

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003268.D
 Acq On : 10 Jul 2018 02:17
 Operator : JC/MD
 Sample : PB110911ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#14

Quant Time: Jul 10 03:30:45 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	272137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196432	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	164277	38.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.72%	
35) Dibromofluoromethane	5.51	113	143739	36.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.14%	
50) Toluene-d8	8.72	98	515224	36.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.80%	
62) 4-Bromofluorobenzene	11.14	95	180263	34.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.92%	

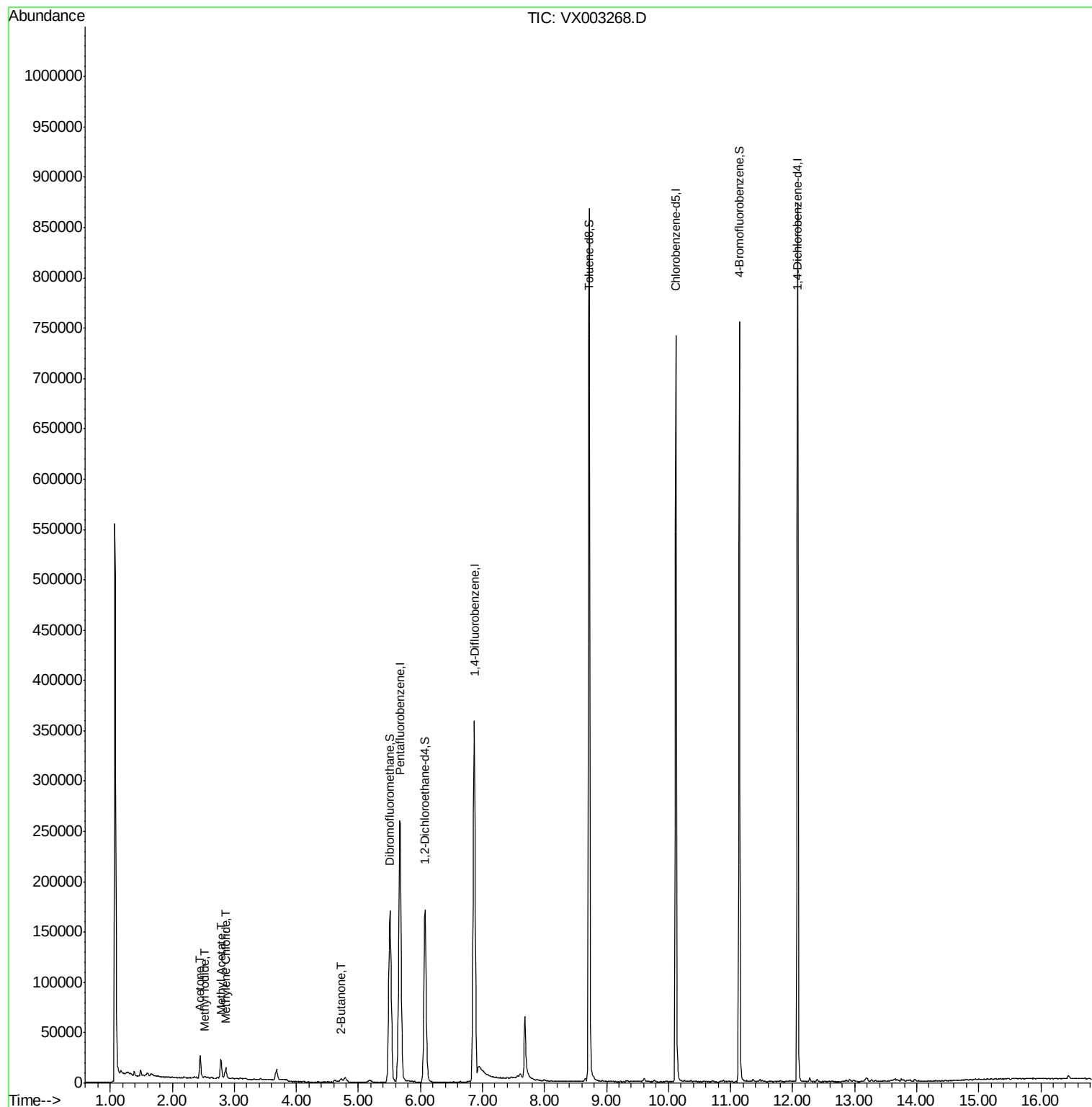
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1790	6.08	ug/l	# 91
16) Acetone	2.45	43	24854	16.35	ug/l	98
18) Methyl Acetate	2.78	43	22609	5.27	ug/l	92
20) Methylene Chloride	2.86	84	4937	0.89	ug/l	91
25) 2-Butanone	4.71	43	5221	1.94	ug/l	97

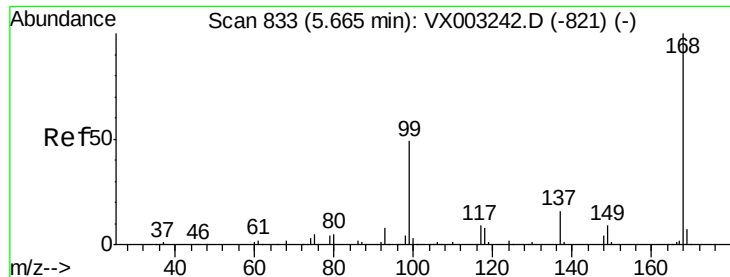
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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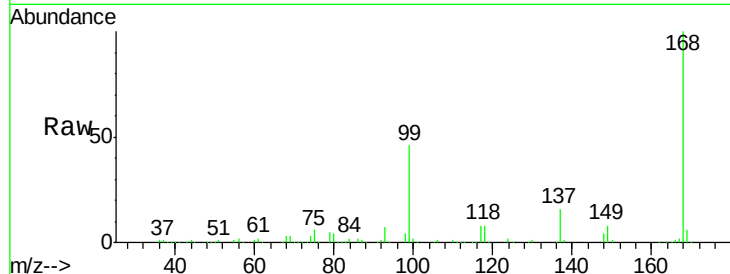




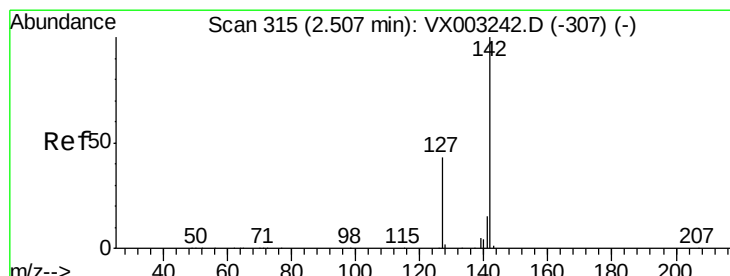
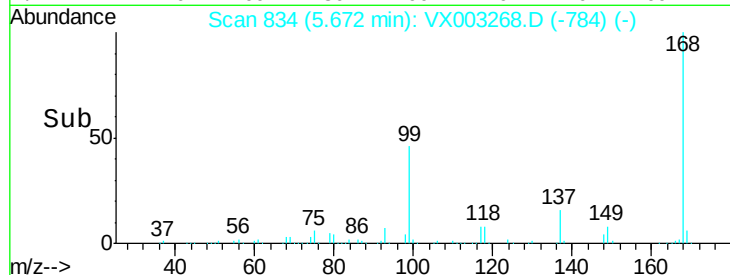
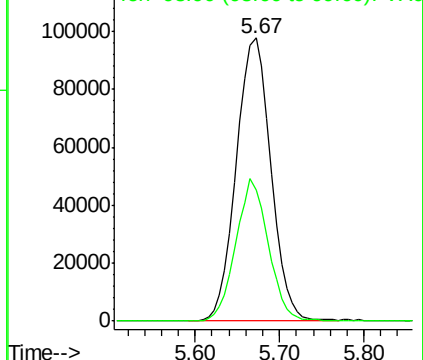
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003268.D
Acq: 10 Jul 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#14

Tot Ion:168 Resp: 272137
Ion Ratio Lower Upper
168 100
99 46.4 39.3 58.9

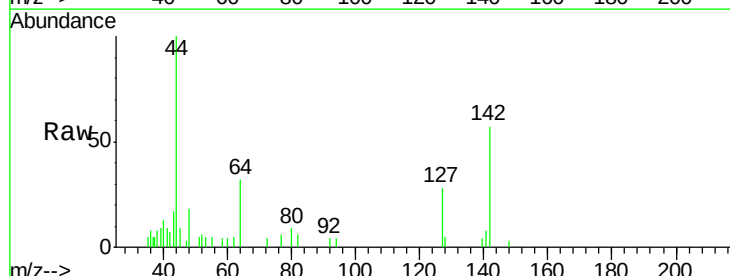


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

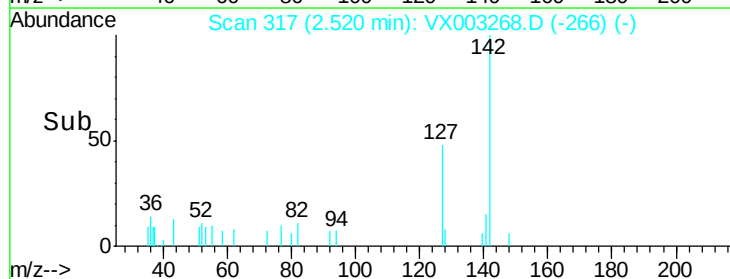
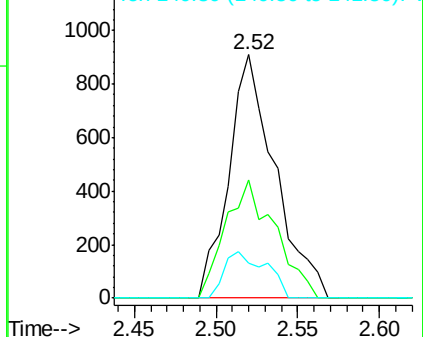


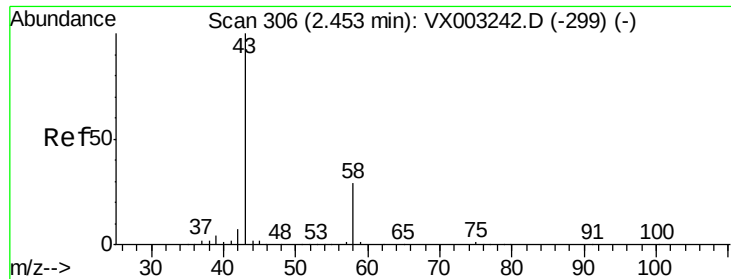
#10
Methyl Iodide
Concen: 6.08 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003268.D
Acq: 10 Jul 2018 02:17

Tgt Ion:142 Resp: 1790
Ion Ratio Lower Upper
142 100
127 52.2 36.6 55.0
141 17.3 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





#16

Acetone

Concen: 16.35 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003268.D

Acq: 10 Jul 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

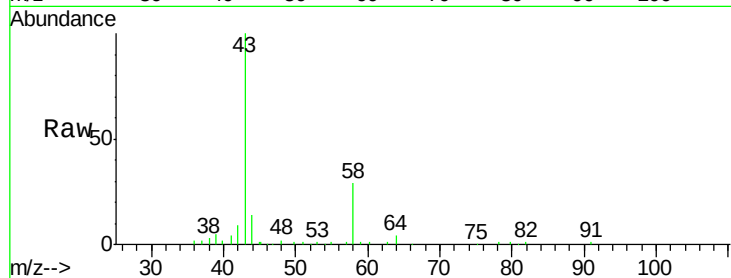
PB110911ZHE#14

Tot Ion: 43 Resp: 24854

Ion Ratio Lower Upper

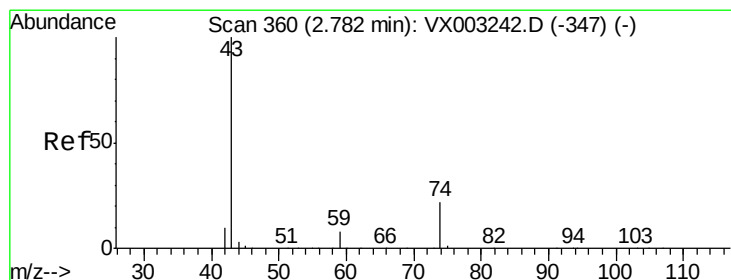
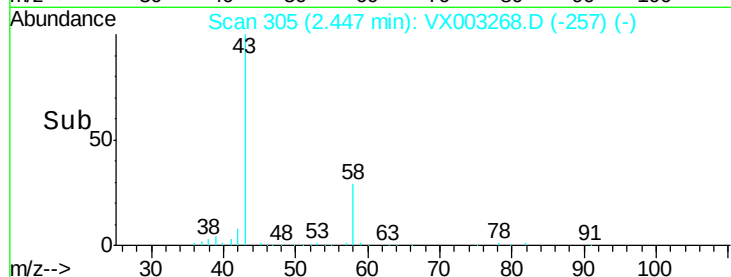
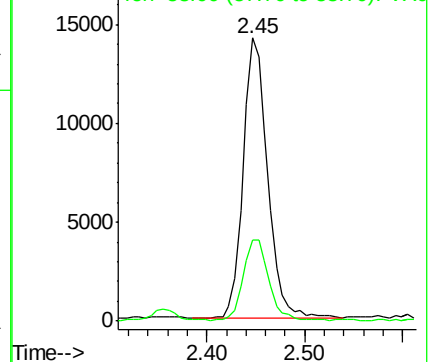
43 100

58 28.5 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: 5.27 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003268.D

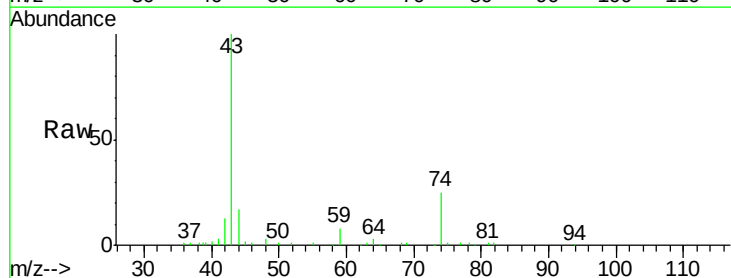
Acq: 10 Jul 2018 02:17

Tgt Ion: 43 Resp: 22609

Ion Ratio Lower Upper

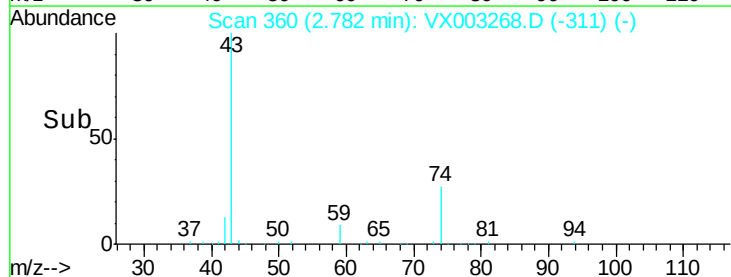
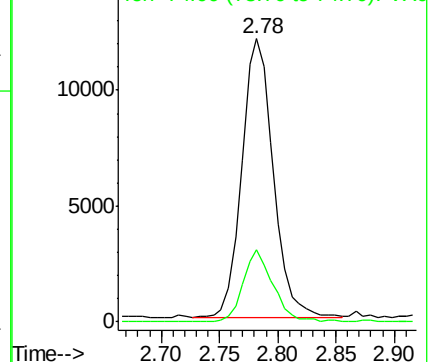
43 100

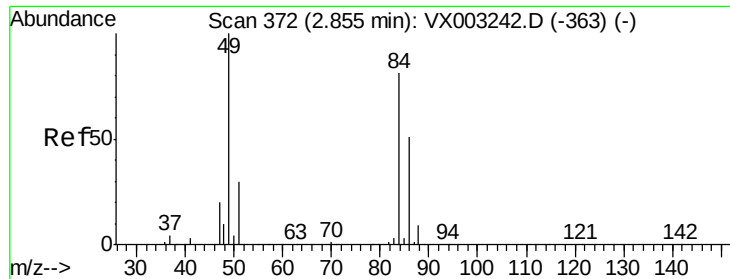
74 24.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

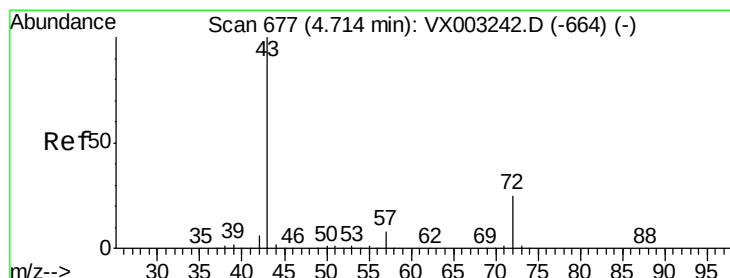
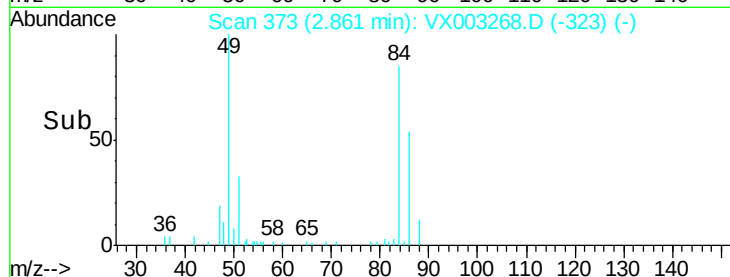
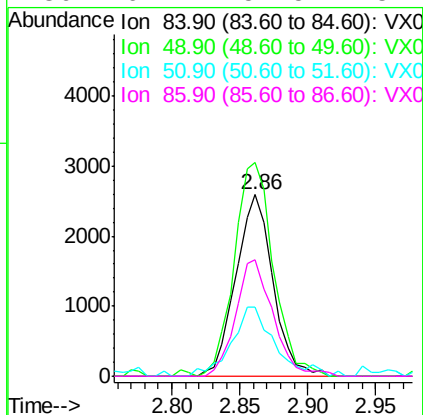
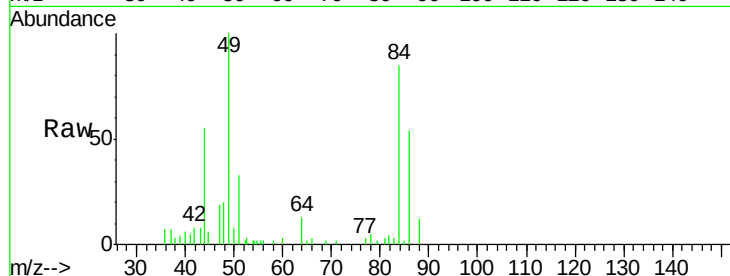




#20
Methylene Chloride
Concen: 0.89 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003268.D
Acq: 10 Jul 2018 02:17

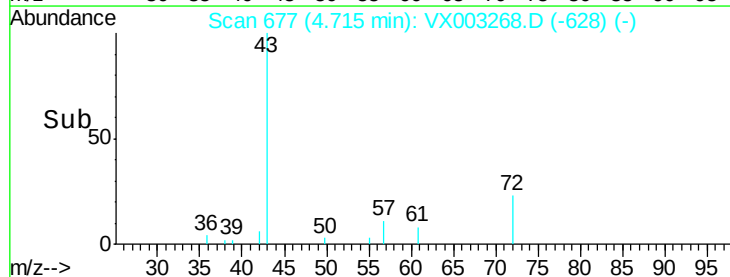
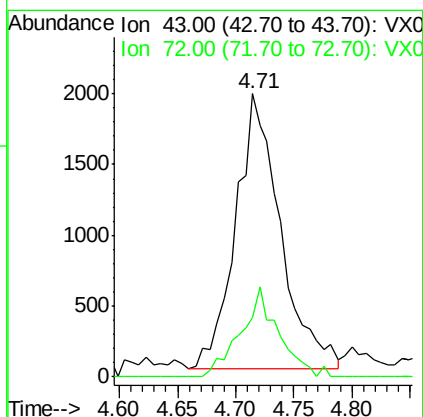
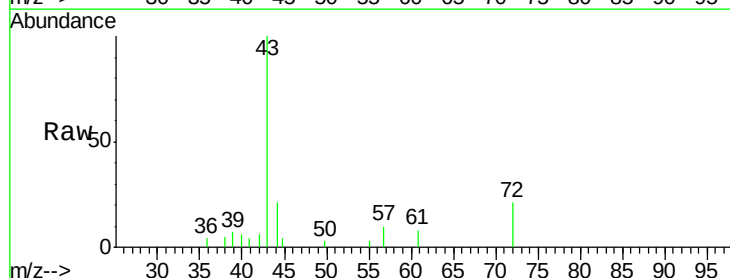
Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#14

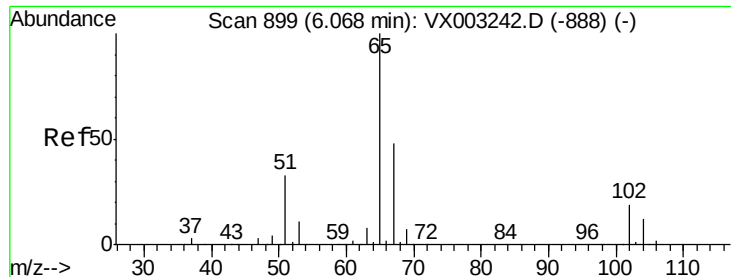
Tot Ion:	84	Resp:	4937
Ion	Ratio	Lower	Upper
84	100		
49	117.8	107.8	161.6
51	38.4	32.8	49.2
86	64.2	52.5	78.7



#25
2-Butanone
Concen: 1.94 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX003268.D
Acq: 10 Jul 2018 02:17

Tgt Ion:	43	Resp:	5221
Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.5	27.7

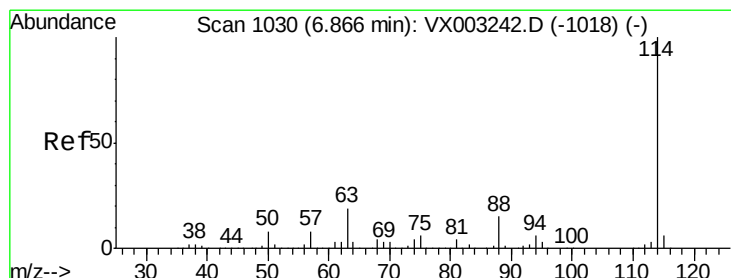
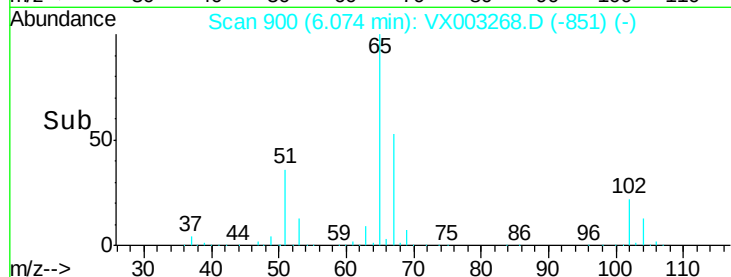
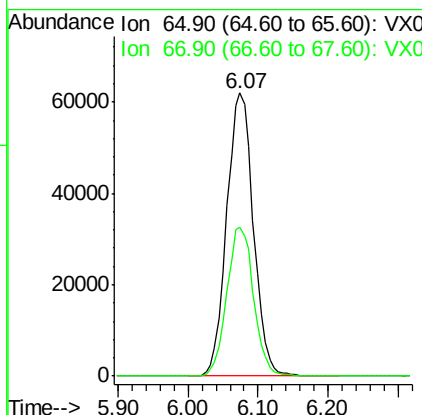
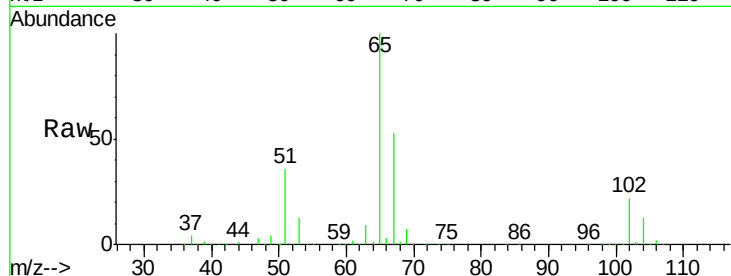




#33
 1,2-Dichloroethane-d4
 Concen: 38.36 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003268.D
 Acq: 10 Jul 2018 02:17

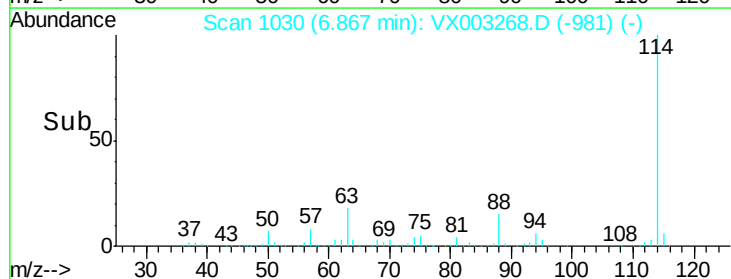
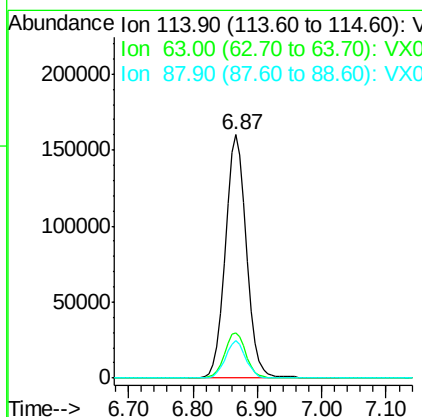
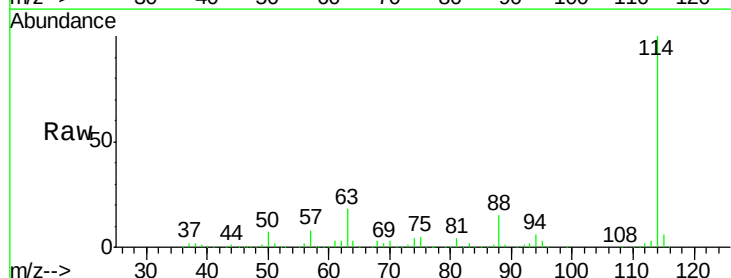
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#14

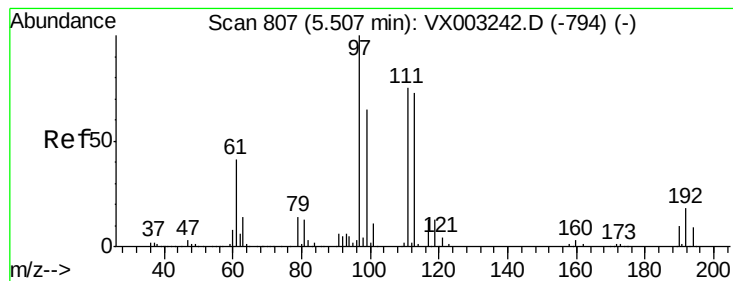
Tot Ion: 65 Resp: 164277
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003268.D
 Acq: 10 Jul 2018 02:17

Tgt Ion: 114 Resp: 370963
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.07 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003268.D

Acq: 10 Jul 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#14

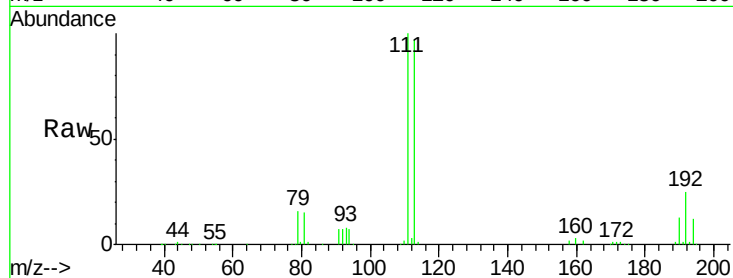
Tot Ion:113 Resp: 143739

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

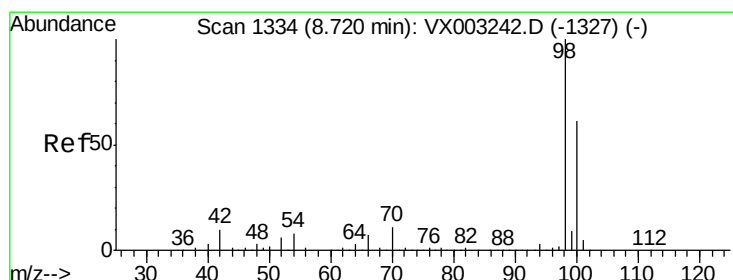
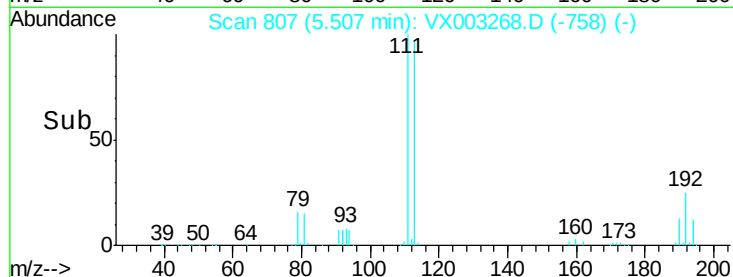
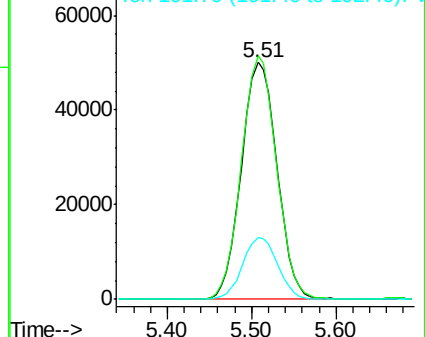
192 25.9 19.1 28.7



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



#50

Toluene-d8

Concen: 36.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003268.D

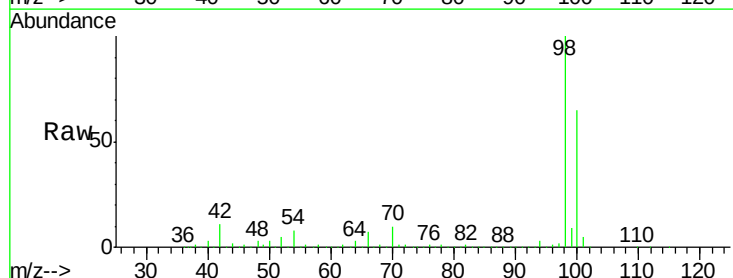
Acq: 10 Jul 2018 02:17

Tgt Ion: 98 Resp: 515224

Ion Ratio Lower Upper

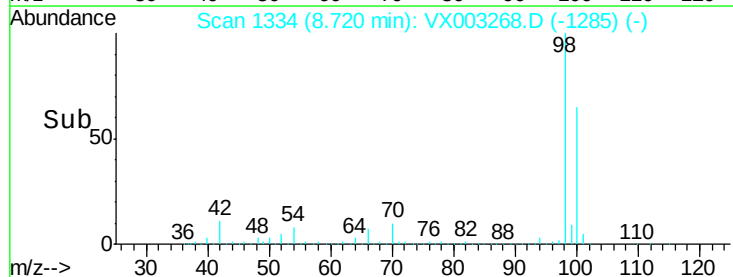
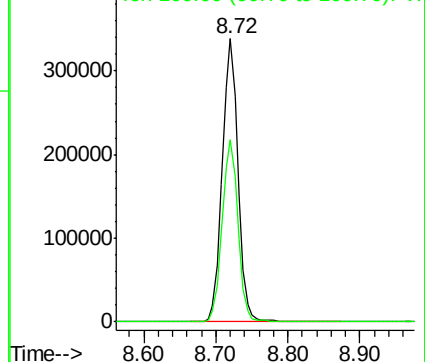
98 100

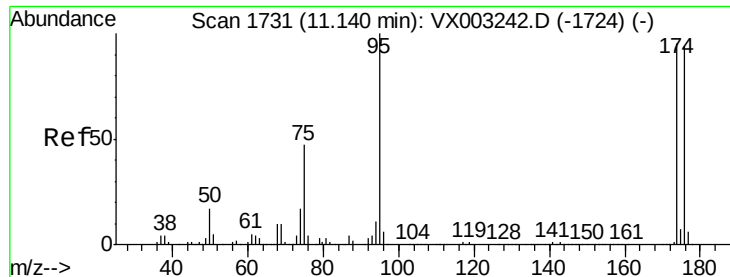
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

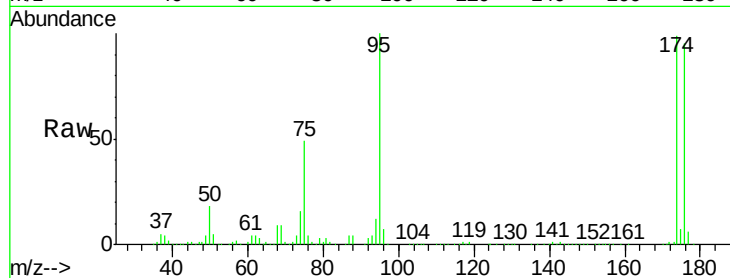




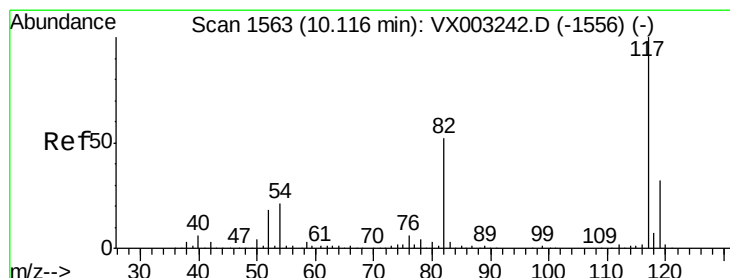
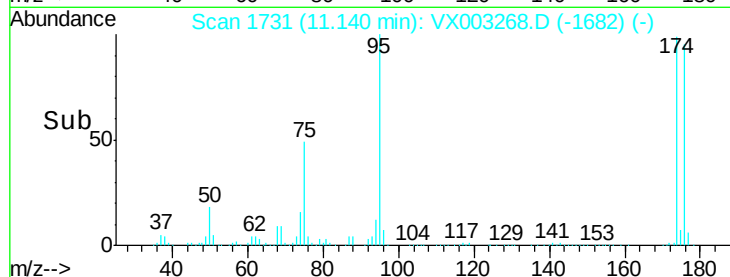
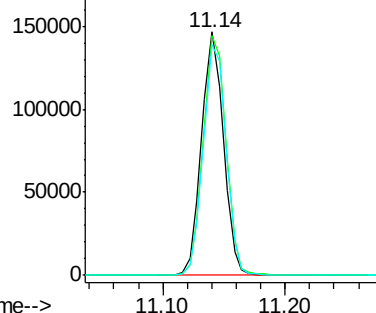
#62
4-Bromofluorobenzene
Concen: 34.46 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003268.D
Acq: 10 Jul 2018 02:17

Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#14

Tot Ion: 95 Resp: 180263
Ion Ratio Lower Upper
95 100
174 102.7 0.0 187.4
176 99.0 0.0 181.0

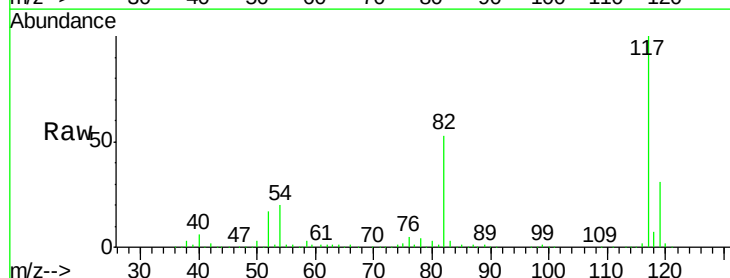


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

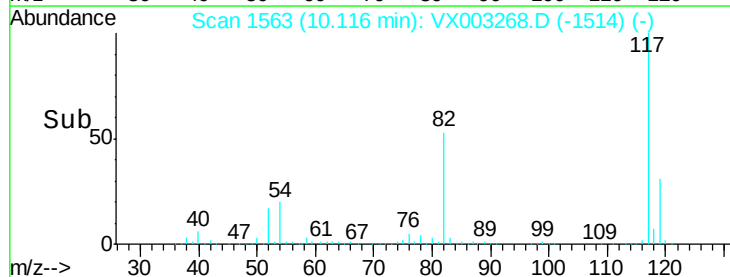
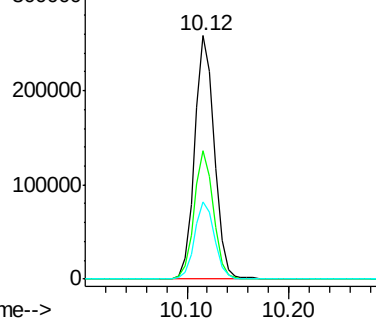


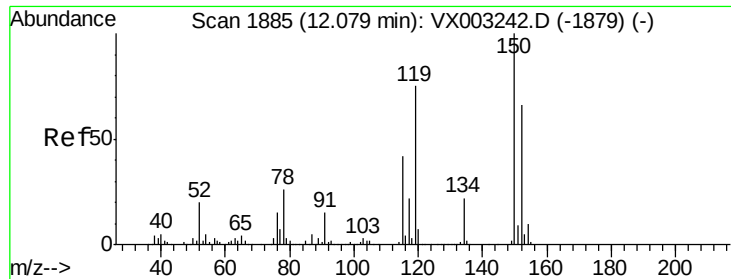
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003268.D
Acq: 10 Jul 2018 02:17

Tgt Ion: 117 Resp: 346868
Ion Ratio Lower Upper
117 100
82 52.8 45.0 67.4
119 31.5 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# 1885

Delta R.T. 0.00 min

Lab File: VX003268.D

Acq: 10 Jul 2018 02:17

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#14

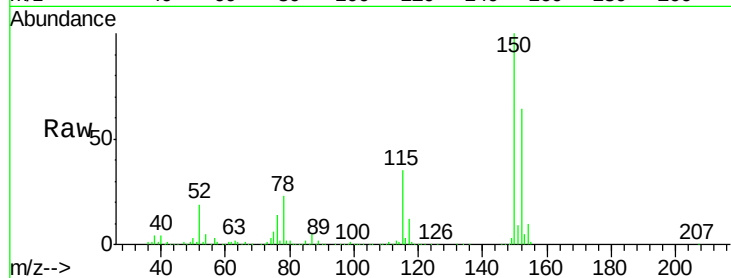
Tot Ion:152 Resp: 196432

Ion Ratio Lower Upper

152 100

115 53.6 40.1 120.2

150 155.7 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

