

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004008.D
 Acq On : 13 Aug 2018 18:47
 Operator : JC/MD
 Sample : J4442-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-2

Quant Time: Aug 14 05:22:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

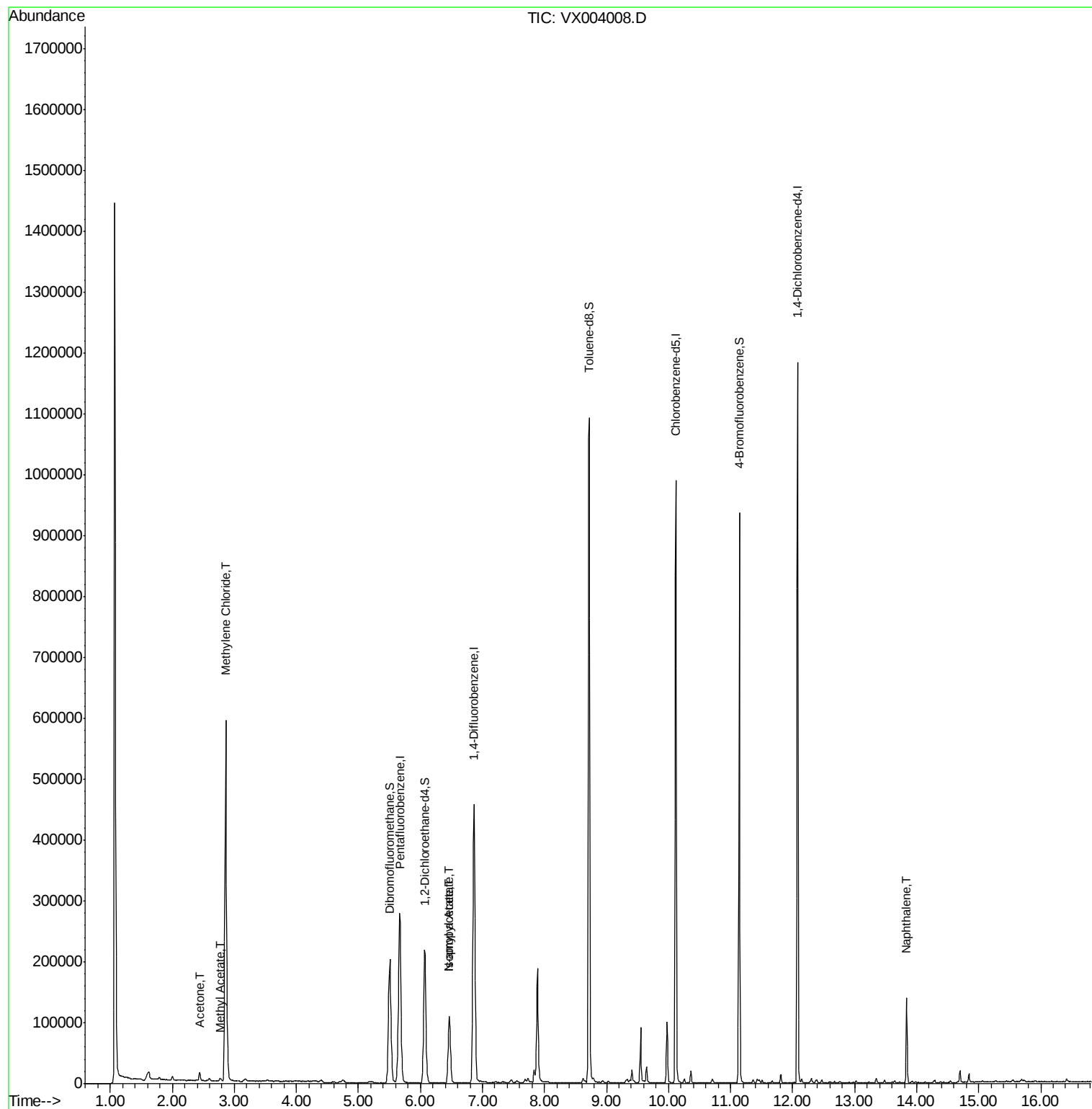
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	474588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204305	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	5.50	113	176041	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	8.72	98	658074	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.14	95	228209	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
16) Acetone	2.44	43	15345	6.79	ug/l	93
18) Methyl Acetate	2.77	43	6413	1.30	ug/l	95
20) Methylene Chloride	2.86	84	286668	52.34	ug/l	98
43) Isopropyl Acetate	6.46	43	148020	16.82	ug/l	99
74) N-amyl acetate	6.46	43	148020	16.00	ug/l #	99
95) Naphthalene	13.83	128	86203	4.81	ug/l	99

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

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QLast Update : Mon Aug 13 01:34:27 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004008.D

Acq: 13 Aug 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

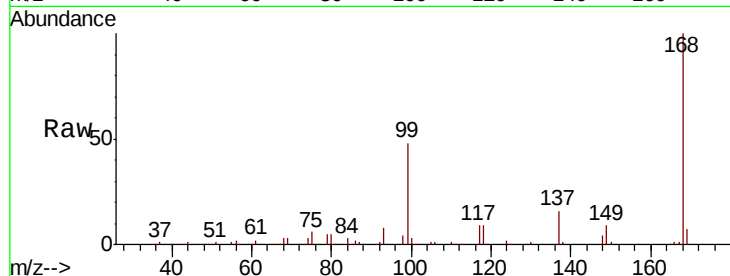
SP-1-2

Tot Ion:168 Resp: 286436

Ion Ratio Lower Upper

168 100

99 48.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

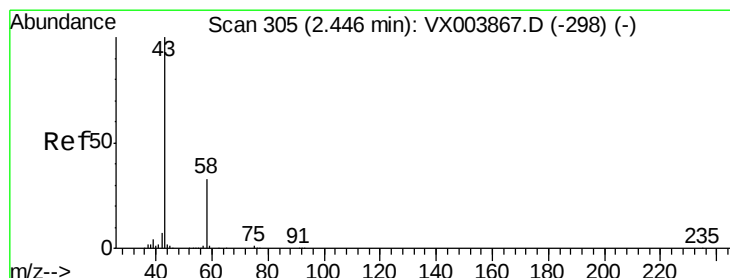
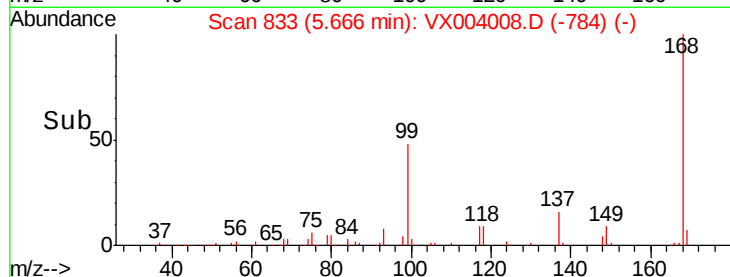
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 6.79 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004008.D

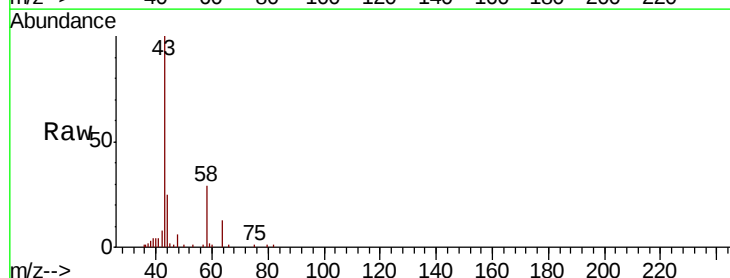
Acq: 13 Aug 2018 18:47

Tgt Ion: 43 Resp: 15345

Ion Ratio Lower Upper

43 100

58 29.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

6000

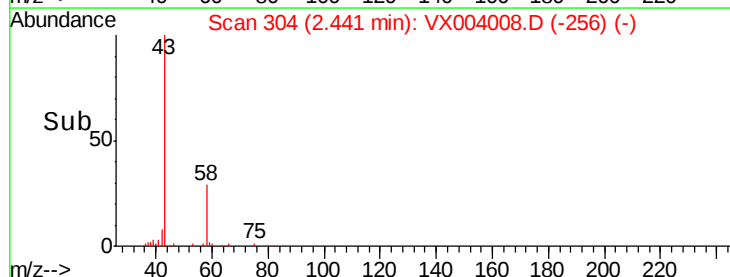
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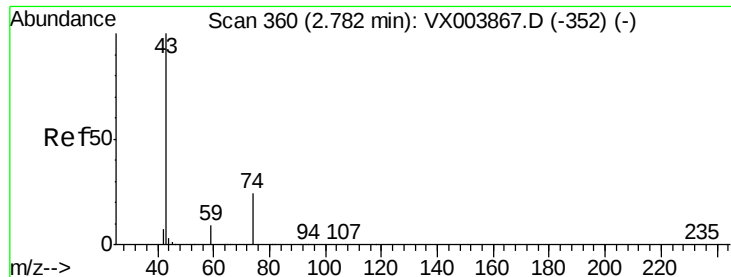
2000

0

Time-->

2.30 2.40 2.50

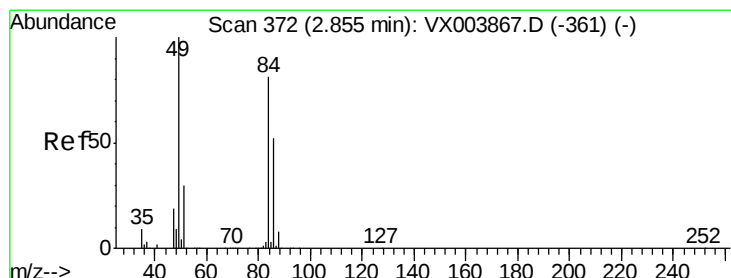
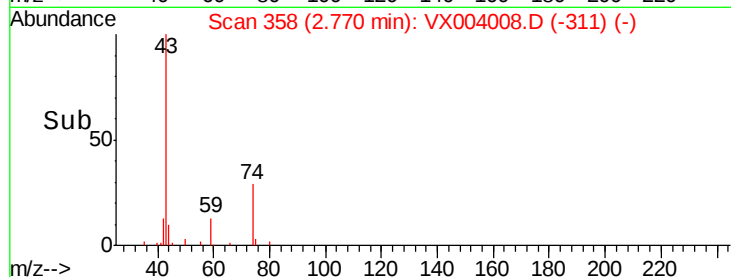
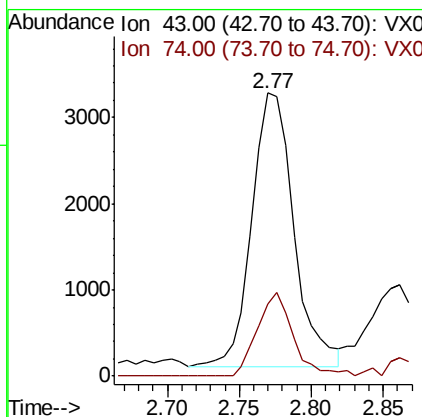
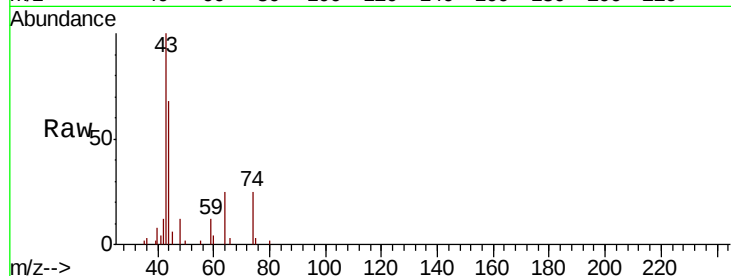




#18
Methvl Acetate
Concen: 1.30 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004008.D
Acq: 13 Aug 2018 18:47

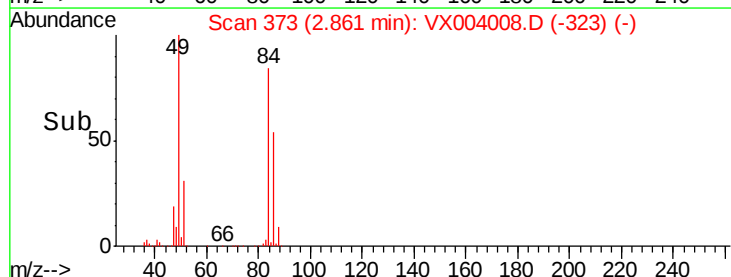
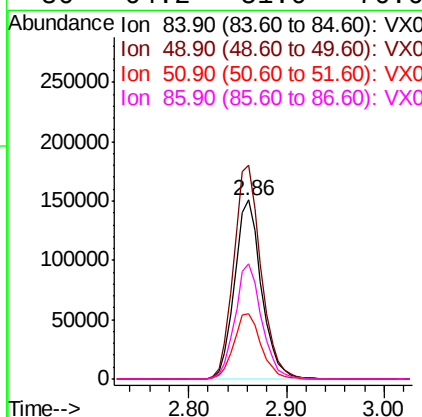
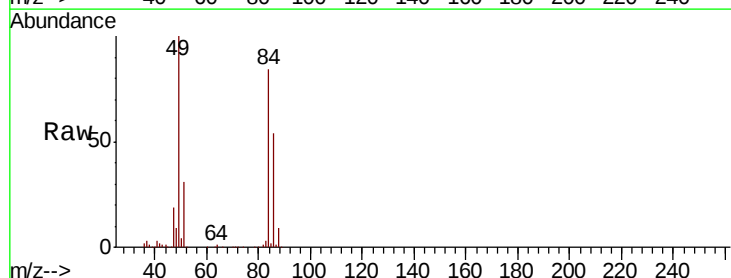
Instrument :
MSVOA_X
ClientSampleId :
SP-1-2

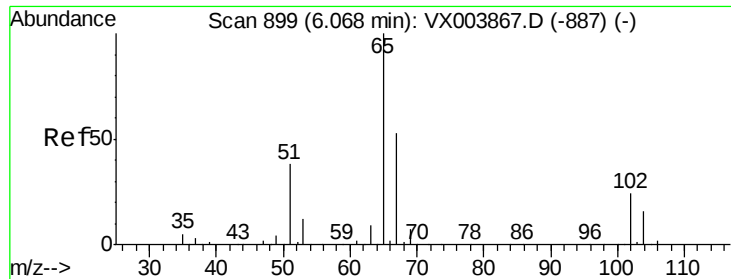
Tot Ion: 43 Resp: 6413
Ion Ratio Lower Upper
43 100
74 26.1 18.9 28.3



#20
Methylene Chloride
Concen: 52.34 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004008.D
Acq: 13 Aug 2018 18:47

Tgt Ion: 84 Resp: 286668
Ion Ratio Lower Upper
84 100
49 119.3 98.9 148.3
51 36.5 29.9 44.9
86 64.2 51.0 76.6

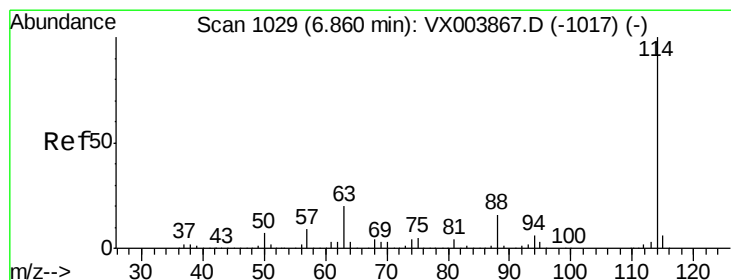
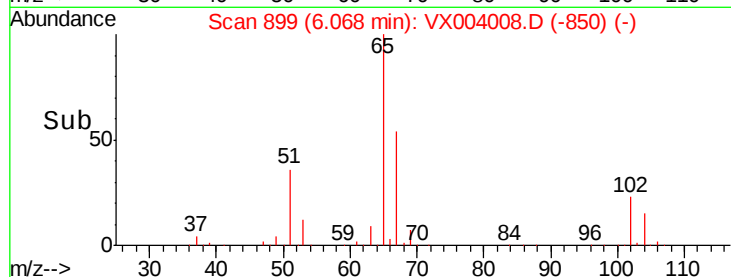
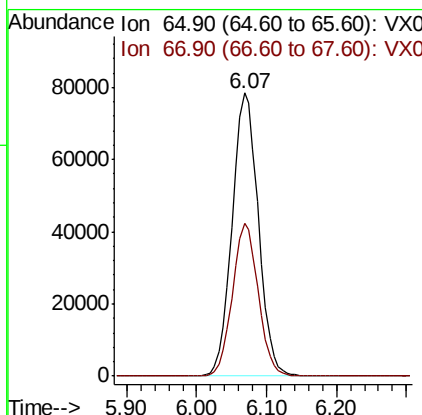
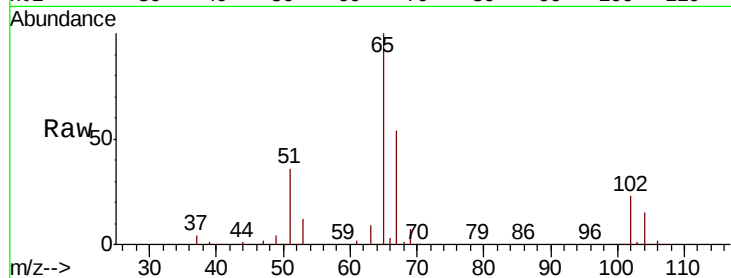




#33
 1,2-Dichloroethane-d4
 Concen: 53.81 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004008.D
 Acq: 13 Aug 2018 18:47

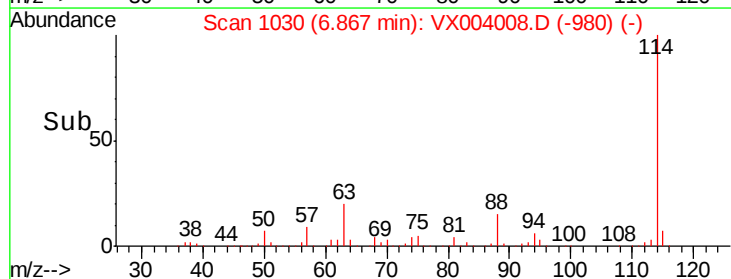
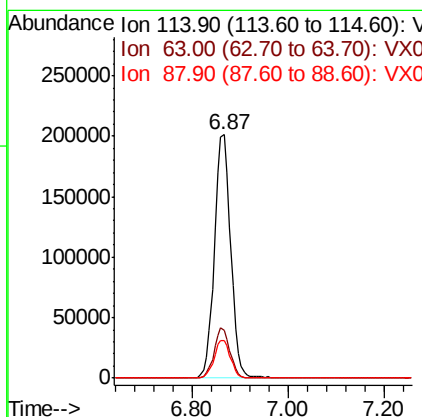
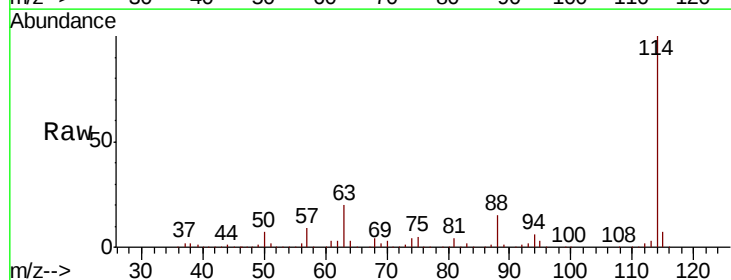
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-2

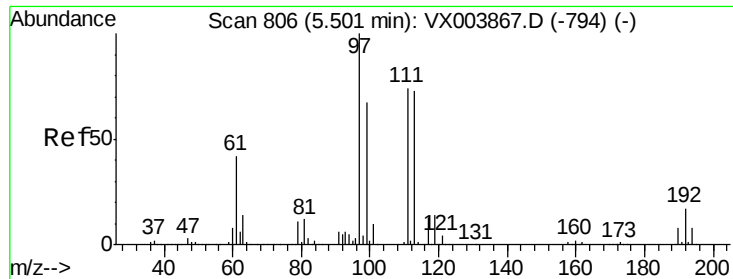
Tot Ion: 65 Resp: 204305
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004008.D
 Acq: 13 Aug 2018 18:47

Tgt Ion: 114 Resp: 474588
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.2 0.0 32.0

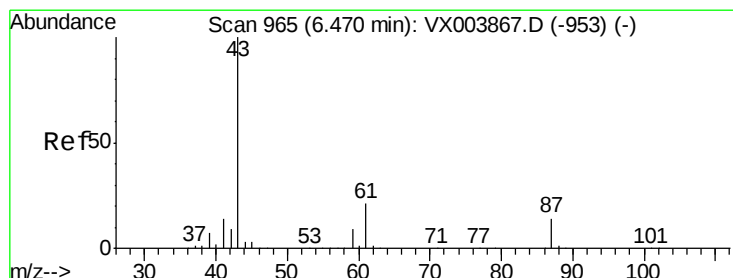
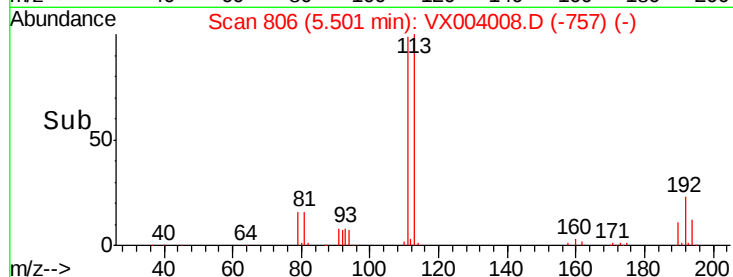
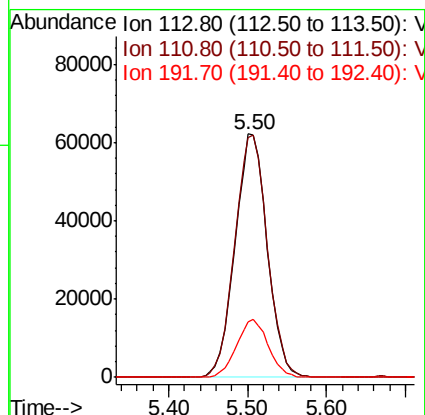
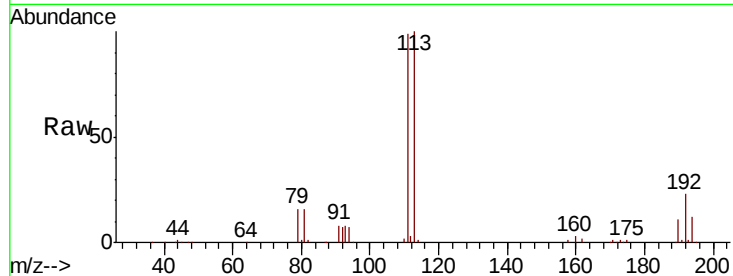




#35
 Dibromofluoromethane
 Concen: 48.96 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004008.D
 Acq: 13 Aug 2018 18:47

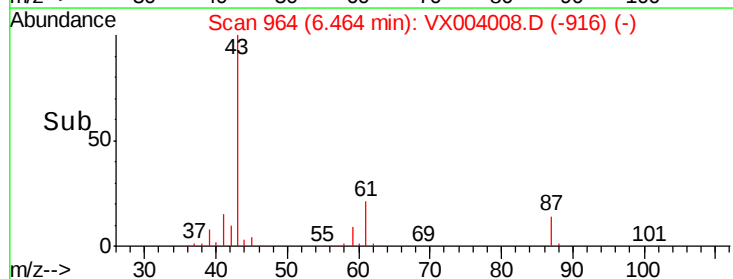
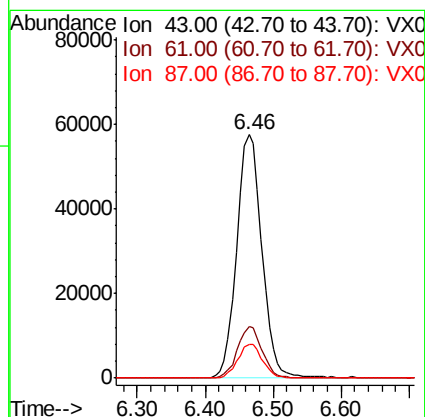
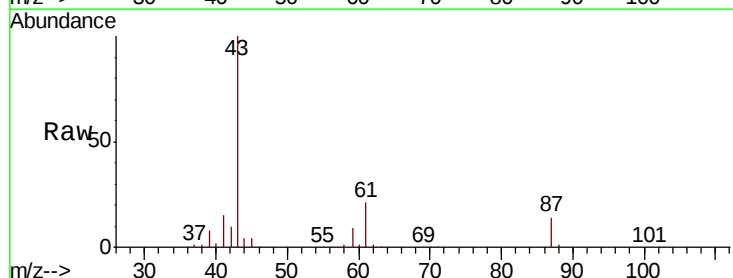
Instrument :
 MSVOA_X
 ClientSampled :
 SP-1-2

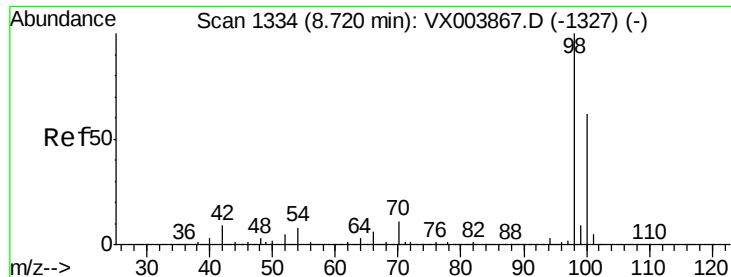
Tot Ion:113 Resp: 176041
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.0 123.0
 192 23.5 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 16.82 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004008.D
 Acq: 13 Aug 2018 18:47

Tgt Ion: 43 Resp: 148020
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.9 25.3
 87 13.7 11.3 16.9





#50

Toluene-d8

Concen: 47.07 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004008.D

Acq: 13 Aug 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

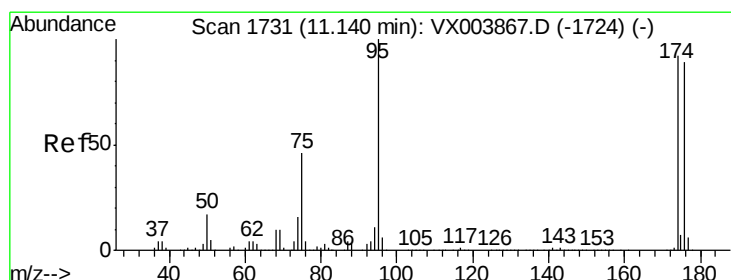
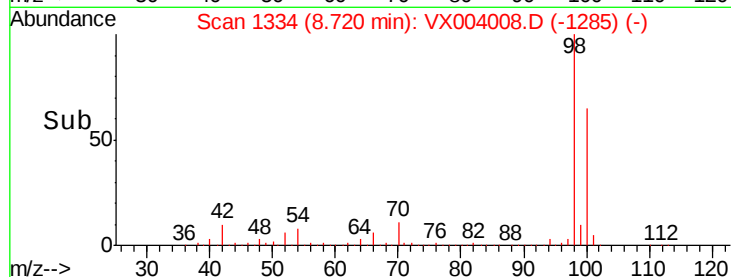
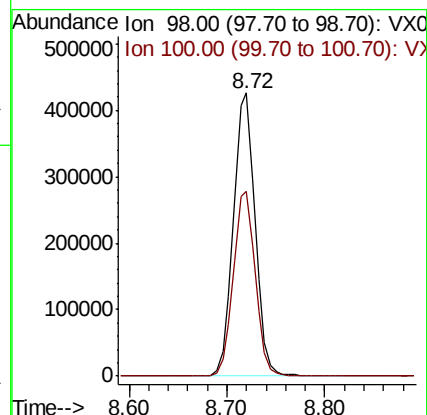
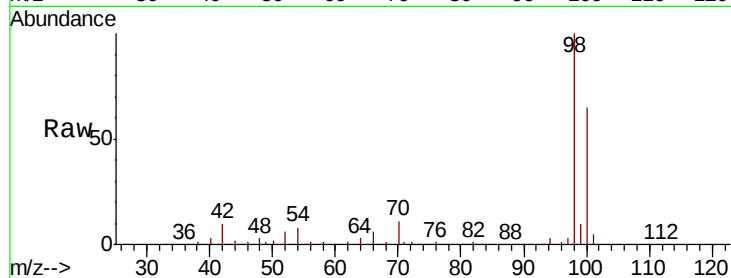
SP-1-2

Tot Ion: 98 Resp: 658074

Ion Ratio Lower Upper

98 100

100 66.0 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 50.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004008.D

Acq: 13 Aug 2018 18:47

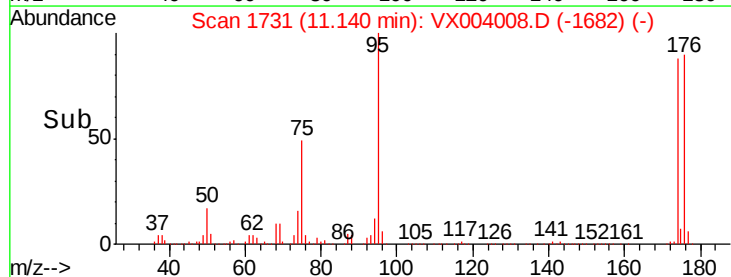
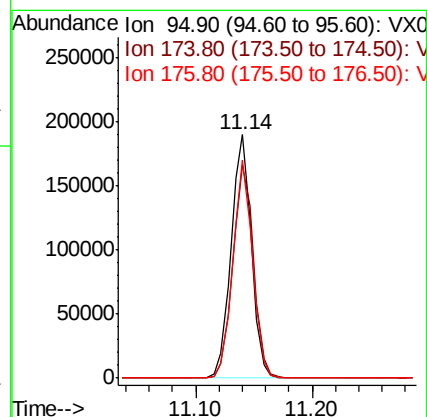
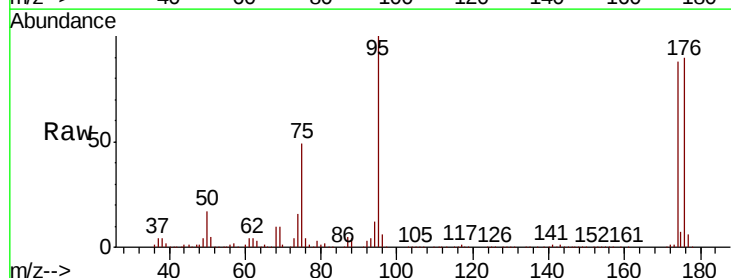
Tgt Ion: 95 Resp: 228209

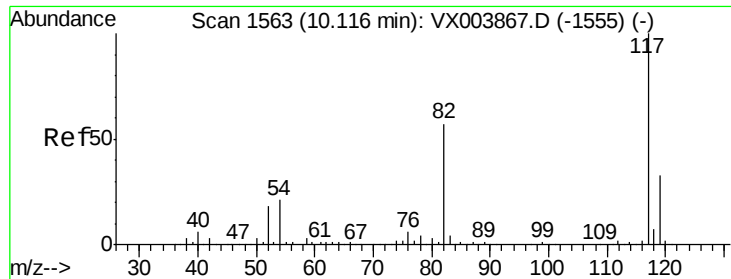
Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.8

176 87.4 0.0 179.0

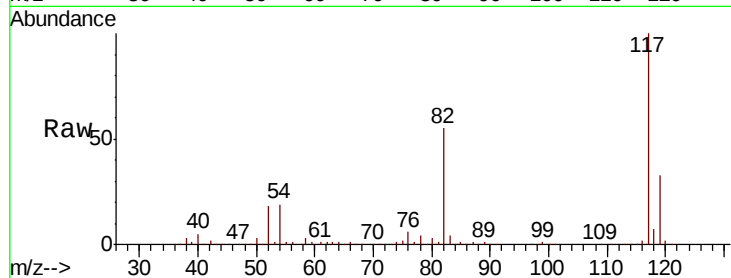




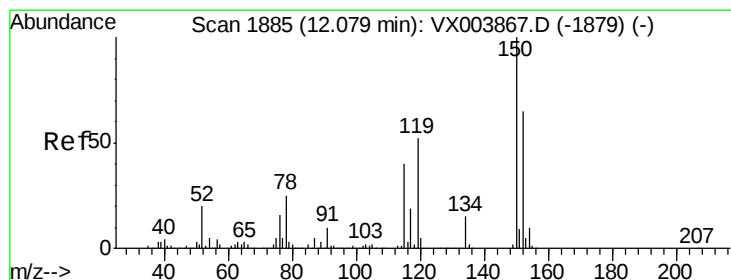
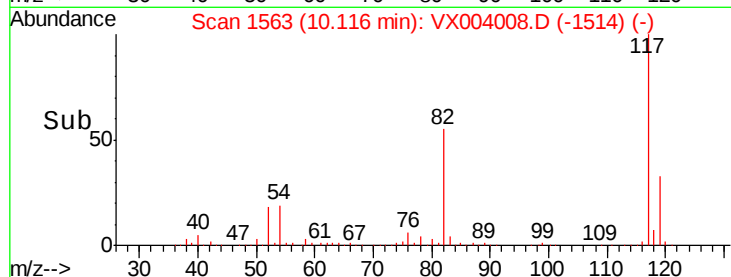
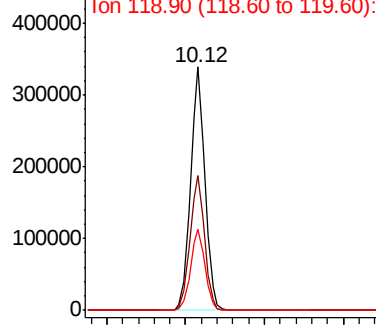
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004008.D
Acq: 13 Aug 2018 18:47

Instrument :
MSVOA_X
ClientSampled :
SP-1-2

Tot Ion:117 Resp: 431107
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 33.3 26.6 40.0

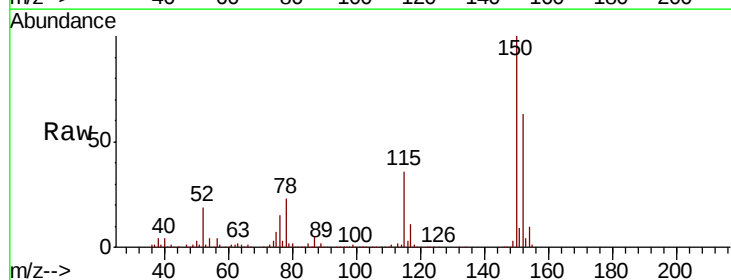


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

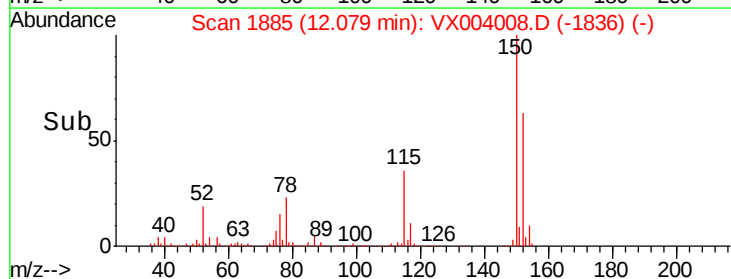
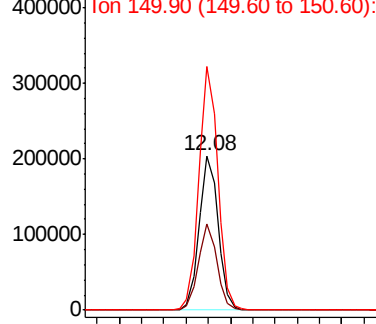


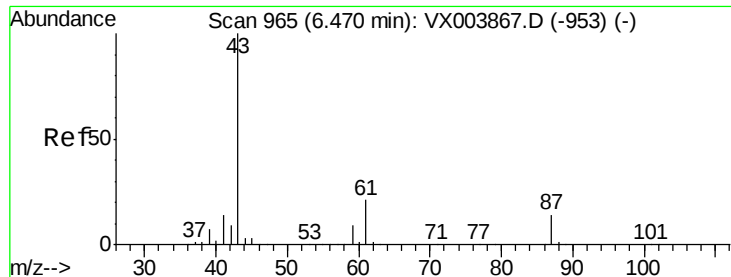
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004008.D
Acq: 13 Aug 2018 18:47

Tgt Ion:152 Resp: 240495
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.3
150 157.5 0.0 349.2



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





#74

N-amyl acetate

Concen: 16.00 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004008.D

Acq: 13 Aug 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

SP-1-2

Tot Ion: 43 Resp: 148020

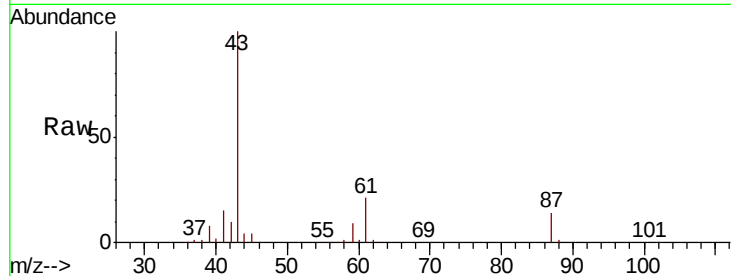
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.3 0.1 0.1#

61 20.9 16.9 25.3

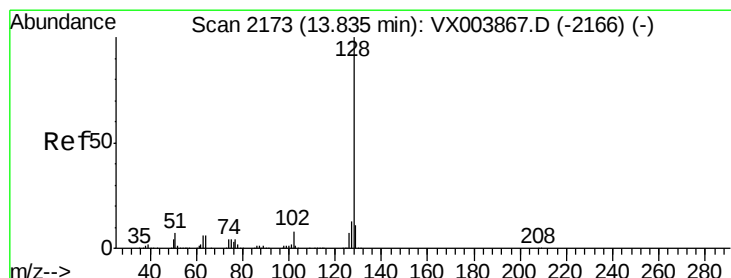
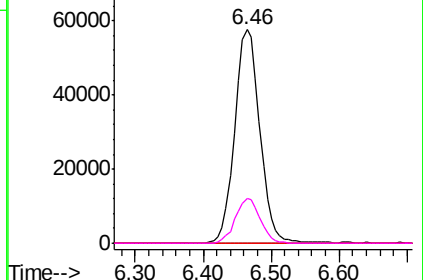
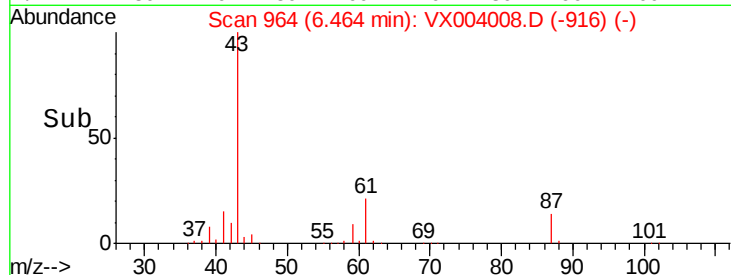


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#95

Naphthalene

Concen: 4.81 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004008.D

Acq: 13 Aug 2018 18:47

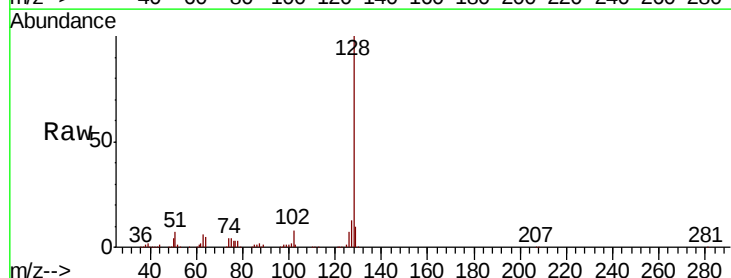
Tgt Ion:128 Resp: 86203

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.8 8.8 13.2



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

