

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071618\
 Data File : VX003409.D
 Acq On : 17 Jul 2018 00:08
 Operator : JC/MD
 Sample : PB111123ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#17

Quant Time: Jul 17 03:17:22 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	279237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234082	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	181774	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
35) Dibromofluoromethane	5.51	113	159420	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
50) Toluene-d8	8.72	98	671605	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	
62) 4-Bromofluorobenzene	11.14	95	222807	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	

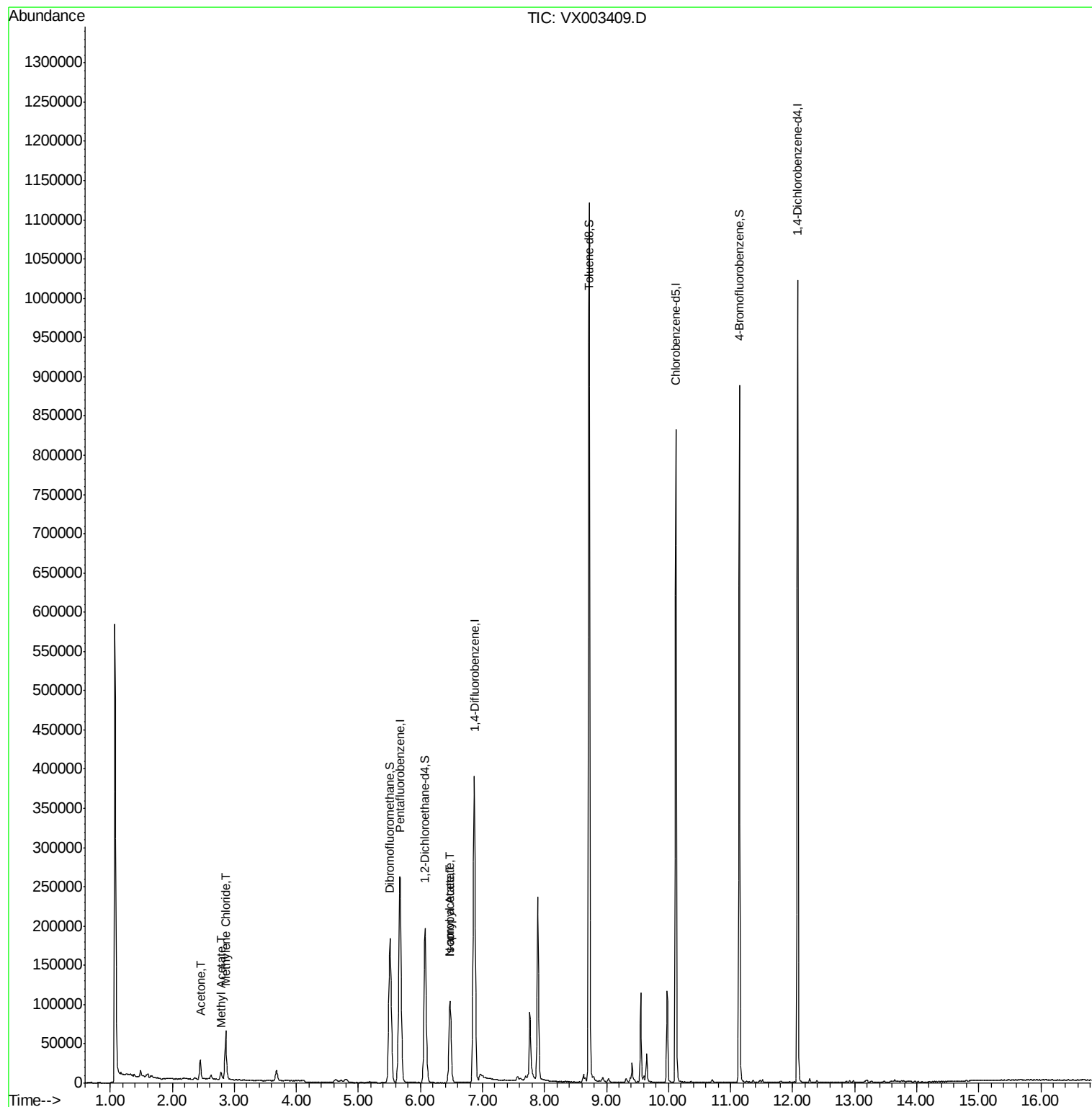
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	28112	18.48	ug/l #	82
18) Methyl Acetate	2.78	43	10969	2.21	ug/l	91
20) Methylene Chloride	2.86	84	29508	7.94	ug/l	86
43) Isopropyl Acetate	6.48	43	132859	18.61	ug/l #	92
74) N-amyl acetate	6.48	43	132859	18.43	ug/l #	93

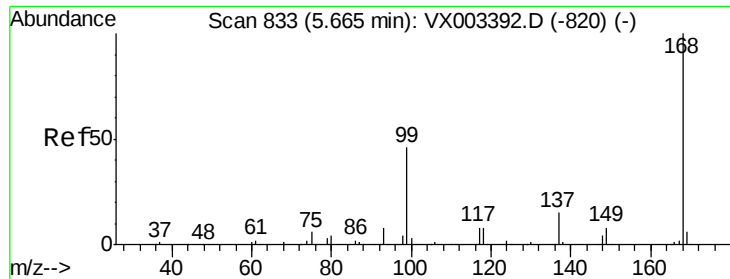
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003409.D

Acq: 17 Jul 2018 00:08

Instrument :

MSVOA_X

ClientSampleId :

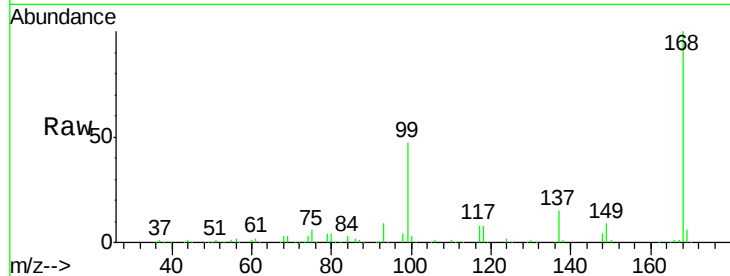
PB111123ZHE#17

Tot Ion:168 Resp: 279237

Ion Ratio Lower Upper

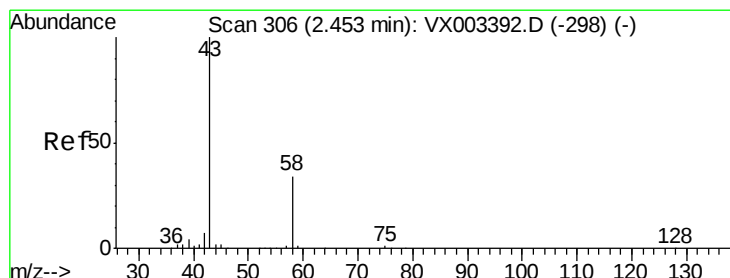
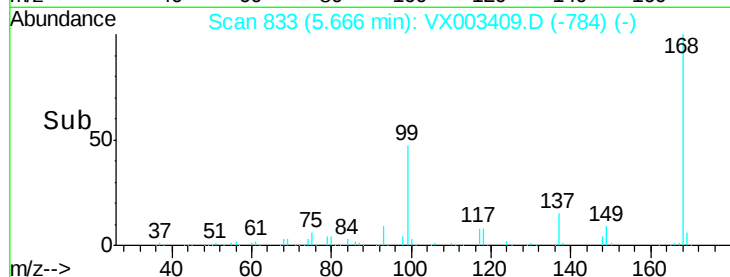
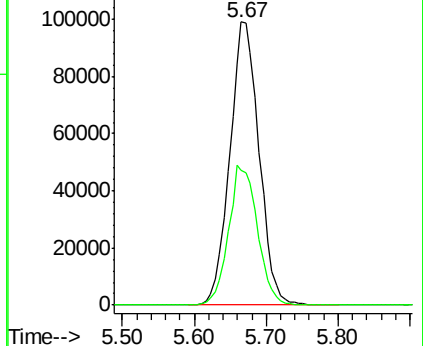
168 100

99 47.4 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: 18.48 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003409.D

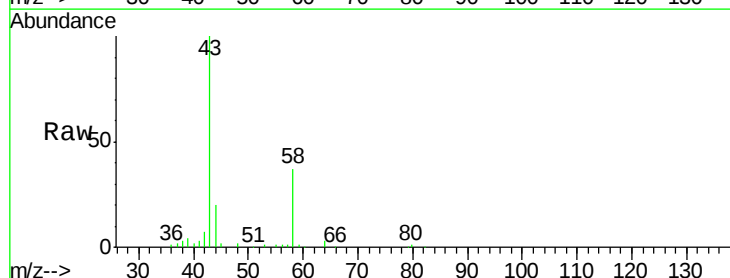
Acq: 17 Jul 2018 00:08

Tgt Ion: 43 Resp: 28112

Ion Ratio Lower Upper

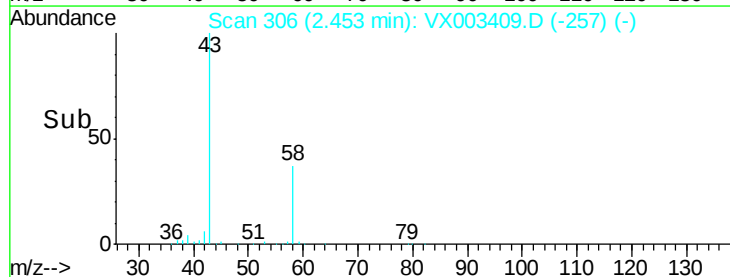
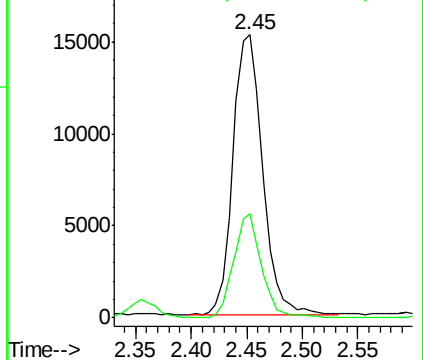
43 100

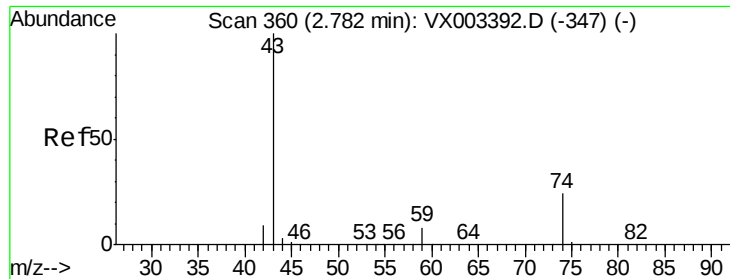
58 37.0 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

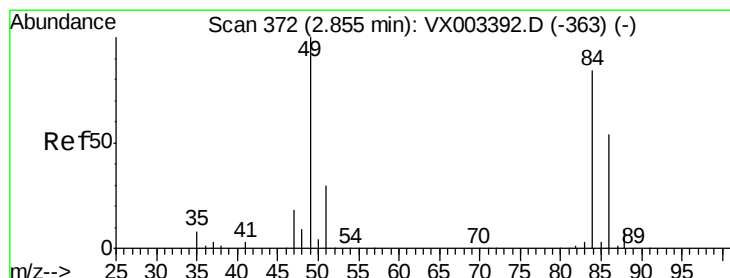
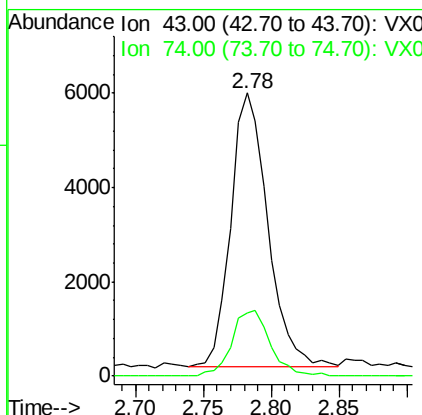
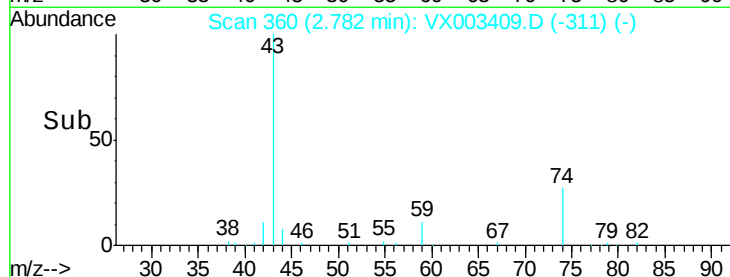
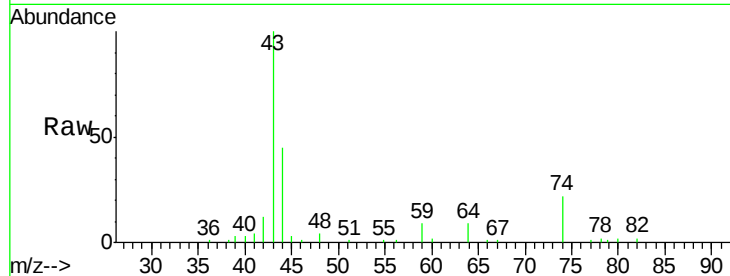




#18
Methyl Acetate
Concen: 2.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003409.D
Acq: 17 Jul 2018 00:08

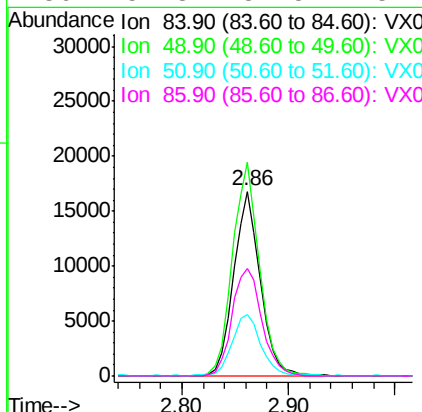
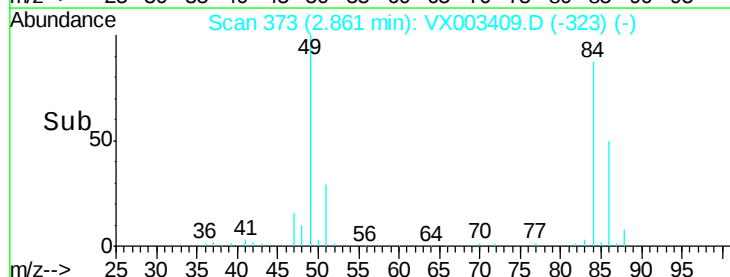
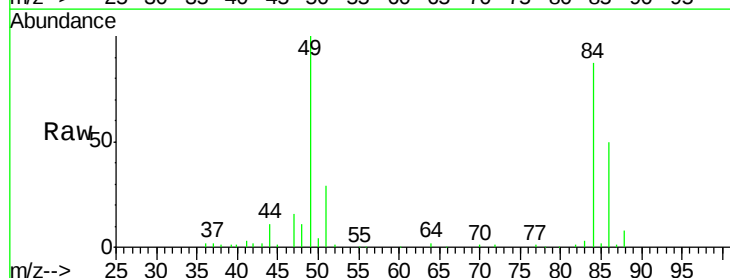
Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#17

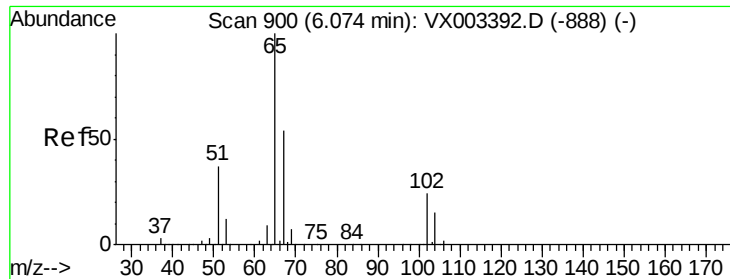
Tot Ion: 43 Resp: 10969
Ion Ratio Lower Upper
43 100
74 25.0 16.7 25.1



#20
Methylene Chloride
Concen: 7.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003409.D
Acq: 17 Jul 2018 00:08

Tgt Ion: 84 Resp: 29508
Ion Ratio Lower Upper
84 100
49 115.5 107.8 161.6
51 33.4 32.8 49.2
86 57.8 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 49.71 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003409.D

Acq: 17 Jul 2018 00:08

Instrument :

MSVOA_X

ClientSampleId :

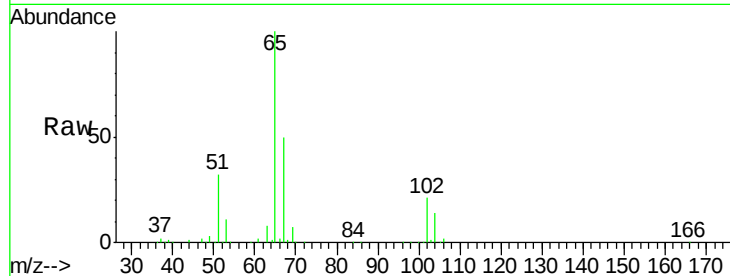
PB111123ZHE#17

Tot Ion: 65 Resp: 181774

Ion Ratio Lower Upper

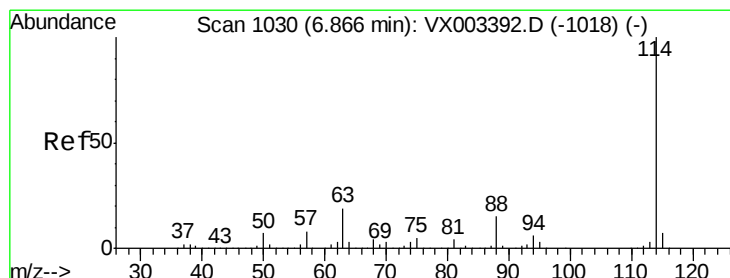
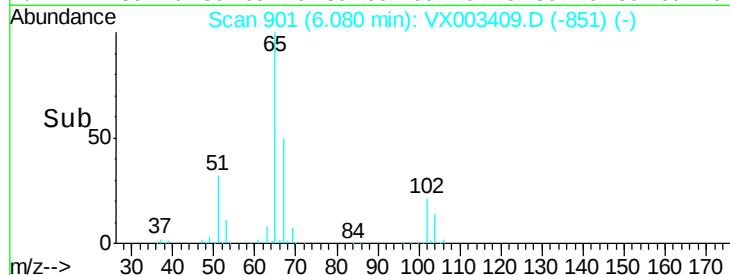
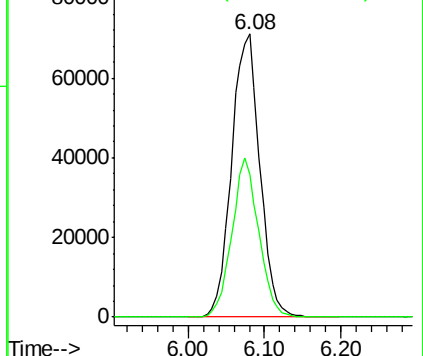
65 100

67 53.2 0.0 102.6



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. 0.00 min

Lab File: VX003409.D

Acq: 17 Jul 2018 00:08

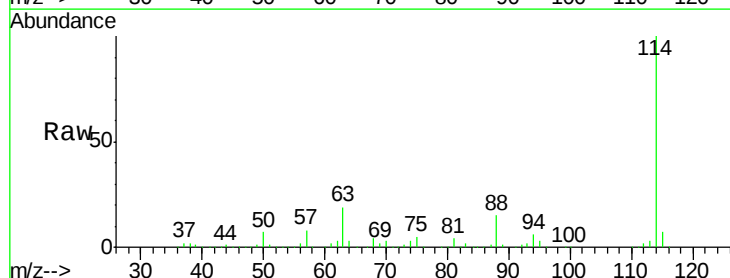
Tgt Ion: 114 Resp: 414458

Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.4

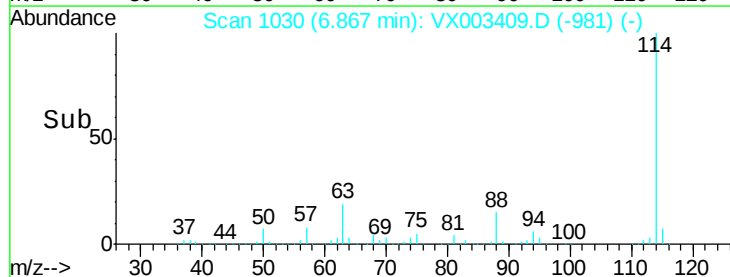
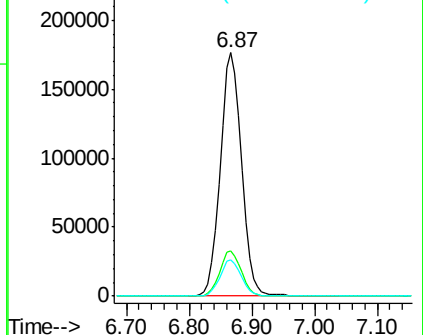
88 15.1 0.0 30.0

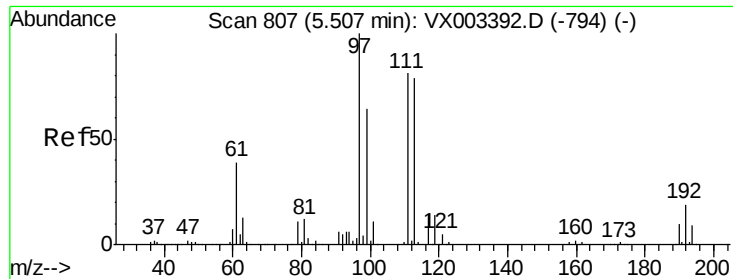


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

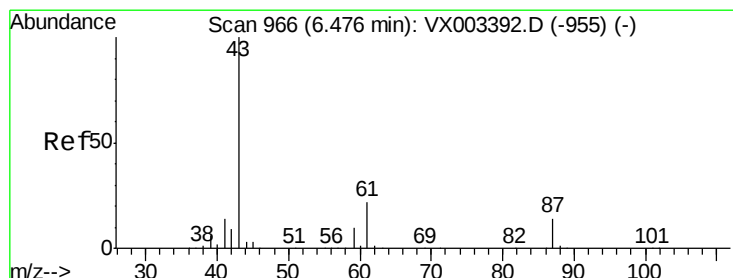
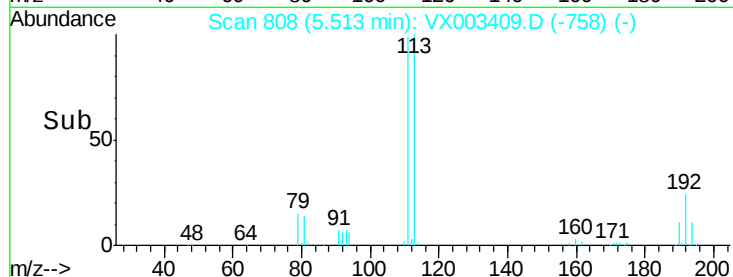
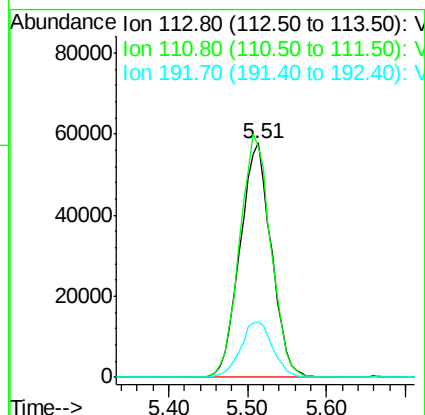
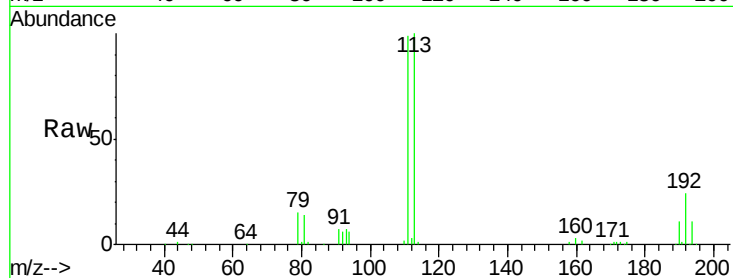




#35
 Dibromofluoromethane
 Concen: 47.54 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003409.D
 Acq: 17 Jul 2018 00:08

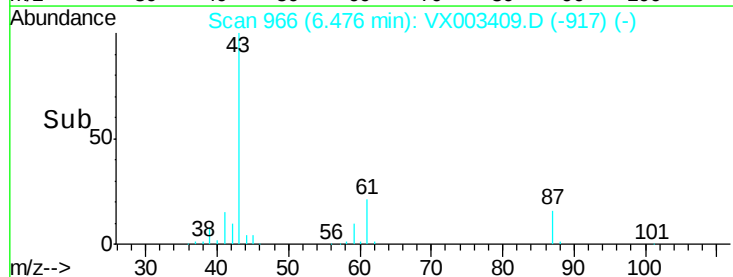
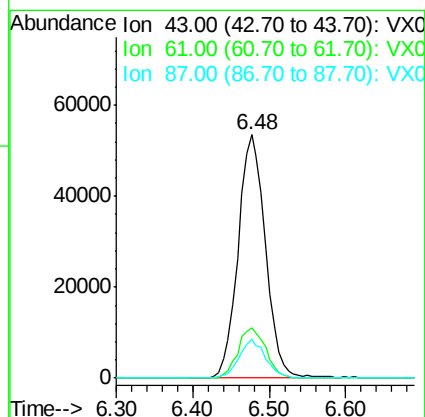
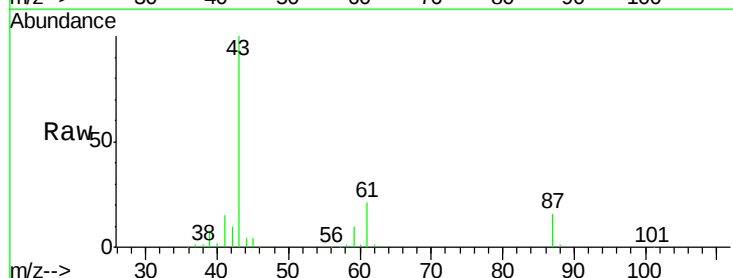
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#17

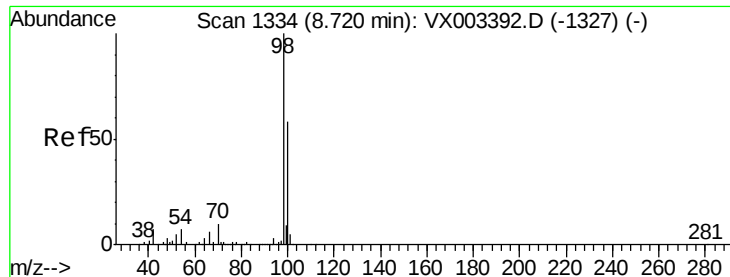
Tot Ion:113 Resp: 159420
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.4 122.0
 192 24.3 19.1 28.7



#43
 Isopropyl Acetate
 Concen: 18.61 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003409.D
 Acq: 17 Jul 2018 00:08

Tgt Ion: 43 Resp: 132859
 Ion Ratio Lower Upper
 43 100
 61 21.3 14.4 21.6
 87 15.3 9.5 14.3#





#50

Toluene-d8

Concen: 54.27 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003409.D

Acq: 17 Jul 2018 00:08

Instrument :

MSVOA_X

ClientSampleId :

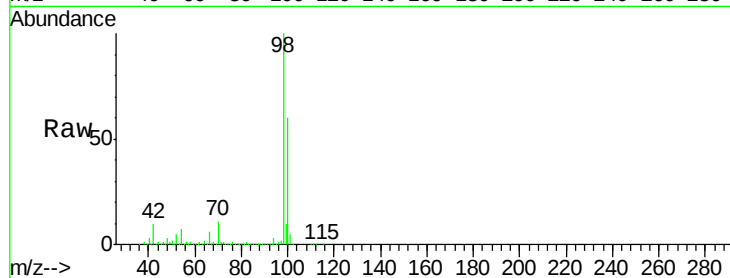
PB111123ZHE#17

Tot Ion: 98 Resp: 671605

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

500000

400000

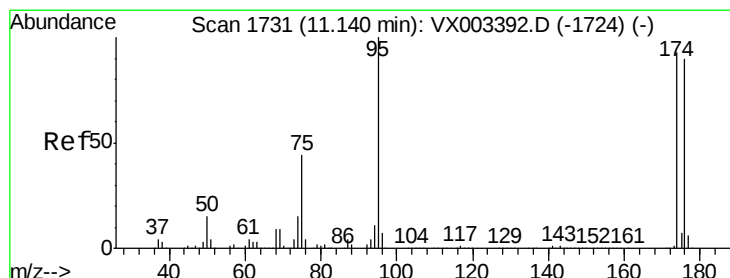
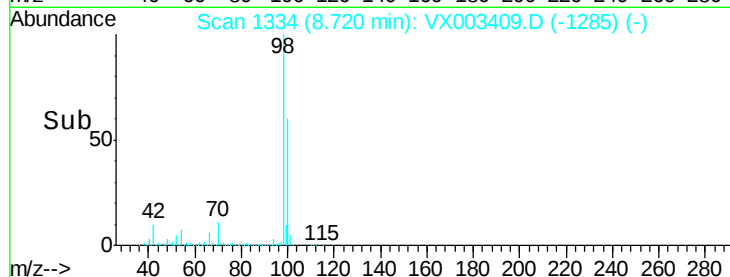
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.43 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003409.D

Acq: 17 Jul 2018 00:08

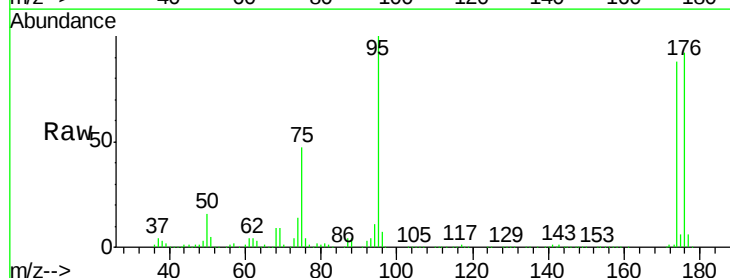
Tgt Ion: 95 Resp: 222807

Ion Ratio Lower Upper

95 100

174 92.4 0.0 187.4

176 93.0 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

250000

200000

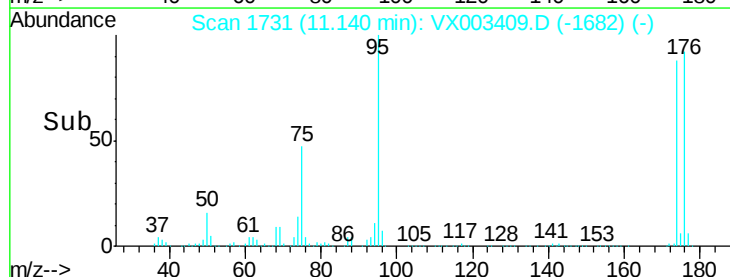
150000

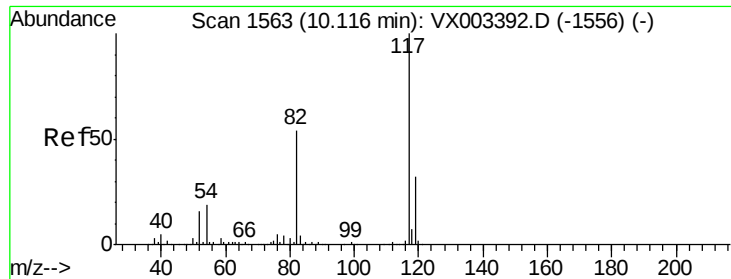
100000

50000

0

Time-->

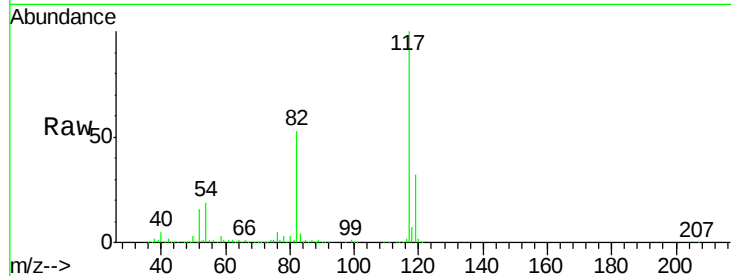




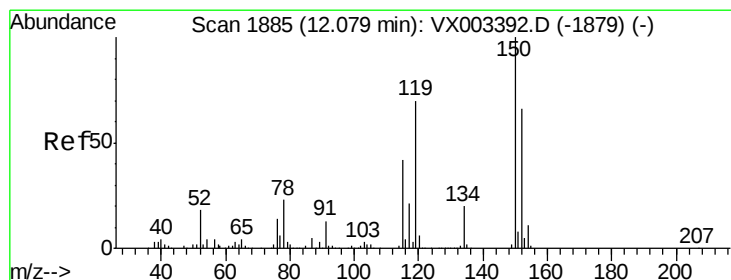
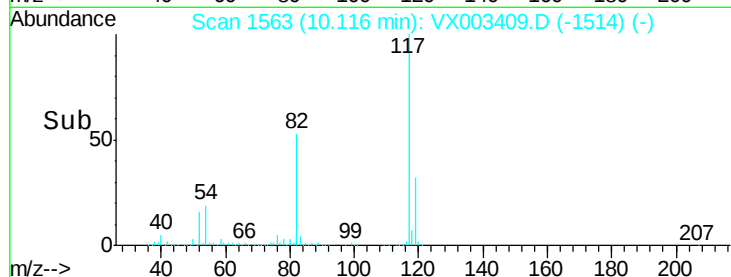
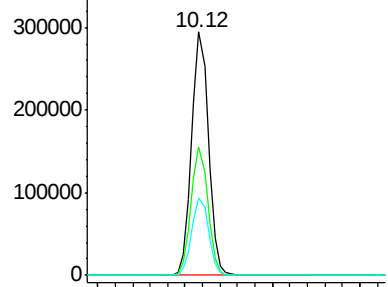
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003409.D
Acq: 17 Jul 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
PB111123ZHE#17

Tot Ion:117 Resp: 391876
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 31.9 25.8 38.6

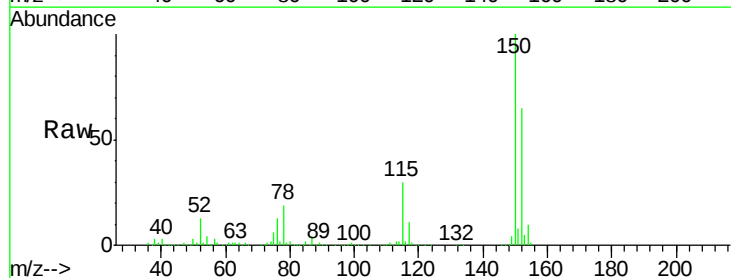


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

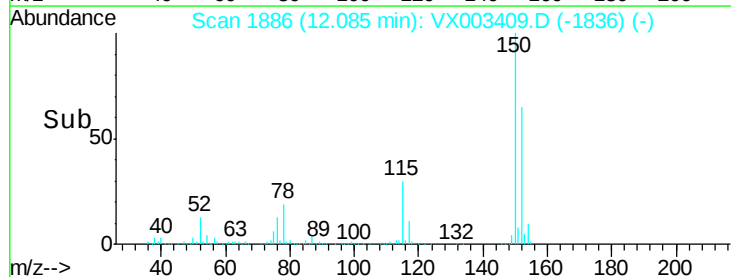
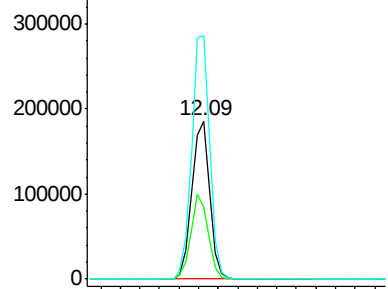


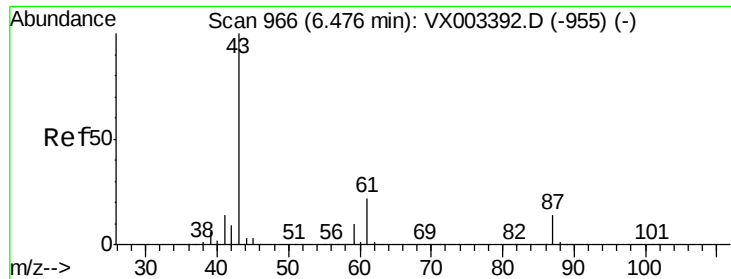
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003409.D
Acq: 17 Jul 2018 00:08

Tgt Ion:152 Resp: 234082
Ion Ratio Lower Upper
152 100
115 51.9 40.1 120.2
150 156.1 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: 18.43 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX003409.D
 Acq: 17 Jul 2018 00:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111123ZHE#17

Tot Ion:	43	Resp:	132859
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	21.3	14.4	21.6

