

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003405.D
 Acq On : 16 Jul 2018 22:20
 Operator : JC/MD
 Sample : PB111123ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#13

Quant Time: Jul 17 02:31:54 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	267047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	393300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211150	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	170046	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.51	113	150613	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.72	98	637231	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
62) 4-Bromofluorobenzene	11.14	95	223836	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	

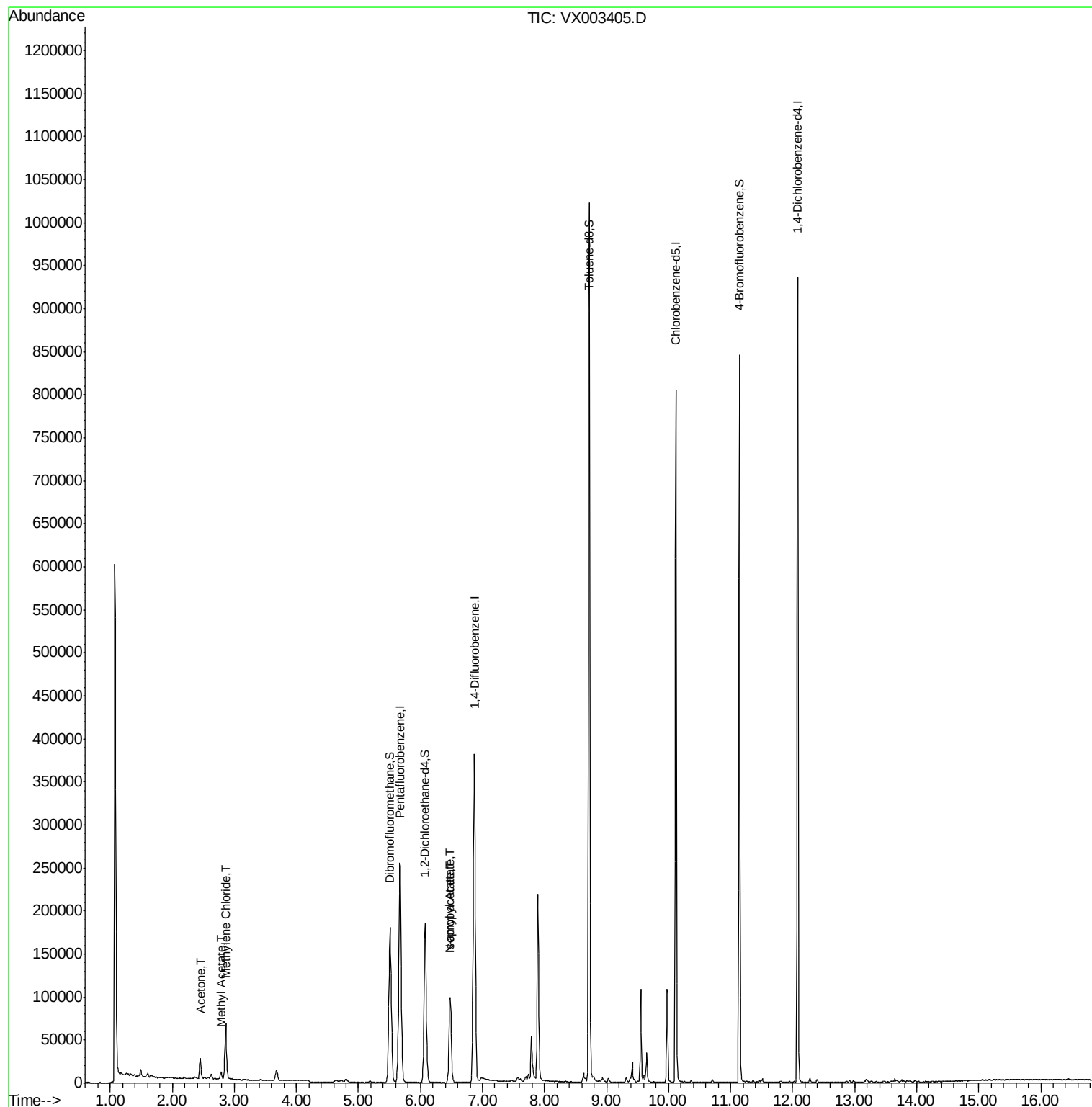
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	26170	17.99	ug/l #	86
18) Methyl Acetate	2.78	43	10255	2.16	ug/l	93
20) Methylene Chloride	2.86	84	30591	9.05	ug/l	89
43) Isopropyl Acetate	6.48	43	129564	19.13	ug/l #	92
74) N-amyl acetate	6.48	43	129564	19.93	ug/l #	91

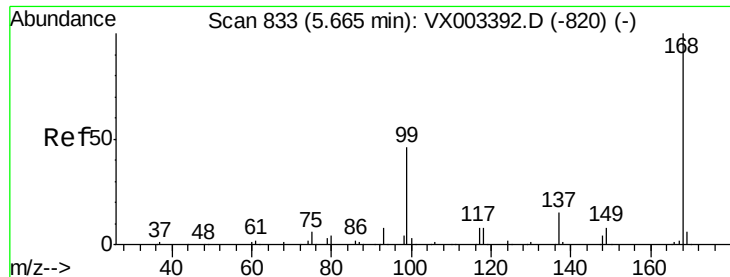
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003405.D

Acq: 16 Jul 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

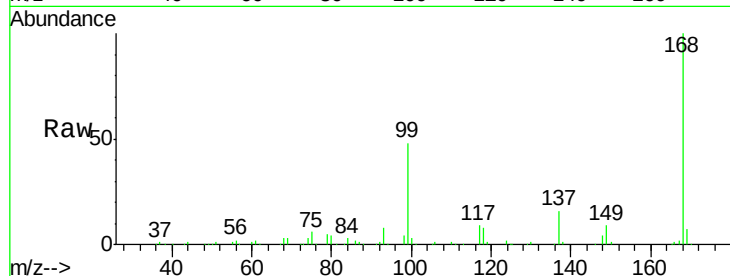
PB111123ZHE#13

Tot Ion:168 Resp: 267047

Ion Ratio Lower Upper

168 100

99 47.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

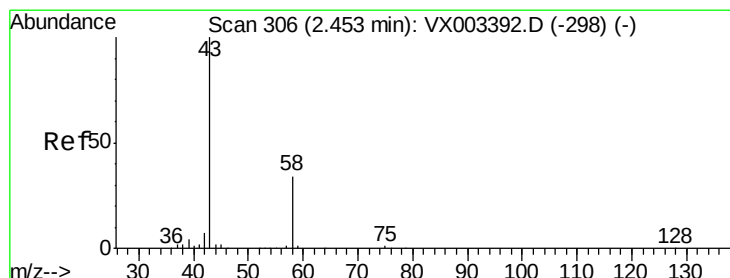
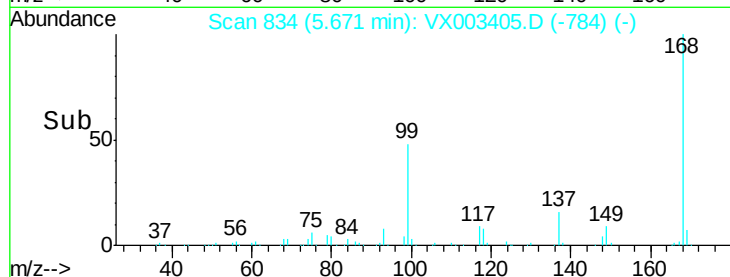
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.99 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003405.D

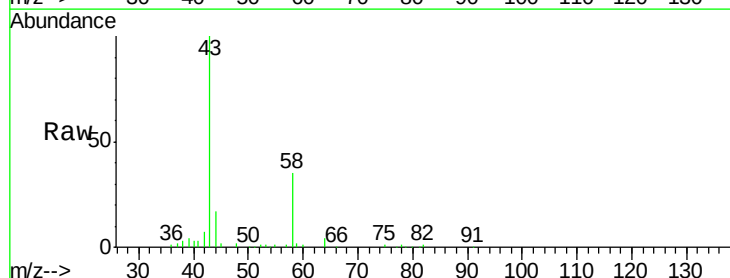
Acq: 16 Jul 2018 22:20

Tgt Ion: 43 Resp: 26170

Ion Ratio Lower Upper

43 100

58 35.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

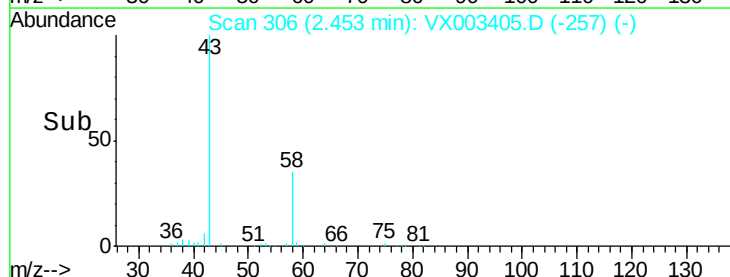
15000

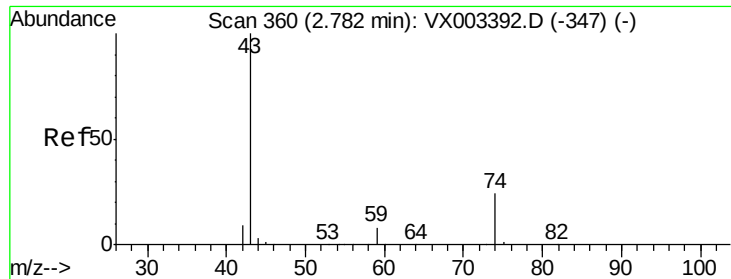
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

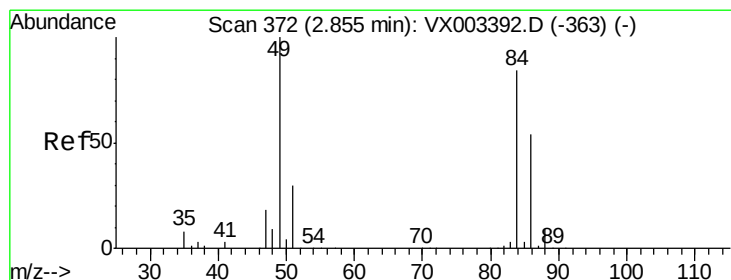
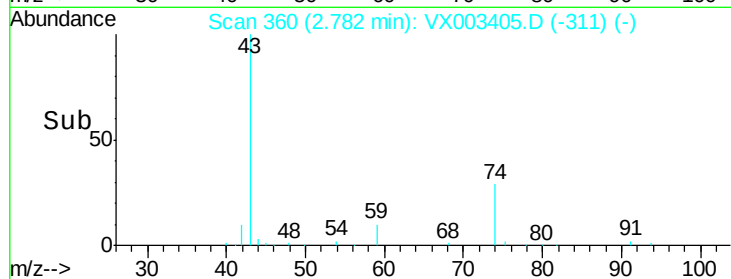
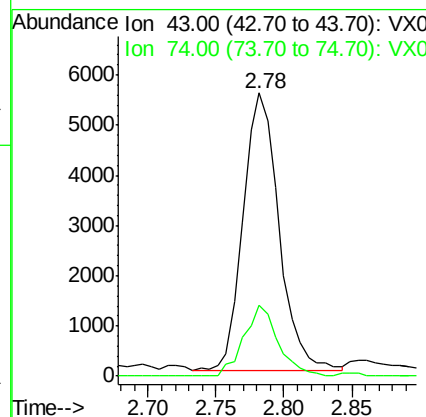
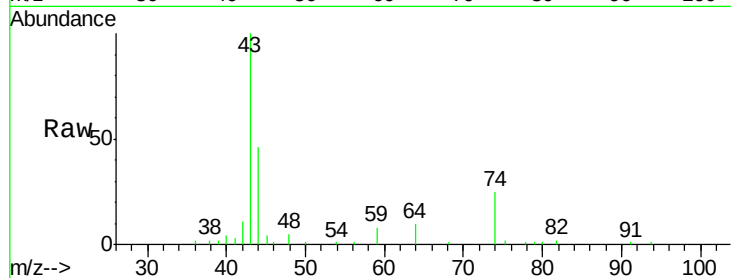




#18
Methyl Acetate
Concen: 2.16 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003405.D
Acq: 16 Jul 2018 22:20

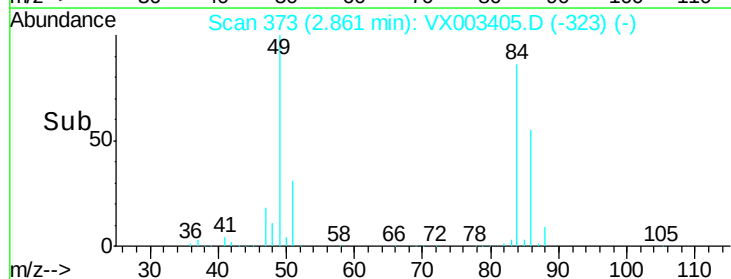
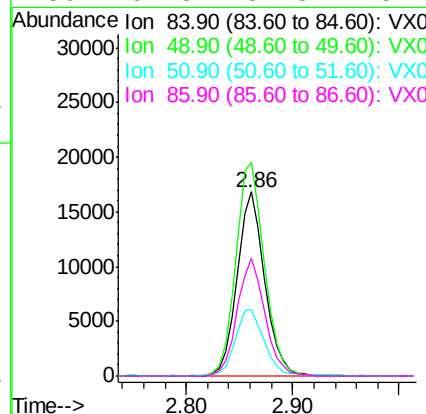
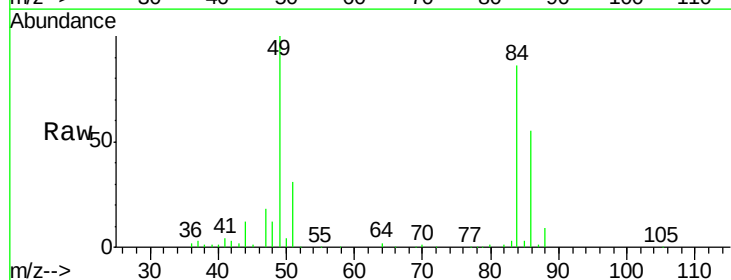
Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#13

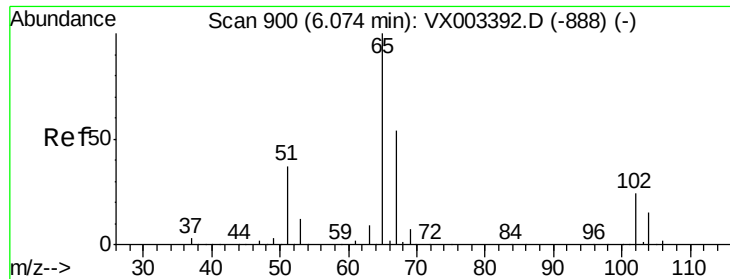
Tot Ion: 43 Resp: 10255
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1



#20
Methylene Chloride
Concen: 9.05 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003405.D
Acq: 16 Jul 2018 22:20

Tgt Ion: 84 Resp: 30591
Ion Ratio Lower Upper
84 100
49 116.1 107.8 161.6
51 35.8 32.8 49.2
86 64.3 52.5 78.7

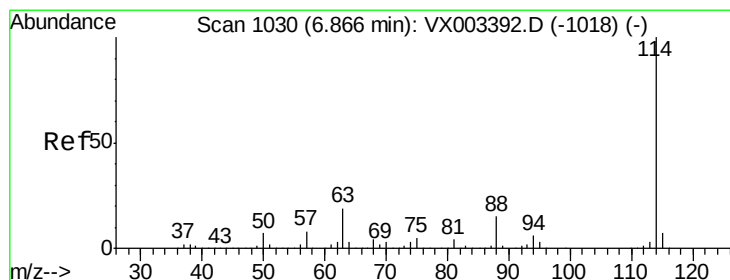
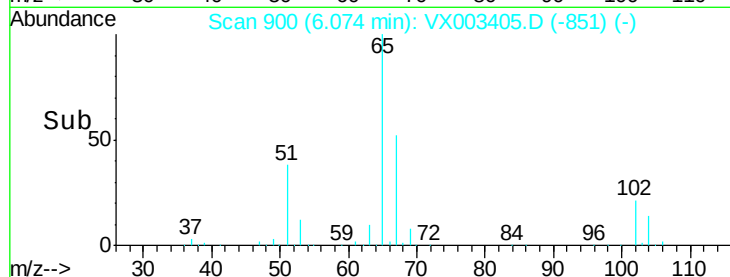
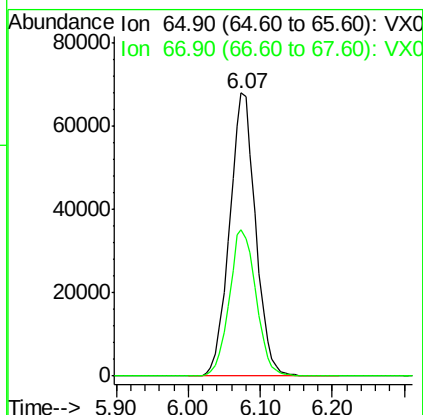
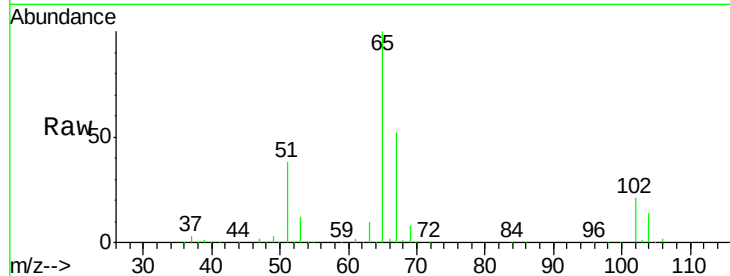




#33
 1,2-Dichloroethane-d4
 Concen: 48.62 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003405.D
 Acq: 16 Jul 2018 22:20

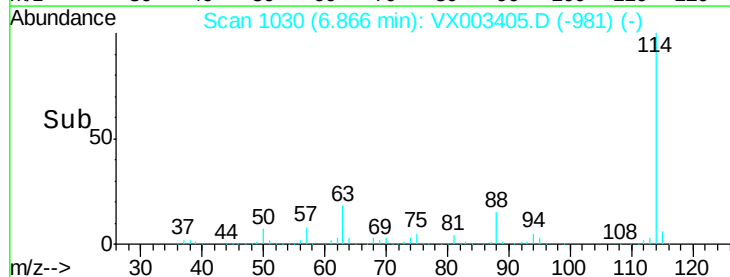
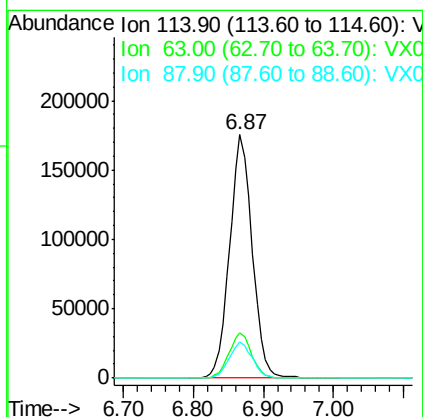
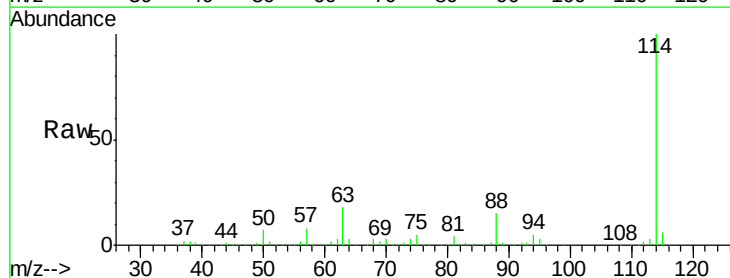
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#13

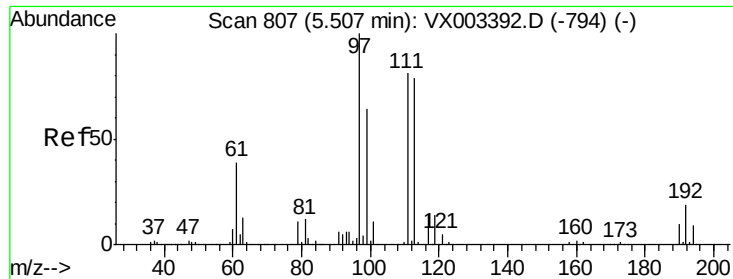
Tot Ion: 65 Resp: 170046
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003405.D
 Acq: 16 Jul 2018 22:20

Tgt Ion: 114 Resp: 393300
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 14.8 0.0 30.0

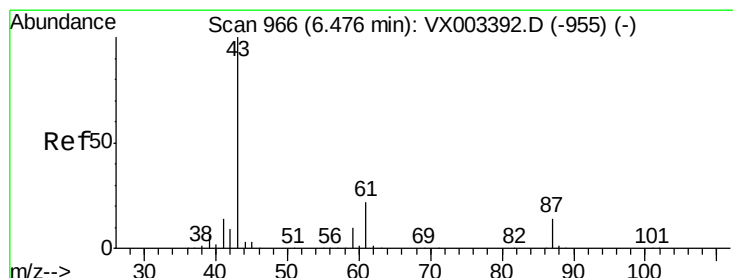
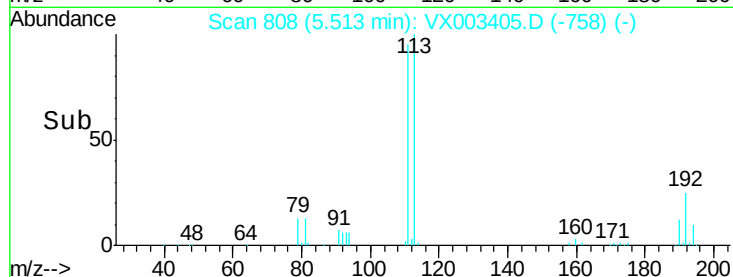
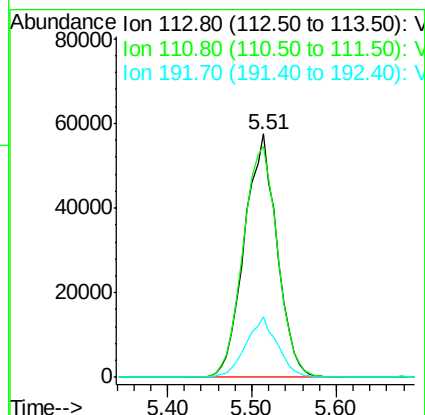
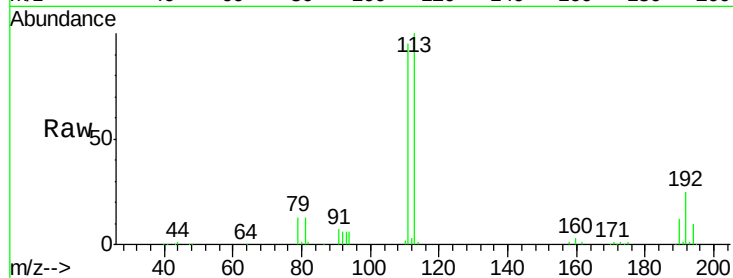




#35
 Dibromofluoromethane
 Concen: 47.33 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003405.D
 Acq: 16 Jul 2018 22:20

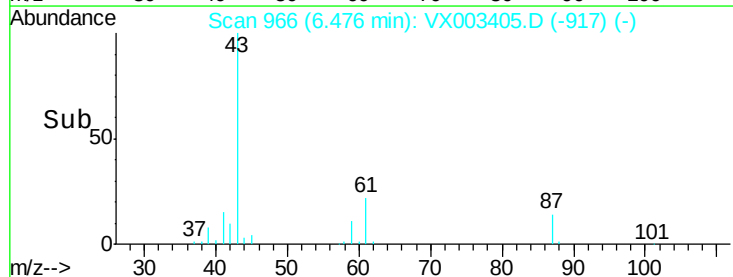
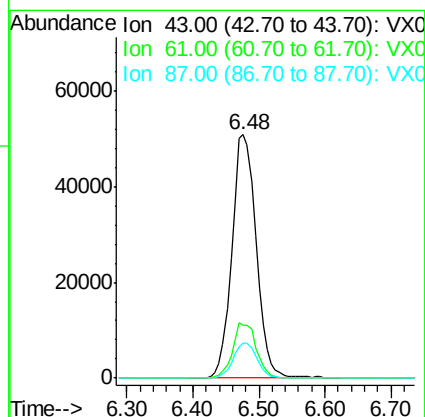
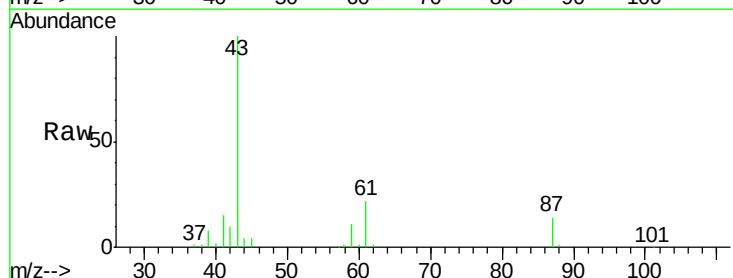
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#13

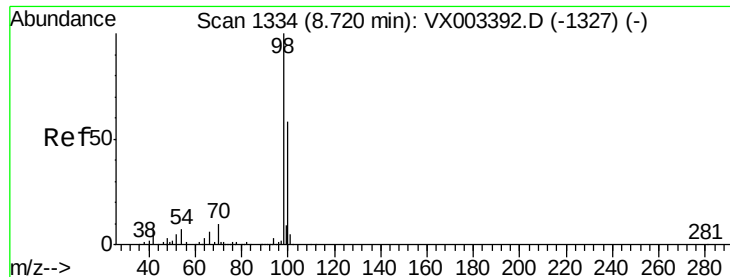
Tot Ion:113 Resp: 150613
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.0
 192 23.9 19.1 28.7



#43
 Isopropyl Acetate
 Concen: 19.13 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX003405.D
 Acq: 16 Jul 2018 22:20

Tgt Ion: 43 Resp: 129564
 Ion Ratio Lower Upper
 43 100
 61 22.0 14.4 21.6#
 87 14.2 9.5 14.3





#50

Toluene-d8

Concen: 54.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003405.D

Acq: 16 Jul 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

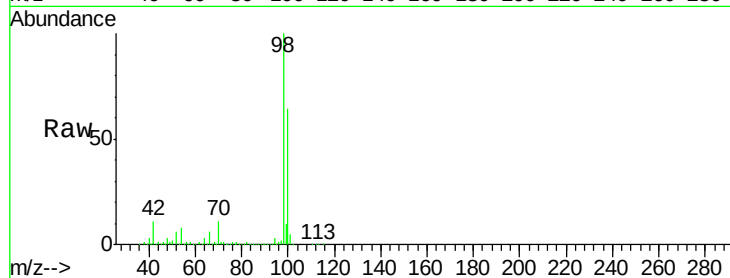
PB111123ZHE#13

Tot Ion: 98 Resp: 637231

Ion Ratio Lower Upper

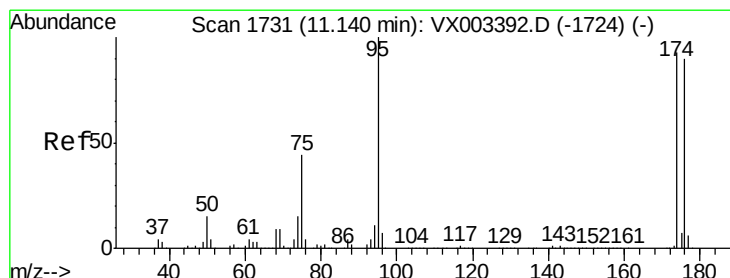
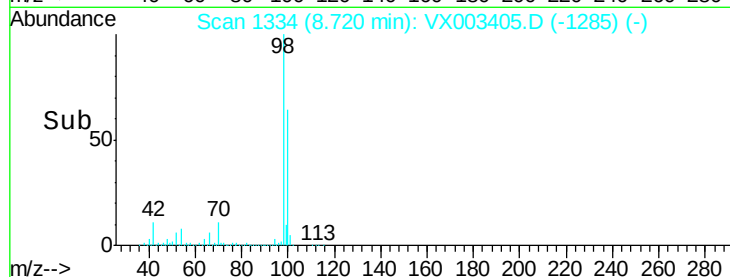
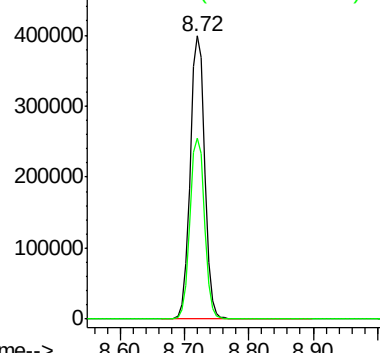
98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003405.D

Acq: 16 Jul 2018 22:20

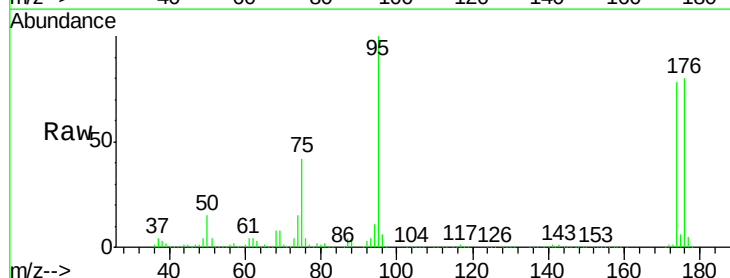
Tgt Ion: 95 Resp: 223836

Ion Ratio Lower Upper

95 100

174 87.4 0.0 187.4

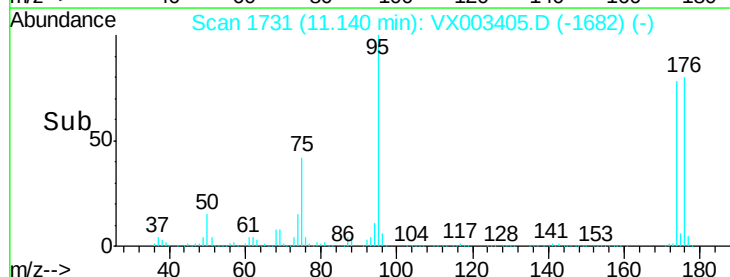
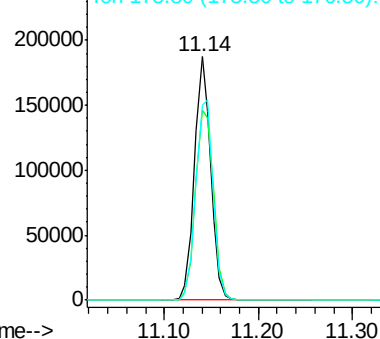
176 87.9 0.0 181.0

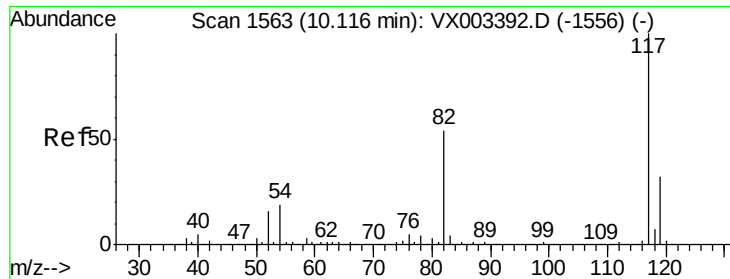


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX003405.D

Acq: 16 Jul 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

PB111123ZHE#13

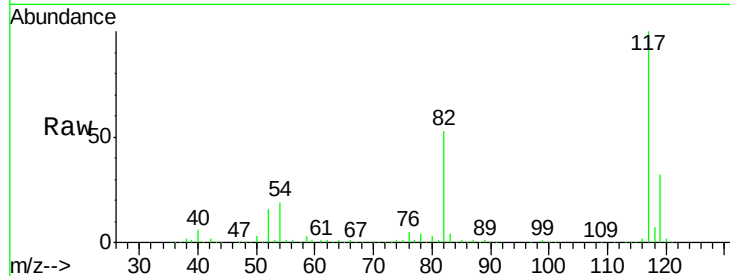
Tot Ion:117 Resp: 377013

Ion Ratio Lower Upper

117 100

82 52.9 45.0 67.4

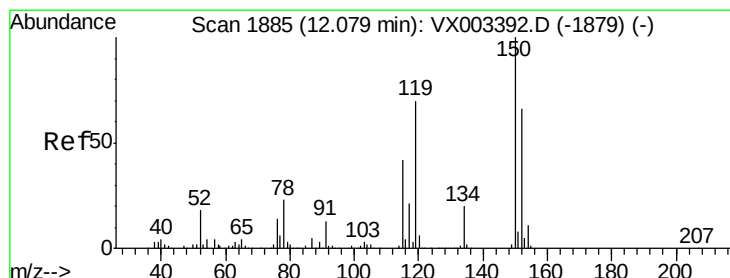
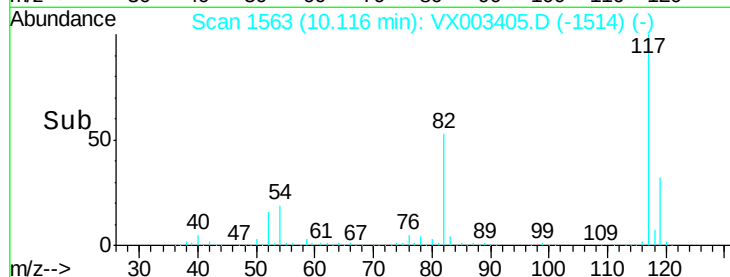
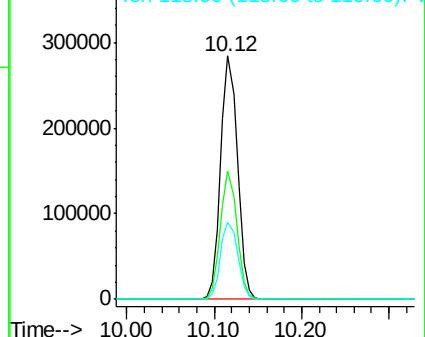
119 32.0 25.8 38.6



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# 1886

Delta R.T. 0.01 min

Lab File: VX003405.D

Acq: 16 Jul 2018 22:20

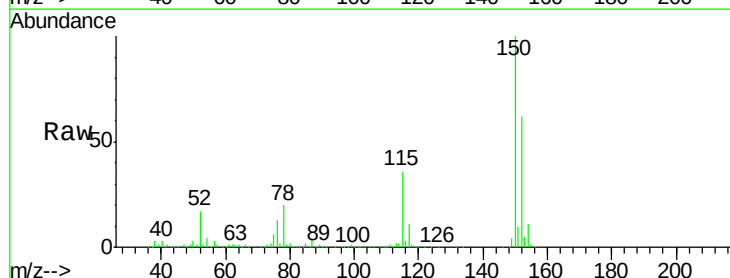
Tgt Ion:152 Resp: 211150

Ion Ratio Lower Upper

152 100

115 55.5 40.1 120.2

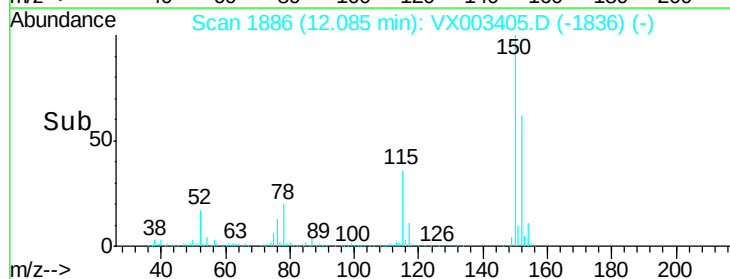
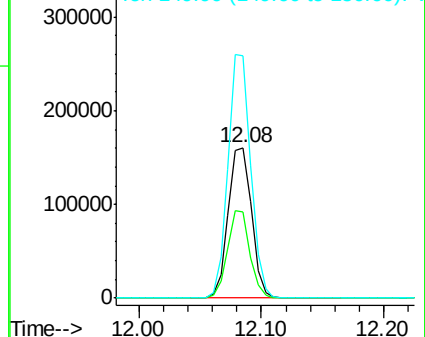
150 157.4 0.0 347.2

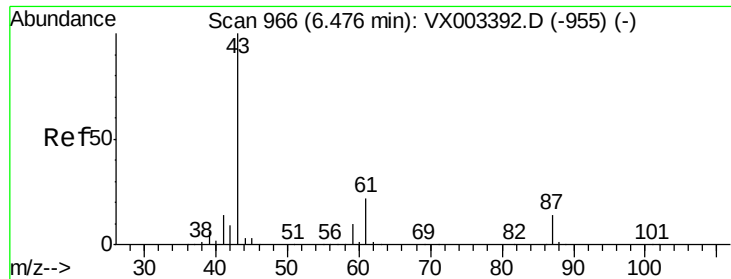


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

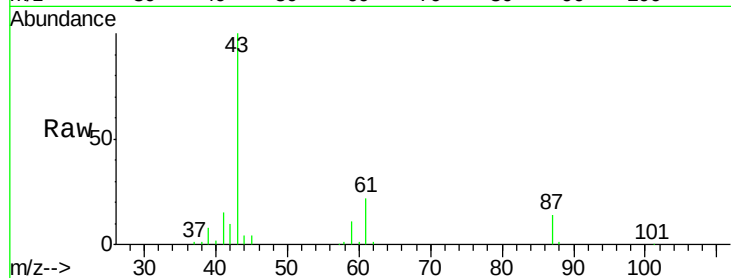




#74
 N-amvl acetate
 Concen: 19.93 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX003405.D
 Acq: 16 Jul 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#13

Tot Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	22.0	14.4	21.6#



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

