

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004007.D
 Acq On : 13 Aug 2018 18:21
 Operator : JC/MD
 Sample : J4442-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-1

Quant Time: Aug 14 05:19:53 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	292511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	491627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	467346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250163	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	219885	56.71	ug/l	0.00
Spiked Amount			Recovery	=	113.42%	
35) Dibromofluoromethane	5.51	113	178166	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
50) Toluene-d8	8.72	98	688681	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.14	95	232203	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

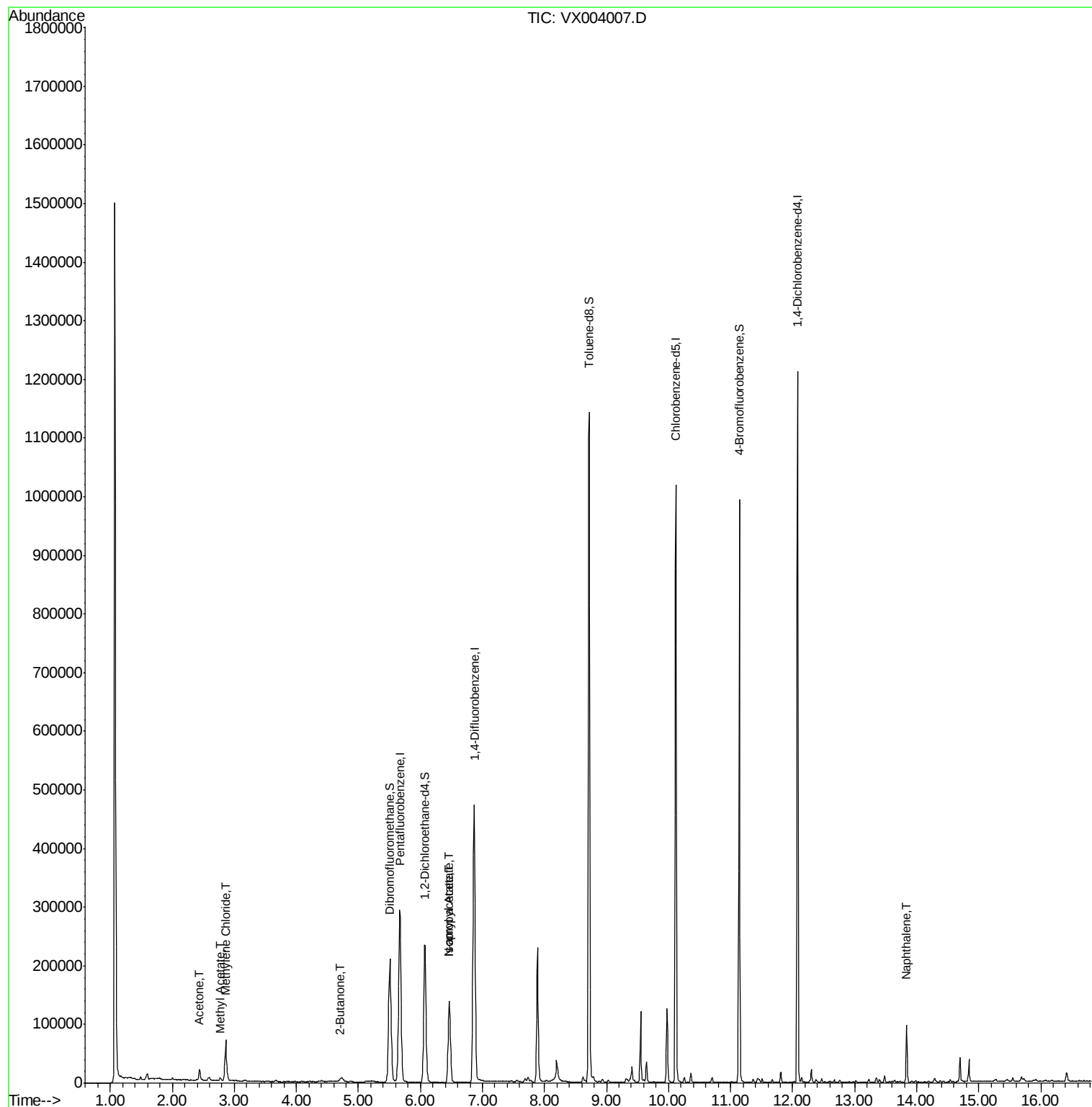
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	19795	8.58	ug/l	99
18) Methyl Acetate	2.77	43	6697	1.33	ug/l	95
20) Methylene Chloride	2.86	84	32622	5.83	ug/l	98
25) 2-Butanone	4.69	43	4544	1.31	ug/l #	89
43) Isopropyl Acetate	6.46	43	183868	20.17	ug/l	99
74) N-amyl acetate	6.46	43	183868	19.11	ug/l #	99
95) Naphthalene	13.83	128	62456	3.35	ug/l	99

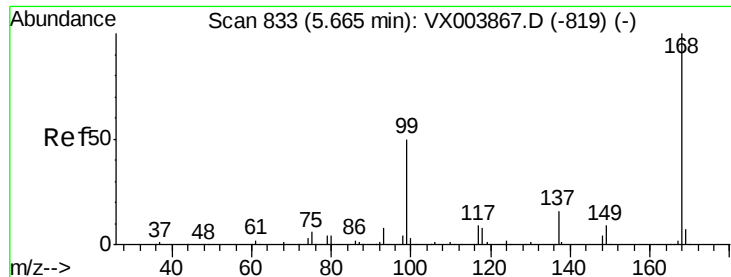
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 05:19:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004007.D

Acq: 13 Aug 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

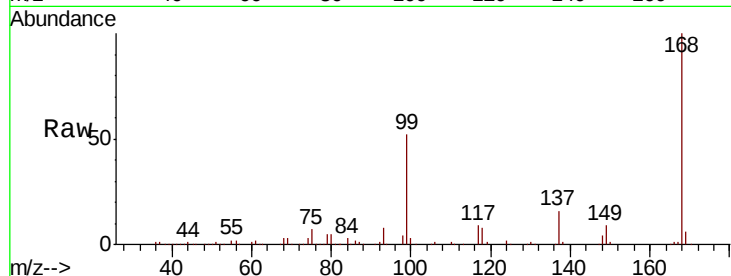
SP-1-1

Tot Ion:168 Resp: 292511

Ion Ratio Lower Upper

168 100

99 51.5 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

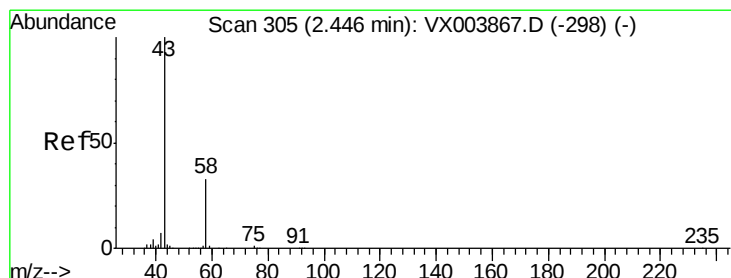
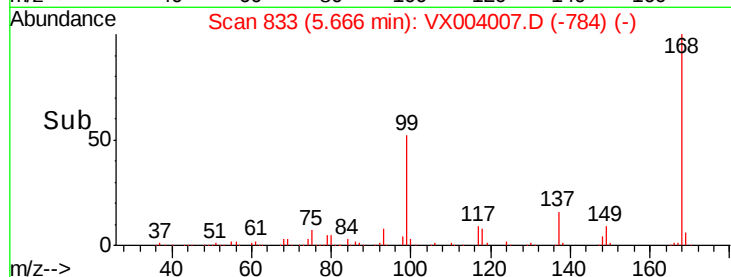
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.58 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004007.D

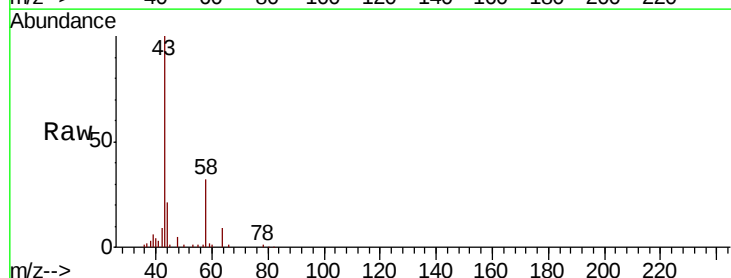
Acq: 13 Aug 2018 18:21

Tgt Ion: 43 Resp: 19795

Ion Ratio Lower Upper

43 100

58 32.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

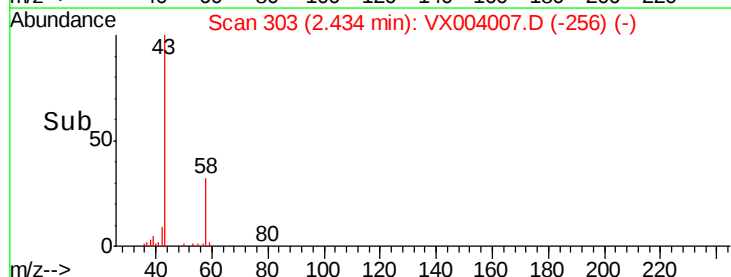
6000

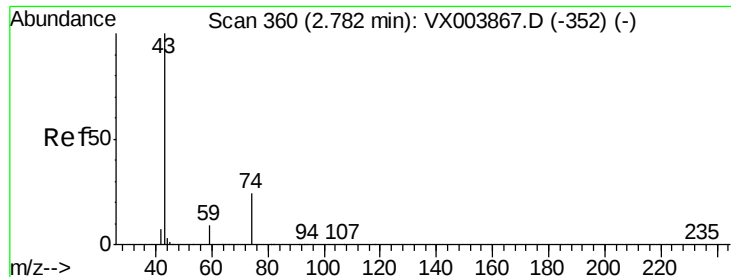
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

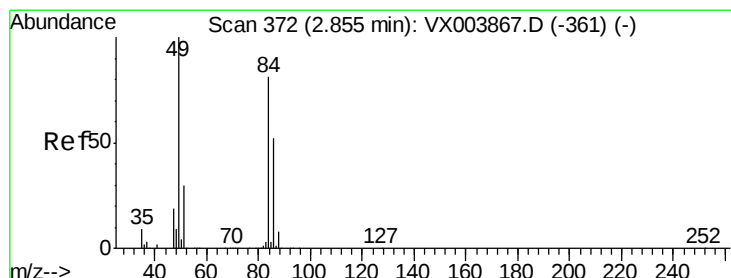
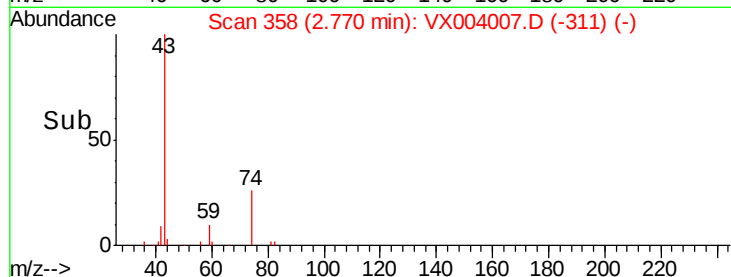
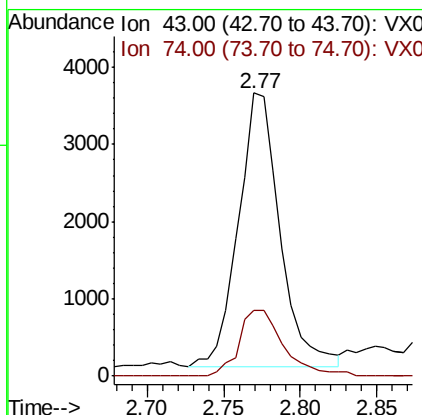
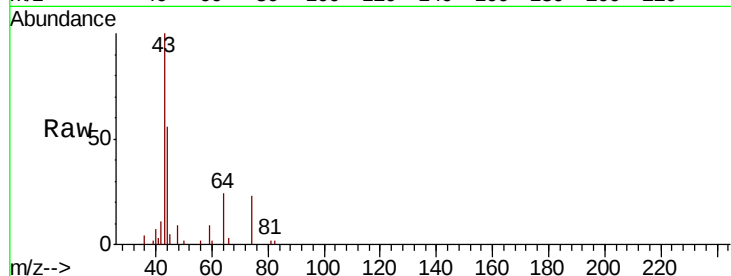




#18
Methvl Acetate
Concen: 1.33 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004007.D
Acq: 13 Aug 2018 18:21

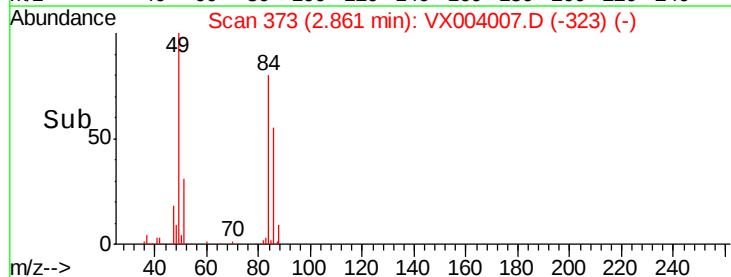
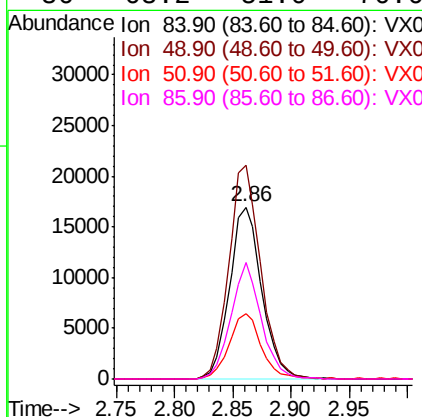
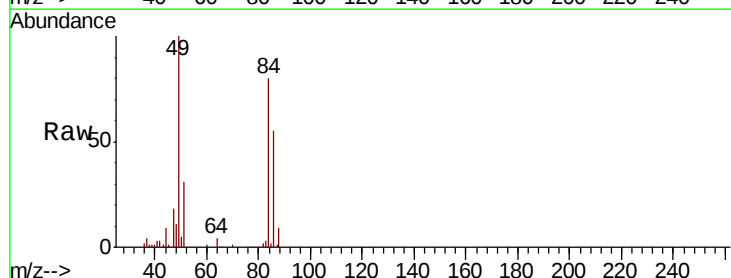
Instrument :
MSVOA_X
ClientSampleId :
SP-1-1

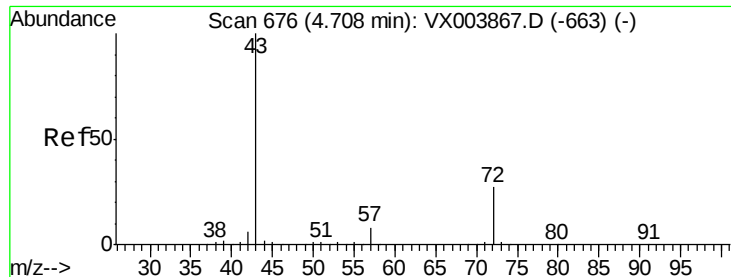
Tot Ion: 43 Resp: 6697
Ion Ratio Lower Upper
43 100
74 26.0 18.9 28.3



#20
Methylene Chloride
Concen: 5.83 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX004007.D
Acq: 13 Aug 2018 18:21

Tgt Ion: 84 Resp: 32622
Ion Ratio Lower Upper
84 100
49 124.5 98.9 148.3
51 38.4 29.9 44.9
86 68.2 51.0 76.6





#25

2-Butanone

Concen: 1.31 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.02 min

Lab File: VX004007.D

Acq: 13 Aug 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

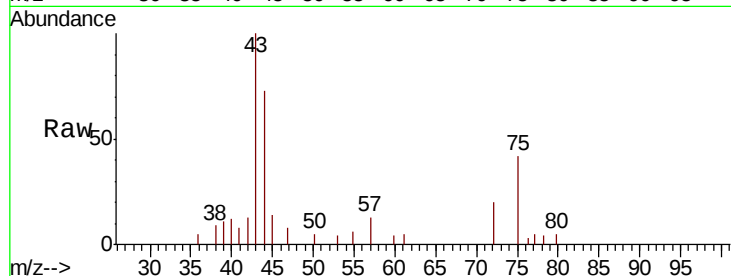
SP-1-1

Tot Ion: 43 Resp: 4544

Ion Ratio Lower Upper

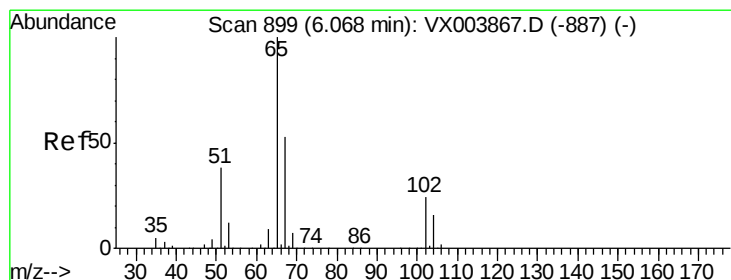
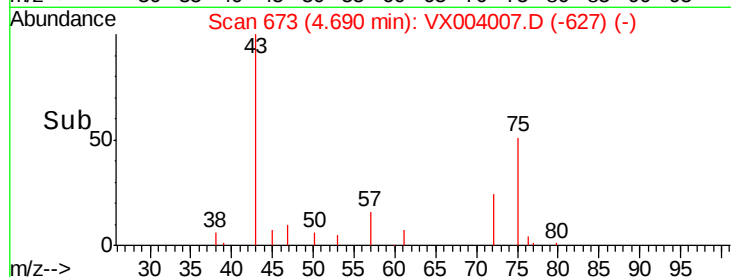
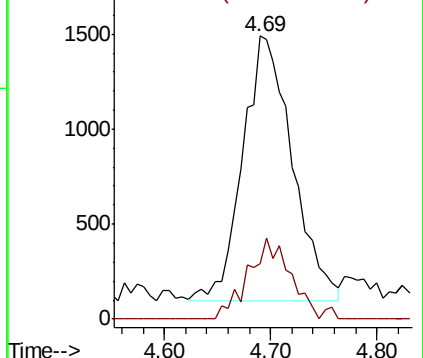
43 100

72 21.2 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.71 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004007.D

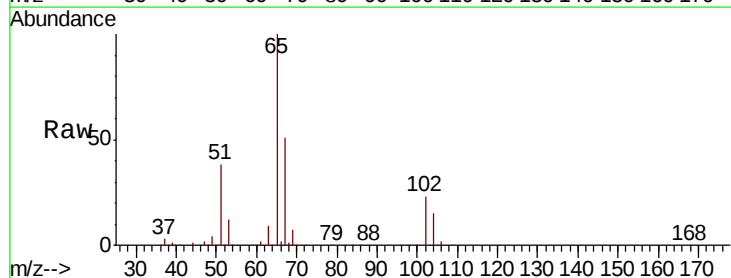
Acq: 13 Aug 2018 18:21

Tgt Ion: 65 Resp: 219885

Ion Ratio Lower Upper

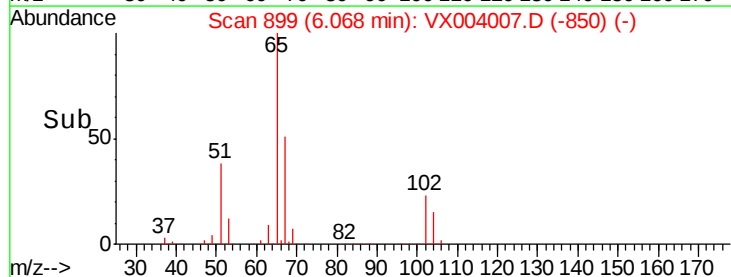
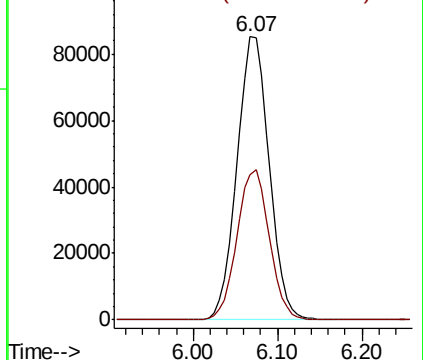
65 100

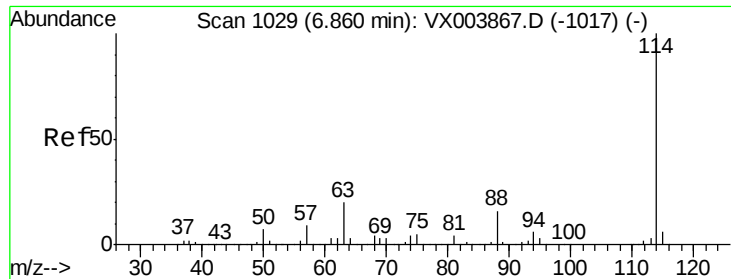
67 53.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

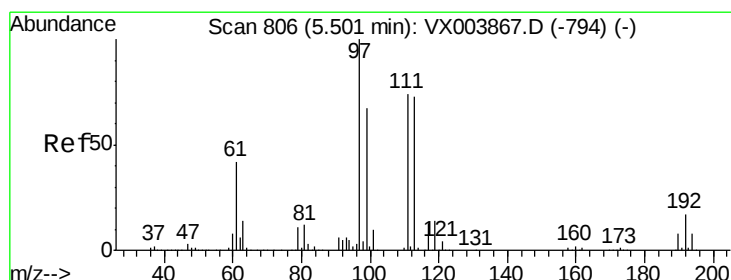
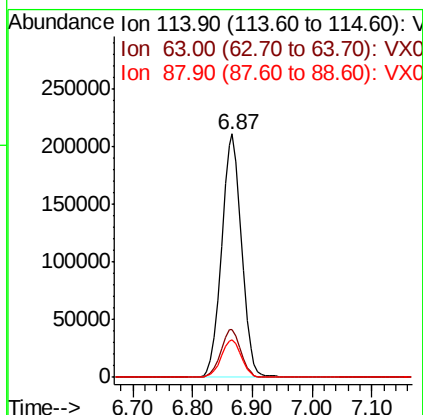
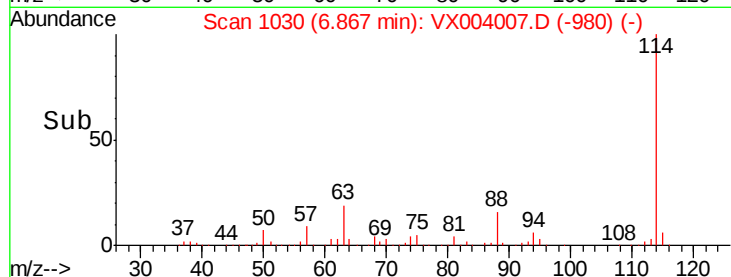
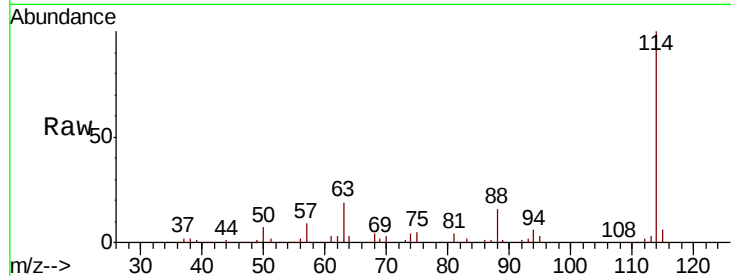




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VX004007.D
Acq: 13 Aug 2018 18:21

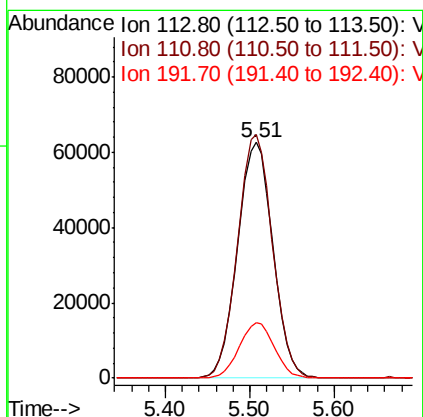
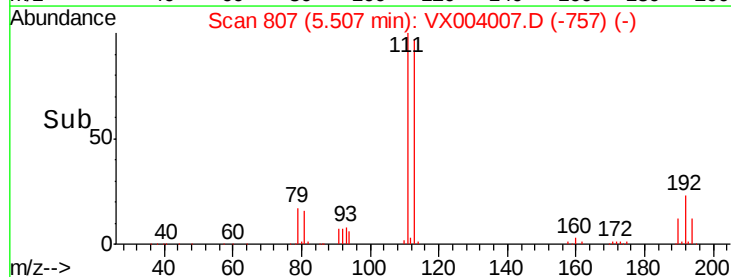
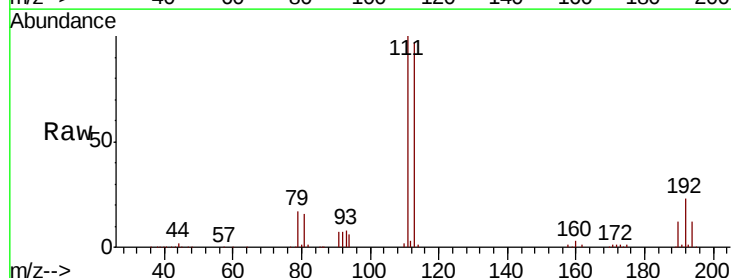
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

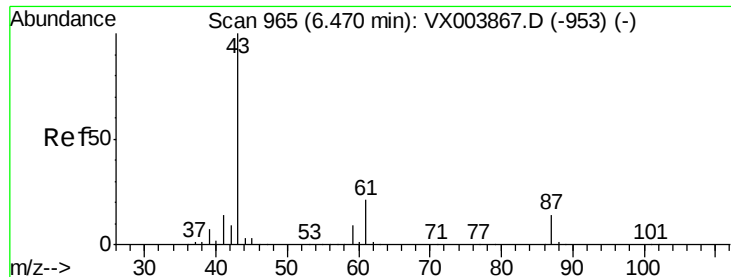
Tot Ion:114 Resp: 491627
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.0
88 15.5 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.84 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004007.D
Acq: 13 Aug 2018 18:21

Tgt Ion:113 Resp: 178166
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 23.2 19.0 28.4



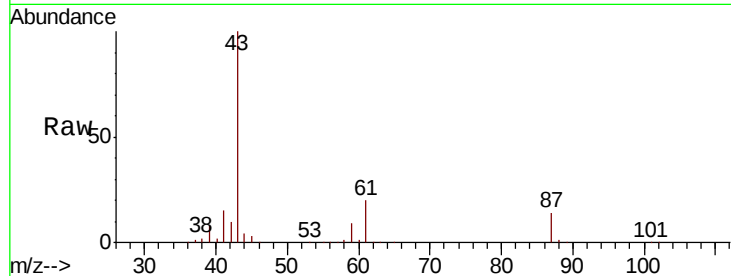


#43

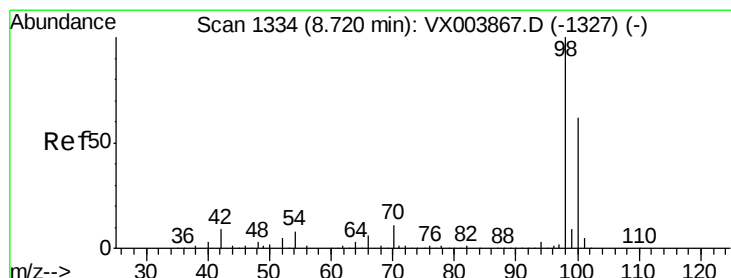
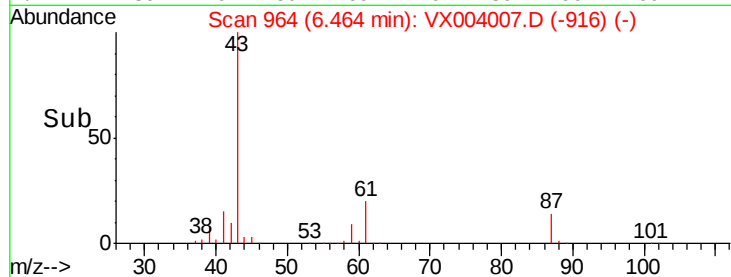
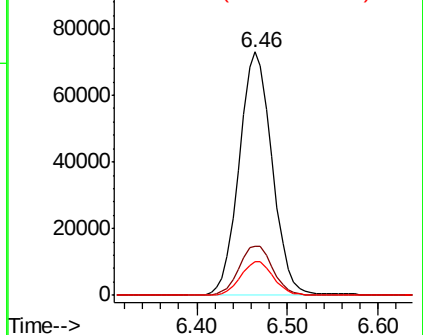
Isopropyl Acetate
 Concen: 20.17 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004007.D
 Acq: 13 Aug 2018 18:21

Instrument :
 MSVOA_X
 ClientSampleID :
 SP-1-1

Tot Ion	43	61	87	Resp	183868
Ion Ratio	100	20.8	13.9	Lower	Upper
		16.9	11.3		



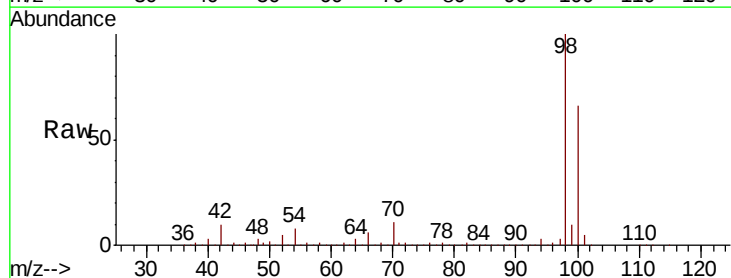
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



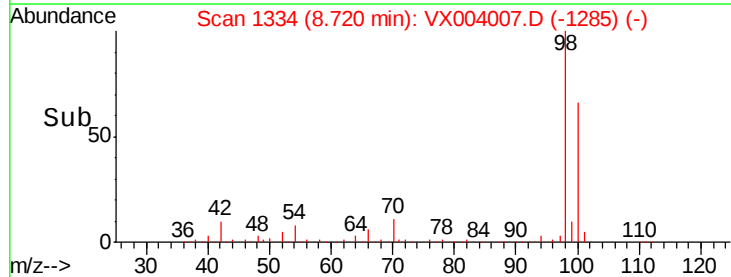
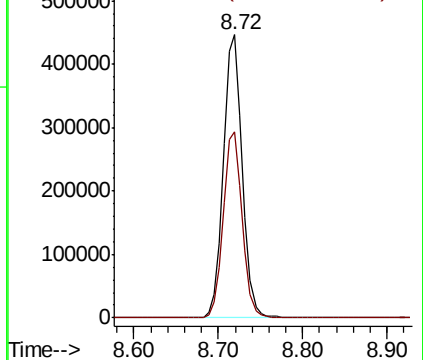
#50

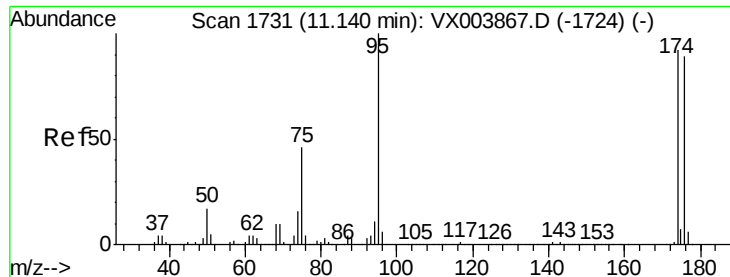
Toluene-d8
 Concen: 47.55 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX004007.D
 Acq: 13 Aug 2018 18:21

Tgt Ion	98	100	Resp	688681
Ion Ratio	100	66.0	Lower	Upper
		53.3		



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

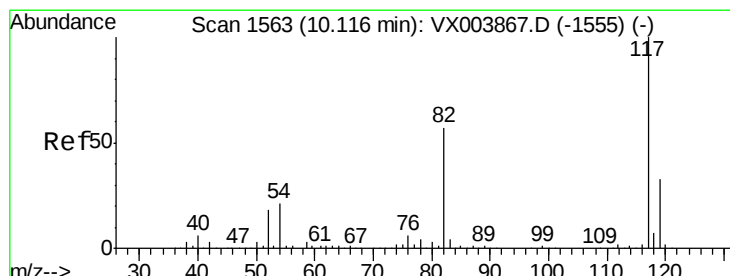
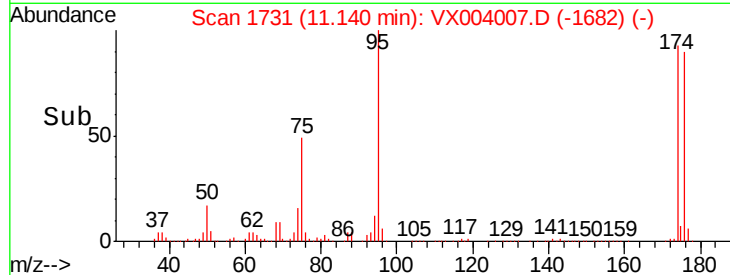
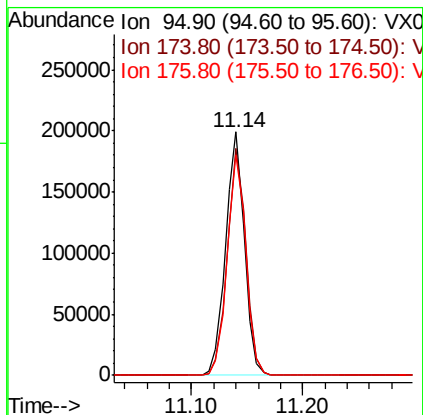
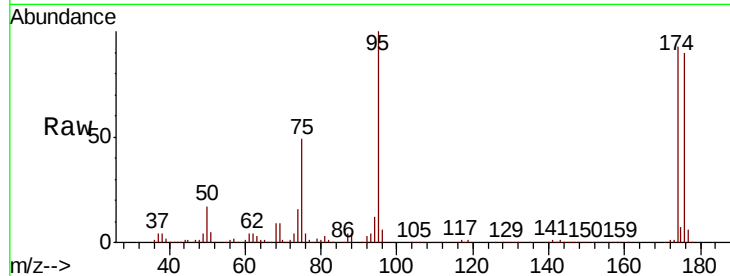




#62
4-Bromofluorobenzene
Concen: 49.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004007.D
Acq: 13 Aug 2018 18:21

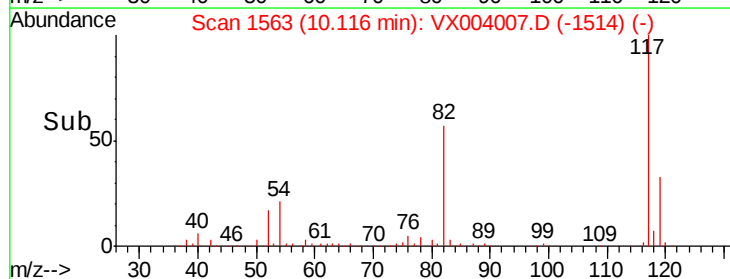
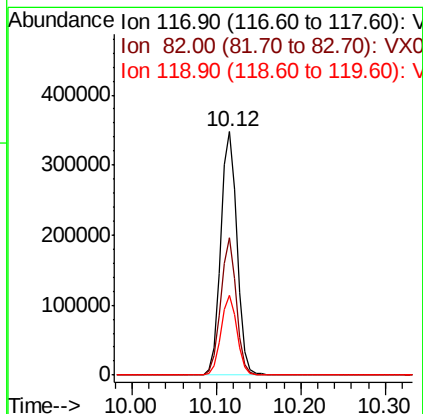
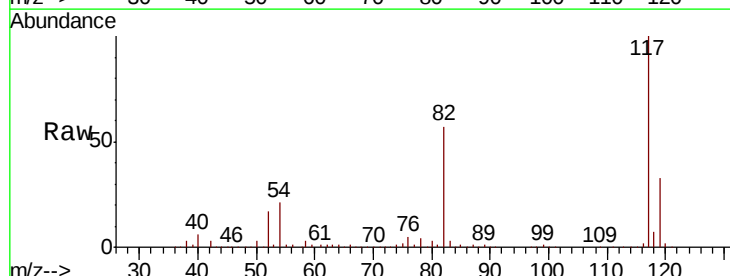
Instrument :
MSVOA_X
ClientSampled :
SP-1-1

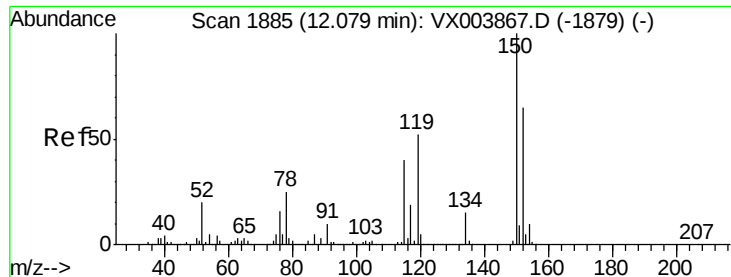
Tot Ion: 95 Resp: 232203
Ion Ratio Lower Upper
95 100
174 92.9 0.0 182.8
176 90.4 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004007.D
Acq: 13 Aug 2018 18:21

Tgt Ion: 117 Resp: 467346
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.9 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004007.D

Acq: 13 Aug 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

SP-1-1

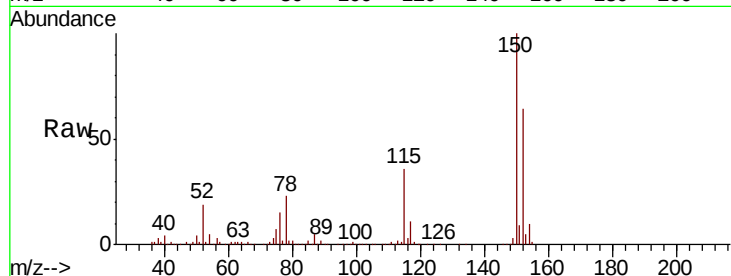
Tot Ion:152 Resp: 250163

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.3

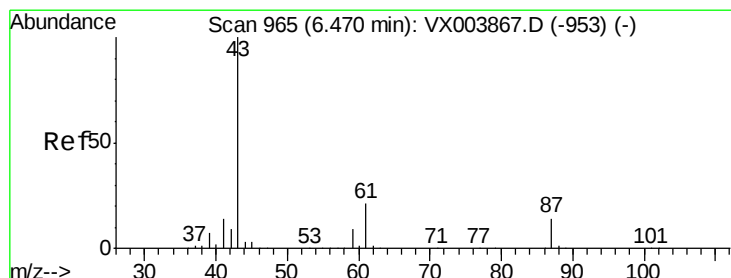
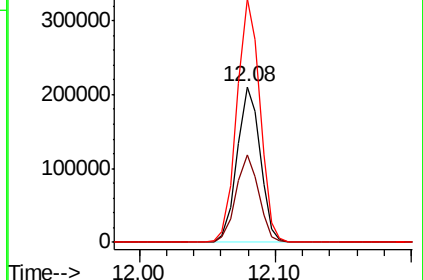
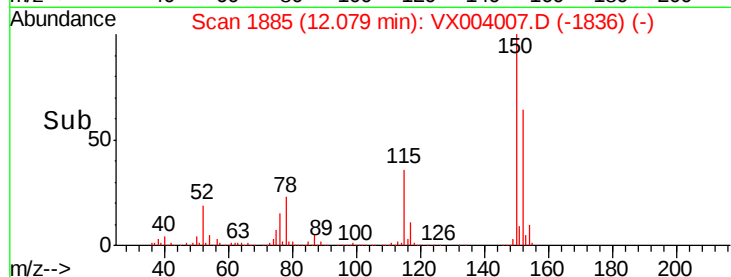
150 156.1 0.0 349.2



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-ethyl acetate

Concen: 19.11 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004007.D

Acq: 13 Aug 2018 18:21

Tgt Ion: 43 Resp: 183868

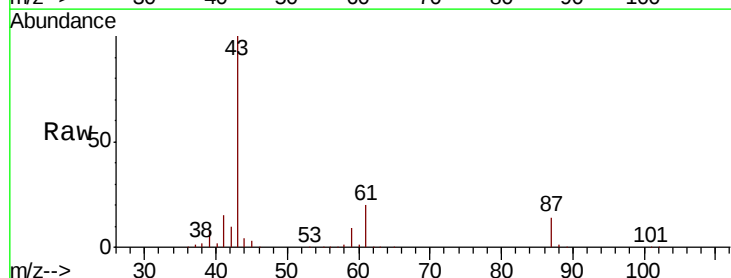
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.8 16.9 25.3

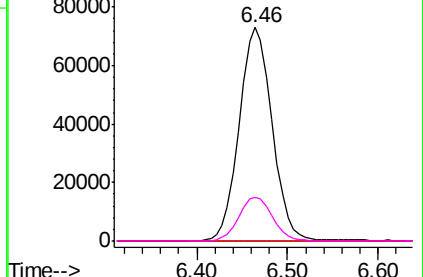
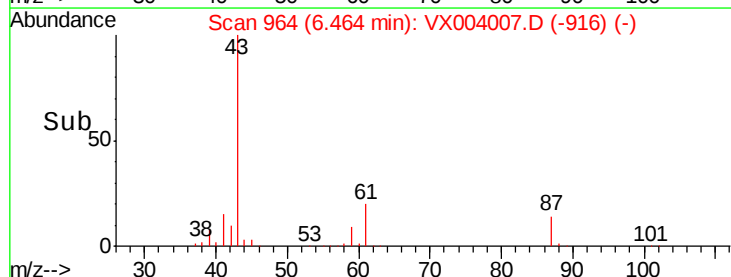


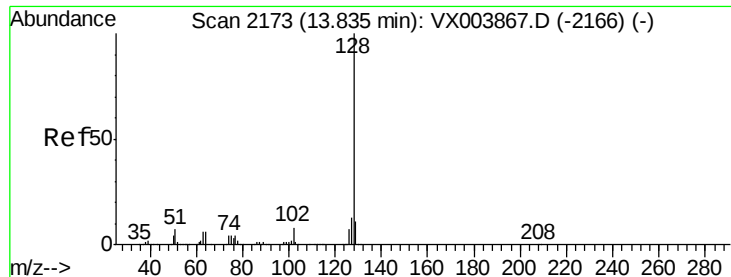
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 3.35 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004007.D

Acq: 13 Aug 2018 18:21

Instrument :

MSVOA_X

ClientSampleId :

SP-1-1

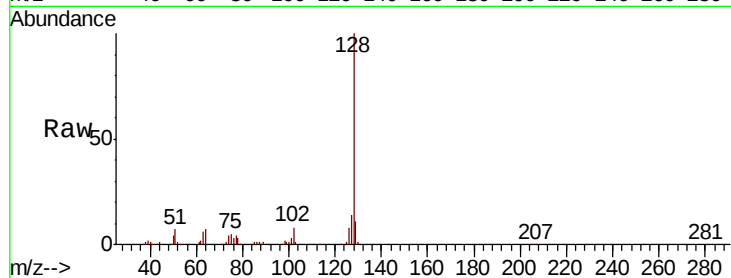
Tot Ion:128 Resp: 62456

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.4 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

