

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021819\
 Data File : VX007591.D
 Acq On : 18 Feb 2019 16:25
 Operator : JC/SP
 Sample : K1508-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-12-D

Quant Time: Feb 19 05:44:50 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

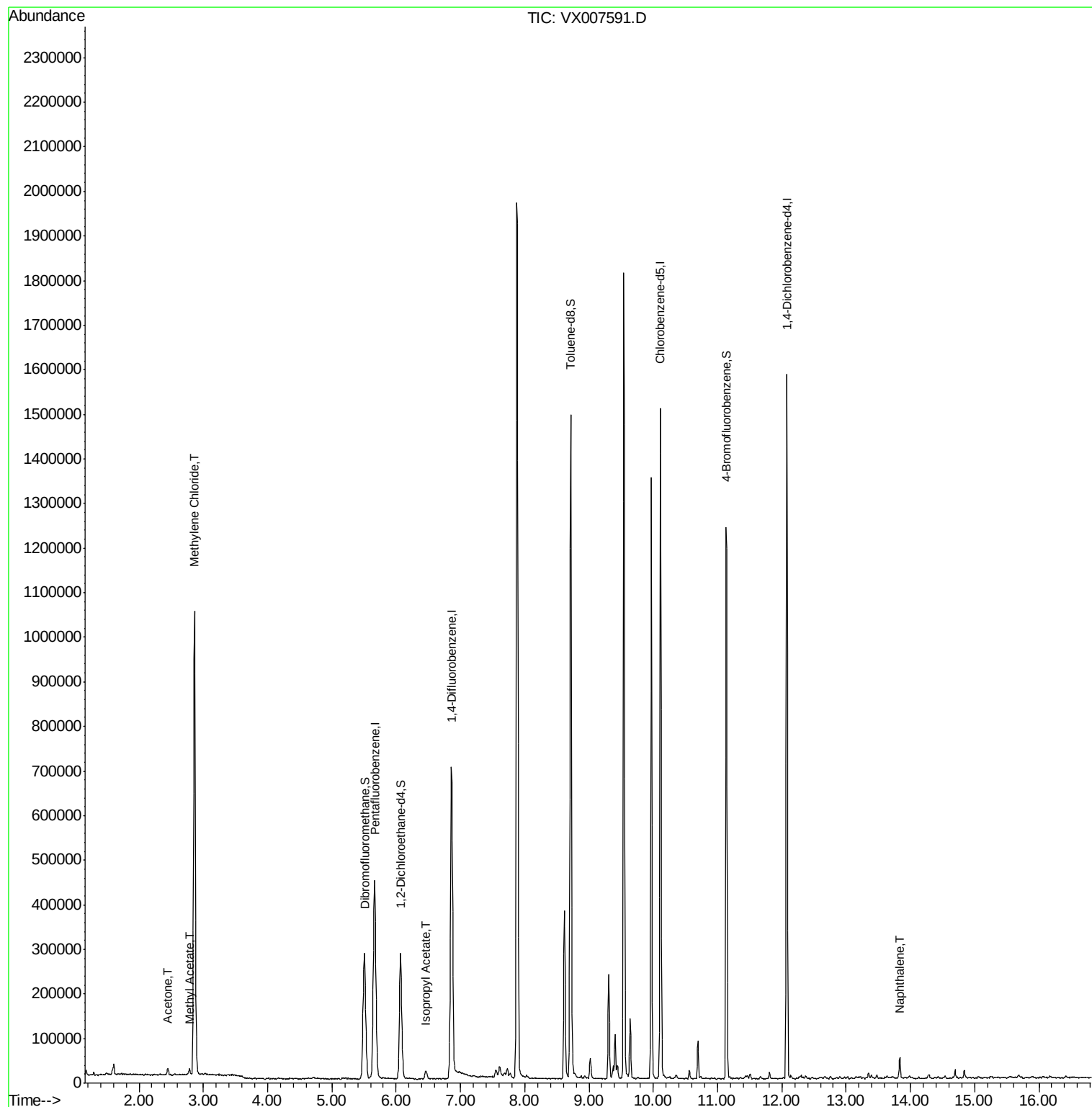
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	463362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	743879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	716146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	332875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	260934	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	5.50	113	240956	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	8.71	98	913711	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	314110	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	2.45	43	17216	7.642	ug/l	98
18) Methyl Acetate	2.78	43	15641	3.226	ug/l	92
20) Methylene Chloride	2.86	84	487702	106.426	ug/l	98
43) Isopropyl Acetate	6.46	43	24589	2.361	ug/l #	93
95) Naphthalene	13.83	128	29071	1.295	ug/l	100

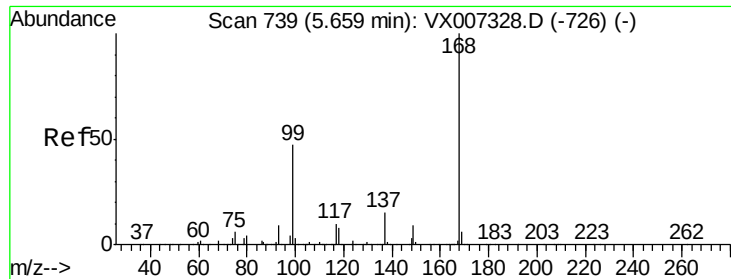
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007591.D

Acq: 18 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

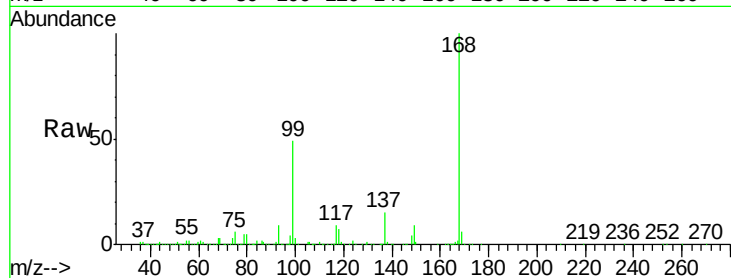
M-12-D

Tot Ion:168 Resp: 463362

Ion Ratio Lower Upper

168 100

99 48.7 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

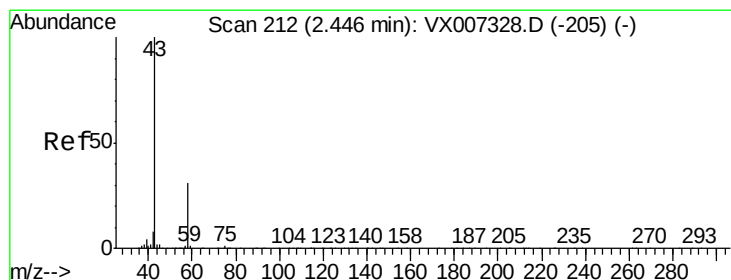
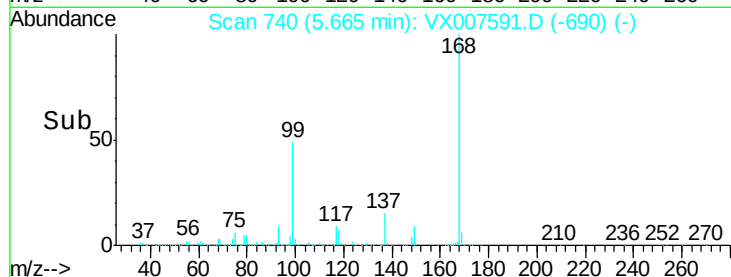
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.642 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007591.D

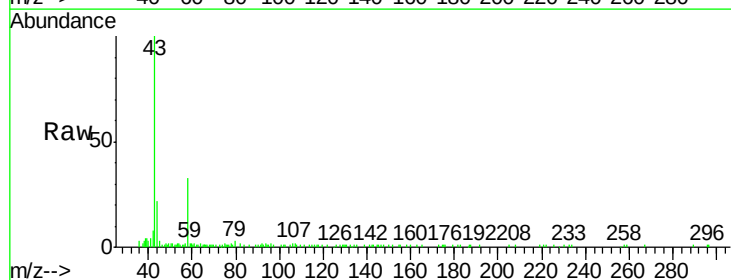
Acq: 18 Feb 2019 16:25

Tgt Ion: 43 Resp: 17216

Ion Ratio Lower Upper

43 100

58 32.1 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

12000

10000

8000

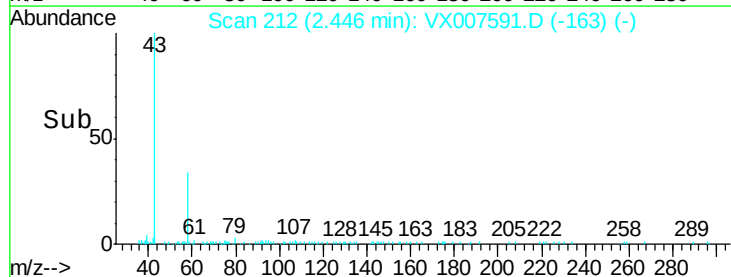
6000

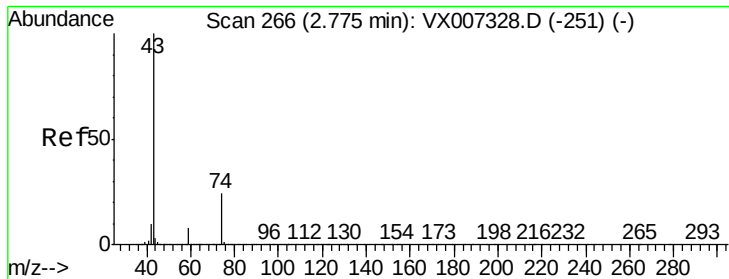
4000

2000

0

Time-->

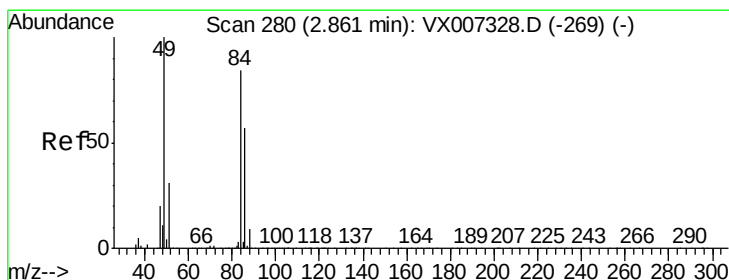
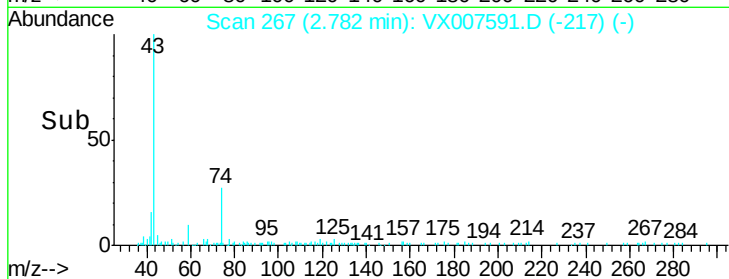
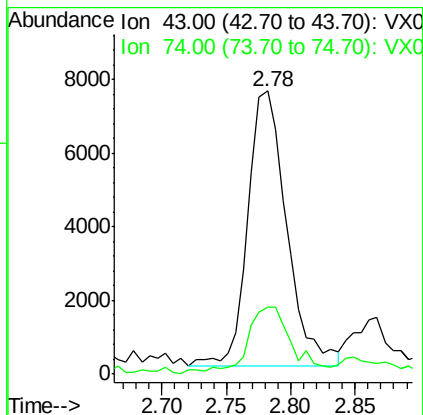
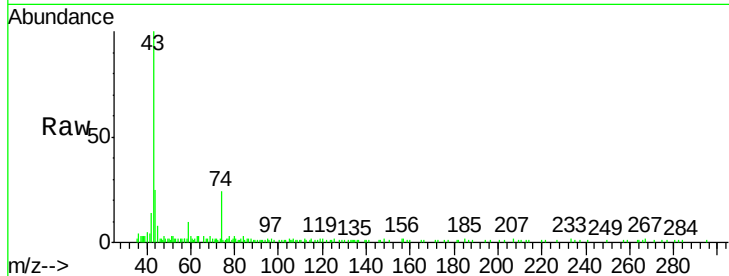




#18
Methyl Acetate
Concen: 3.226 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

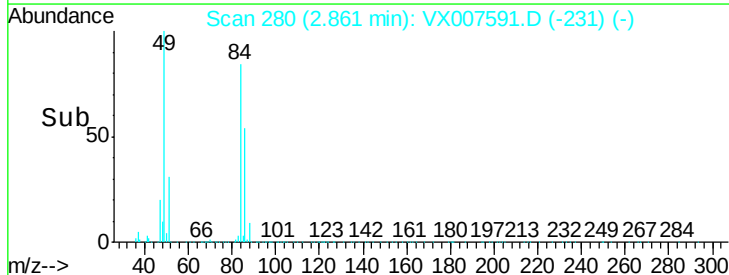
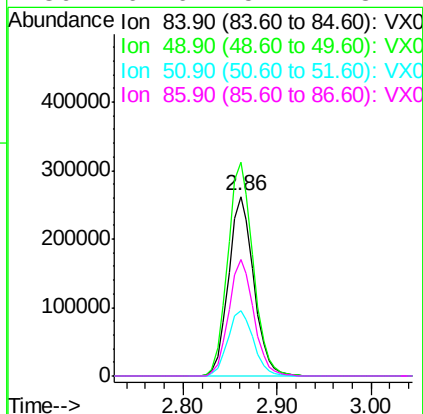
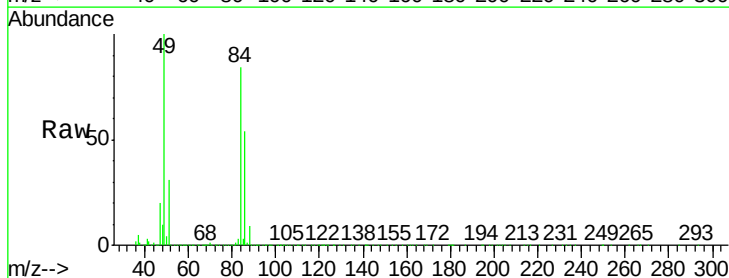
Instrument :
MSVOA_X
ClientSampleId :
M-12-D

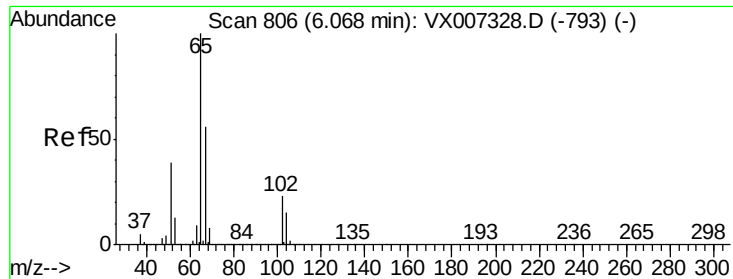
Tot Ion: 43 Resp: 15641
Ion Ratio Lower Upper
43 100
74 28.3 19.4 29.2



#20
Methylene Chloride
Concen: 106.426 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion: 84 Resp: 487702
Ion Ratio Lower Upper
84 100
49 119.0 94.8 142.2
51 36.4 29.8 44.8
86 64.6 54.1 81.1

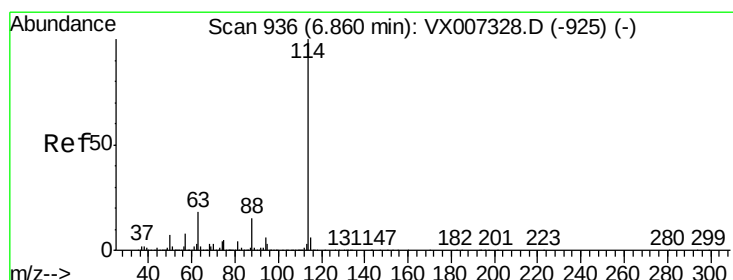
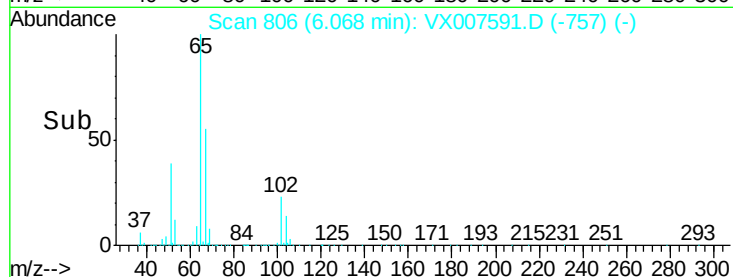
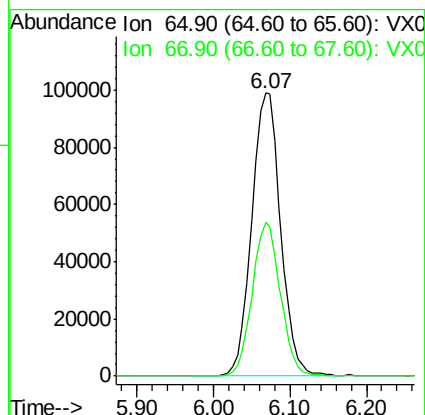
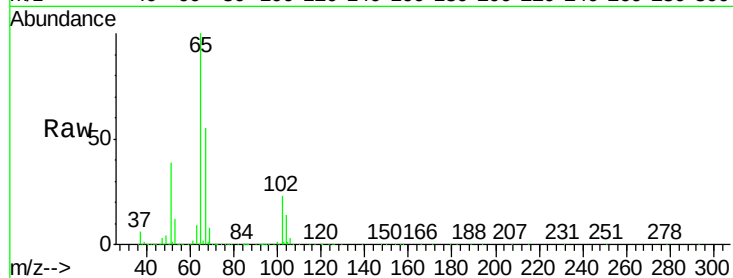




#33
 1,2-Dichloroethane-d4
 Concen: 53.055 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007591.D
 Acq: 18 Feb 2019 16:25

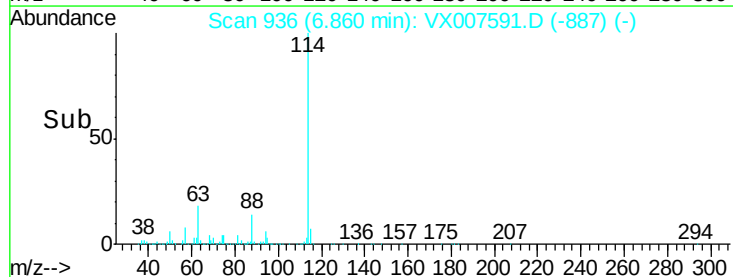
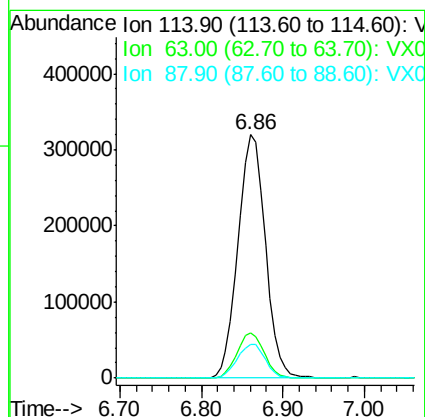
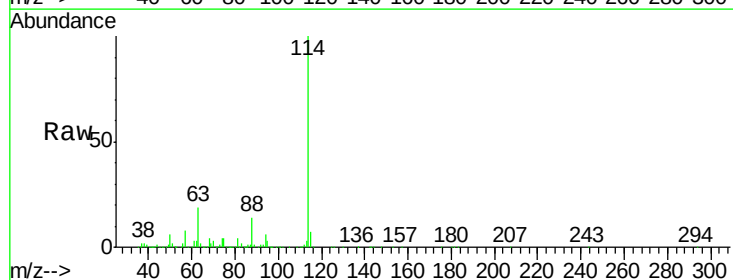
Instrument :
 MSVOA_X
 ClientSampled :
 M-12-D

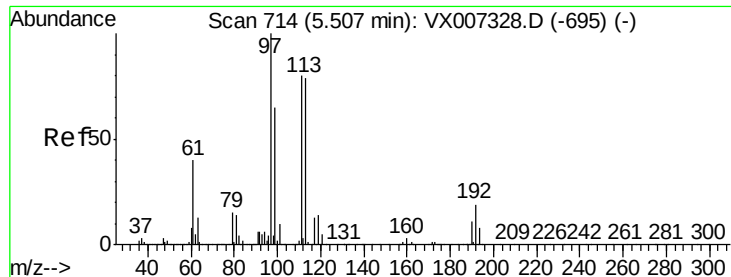
Tot Ion: 65 Resp: 260934
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007591.D
 Acq: 18 Feb 2019 16:25

Tgt Ion: 114 Resp: 743879
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.6
 88 13.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.783 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007591.D

Acq: 18 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

M-12-D

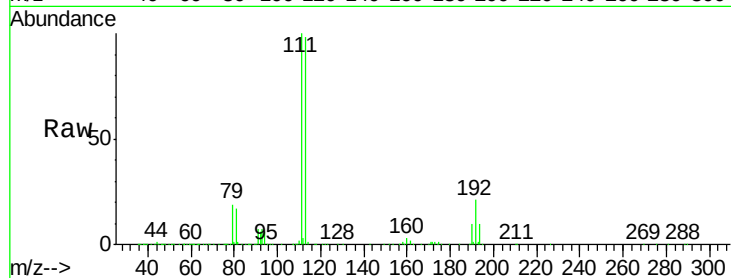
Tot Ion:113 Resp: 240956

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

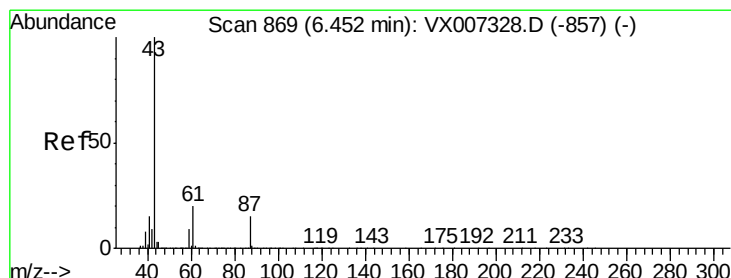
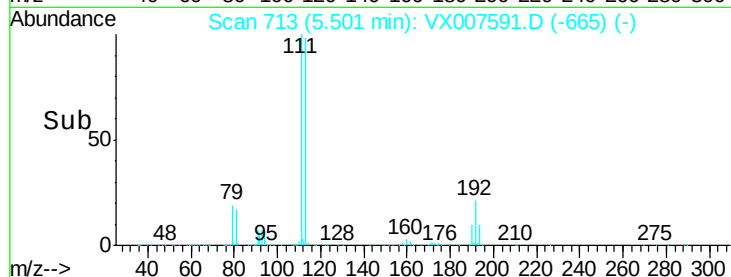
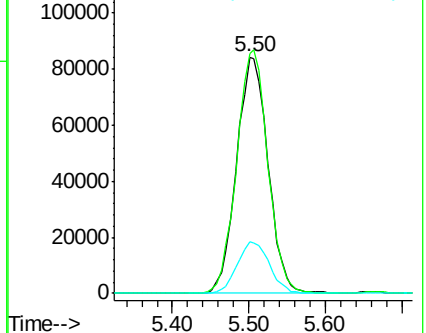
192 22.2 18.5 27.7



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



#43

Isopropyl Acetate

Concen: 2.361 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007591.D

Acq: 18 Feb 2019 16:25

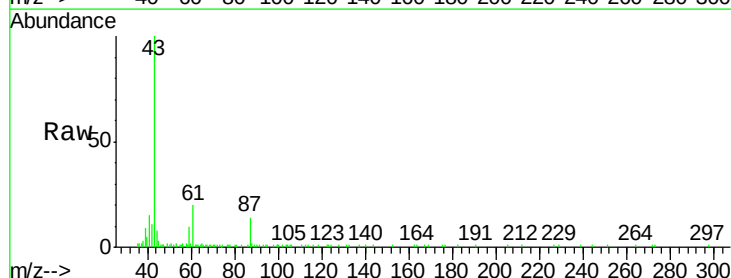
Tgt Ion: 43 Resp: 24589

Ion Ratio Lower Upper

43 100

61 24.3 16.1 24.1#

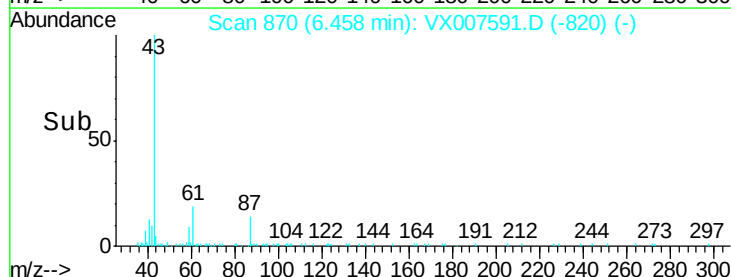
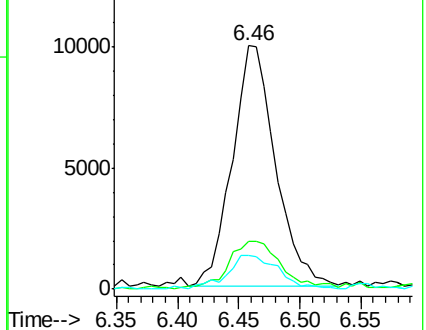
87 16.5 11.5 17.3

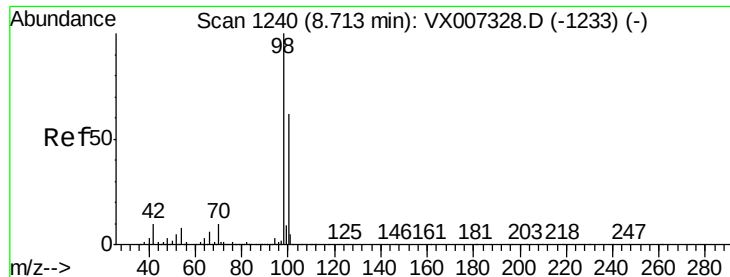


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.881 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007591.D

Acq: 18 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

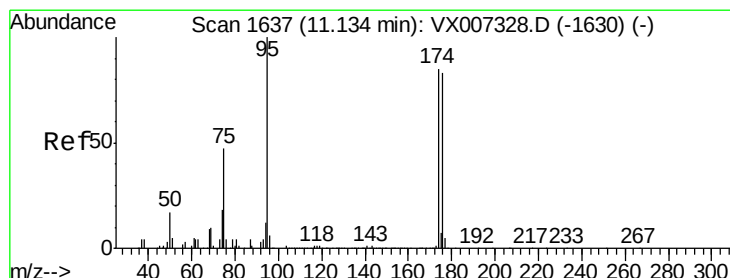
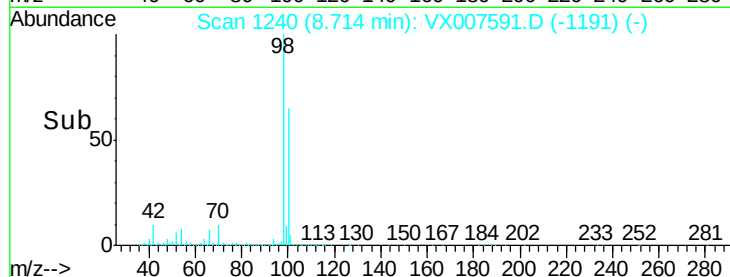
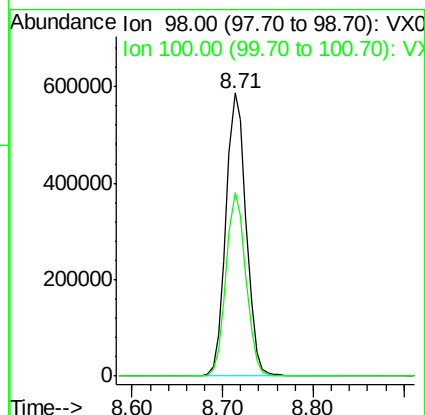
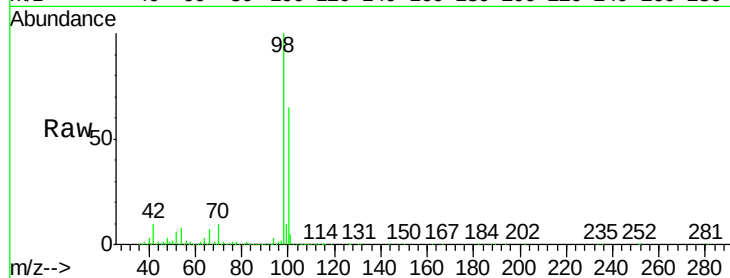
M-12-D

Tot Ion: 98 Resp: 913711

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.909 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007591.D

Acq: 18 Feb 2019 16:25

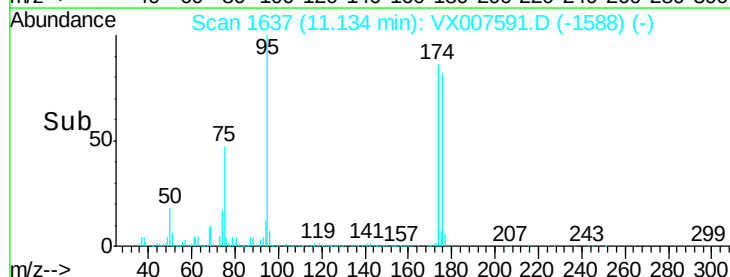
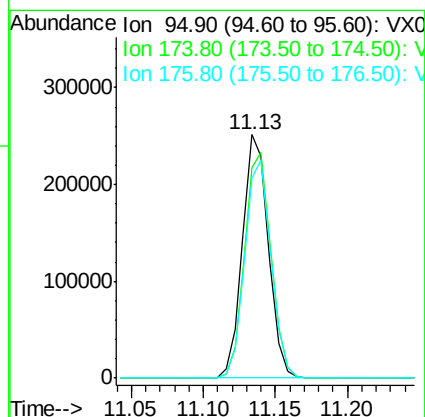
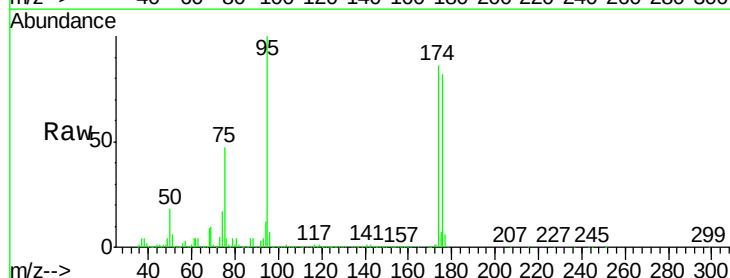
Tgt Ion: 95 Resp: 314110

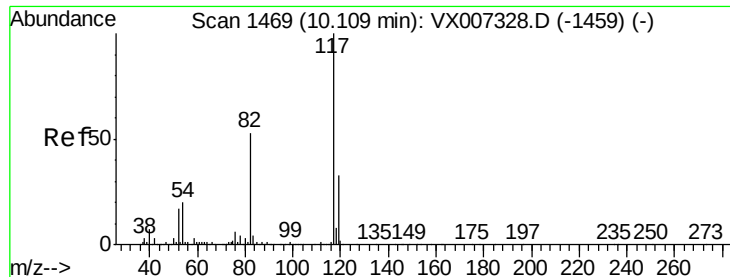
Ion Ratio Lower Upper

95 100

174 94.5 0.0 189.2

176 90.6 0.0 186.2

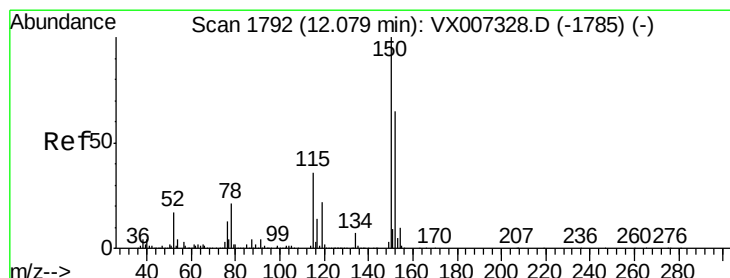
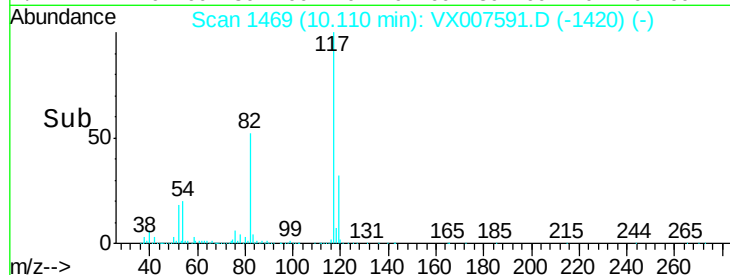
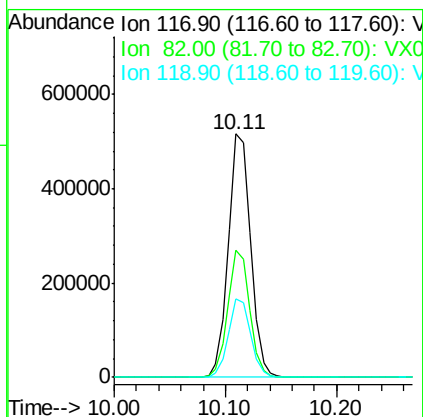
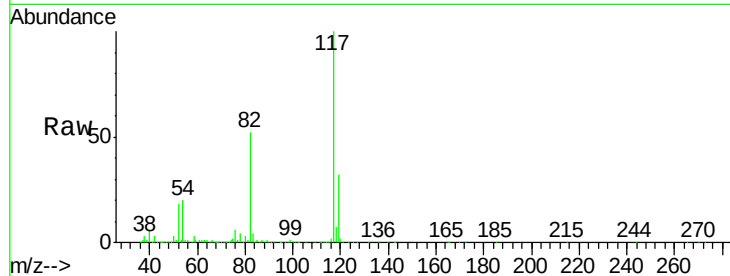




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

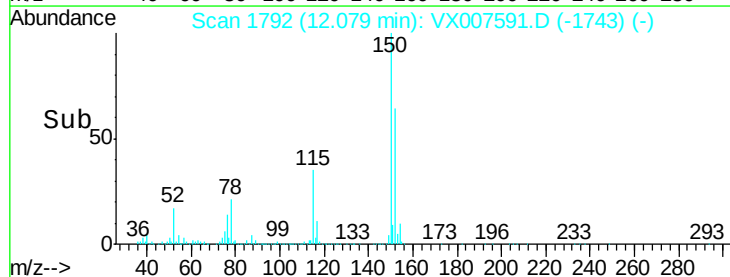
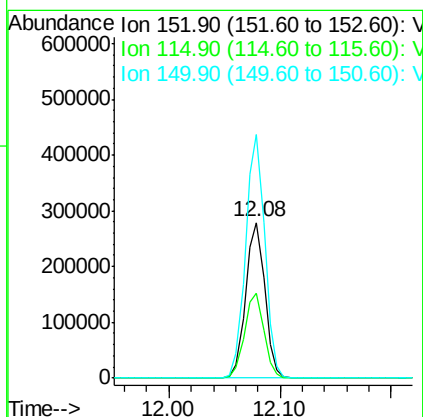
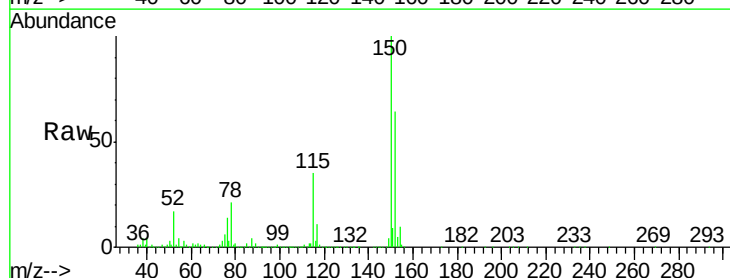
Instrument :
MSVOA_X
ClientSampleId :
M-12-D

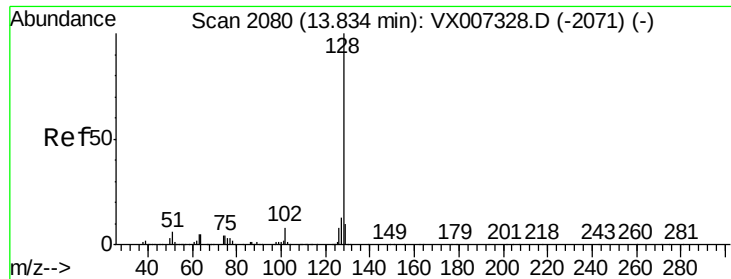
Tot Ion:117 Resp: 716146
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007591.D
Acq: 18 Feb 2019 16:25

Tgt Ion:152 Resp: 332875
Ion Ratio Lower Upper
152 100
115 55.3 38.0 114.0
150 157.1 0.0 346.4





#95

Naphthalene

Concen: 1.295 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007591.D

Acq: 18 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

M-12-D

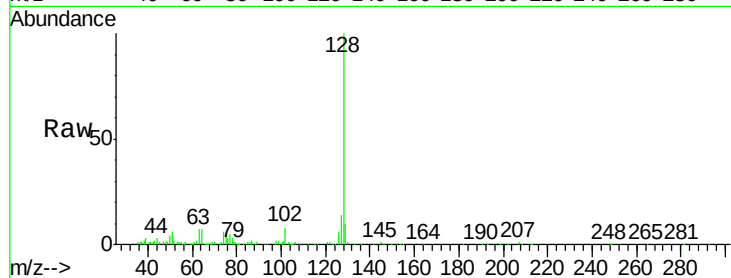
Tot Ion:128 Resp: 29071

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.2 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

