

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003408.D
 Acq On : 16 Jul 2018 23:41
 Operator : JC/MD
 Sample : PB111123ZHE#16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#16

Quant Time: Jul 17 03:15:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	383301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203502	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	171854	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
35) Dibromofluoromethane	5.51	113	151131	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	8.72	98	590887	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.14	95	200399	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	

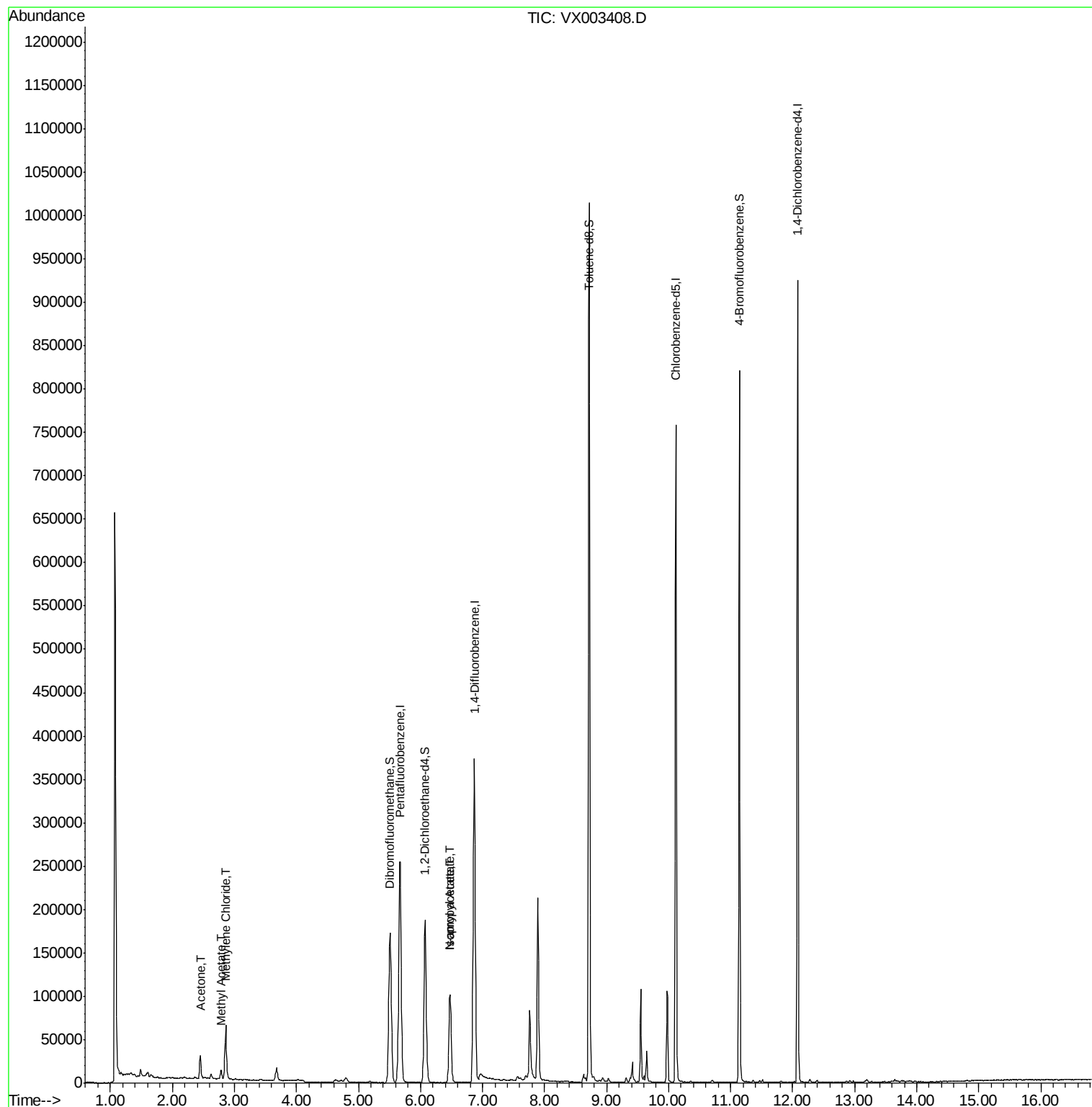
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	29527	20.39	ug/l #	84
18) Methyl Acetate	2.78	43	11360	2.41	ug/l #	89
20) Methylene Chloride	2.86	84	30531	9.08	ug/l	89
43) Isopropyl Acetate	6.48	43	132307	20.04	ug/l	93
74) N-amyl acetate	6.48	43	132307	21.11	ug/l #	92

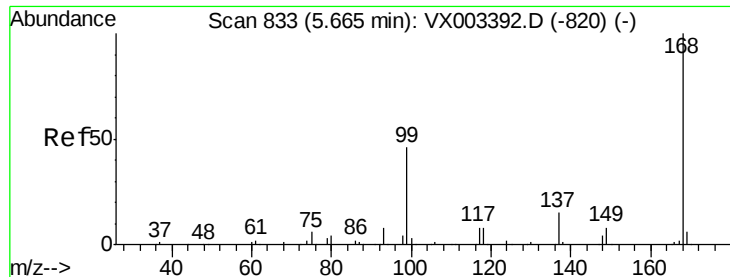
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003408.D

Acq: 16 Jul 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

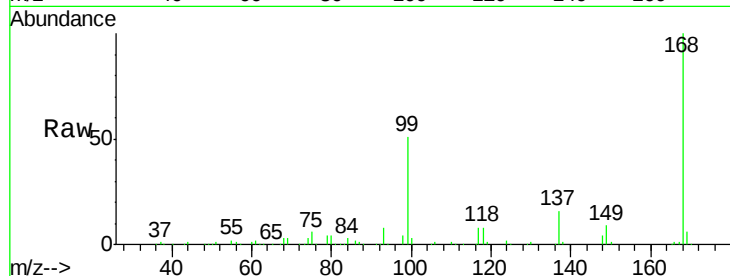
PB111123ZHE#16

Tot Ion:168 Resp: 265916

Ion Ratio Lower Upper

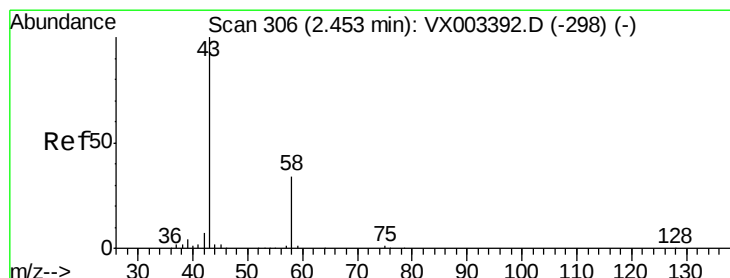
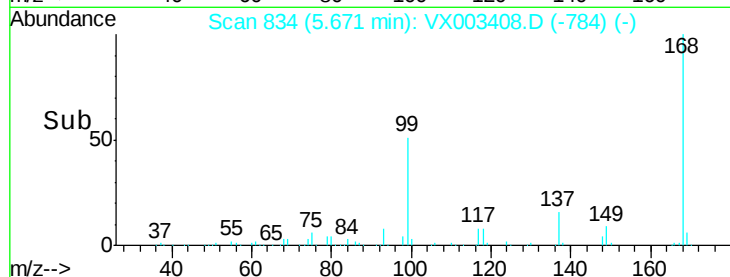
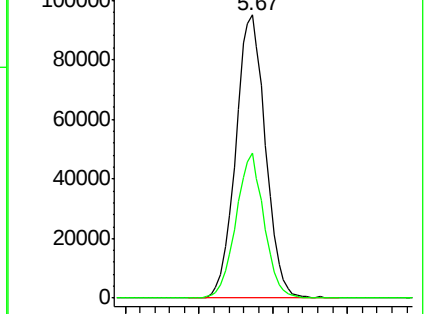
168 100

99 51.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 20.39 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003408.D

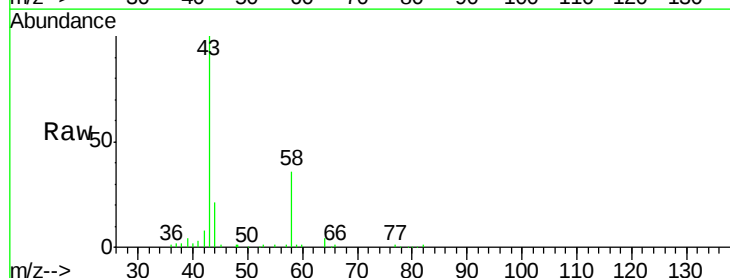
Acq: 16 Jul 2018 23:41

Tgt Ion: 43 Resp: 29527

Ion Ratio Lower Upper

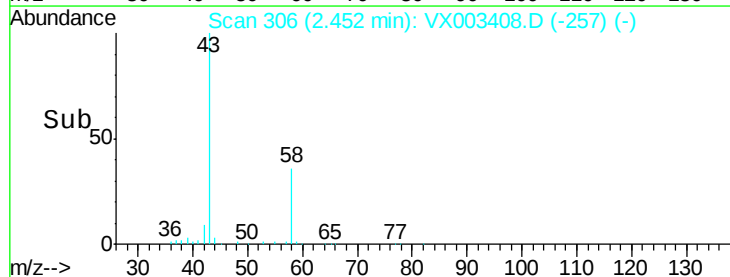
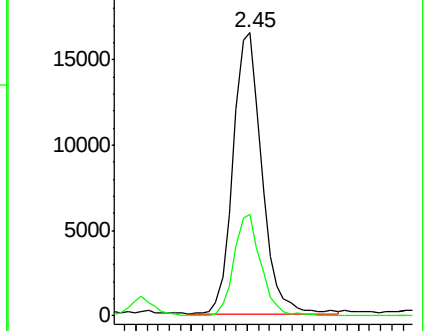
43 100

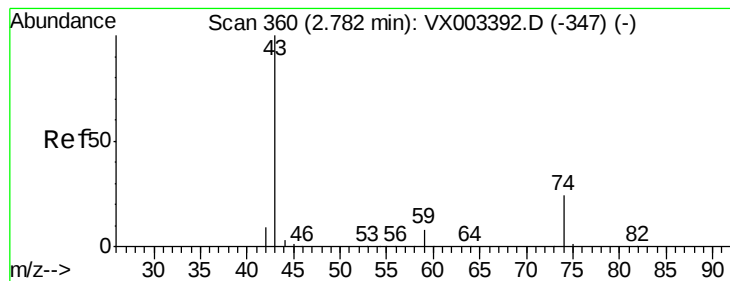
58 36.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 2.41 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003408.D

Acq: 16 Jul 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

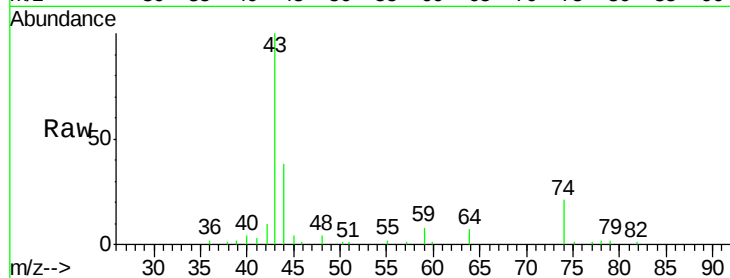
PB111123ZHE#16

Tot Ion: 43 Resp: 11360

Ion Ratio Lower Upper

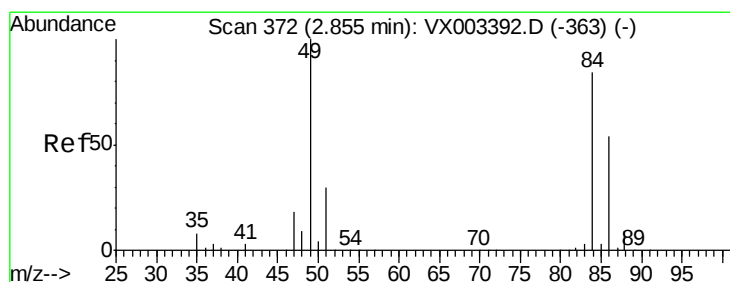
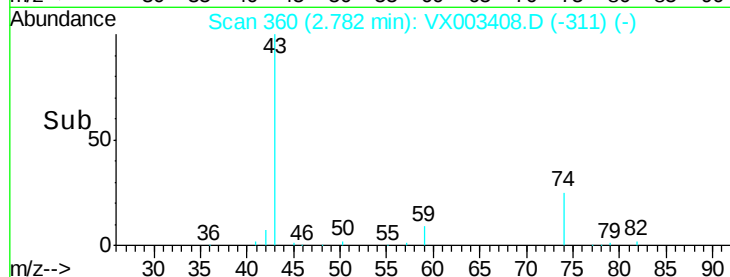
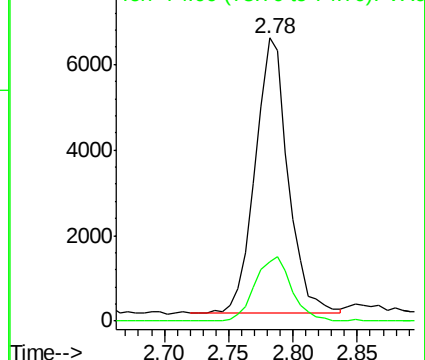
43 100

74 26.0 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 9.08 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003408.D

Acq: 16 Jul 2018 23:41

Tgt Ion: 84 Resp: 30531

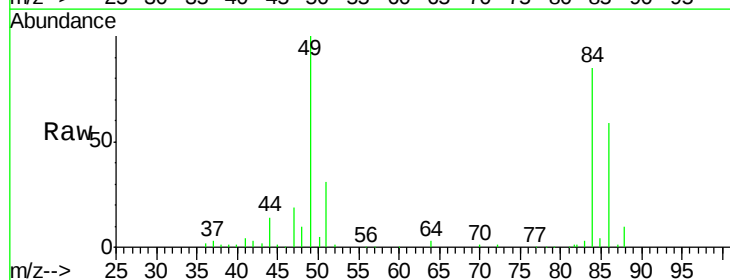
Ion Ratio Lower Upper

84 100

49 117.4 107.8 161.6

51 35.9 32.8 49.2

86 69.6 52.5 78.7

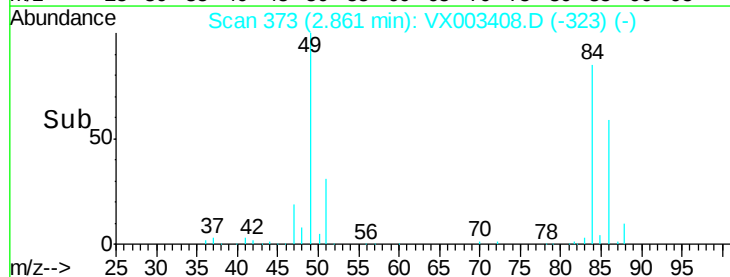
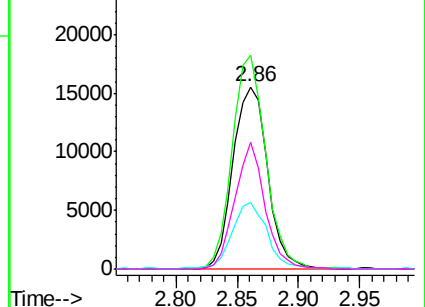


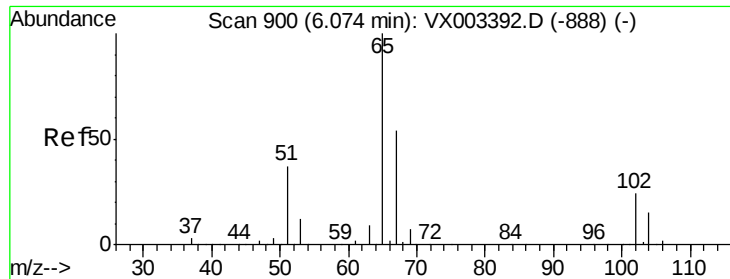
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

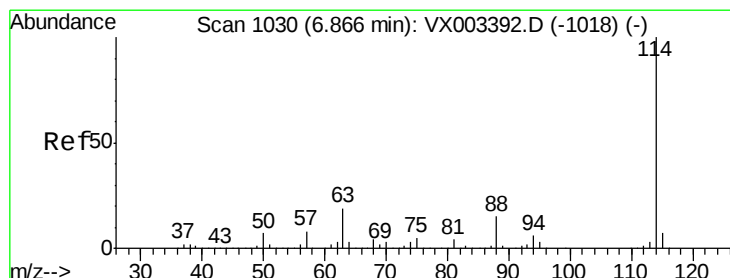
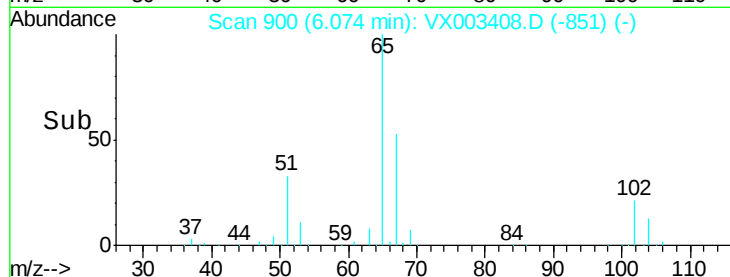
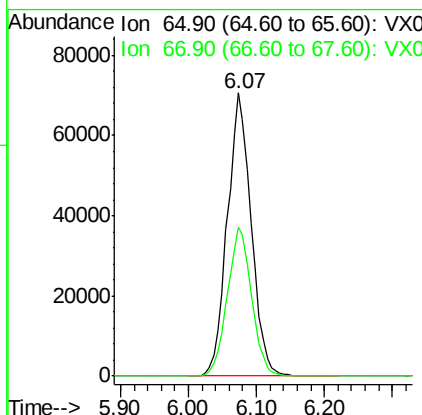
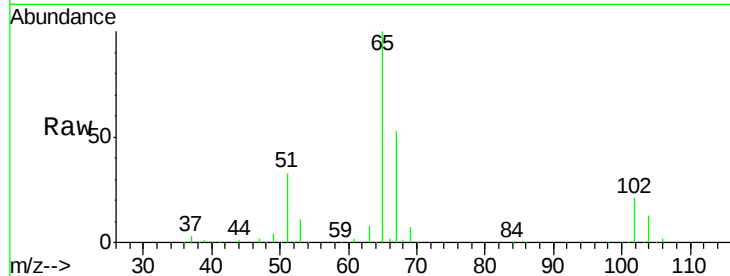




#33
 1,2-Dichloroethane-d4
 Concen: 49.35 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003408.D
 Acq: 16 Jul 2018 23:41

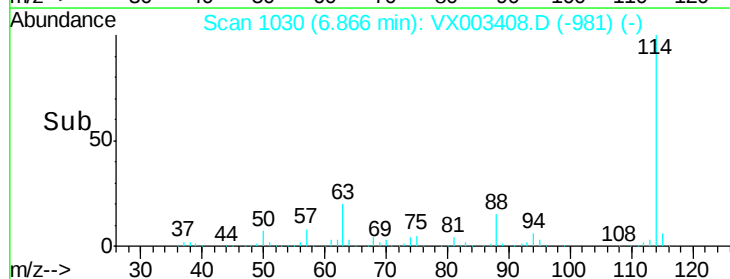
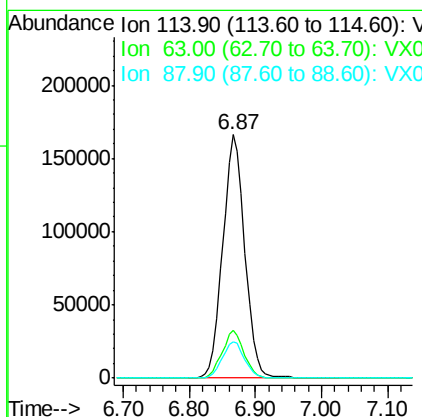
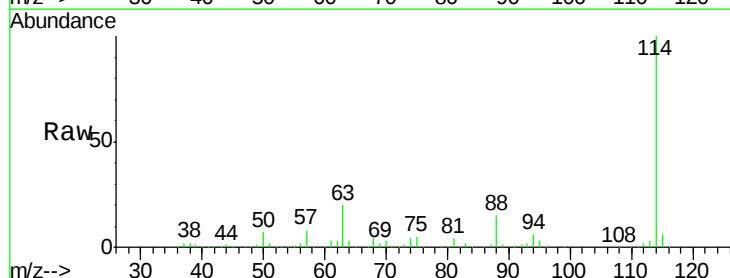
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#16

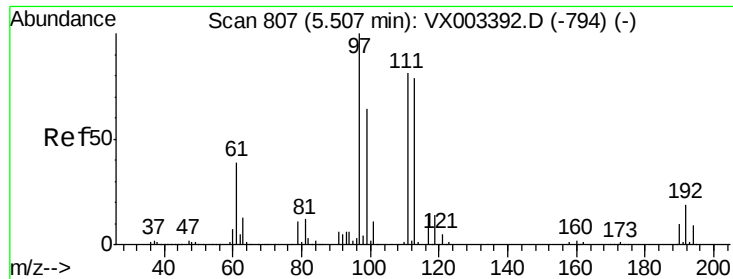
Tot Ion: 65 Resp: 171854
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003408.D
 Acq: 16 Jul 2018 23:41

Tgt Ion: 114 Resp: 383301
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 14.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.73 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003408.D

Acq: 16 Jul 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

PB111123ZHE#16

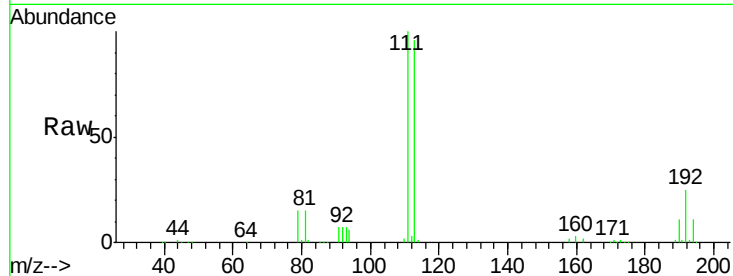
Tot Ion:113 Resp: 151131

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

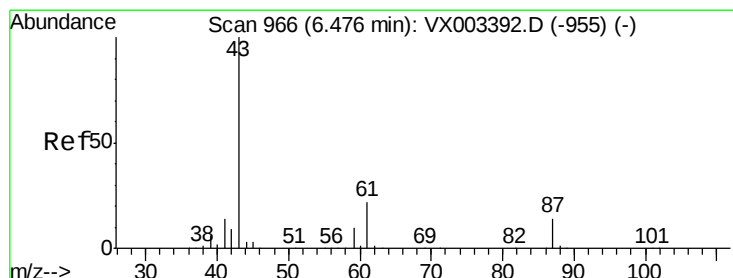
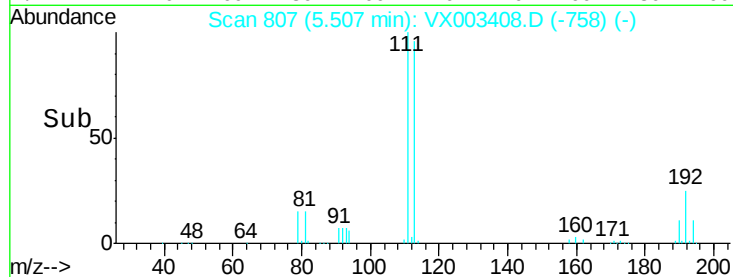
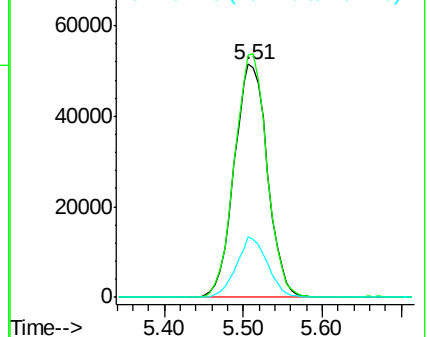
192 24.2 19.1 28.7



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: 20.04 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX003408.D

Acq: 16 Jul 2018 23:41

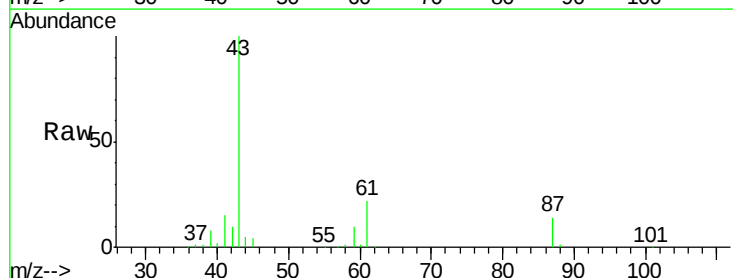
Tgt Ion: 43 Resp: 132307

Ion Ratio Lower Upper

43 100

61 21.5 14.4 21.6

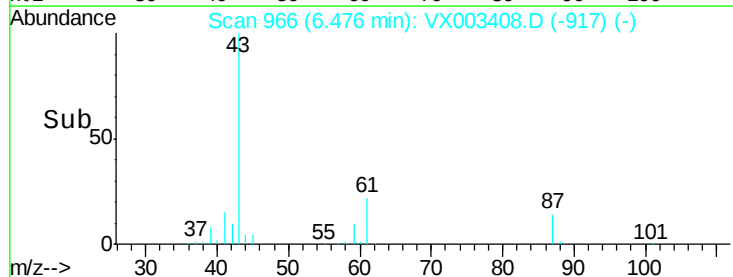
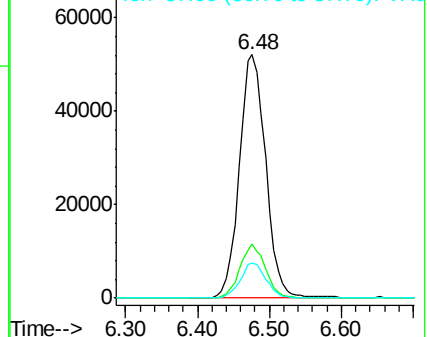
87 14.0 9.5 14.3

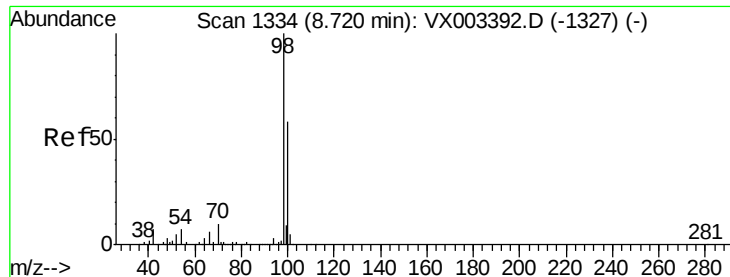


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003408.D

Acq: 16 Jul 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

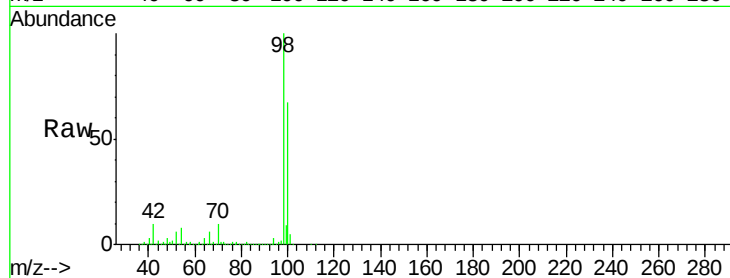
PB111123ZHE#16

Tot Ion: 98 Resp: 590887

Ion Ratio Lower Upper

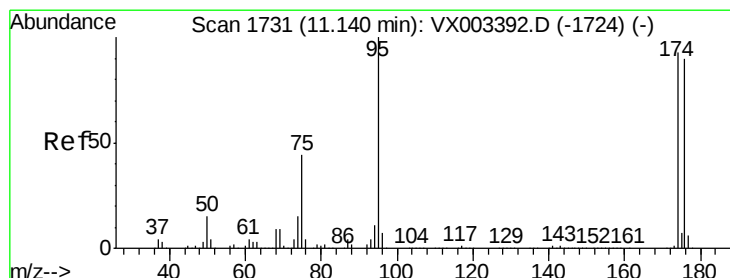
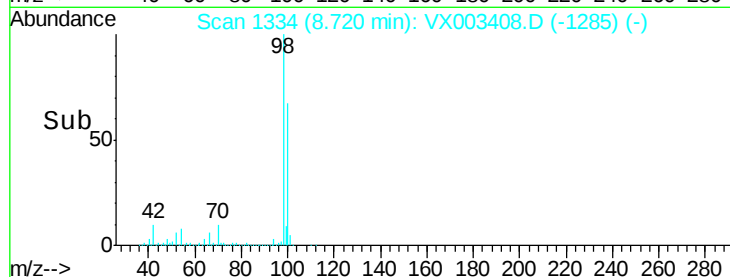
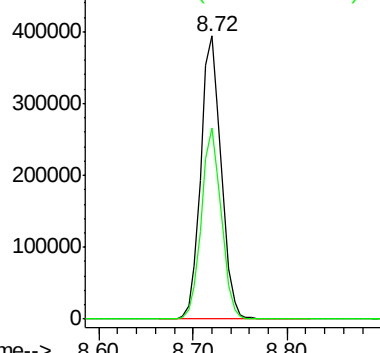
98 100

100 65.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003408.D

Acq: 16 Jul 2018 23:41

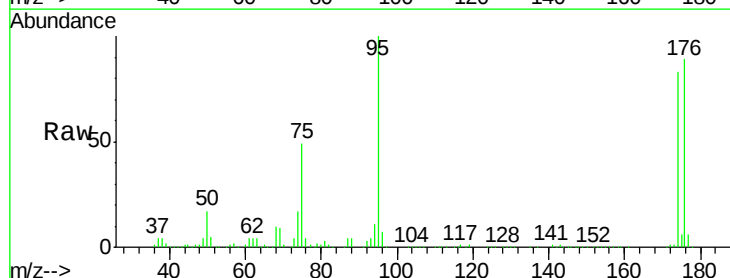
Tgt Ion: 95 Resp: 200399

Ion Ratio Lower Upper

95 100

174 90.4 0.0 187.4

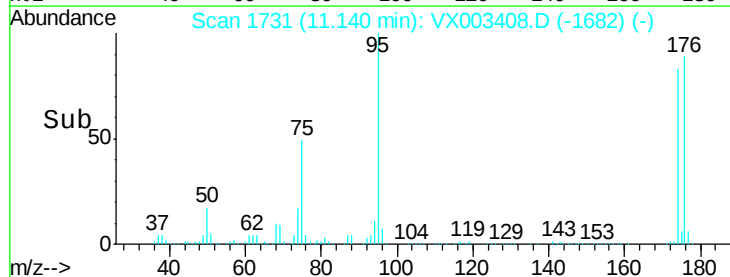
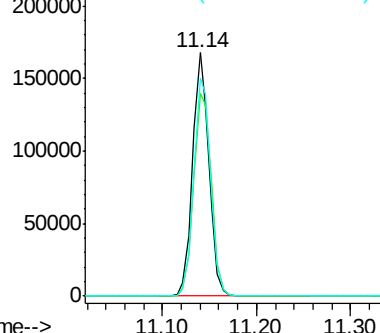
176 92.6 0.0 181.0

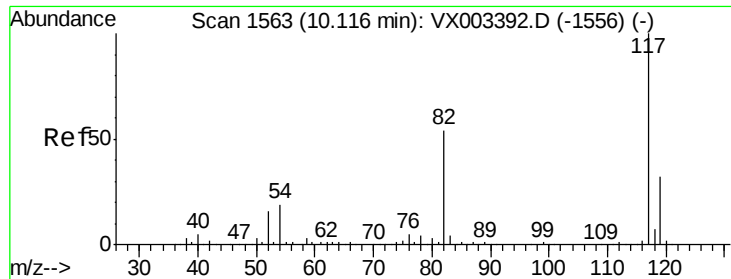


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

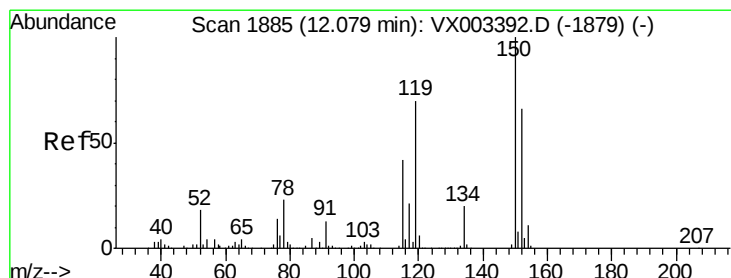
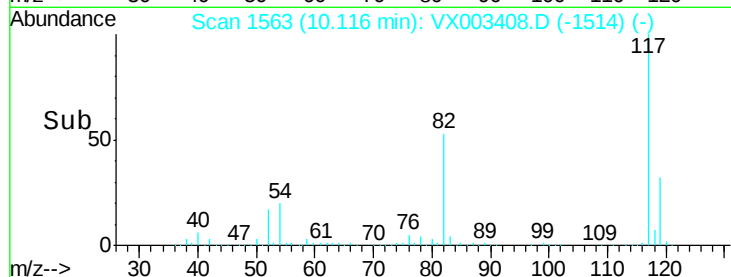
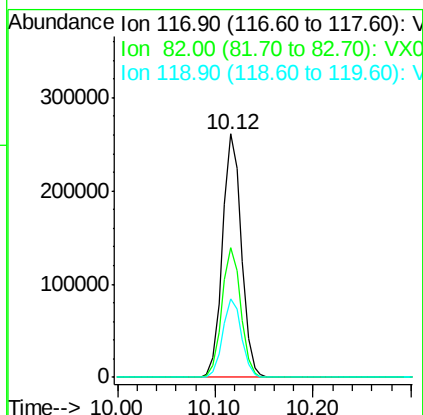
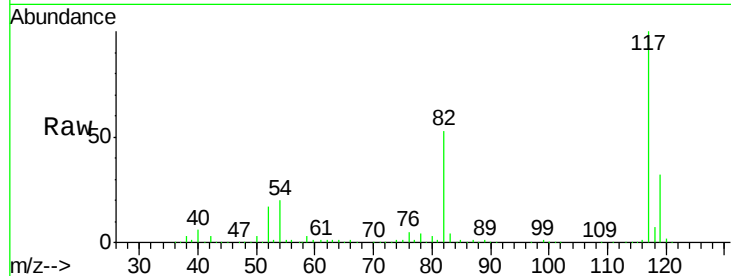




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003408.D
Acq: 16 Jul 2018 23:41

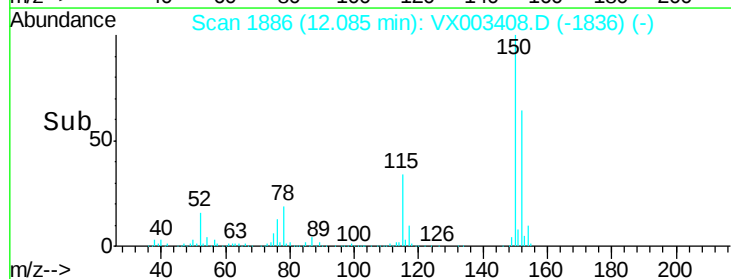
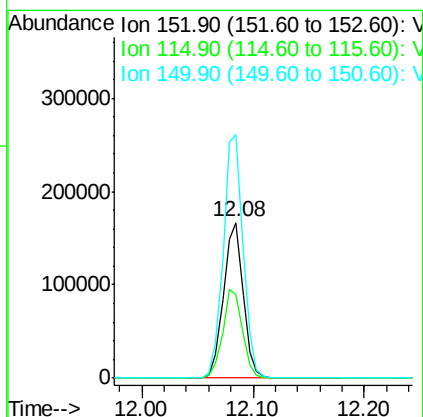
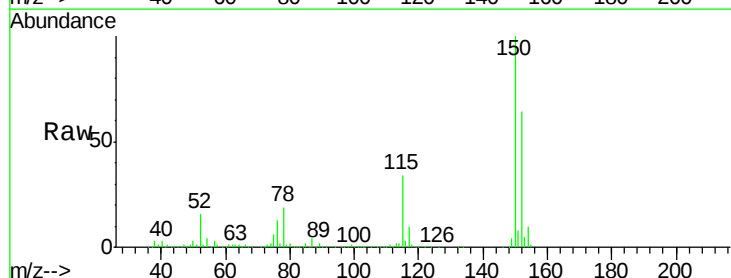
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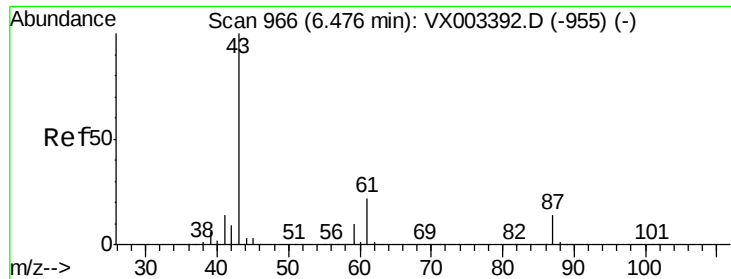
Tot Ion:117 Resp: 350208
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003408.D
Acq: 16 Jul 2018 23:41

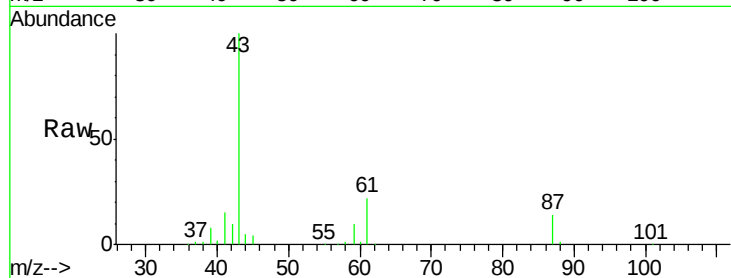
Tgt Ion:152 Resp: 203502
Ion Ratio Lower Upper
152 100
115 56.7 40.1 120.2
150 158.5 0.0 347.2





#74
 N-amvl acetate
 Concen: 21.11 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX003408.D
 Acq: 16 Jul 2018 23:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#16



Tot Ion:	43	Resp:	132307
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	21.5	14.4	21.6

