

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005868.D
 Acq On : 09 Nov 2018 18:11
 Operator : JC/MD
 Sample : J5884-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-8A-S

Quant Time: Nov 12 00:52:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

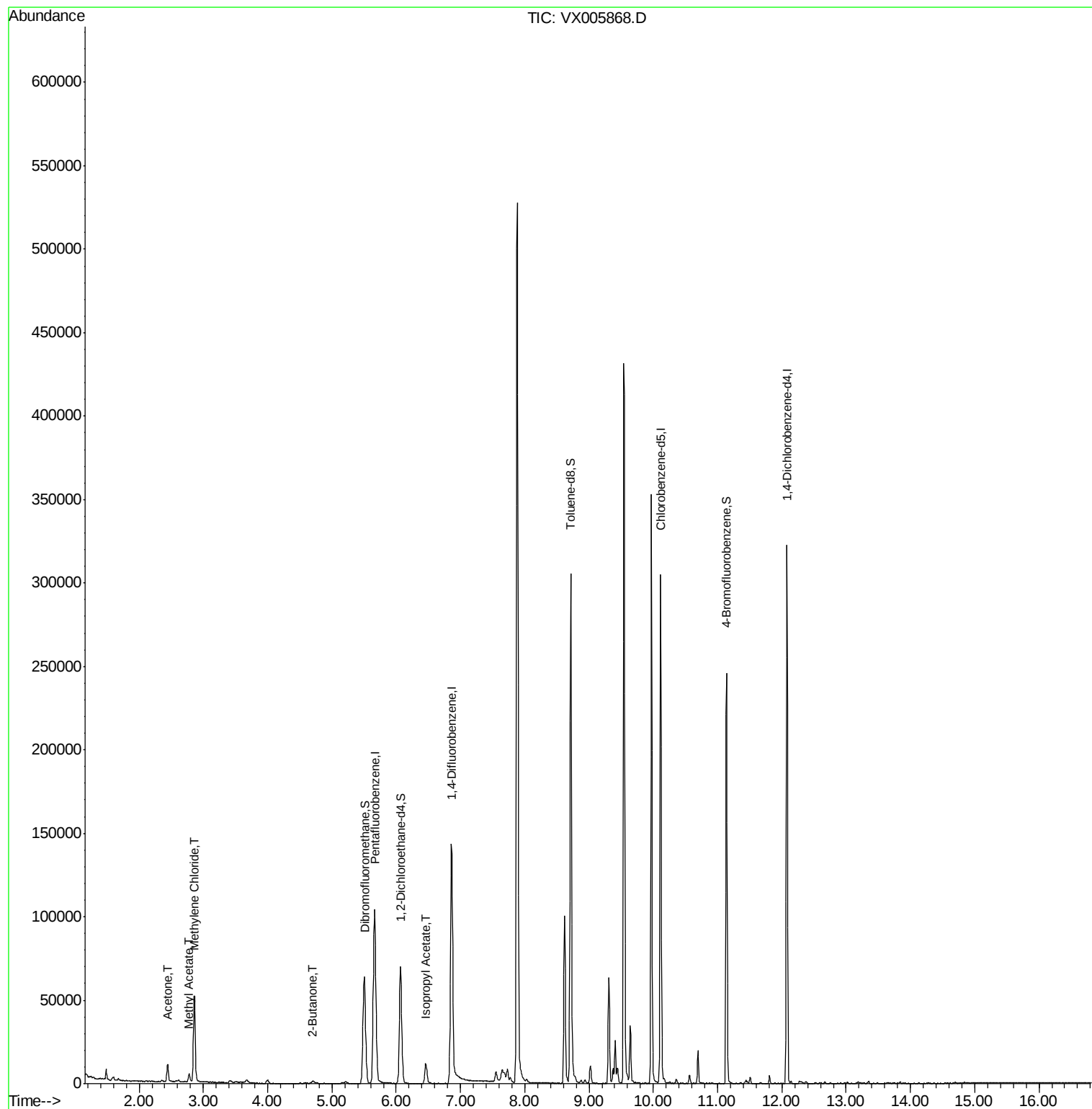
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	107708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	145548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	69460	56.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.20%	
35) Dibromofluoromethane	5.51	113	56842	57.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.84%	
50) Toluene-d8	8.71	98	187857	57.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.16%	
62) 4-Bromofluorobenzene	11.14	95	61478	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
Target Compounds						
16) Acetone	2.45	43	11254	16.880	ug/l	99
18) Methyl Acetate	2.78	43	5963	1.911	ug/l	97
20) Methylene Chloride	2.86	84	22883	20.895	ug/l	94
25) 2-Butanone	4.70	43	2661	2.539	ug/l #	87
43) Isopropyl Acetate	6.46	43	15364	5.747	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005868.D

Acq: 09 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampled :

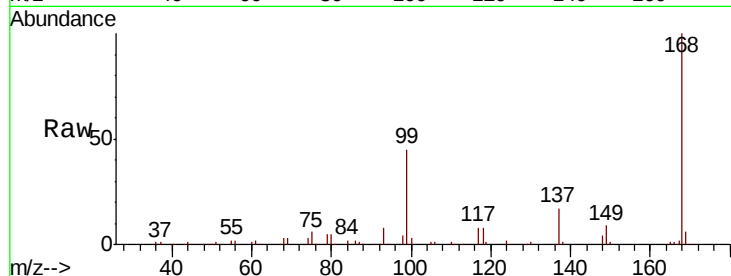
TP-8A-S

Tot Ion:168 Resp: 107708

Ion Ratio Lower Upper

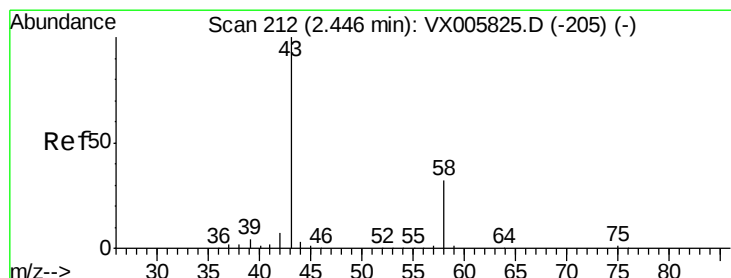
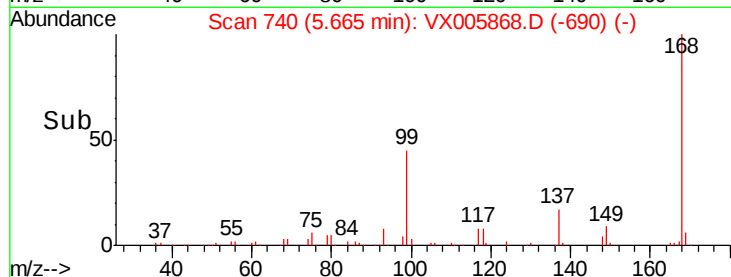
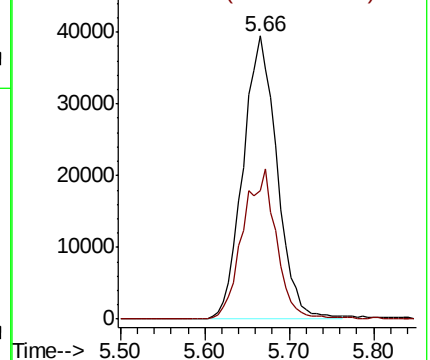
168 100

99 45.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 16.880 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005868.D

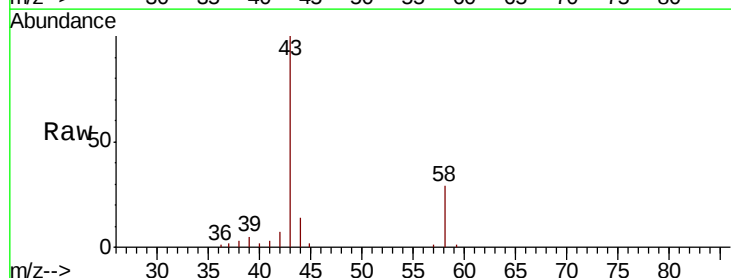
Acq: 09 Nov 2018 18:11

Tgt Ion: 43 Resp: 11254

Ion Ratio Lower Upper

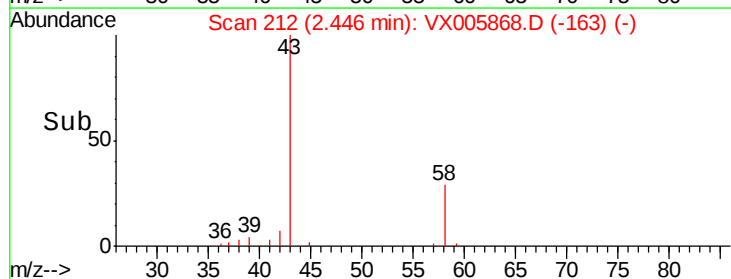
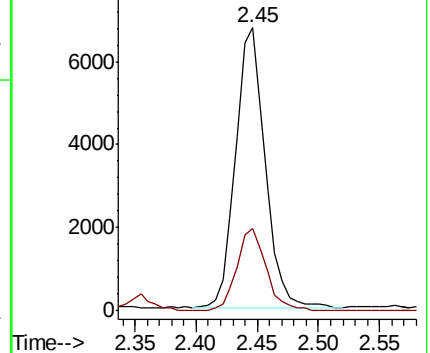
43 100

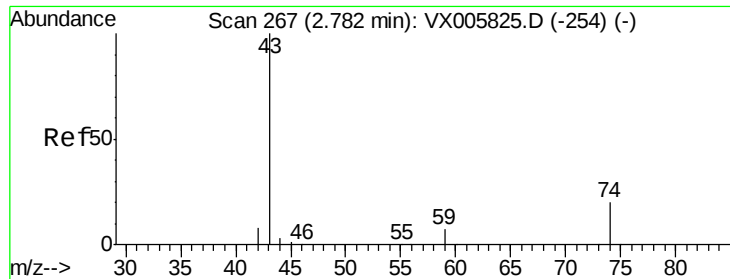
58 29.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

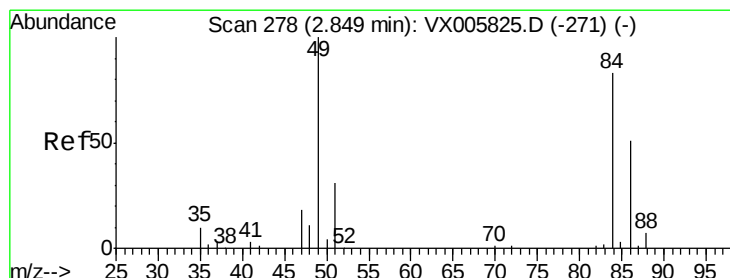
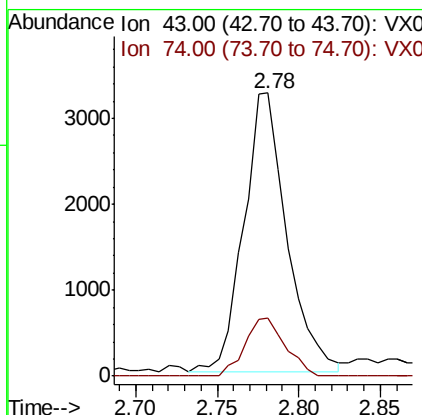
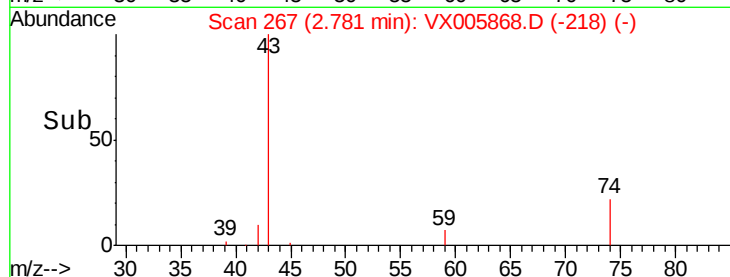
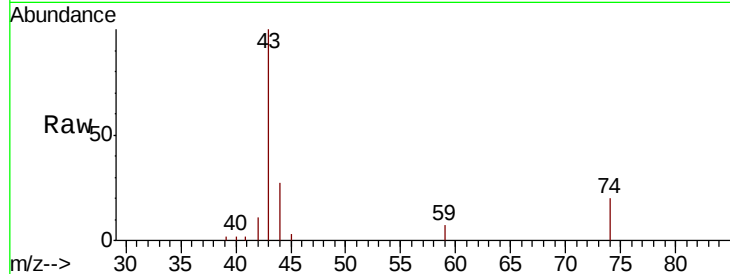




#18
Methyl Acetate
Concen: 1.911 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

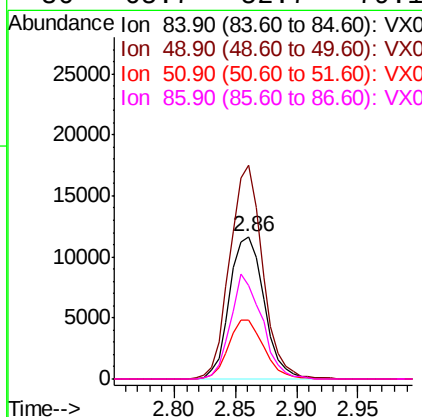
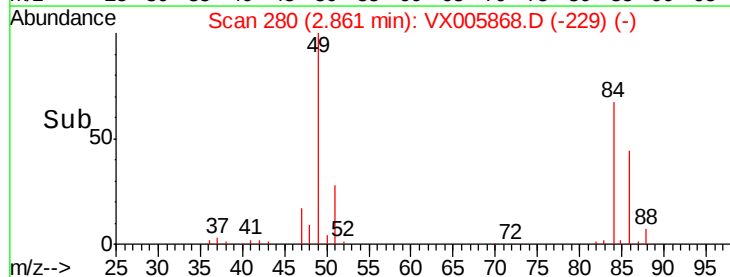
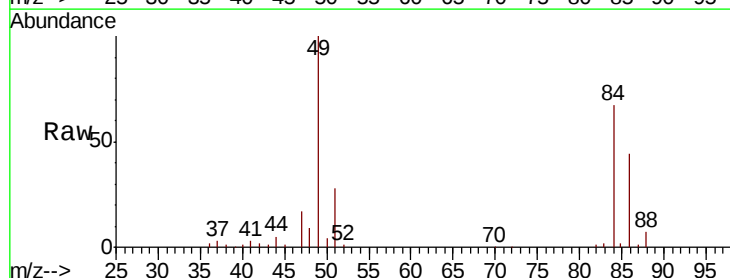
Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

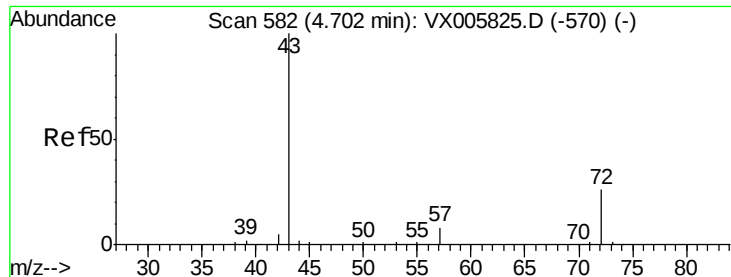
Tot Ion: 43 Resp: 5963
Ion Ratio Lower Upper
43 100
74 19.4 16.8 25.2



#20
Methylene Chloride
Concen: 20.895 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 84 Resp: 22883
Ion Ratio Lower Upper
84 100
49 149.8 109.5 164.3
51 41.2 33.3 49.9
86 65.7 52.7 79.1





#25

2-Butanone

Concen: 2.539 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005868.D

Acq: 09 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampled :

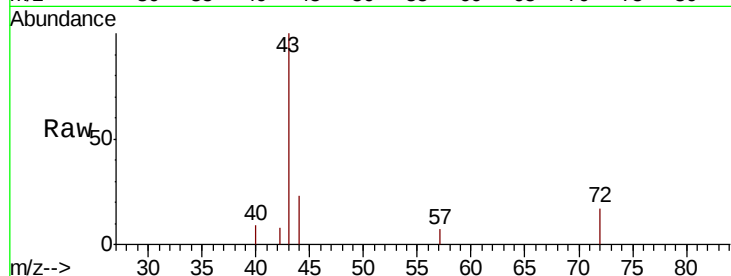
TP-8A-S

Tot Ion: 43 Resp: 2661

Ion Ratio Lower Upper

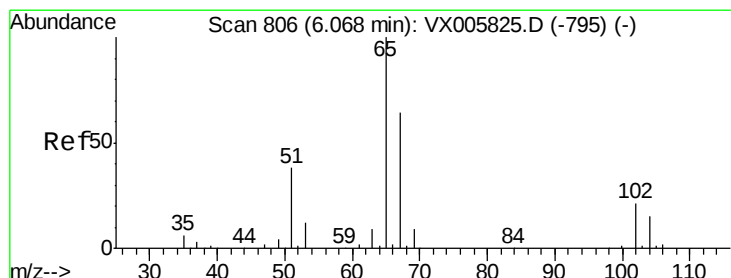
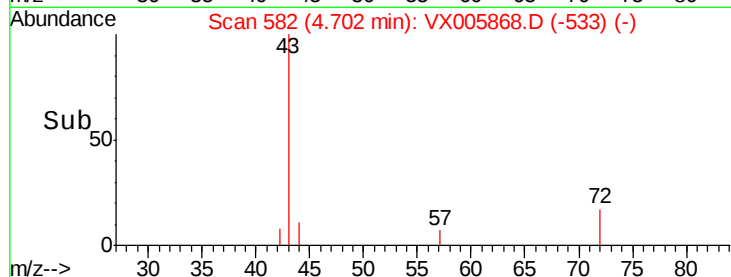
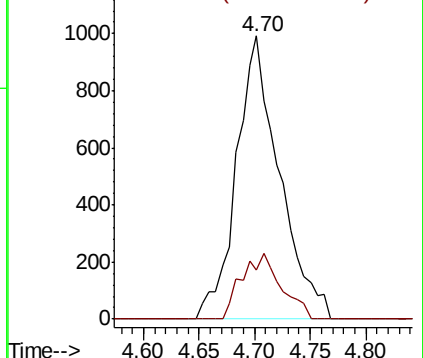
43 100

72 17.4 19.2 28.8#



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: 56.096 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005868.D

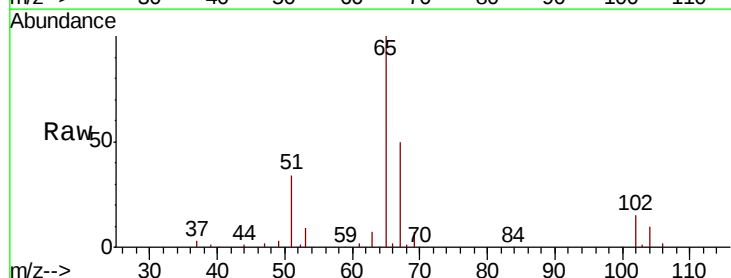
Acq: 09 Nov 2018 18:11

Tgt Ion: 65 Resp: 69460

Ion Ratio Lower Upper

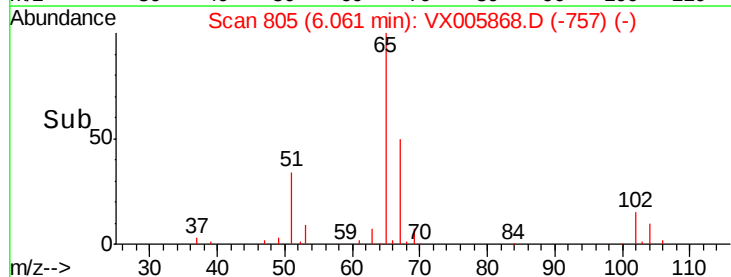
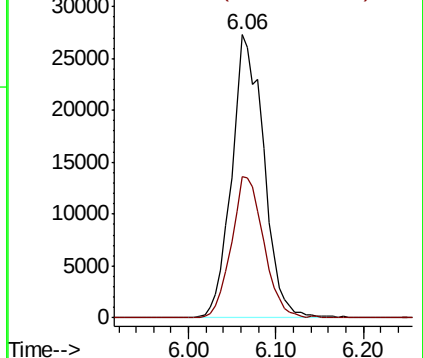
65 100

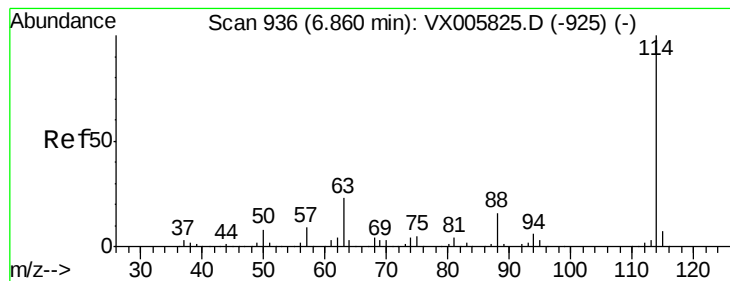
67 50.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005868.D

Acq: 09 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

TP-8A-S

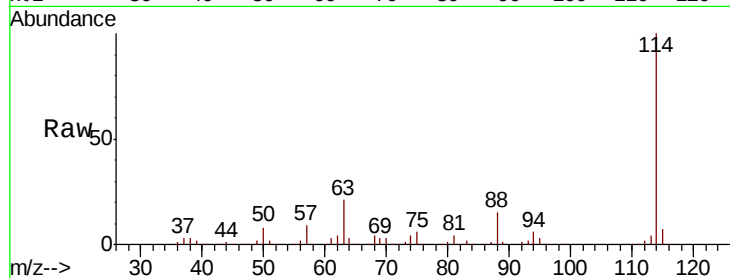
Tot Ion:114 Resp: 145548

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

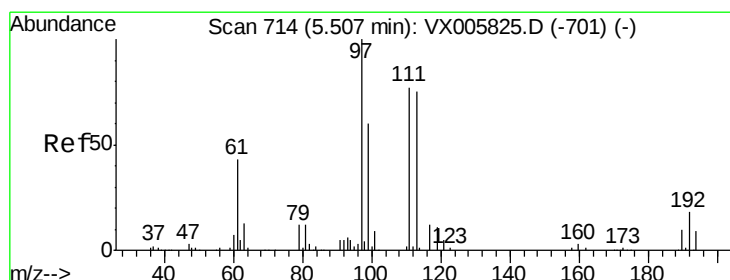
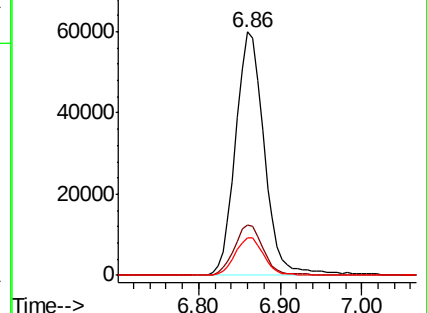
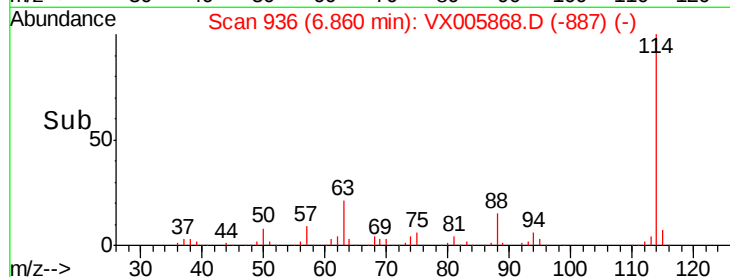
88 15.4 0.0 31.2



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: 57.419 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005868.D

Acq: 09 Nov 2018 18:11

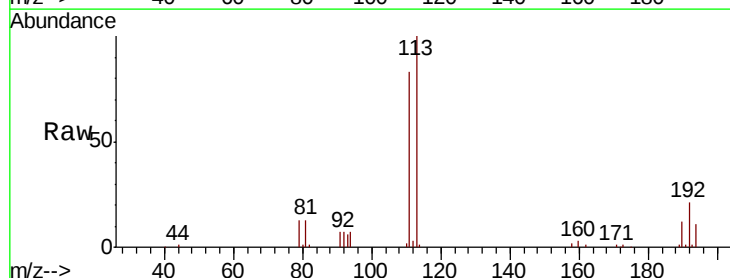
Tgt Ion:113 Resp: 56842

Ion Ratio Lower Upper

113 100

111 100.8 82.3 123.5

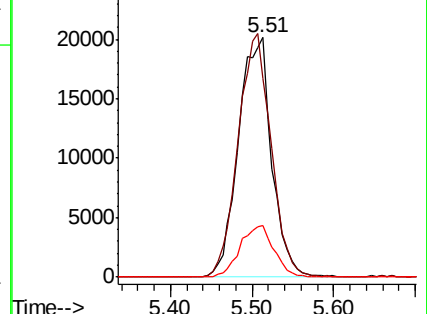
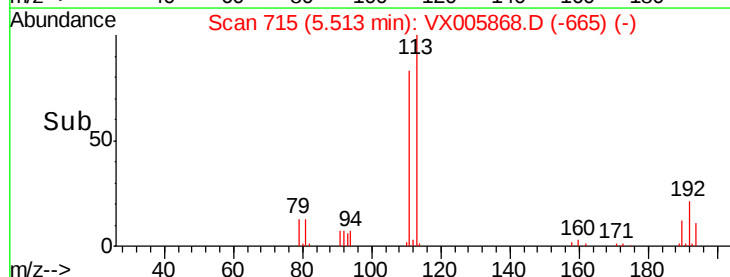
192 21.9 17.9 26.9

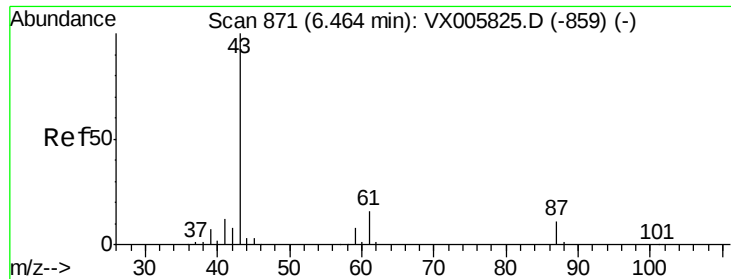


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.747 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005868.D

Acq: 09 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

TP-8A-S

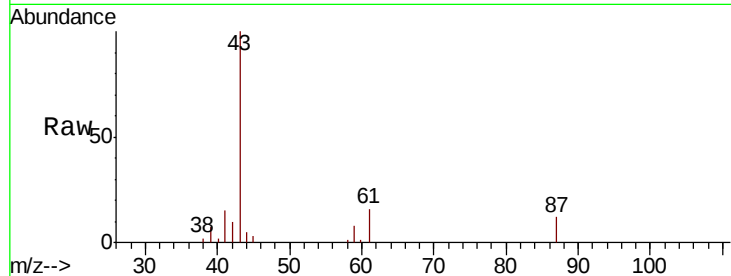
Tot Ion: 43 Resp: 15364

Ion Ratio Lower Upper

43 100

61 18.9 14.6 22.0

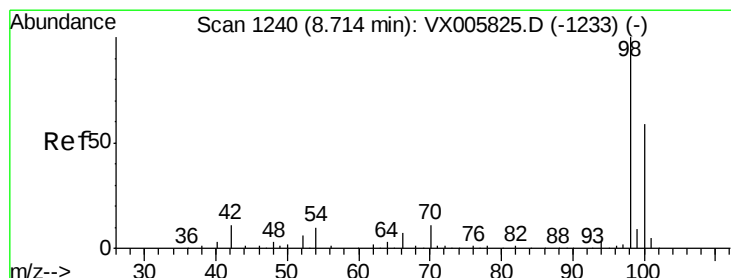
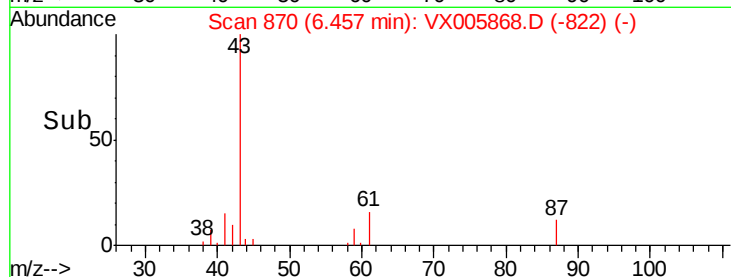
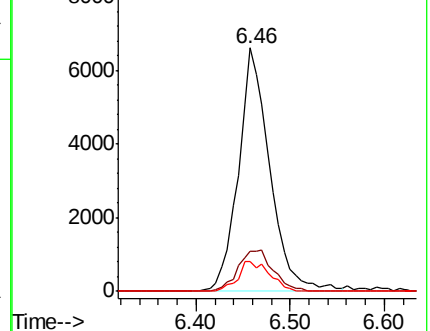
87 12.4 9.6 14.4



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: 57.079 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005868.D

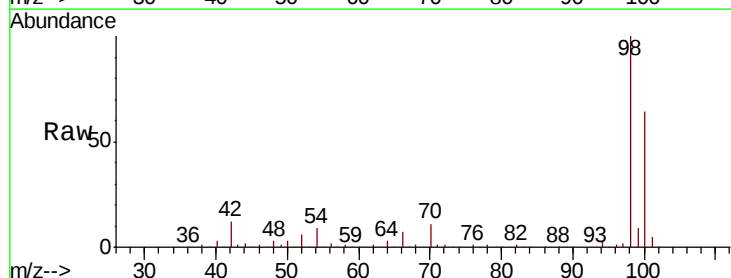
Acq: 09 Nov 2018 18:11

Tgt Ion: 98 Resp: 187857

Ion Ratio Lower Upper

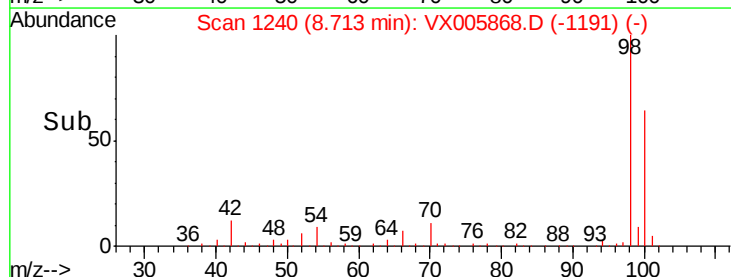
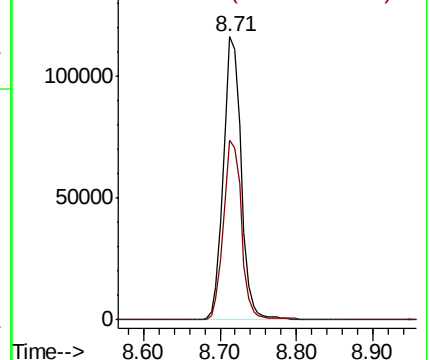
98 100

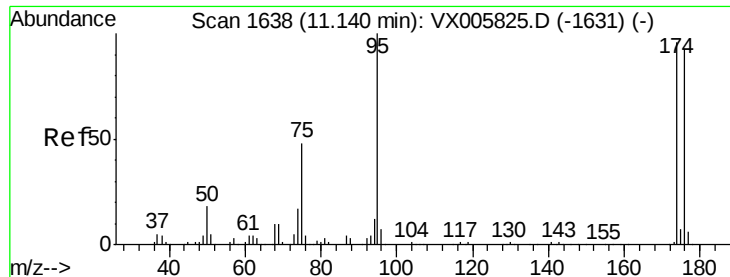
100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

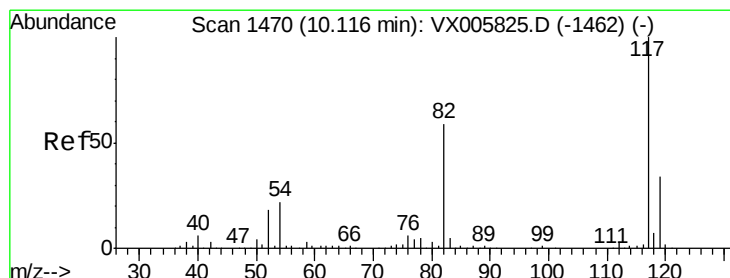
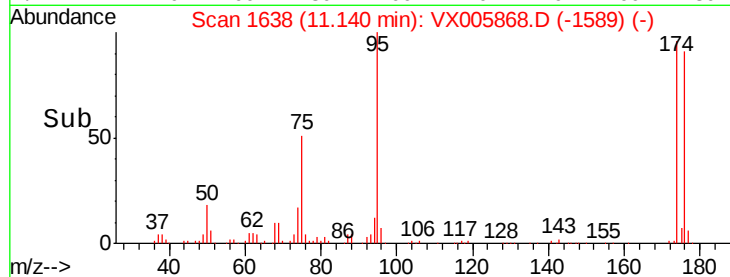
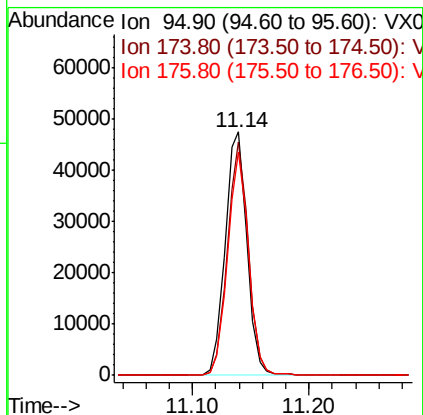
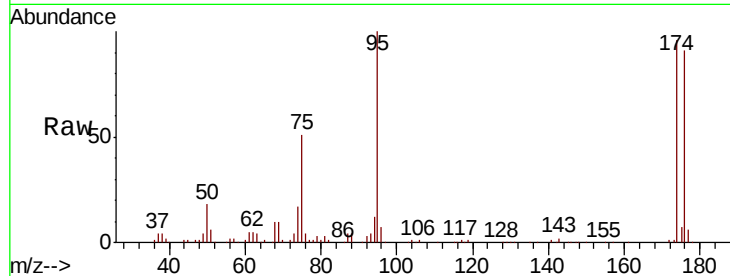




#62
4-Bromofluorobenzene
Concen: 51.955 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

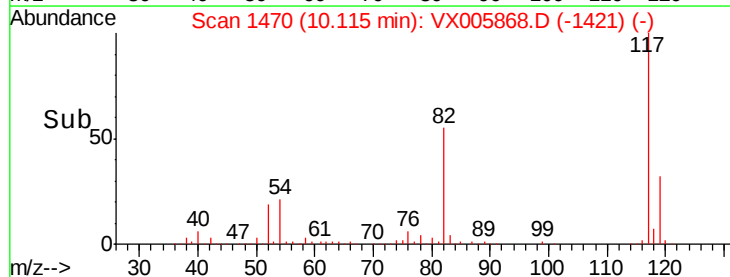
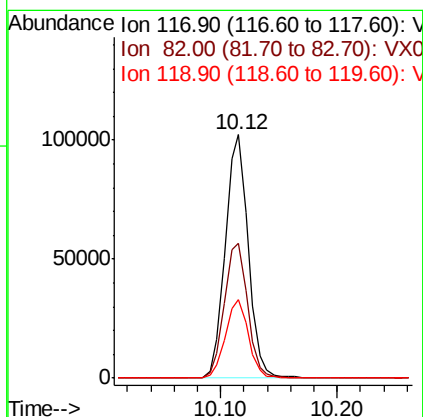
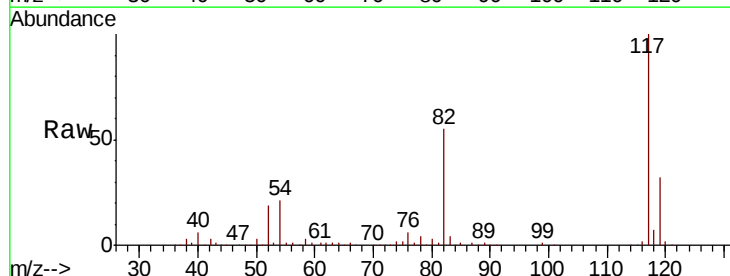
Instrument :
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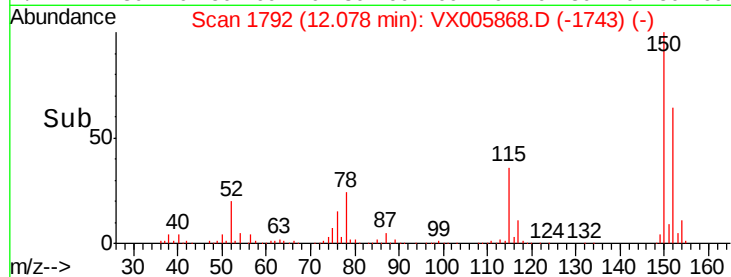
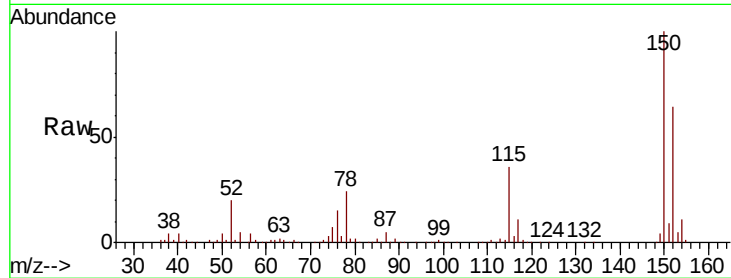
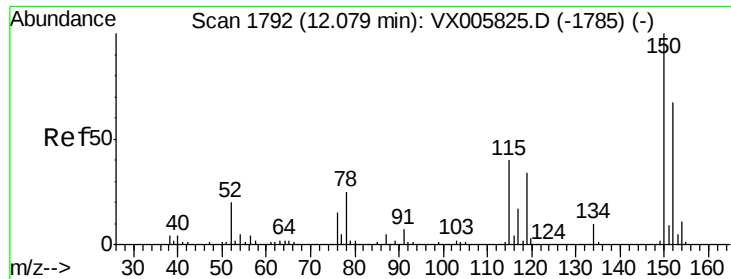
Tot Ion: 95 Resp: 61478
Ion Ratio Lower Upper
95 100
174 92.4 0.0 184.4
176 88.8 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 117 Resp: 139739
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005868.D

Acq: 09 Nov 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

TP-8A-S

Tot Ion:152 Resp: 65382

Ion Ratio Lower Upper

152 100

115 56.1 39.4 118.1

150 158.2 0.0 346.4

