

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003269.D
 Acq On : 10 Jul 2018 02:44
 Operator : JC/MD
 Sample : PB110911ZHE#15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#15

Quant Time: Jul 10 03:34:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188819	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	165212	40.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.58%	
35) Dibromofluoromethane	5.51	113	140793	36.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.98%	
50) Toluene-d8	8.72	98	500707	37.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.08%	
62) 4-Bromofluorobenzene	11.14	95	175197	35.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.14%	

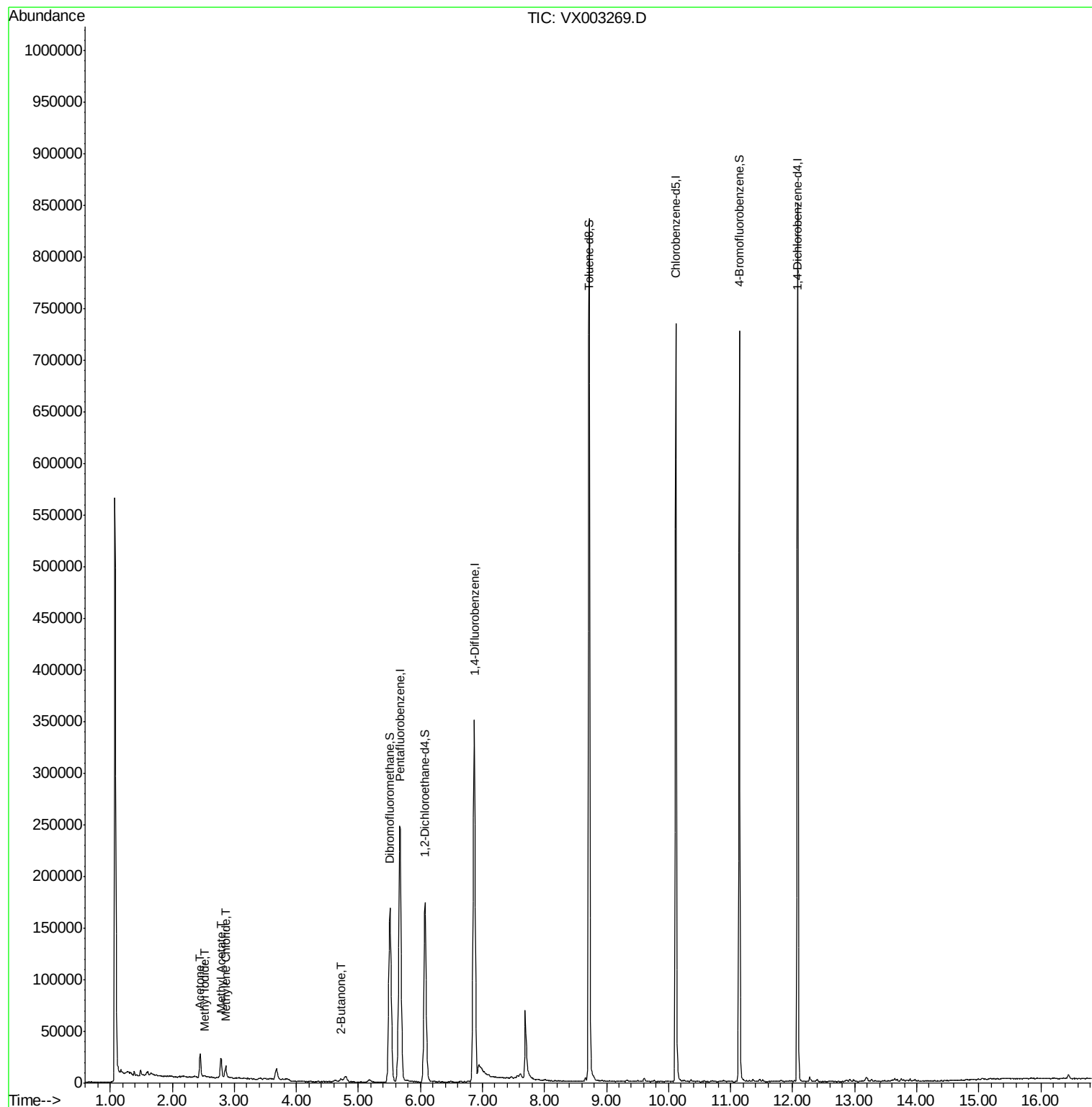
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1873	6.12	ug/l	95
16) Acetone	2.45	43	26346	18.32	ug/l	99
18) Methyl Acetate	2.78	43	24675	6.08	ug/l	96
20) Methylene Chloride	2.86	84	5209	1.08	ug/l	98
25) 2-Butanone	4.71	43	5109	2.01	ug/l	91

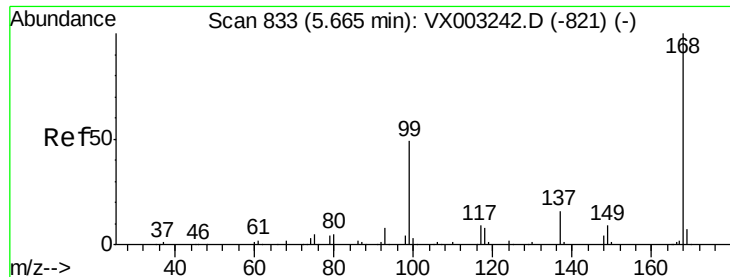
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 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: VX003269.D

Acq: 10 Jul 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

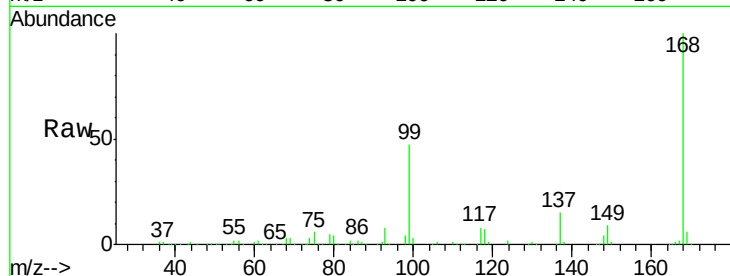
PB110911ZHE#15

Tot Ion:168 Resp: 257356

Ion Ratio Lower Upper

168 100

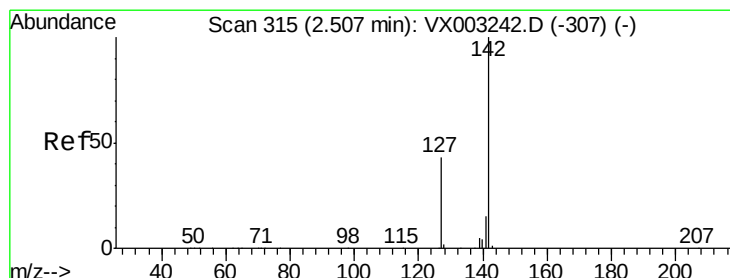
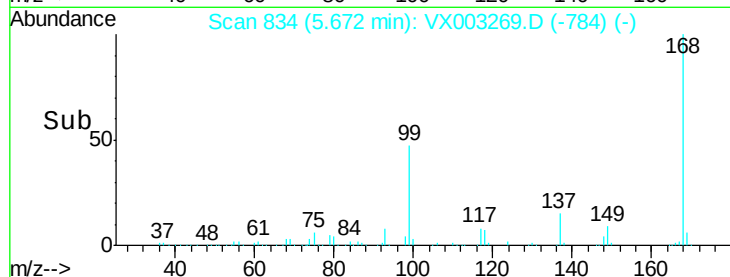
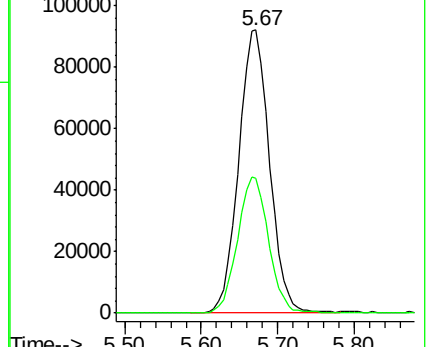
99 47.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#10

Methyl Iodide

Concen: 6.12 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003269.D

Acq: 10 Jul 2018 02:44

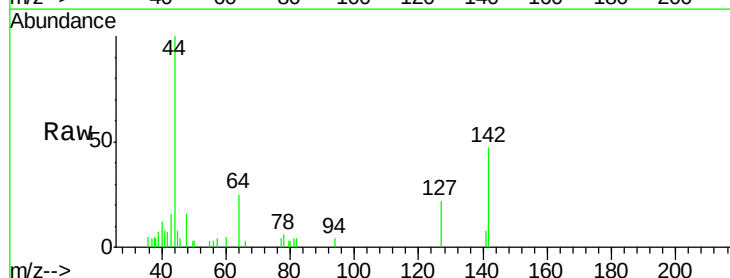
Tgt Ion:142 Resp: 1873

Ion Ratio Lower Upper

142 100

127 49.5 36.6 55.0

141 13.5 11.3 16.9

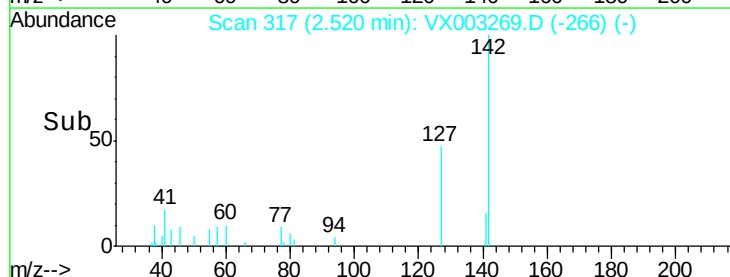
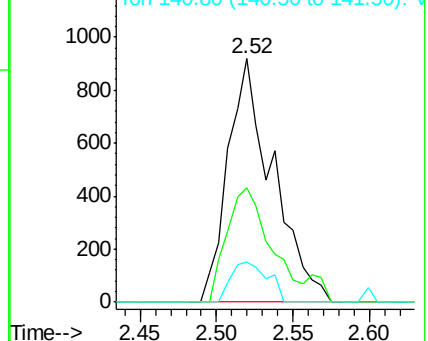


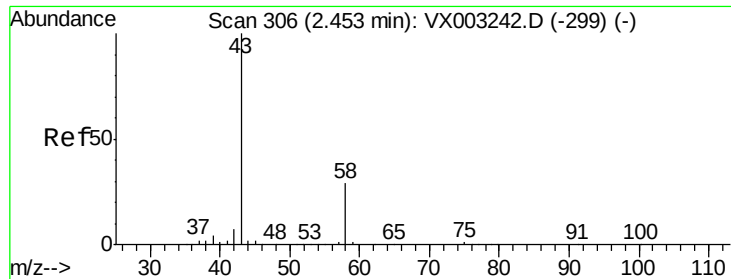
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52





#16

Acetone

Concen: 18.32 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003269.D

Acq: 10 Jul 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

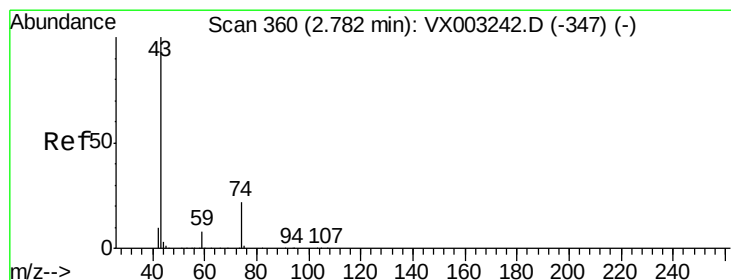
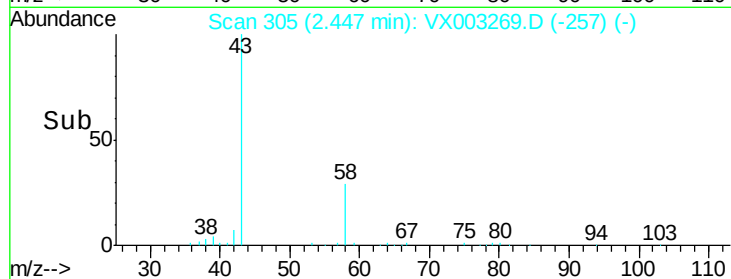
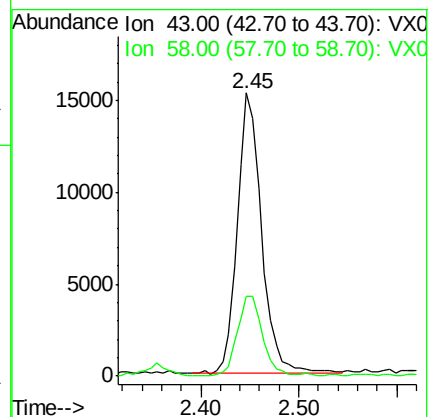
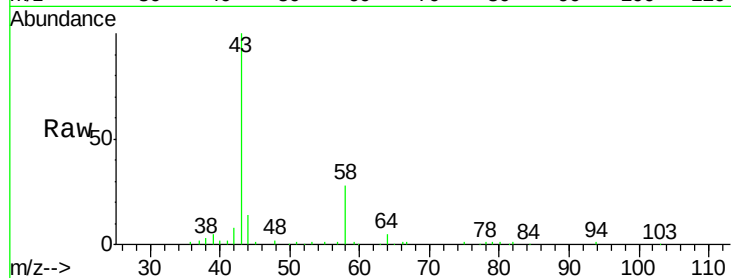
PB110911ZHE#15

Tot Ion: 43 Resp: 26346

Ion Ratio Lower Upper

43 100

58 28.1 22.1 33.1



#18

Methyl Acetate

Concen: 6.08 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003269.D

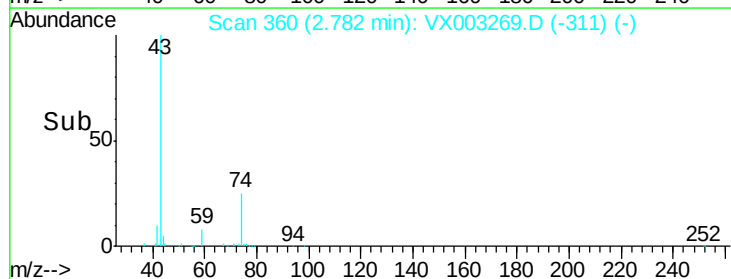
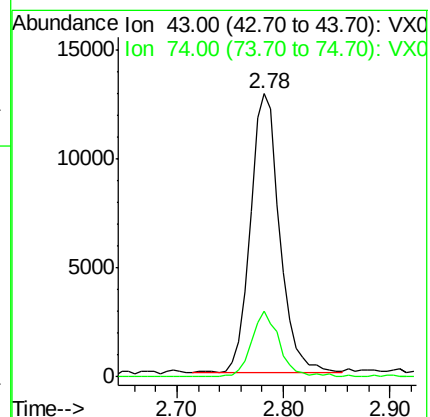
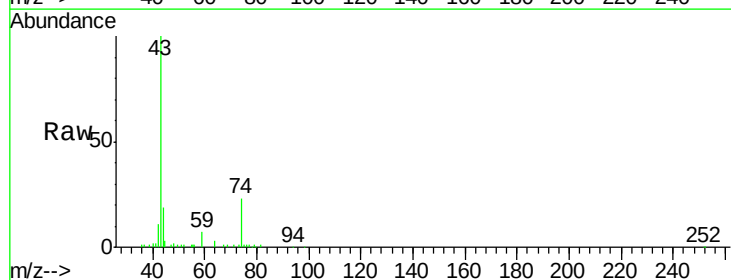
Acq: 10 Jul 2018 02:44

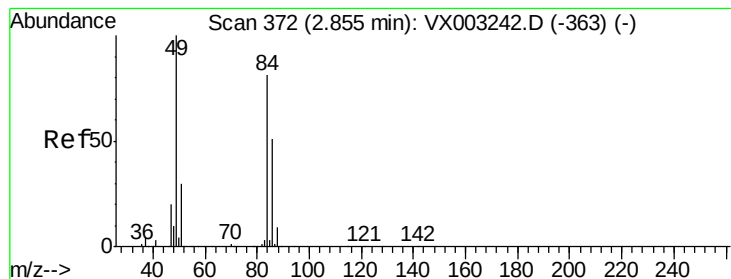
Tgt Ion: 43 Resp: 24675

Ion Ratio Lower Upper

43 100

74 22.6 16.7 25.1





#20

Methylene Chloride

Concen: 1.08 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003269.D

Acq: 10 Jul 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#15

Tot Ion: 84 Resp: 5209

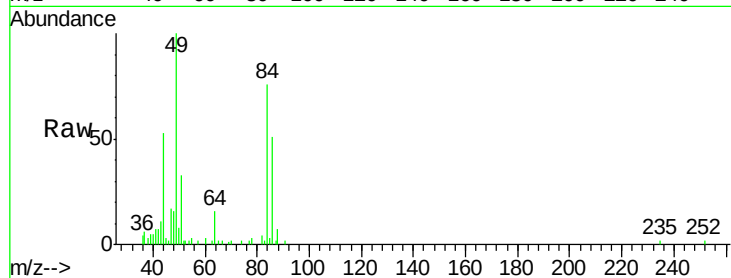
Ion Ratio Lower Upper

84 100

49 131.6 107.8 161.6

51 41.1 32.8 49.2

86 67.2 52.5 78.7

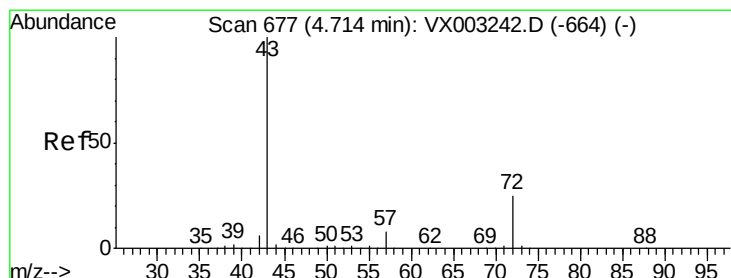
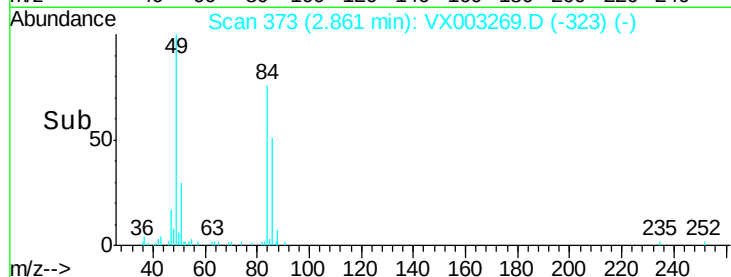
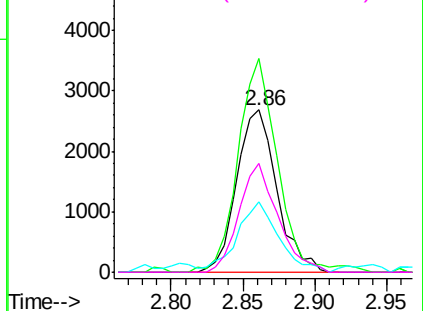


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 2.01 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003269.D

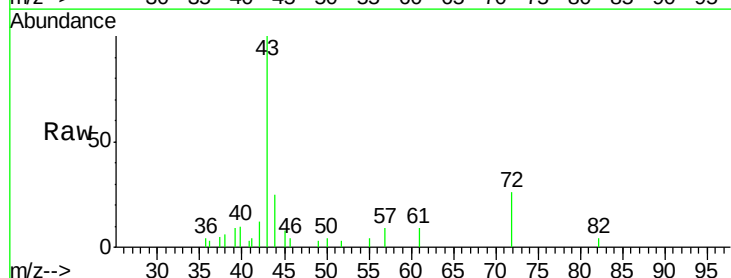
Acq: 10 Jul 2018 02:44

Tgt Ion: 43 Resp: 5109

Ion Ratio Lower Upper

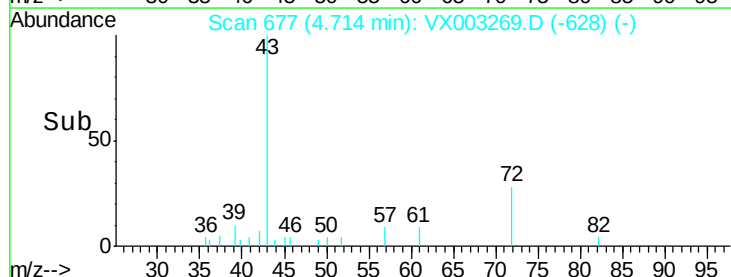
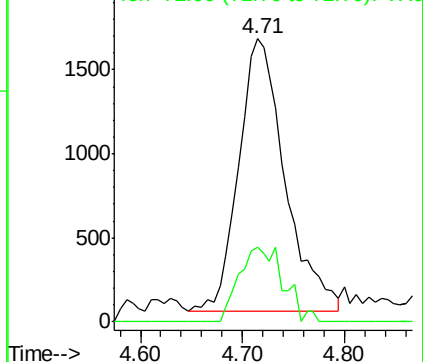
43 100

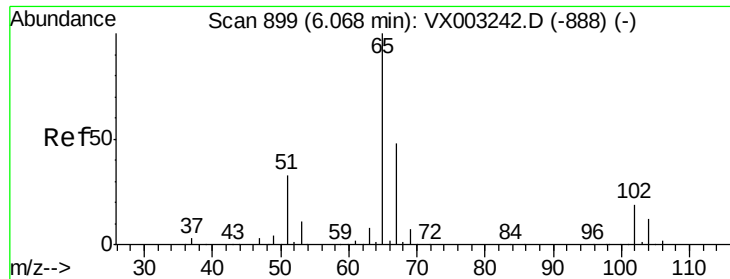
72 27.5 18.5 27.7



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: 40.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003269.D

Acq: 10 Jul 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

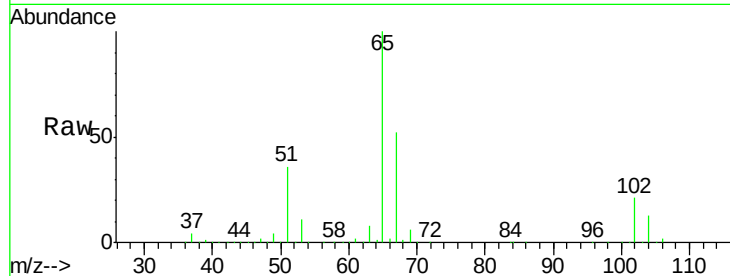
PB110911ZHE#15

Tot Ion: 65 Resp: 165212

Ion Ratio Lower Upper

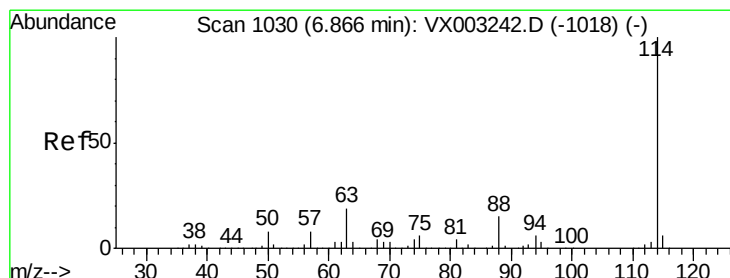
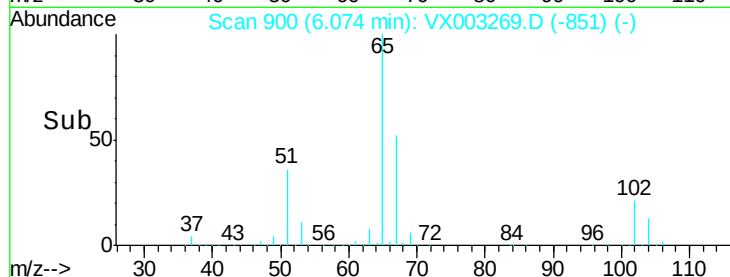
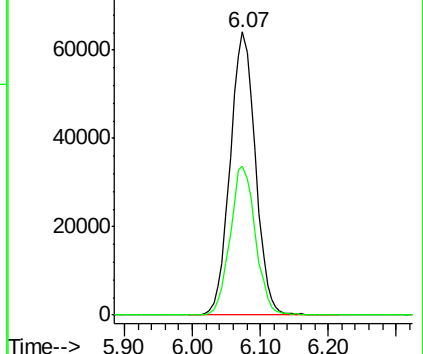
65 100

67 52.6 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: VX003269.D

Acq: 10 Jul 2018 02:44

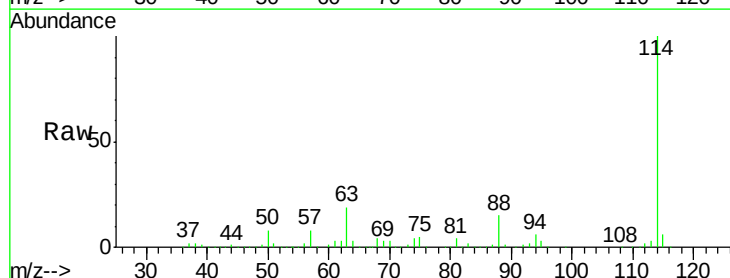
Tgt Ion: 114 Resp: 354287

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

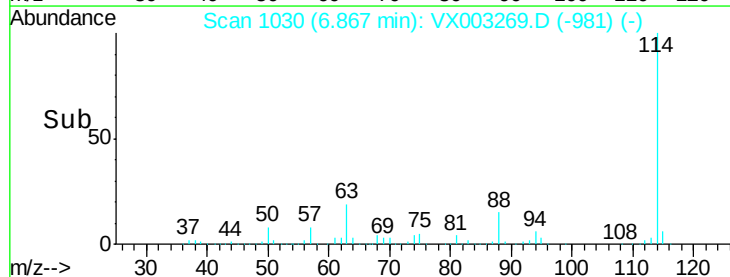
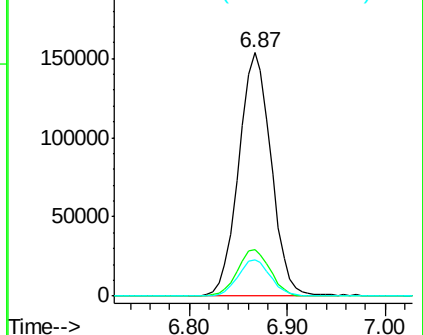
88 14.6 0.0 30.0

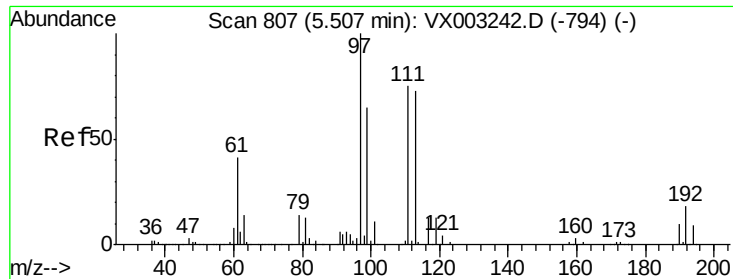


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

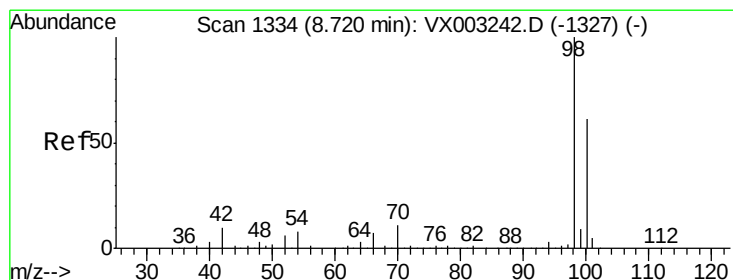
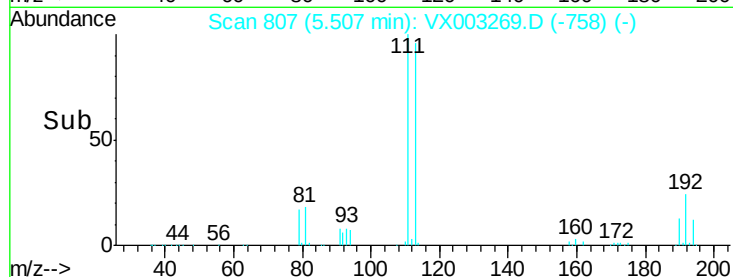
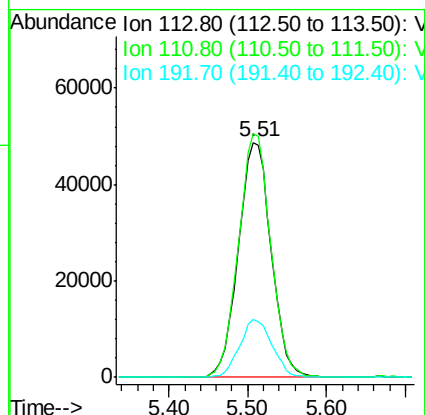
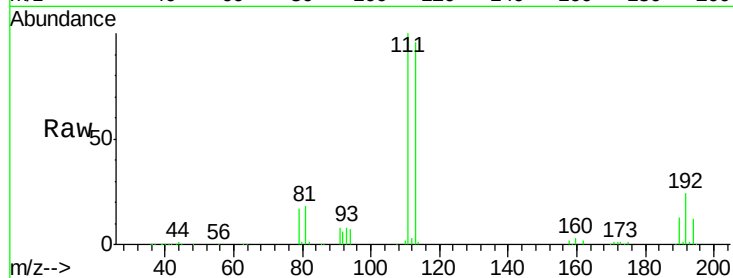




#35
Dibromofluoromethane
Concen: 36.99 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003269.D
Acq: 10 Jul 2018 02:44

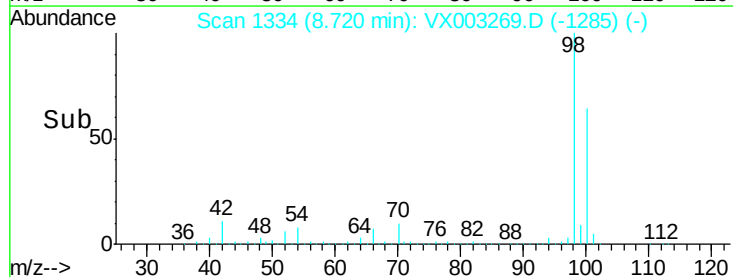
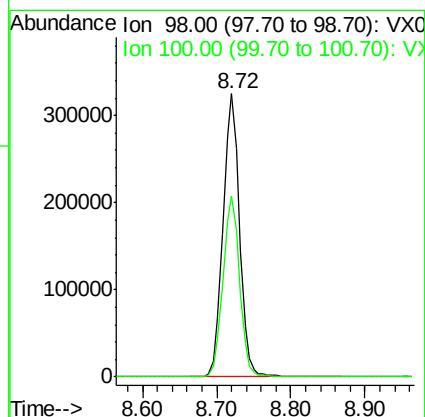
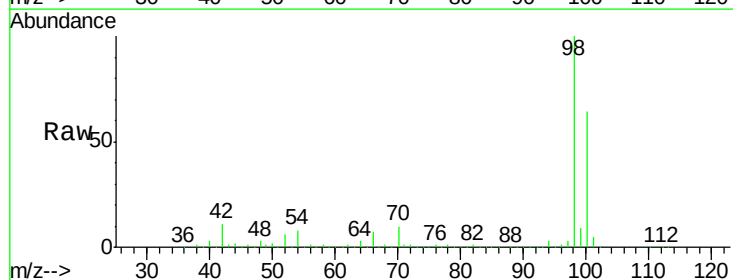
Instrument :
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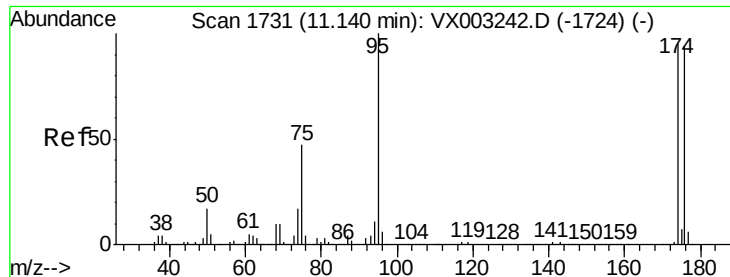
Tot Ion:113 Resp: 140793
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 24.6 19.1 28.7



#50
Toluene-d8
Concen: 37.04 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003269.D
Acq: 10 Jul 2018 02:44

Tgt Ion: 98 Resp: 500707
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

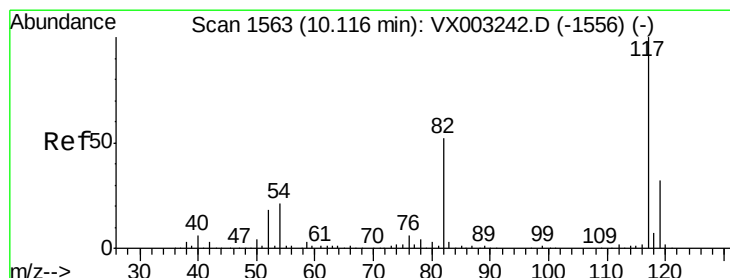
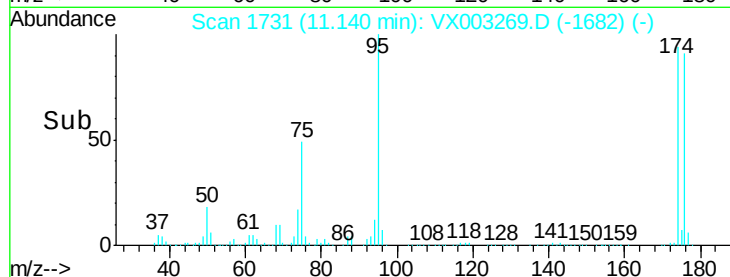
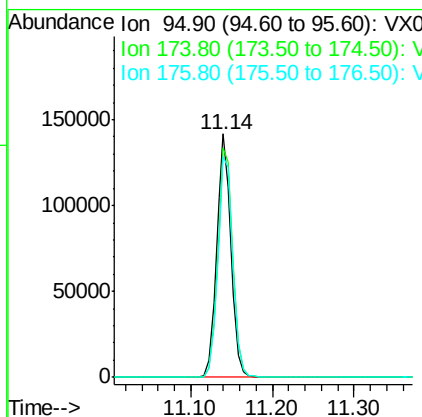
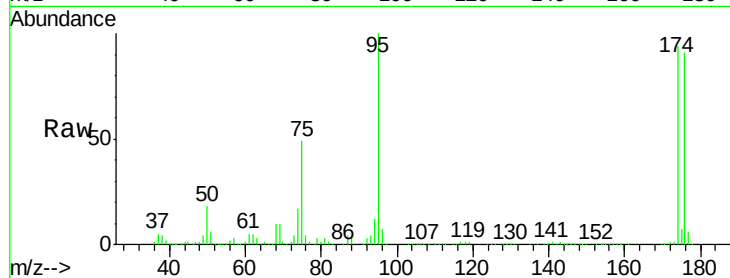




#62
4-Bromofluorobenzene
Concen: 35.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003269.D
Acq: 10 Jul 2018 02:44

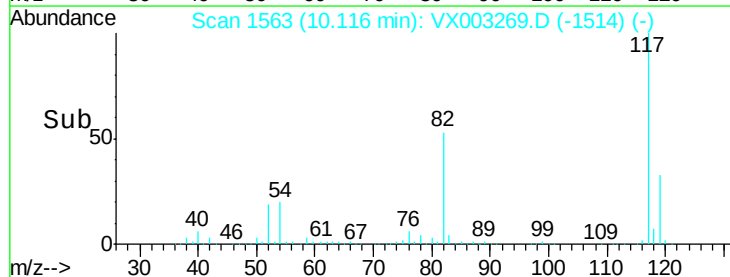
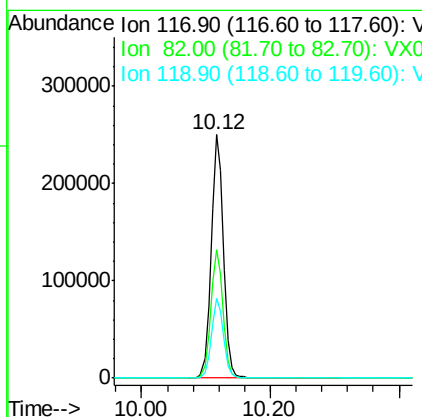
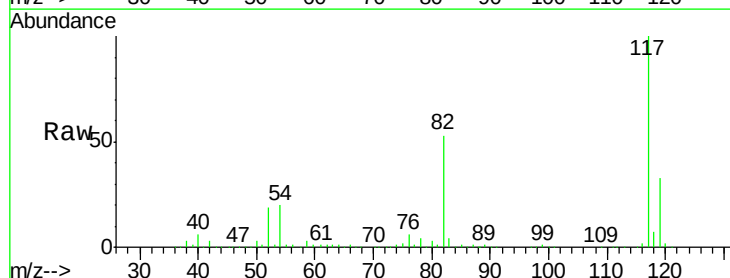
Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#15

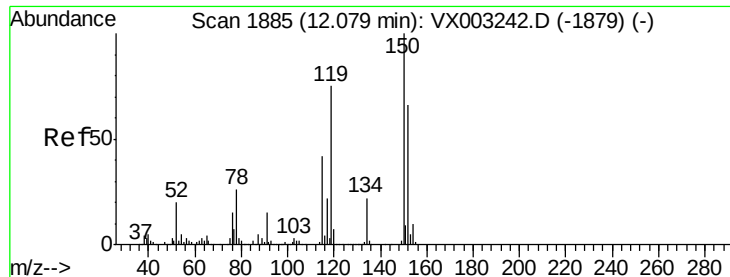
Tot Ion: 95 Resp: 175197
Ion Ratio Lower Upper
95 100
174 99.2 0.0 187.4
176 95.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003269.D
Acq: 10 Jul 2018 02:44

Tgt Ion: 117 Resp: 332265
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 32.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003269.D

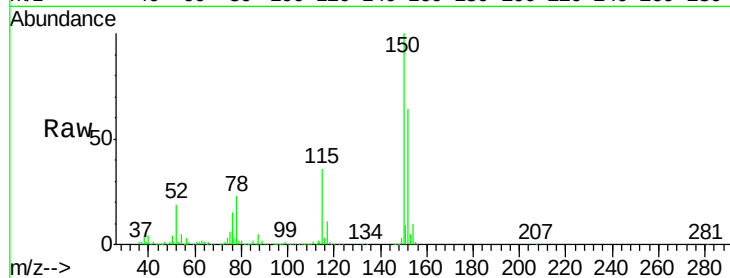
Acq: 10 Jul 2018 02:44

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#15



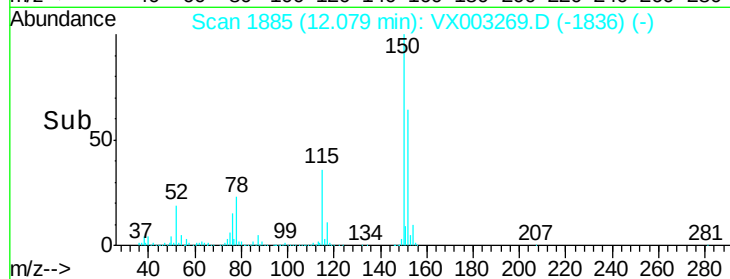
Tot Ion:152 Resp: 188819

Ion Ratio Lower Upper

152 100

115 53.2 40.1 120.2

150 154.9 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

