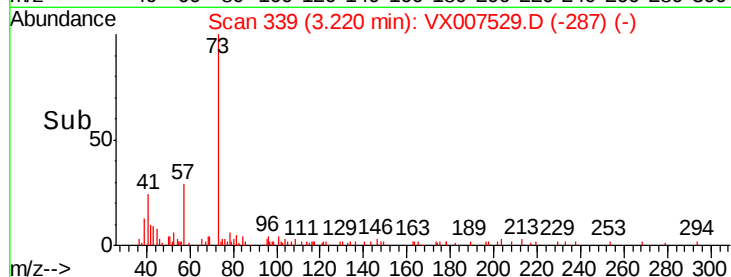
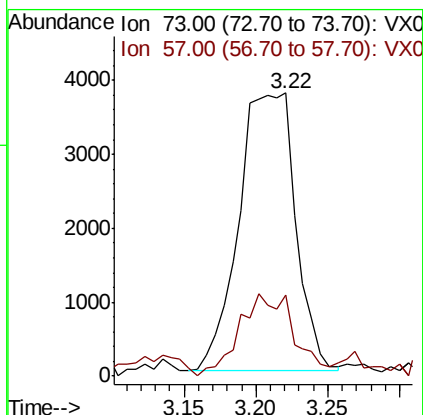
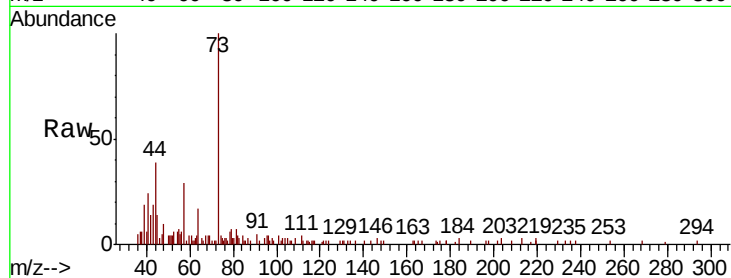


#19

Methvl tert-butvl Ether
 Concen: 0.642 ug/l
 RT: 3.22 min Scan# 339
 Delta R.T. 0.02 min
 Lab File: VX007529.D
 Acq: 13 Feb 2019 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-TI-02(PRE-GAC)

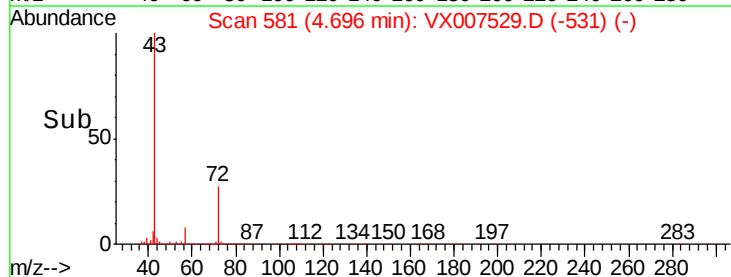
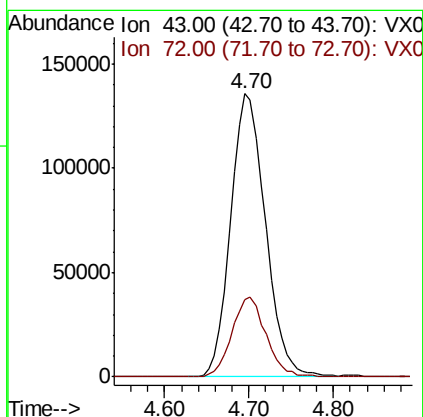
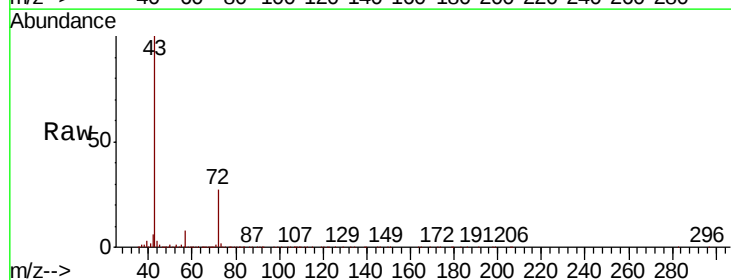
Tot Ion: 73 Resp: 10258
 Ion Ratio Lower Upper
 73 100
 57 24.8 17.8 26.8

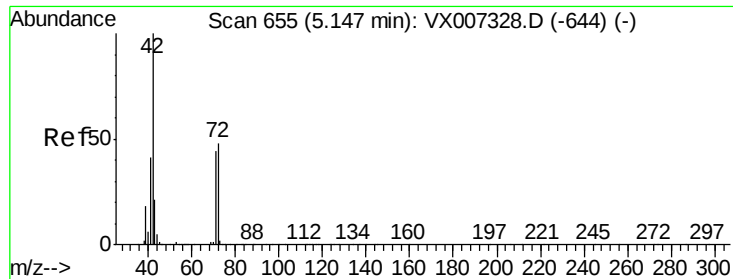


#25

2-Butanone
 Concen: 106.063 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: VX007529.D
 Acq: 13 Feb 2019 19:10

Tgt Ion: 43 Resp: 379382
 Ion Ratio Lower Upper
 43 100
 72 27.2 22.2 33.2

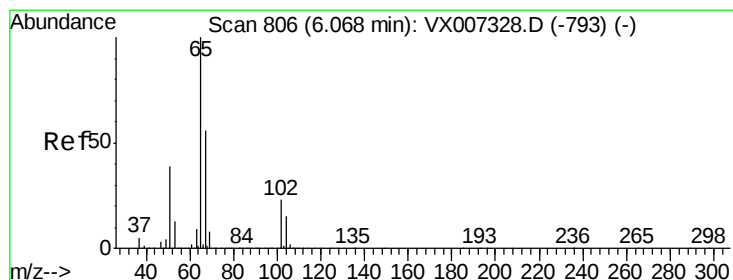
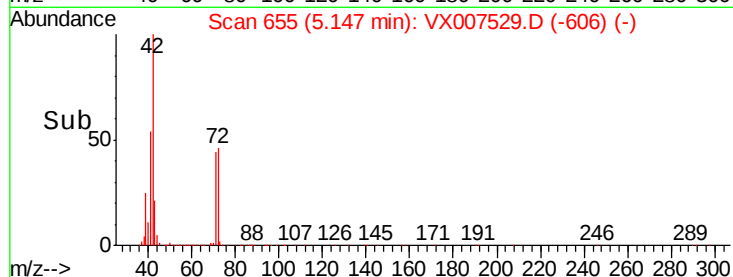
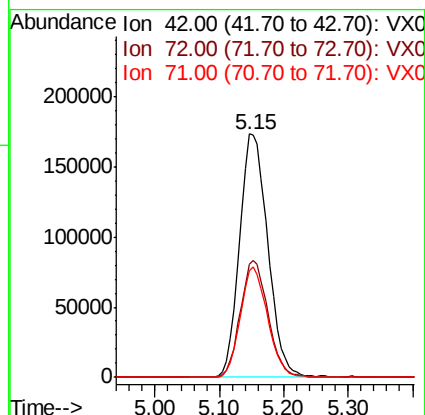
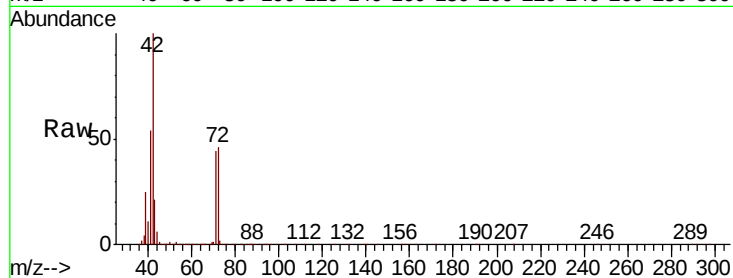




#29
Tetrahydrofuran
Concen: 233.341 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX007529.D
Acq: 13 Feb 2019 19:10

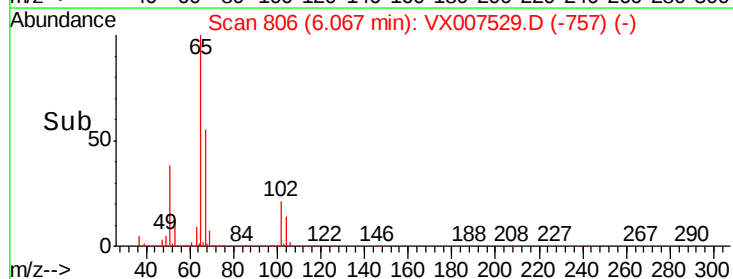
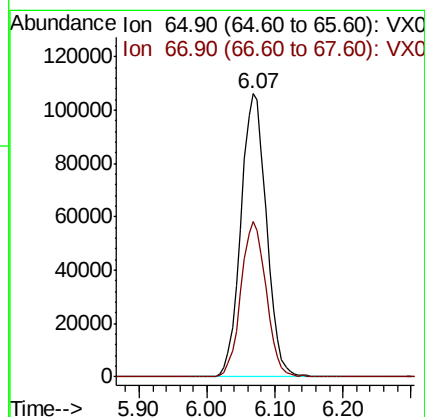
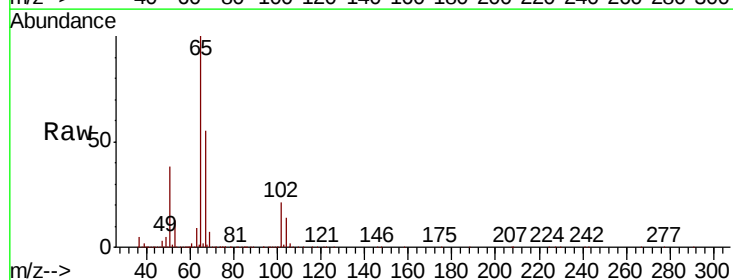
Instrument :
MSVOA_X
ClientSampleId :
M2-TI-02(PRE-GAC)

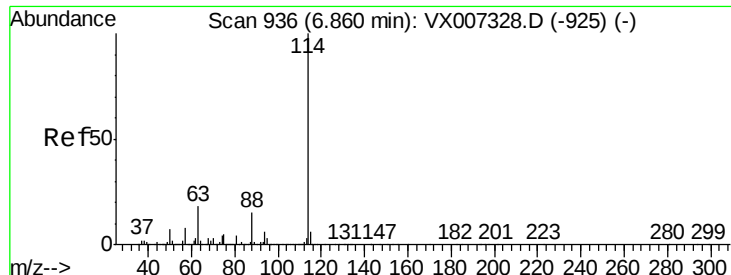
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.6	56.4
71	43.7	34.6	51.8



#33
1,2-Dichloroethane-d4
Concen: 50.560 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007529.D
Acq: 13 Feb 2019 19:10

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007529.D

Acq: 13 Feb 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

M2-TI-02(PRE-GAC)

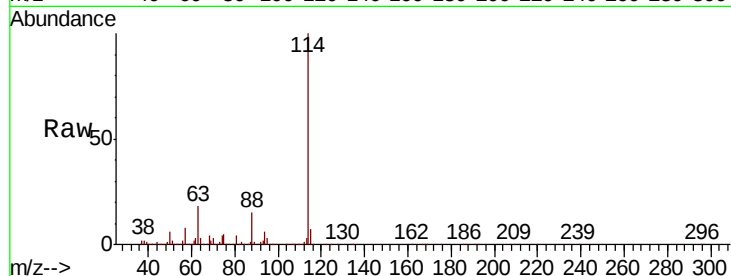
Tot Ion:114 Resp: 794948

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

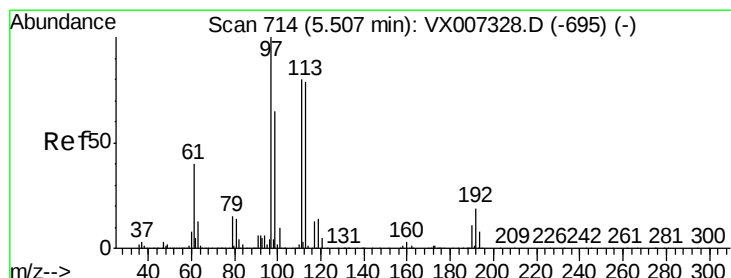
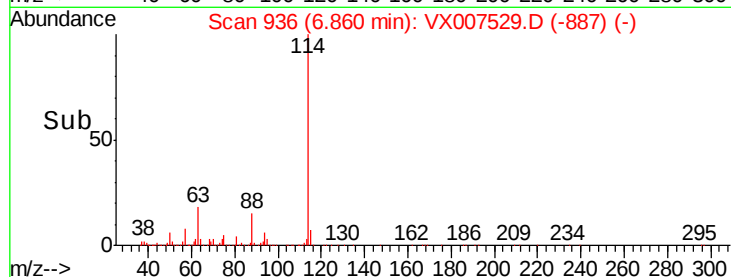
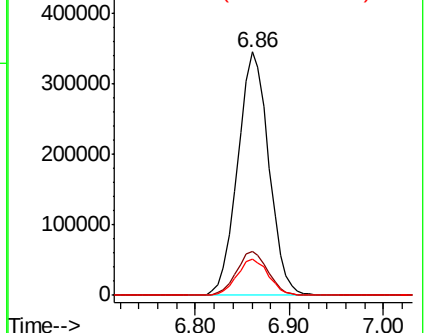
88 14.8 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.891 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007529.D

Acq: 13 Feb 2019 19:10

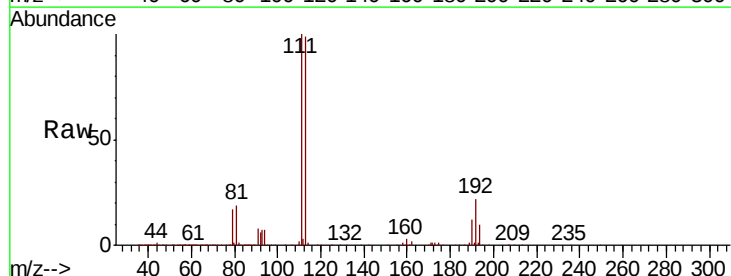
Tgt Ion:113 Resp: 258057

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

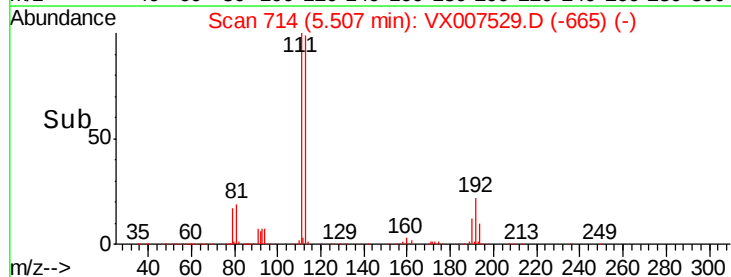
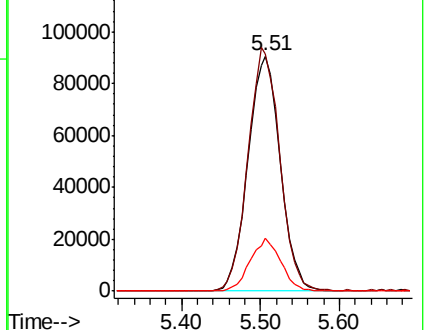
192 21.3 18.5 27.7

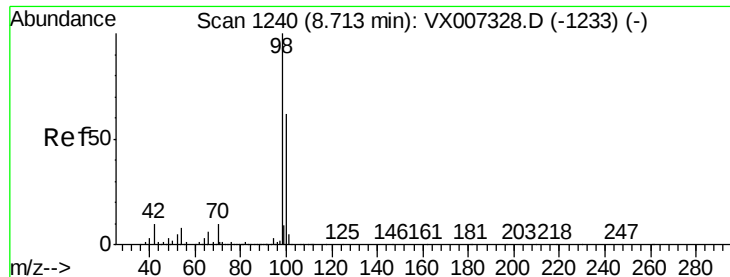


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.108 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007529.D

Acq: 13 Feb 2019 19:10

Instrument :

MSVOA_X

ClientSampleId :

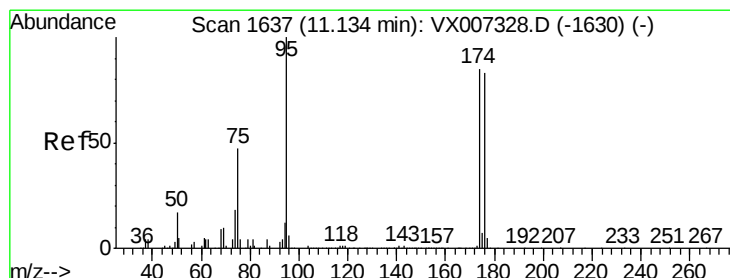
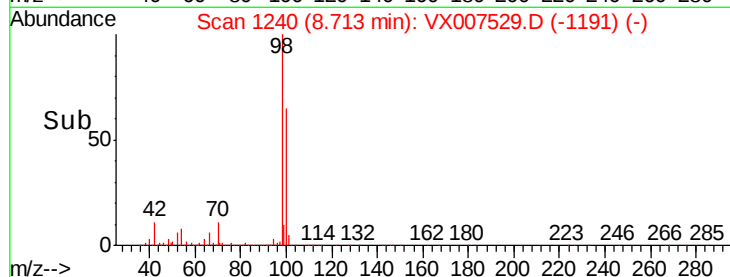
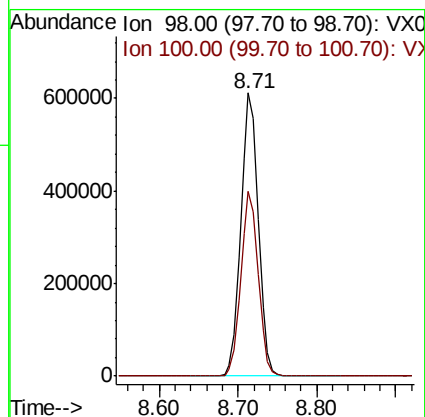
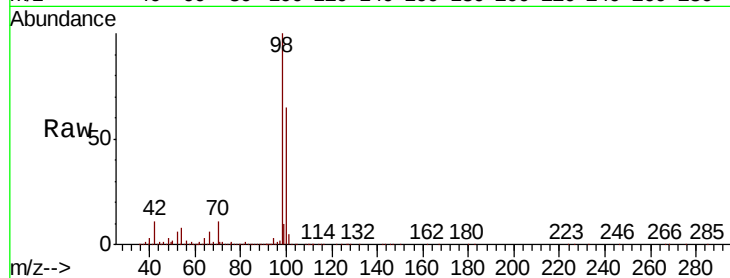
M2-TI-02(PRE-GAC)

Tot Ion: 98 Resp: 942423

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.907 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007529.D

Acq: 13 Feb 2019 19:10

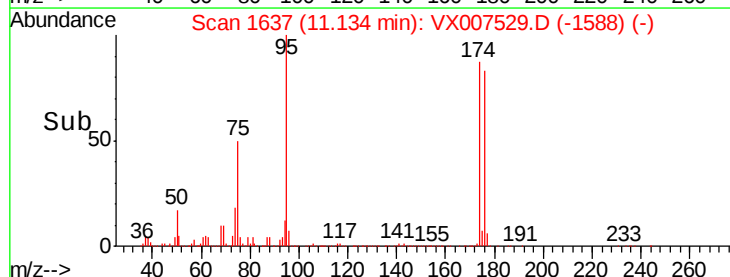
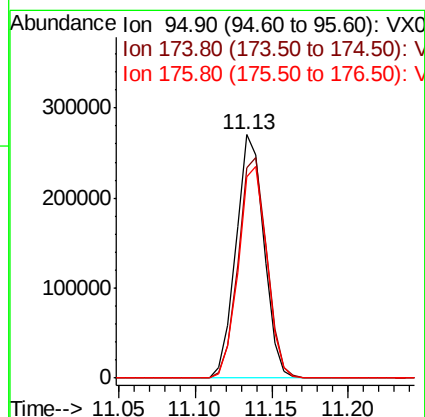
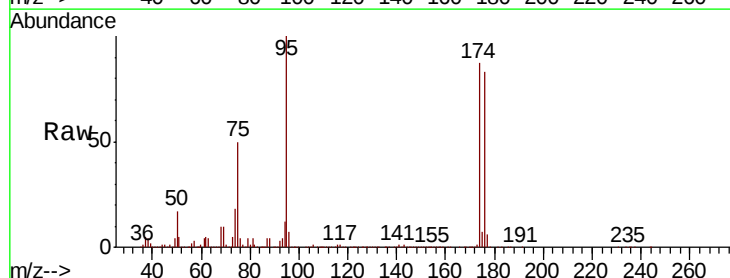
Tgt Ion: 95 Resp: 342665

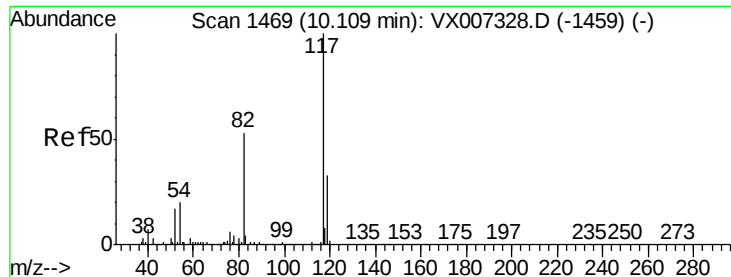
Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 89.0 0.0 186.2

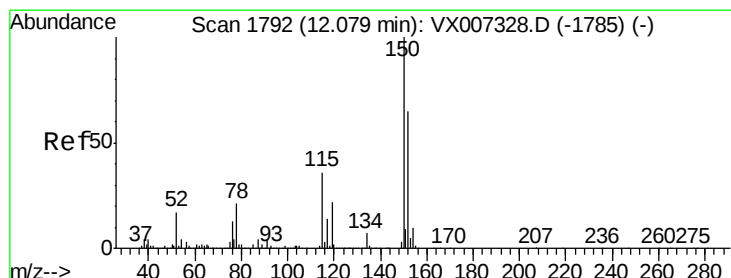
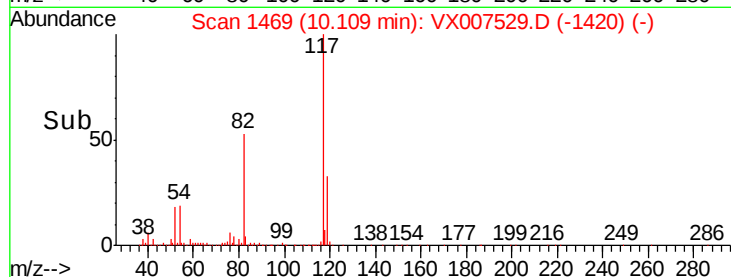
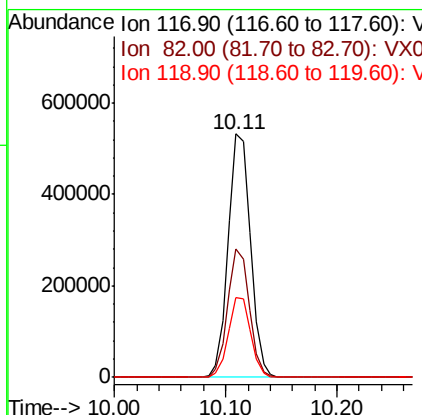
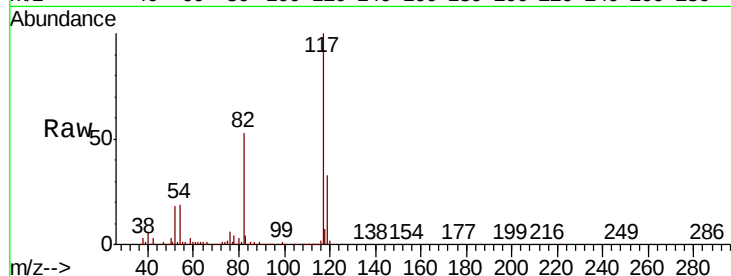




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007529.D
Acq: 13 Feb 2019 19:10

Instrument :
MSVOA_X
ClientSampleId :
M2-TI-02(PRE-GAC)

Tot Ion:117 Resp: 742713
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007529.D
Acq: 13 Feb 2019 19:10

Tgt Ion:152 Resp: 361734
Ion Ratio Lower Upper
152 100
115 54.9 38.0 114.0
150 156.4 0.0 346.4

