

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021819\
 Data File : VX007592.D
 Acq On : 18 Feb 2019 16:52
 Operator : JC/SP
 Sample : K1508-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-13-S

Quant Time: Feb 19 05:46:58 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

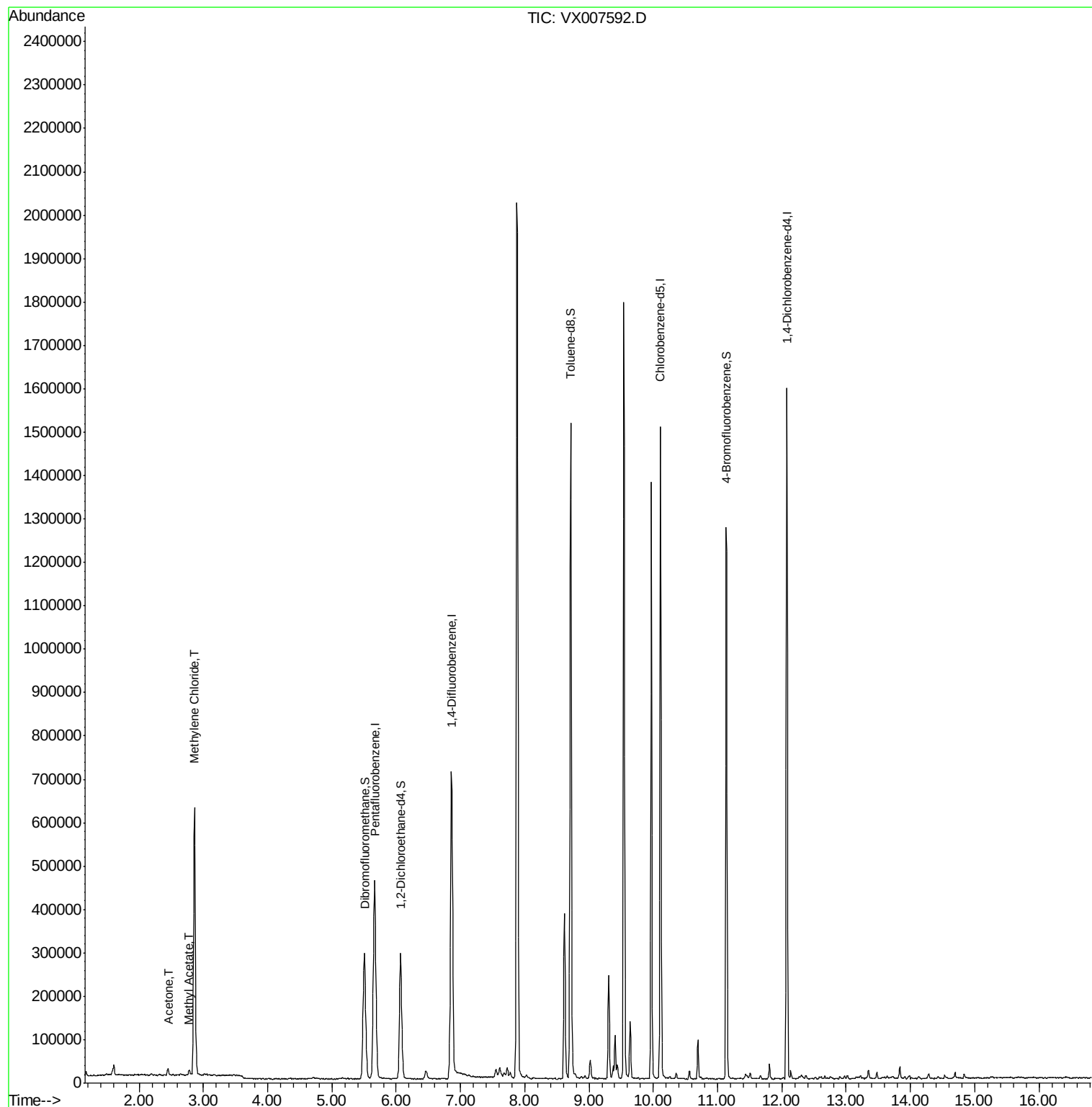
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	465614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	741478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	722454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	337641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	262960	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
35) Dibromofluoromethane	5.51	113	245210	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	922285	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.13	95	322153	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
Target Compounds						
16) Acetone	2.45	43	16492	7.285	ug/l	100
18) Methyl Acetate	2.78	43	15446	3.181	ug/l	91
20) Methylene Chloride	2.86	84	285882	61.918	ug/l	98

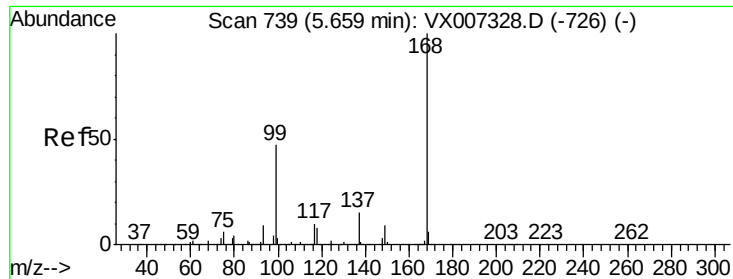
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007592.D

Acq: 18 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

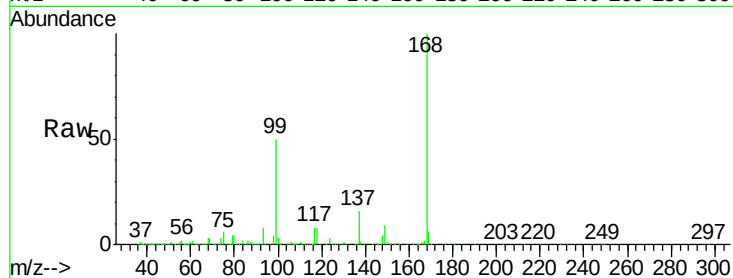
M-13-S

Tot Ion:168 Resp: 465614

Ion Ratio Lower Upper

168 100

99 49.7 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

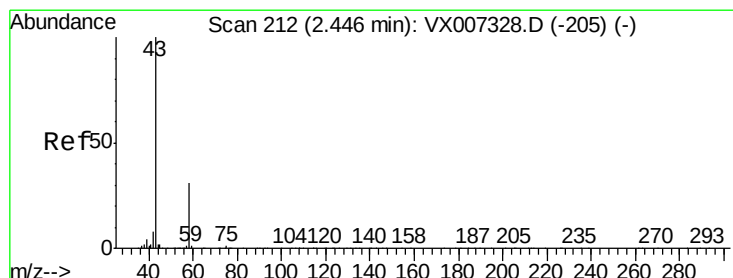
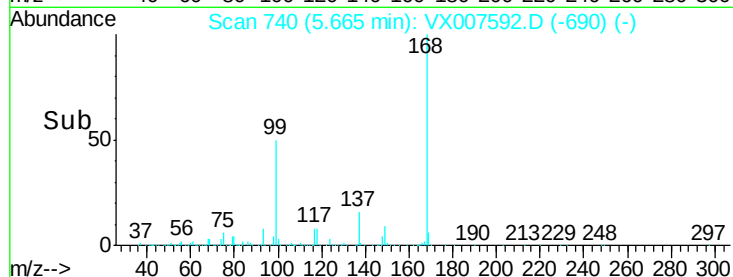
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.285 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007592.D

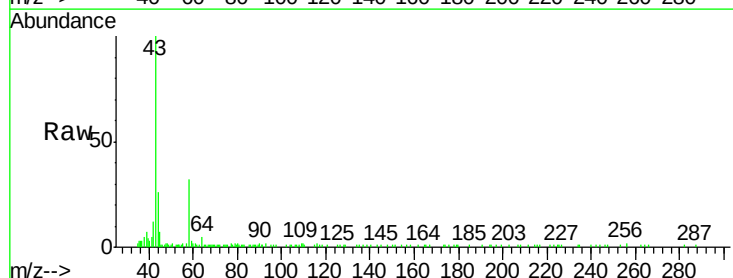
Acq: 18 Feb 2019 16:52

Tgt Ion: 43 Resp: 16492

Ion Ratio Lower Upper

43 100

58 31.3 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

10000

8000

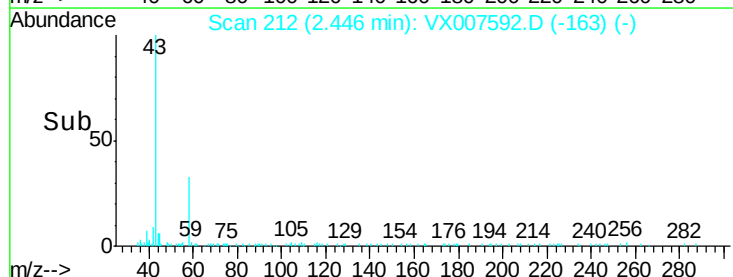
6000

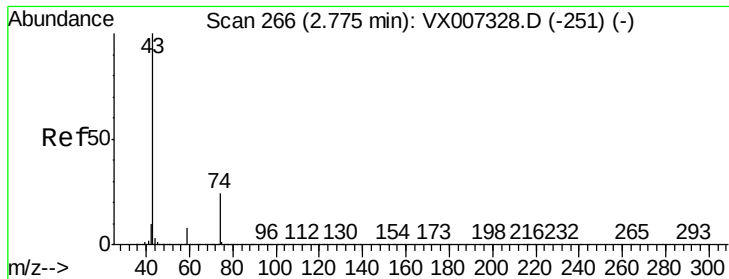
4000

2000

0

Time-->

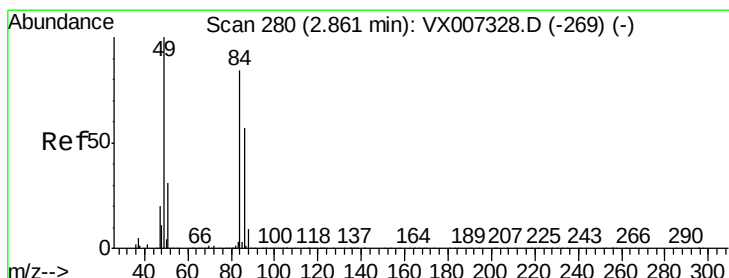
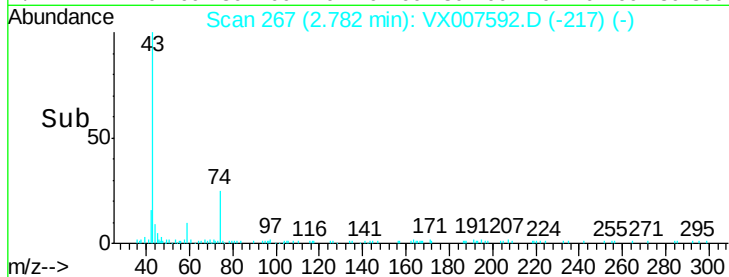
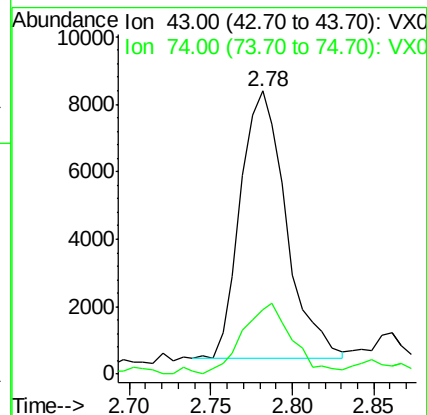
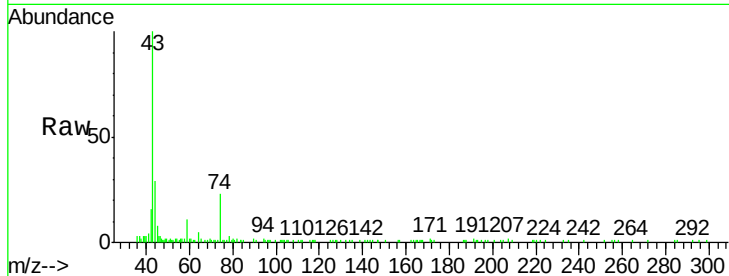




#18
Methyl Acetate
Concen: 3.181 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007592.D
Acq: 18 Feb 2019 16:52

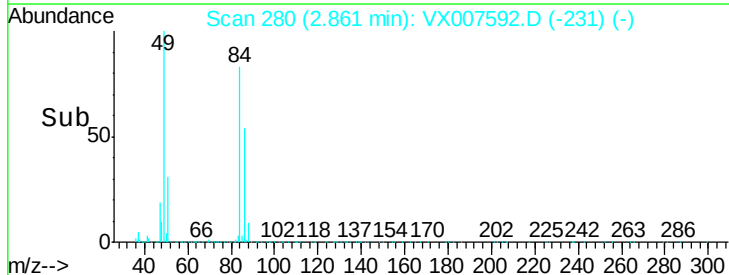
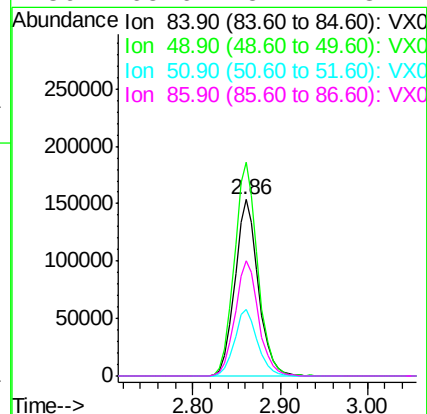
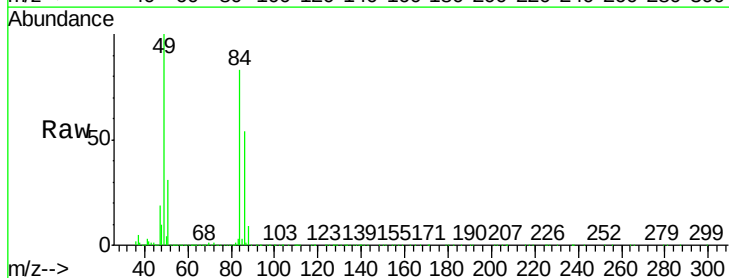
Instrument :
MSVOA_X
ClientSampleId :
M-13-S

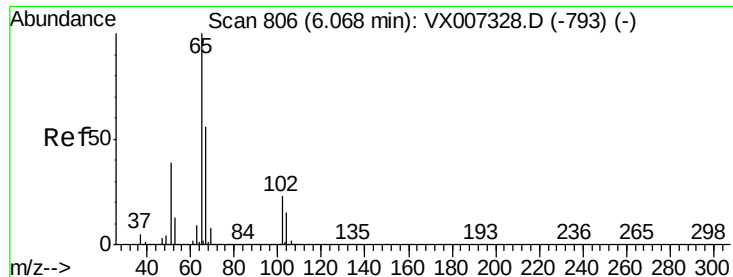
Tot Ion: 43 Resp: 15446
Ion Ratio Lower Upper
43 100
74 28.7 19.4 29.2



#20
Methylene Chloride
Concen: 61.918 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007592.D
Acq: 18 Feb 2019 16:52

Tgt Ion: 84 Resp: 285882
Ion Ratio Lower Upper
84 100
49 120.9 94.8 142.2
51 37.8 29.8 44.8
86 65.6 54.1 81.1

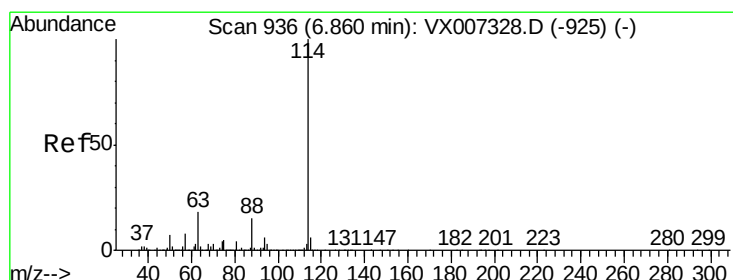
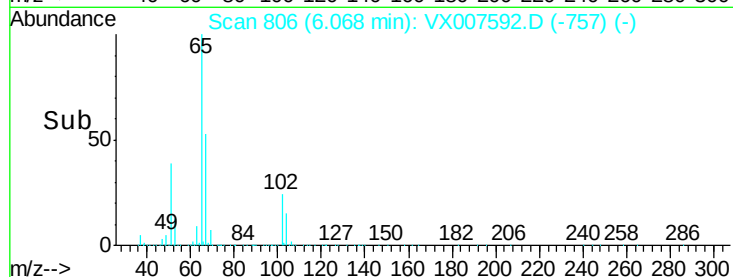
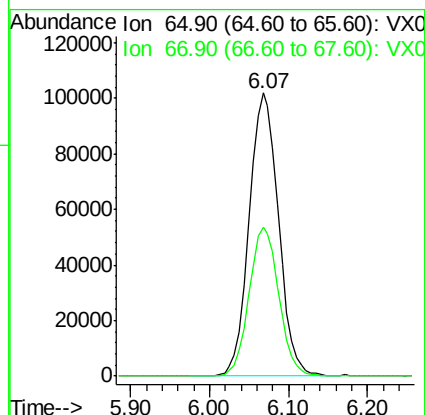
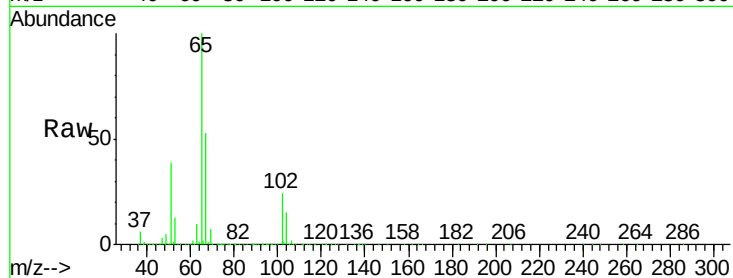




#33
 1,2-Dichloroethane-d4
 Concen: 53.208 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007592.D
 Acq: 18 Feb 2019 16:52

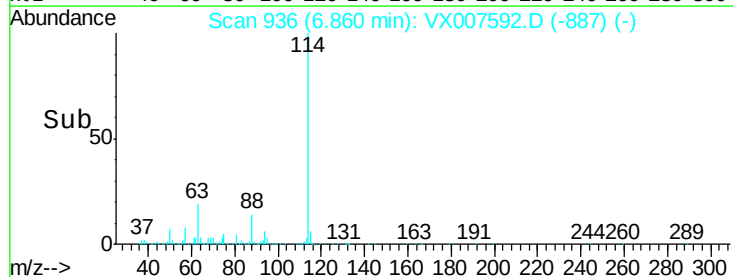
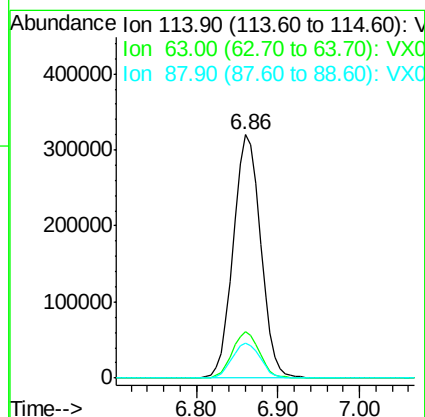
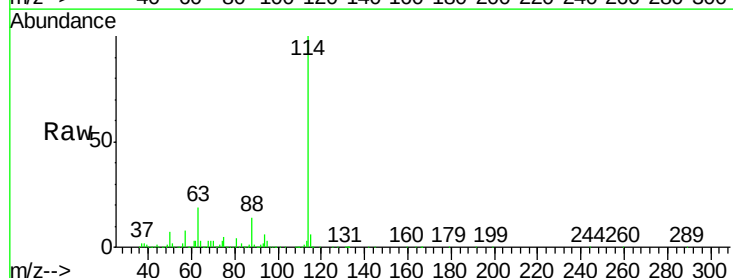
Instrument :
 MSVOA_X
 ClientSampleId :
 M-13-S

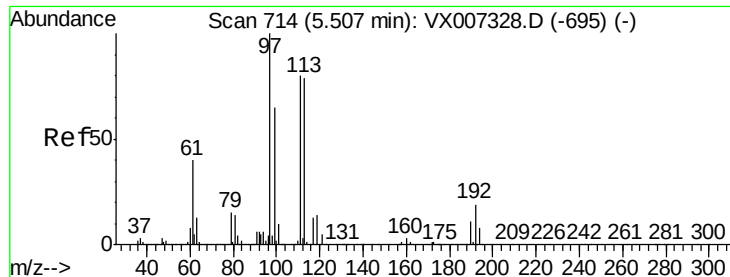
Tot Ion: 65 Resp: 262960
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007592.D
 Acq: 18 Feb 2019 16:52

Tgt Ion: 114 Resp: 741478
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.6
 88 14.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.826 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007592.D

Acq: 18 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

M-13-S

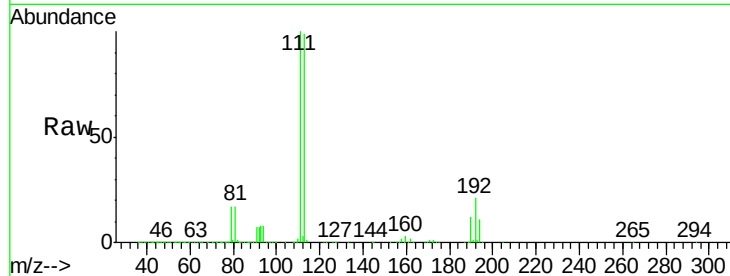
Tot Ion:113 Resp: 245210

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

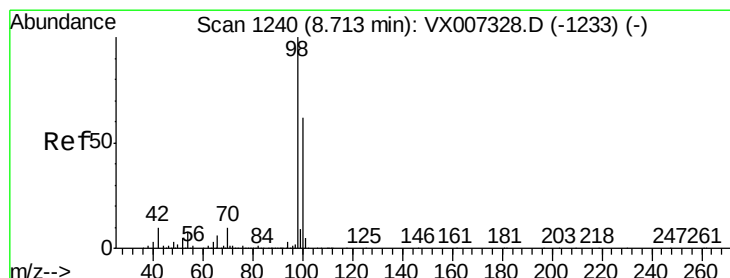
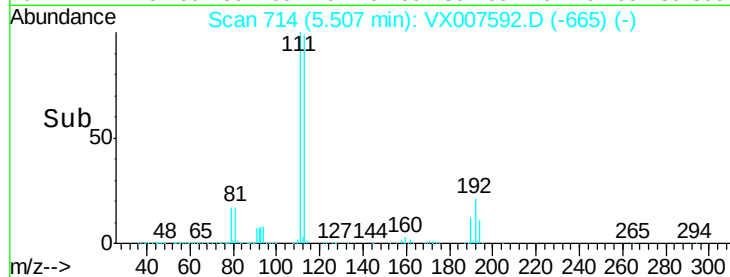
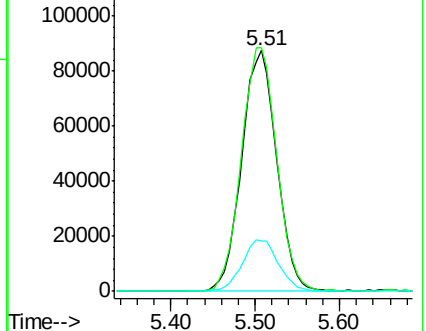
192 22.1 18.5 27.7



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: 51.525 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007592.D

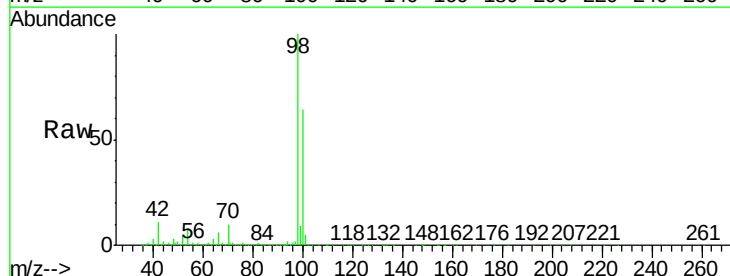
Acq: 18 Feb 2019 16:52

Tgt Ion: 98 Resp: 922285

Ion Ratio Lower Upper

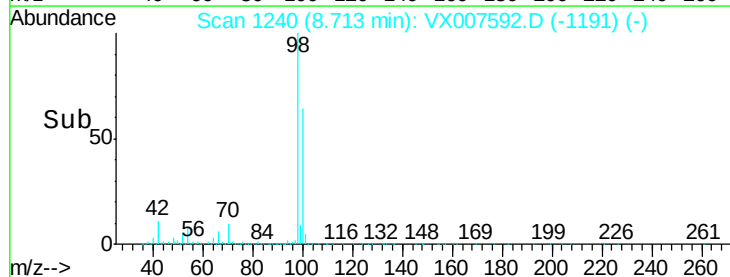
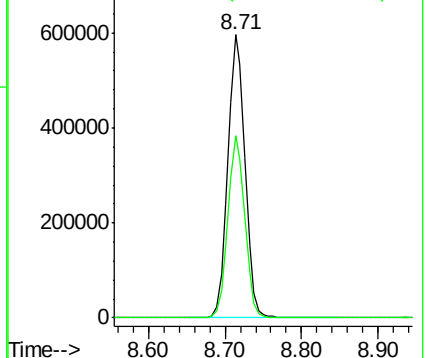
98 100

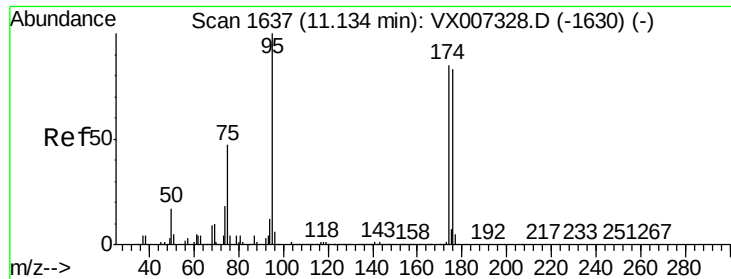
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

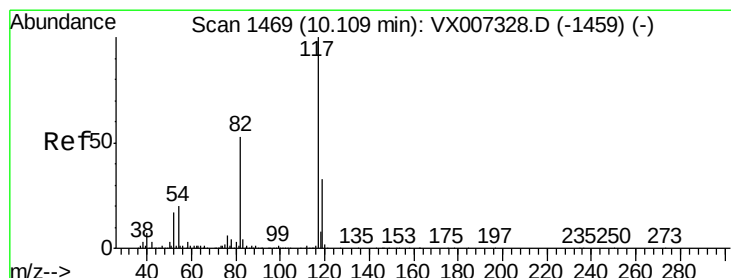
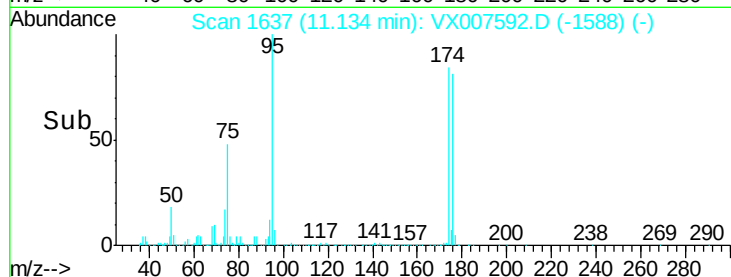
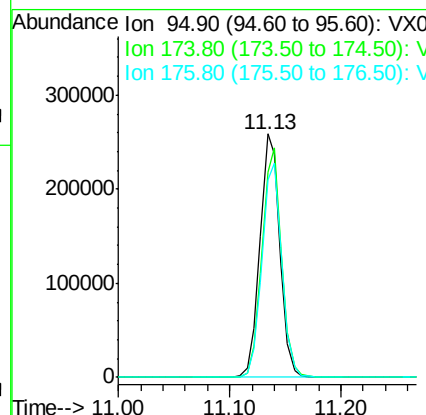
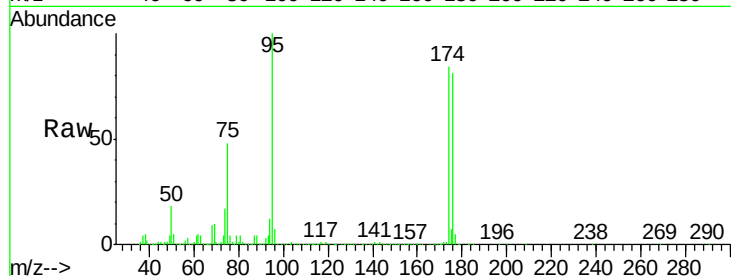




#62
4-Bromofluorobenzene
Concen: 49.295 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007592.D
Acq: 18 Feb 2019 16:52

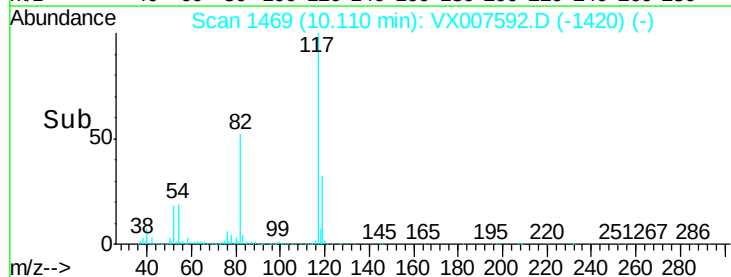
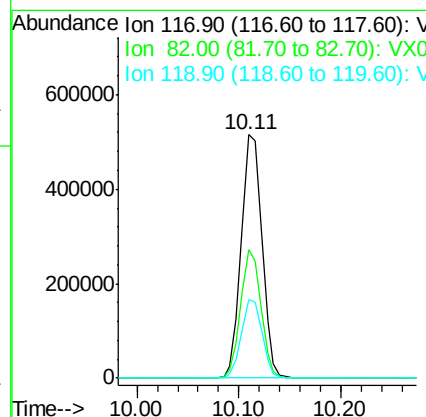
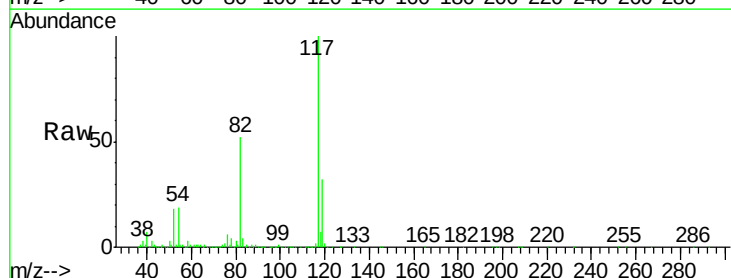
Instrument :
MSVOA_X
ClientSampleId :
M-13-S

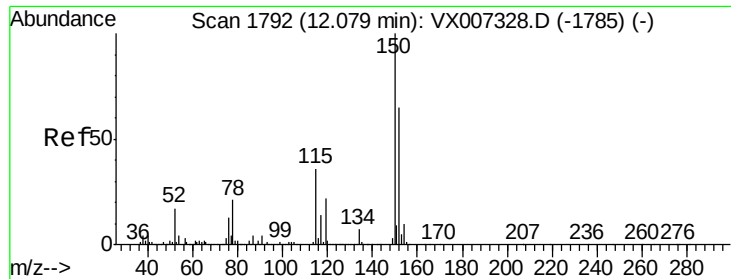
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	189.2
176	88.1	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007592.D
Acq: 18 Feb 2019 16:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.1	63.1
119	32.2	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: VX007592.D

Acq: 18 Feb 2019 16:52

Instrument :

MSVOA_X

ClientSampleId :

M-13-S

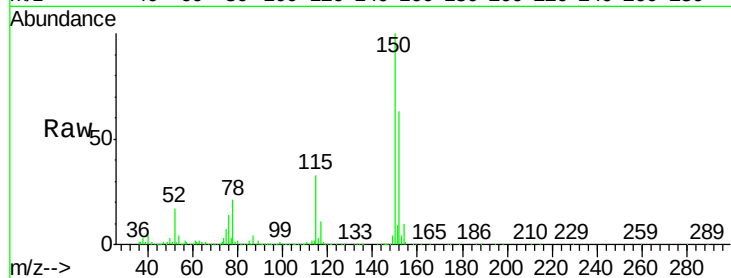
Tot Ion:152 Resp: 337641

Ion Ratio Lower Upper

152 100

115 54.3 38.0 114.0

150 159.9 0.0 346.4



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

