

Data File : VX000369.D
Acq On : 20 Mar 2018 19:19
Operator : JC/MD
Sample : PB107482TB 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB107482TB

Quant Time: Mar 21 04:39:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 14:01:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	102420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	176293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	165657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	79261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	72509	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	5.52	113	56416	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.73	98	219282	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.15	95	72035	38.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.32%	

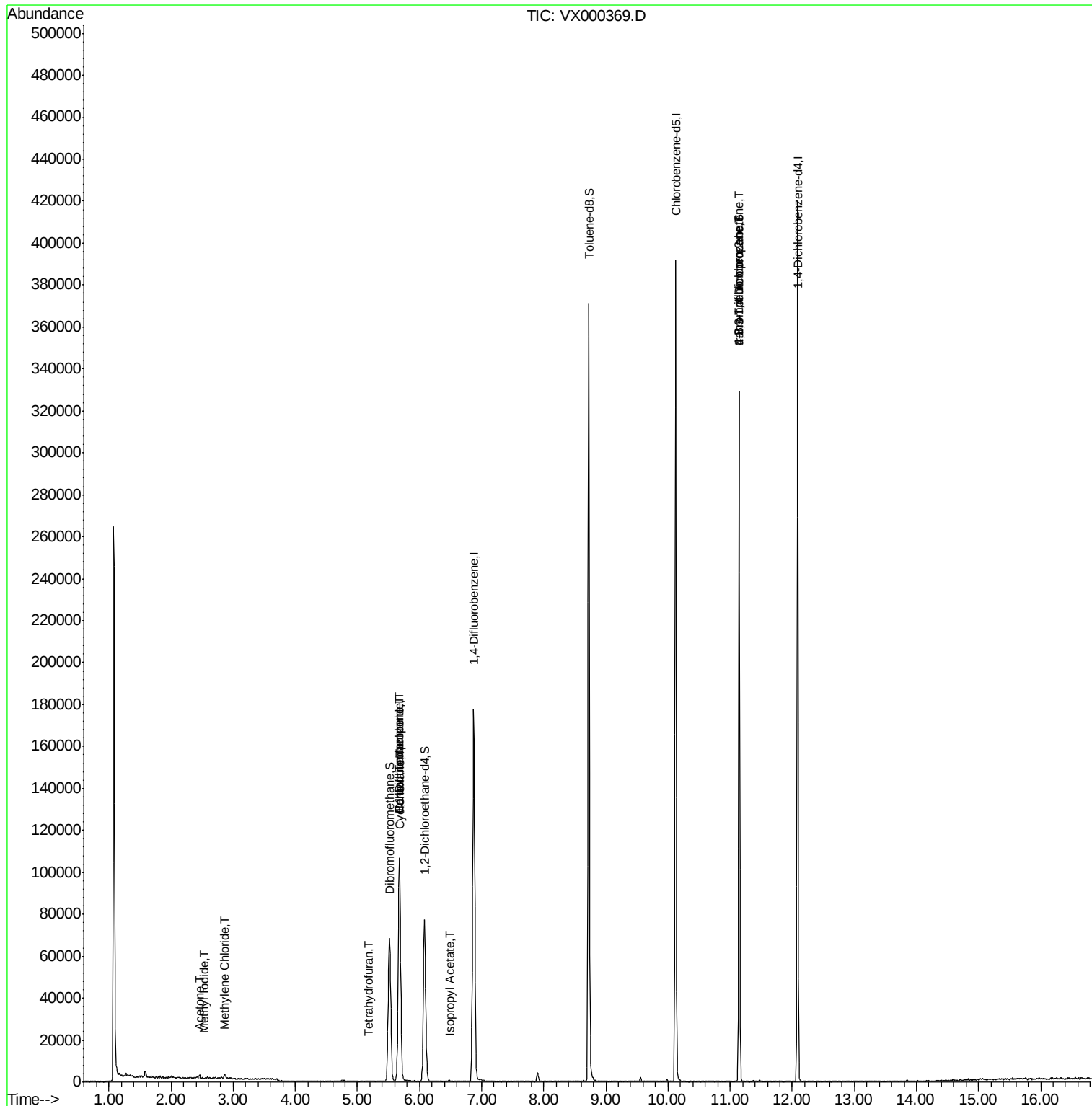
Target Compounds			Qvalue				
6) Chloroethane	1.72	64	101	Below Cal	#	44	
10) Methyl Iodide	2.53	142	54	4.32	ug/l #	34	
14) Allyl chloride	2.75	41	82	Below Cal	#	31	
16) Acetone	2.45	43	1251	1.12	ug/l	98	
20) Methylene Chloride	2.86	84	660	0.51	ug/l #	89	
29) Tetrahydrofuran	5.19	42	165	0.21	ug/l #	31	
31) Cyclohexane	5.69	56	2465	1.46	ug/l #	50	
36) 1,1-Dichloropropene	5.67	75	8422	5.10	ug/l #	51	
38) Carbon Tetrachloride	5.67	117	10026	5.79	ug/l #	16	
43) Isopropyl Acetate	6.48	43	866	0.26	ug/l #	72	
74) N-amyl acetate	6.48	43	866	Below Cal	#	71	
76) 1,2,3-Trichloropropane	11.15	75	41407	24.31	ug/l #	35	
81) trans-1,4-Dichloro-2-buten	11.15	75	41407	78.70	ug/l #	9	

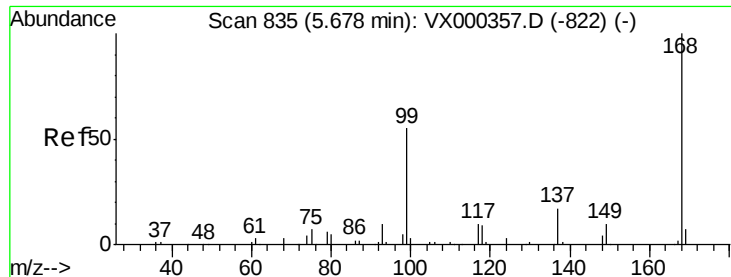
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

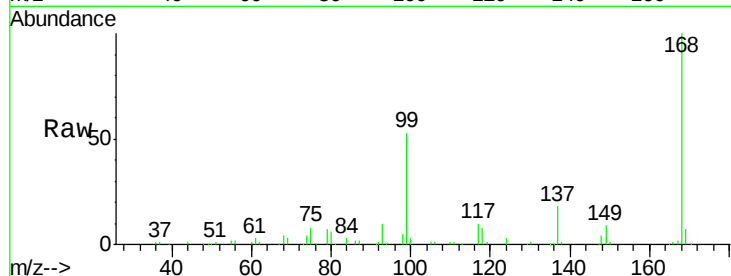
PB107482TB

Tgt Ion:168 Resp: 102420

Ion Ratio Lower Upper

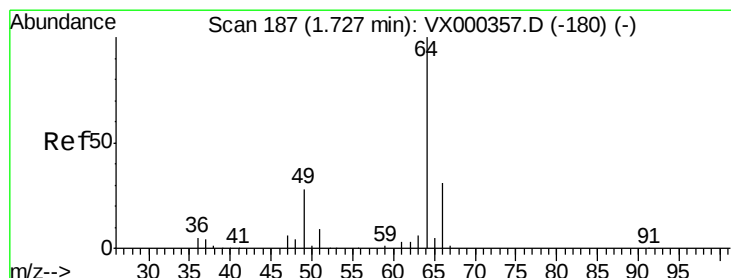
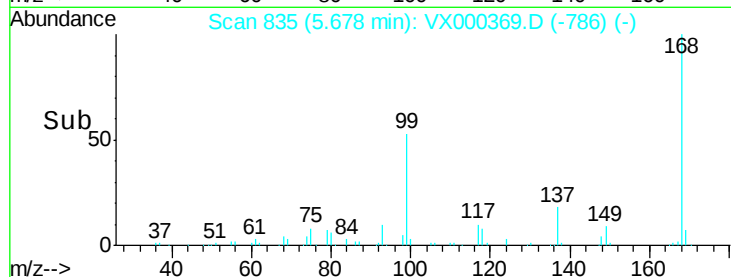
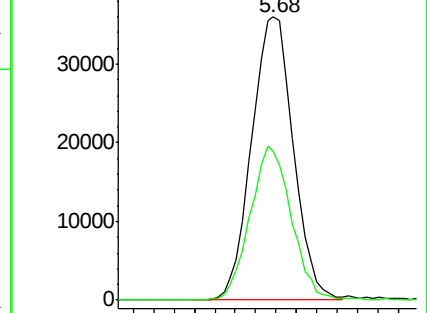
168 100

99 52.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000369.D

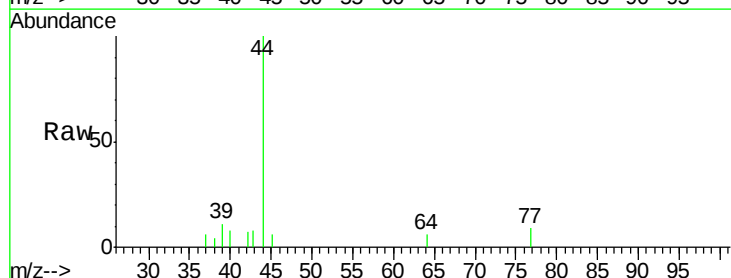
Acq: 20 Mar 2018 19:19

Tgt Ion: 64 Resp: 101

Ion Ratio Lower Upper

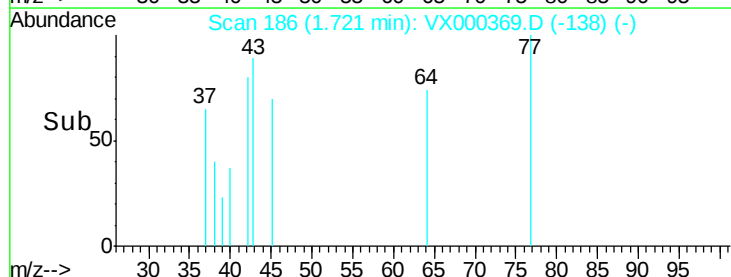
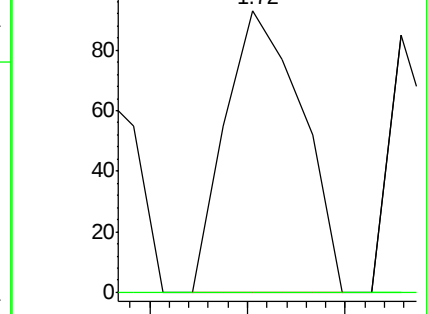
64 100

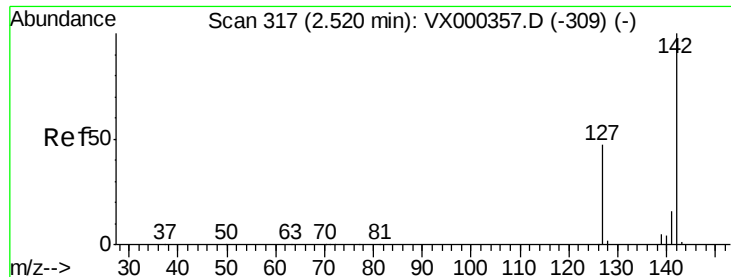
66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

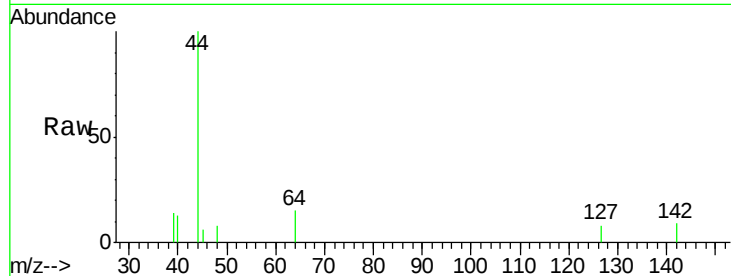




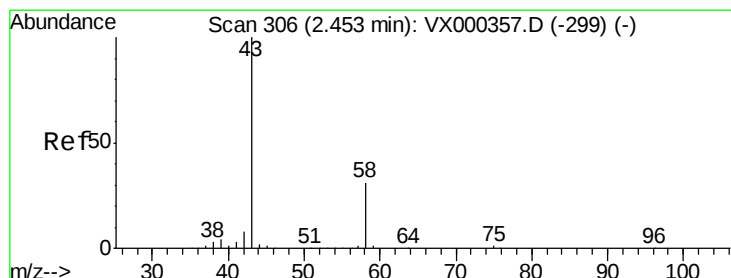
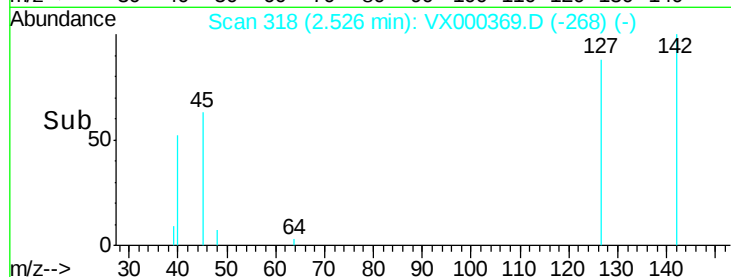
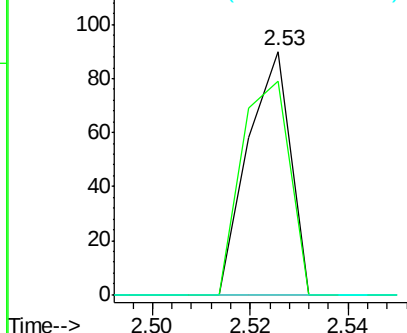
#10
Methyl Iodide
Concen: 4.32 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampleId :
PB107482TB

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 100.0 39.2 58.8#
141 0.0 11.7 17.5#

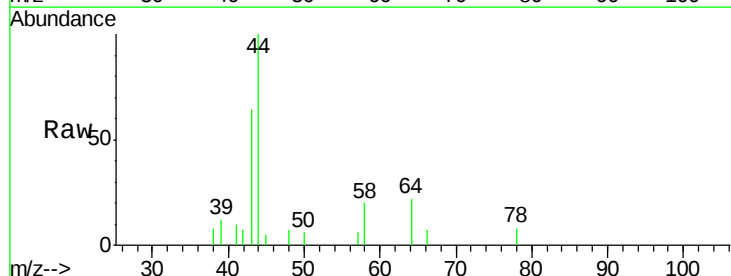


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

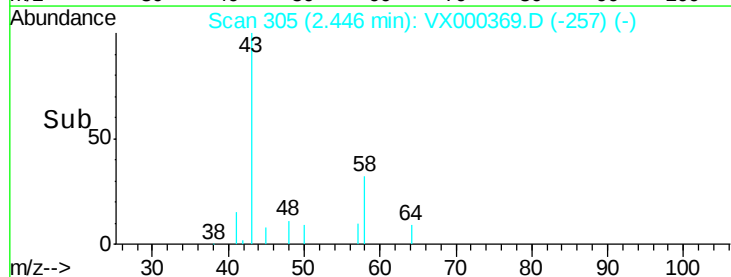
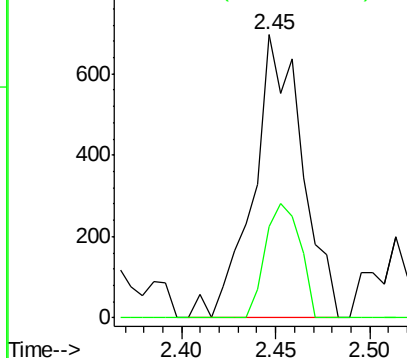


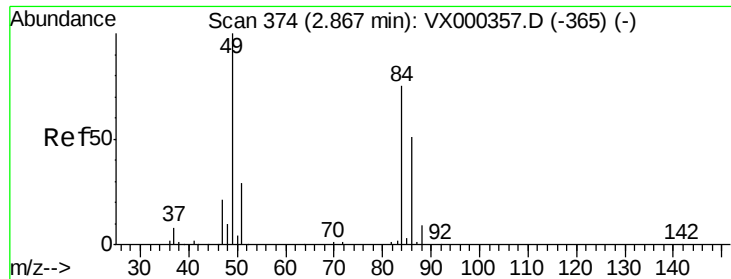
#16
Acetone
Concen: 1.12 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
58 32.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

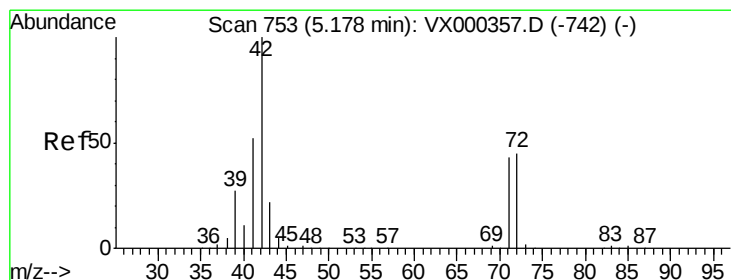
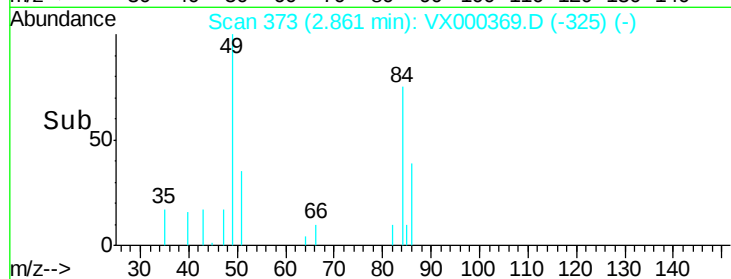
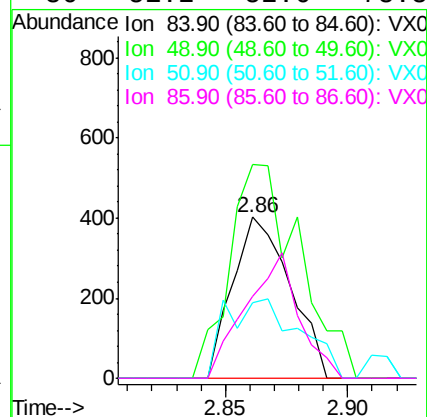
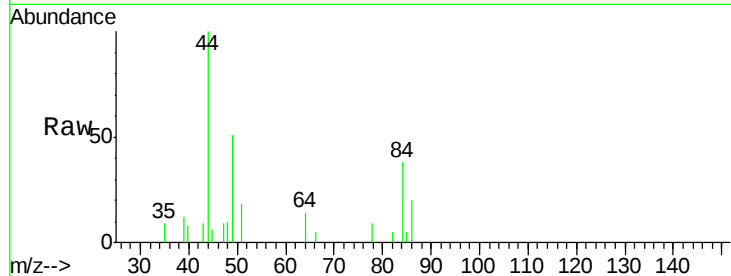




#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

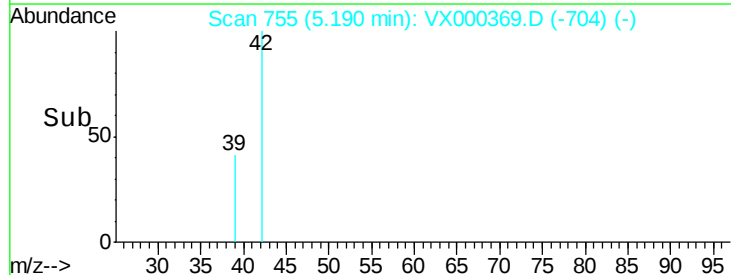
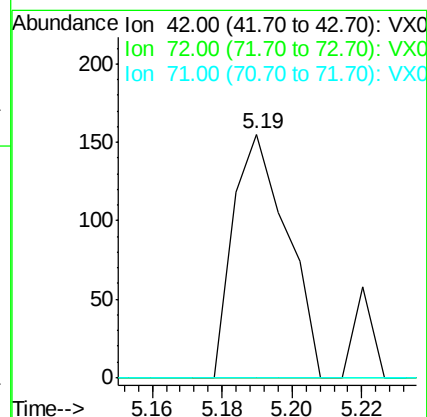
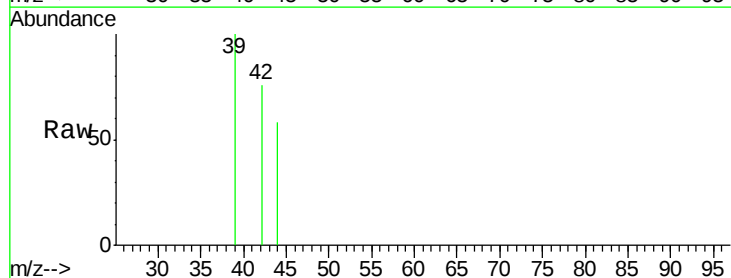
Instrument :
MSVOA_X
ClientSampled :
PB107482TB

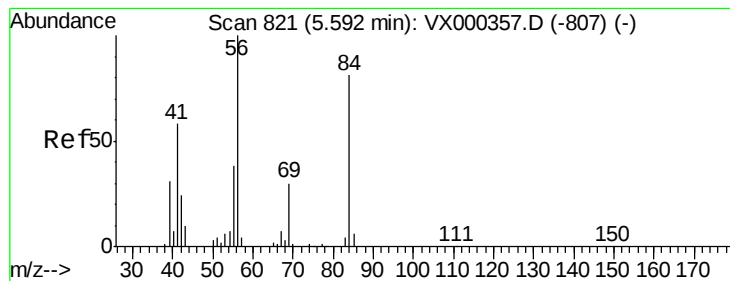
Tgt Ion: 84 Resp: 660
Ion Ratio Lower Upper
84 100
49 132.8 100.6 151.0
51 47.0 31.6 47.4
86 51.2 52.6 78.8#



#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

Tgt Ion: 42 Resp: 165
Ion Ratio Lower Upper
42 100
72 0.0 37.9 56.9#
71 0.0 34.4 51.6#





#31

Cyclohexane

Concen: 1.46 ug/l

RT: 5.69 min Scan# 837

Delta R.T. 0.10 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

PB107482TB

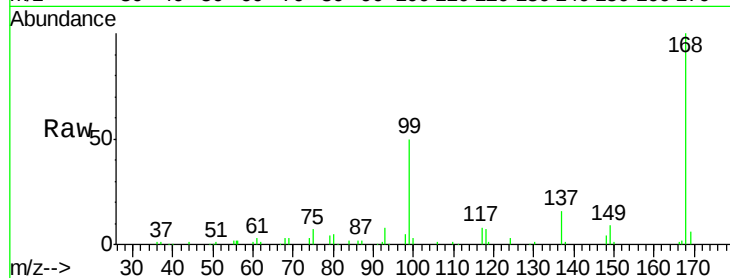
Tgt Ion: 56 Resp: 2465

Ion Ratio Lower Upper

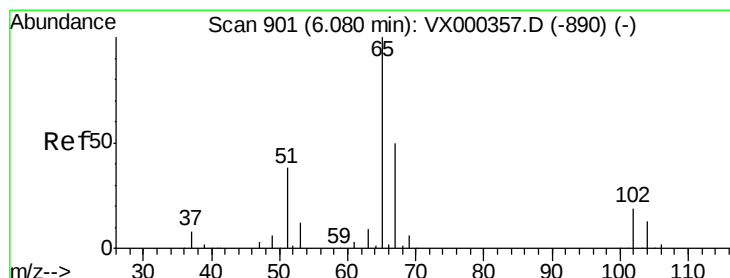
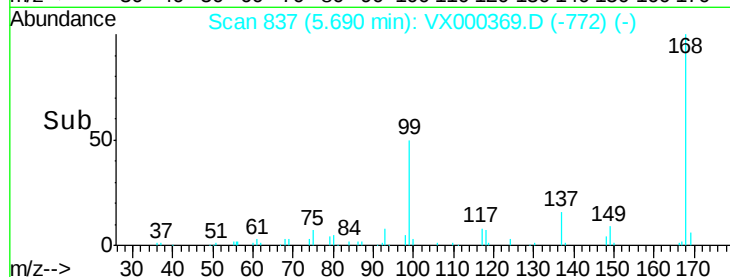
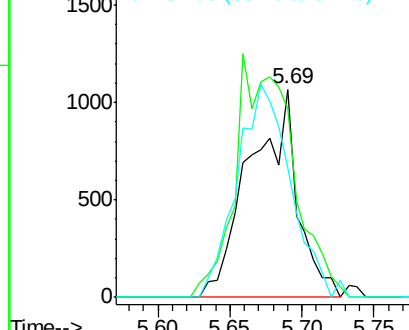
56 100

69 90.8 23.4 35.0#

84 62.3 71.0 106.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.24 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000369.D

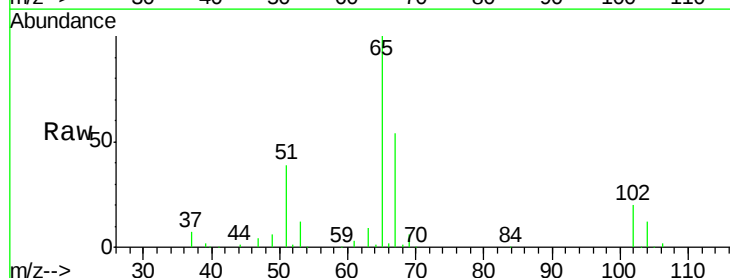
Acq: 20 Mar 2018 19:19

Tgt Ion: 65 Resp: 72509

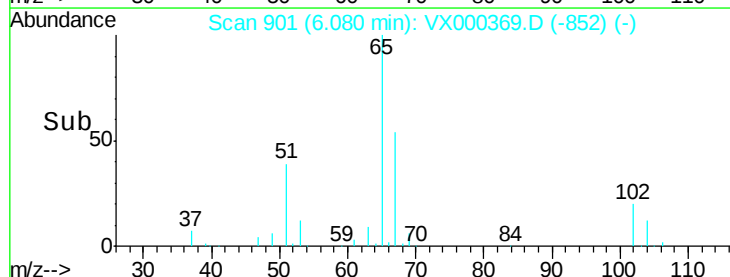
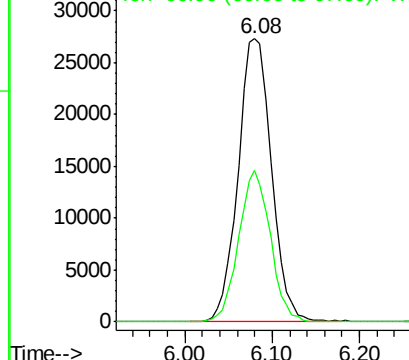
Ion Ratio Lower Upper

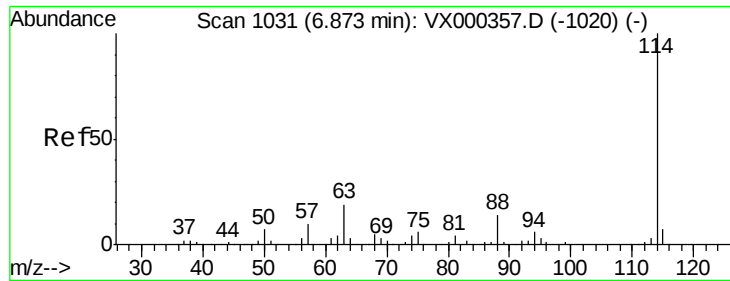
65 100

67 50.5 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

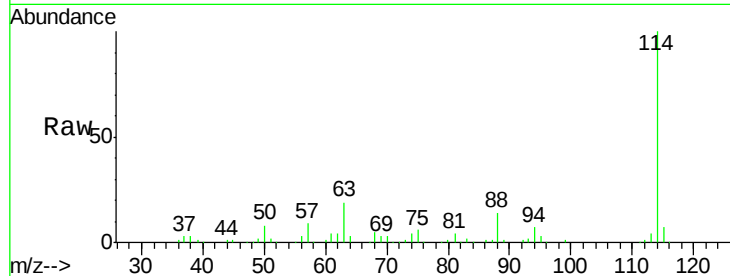




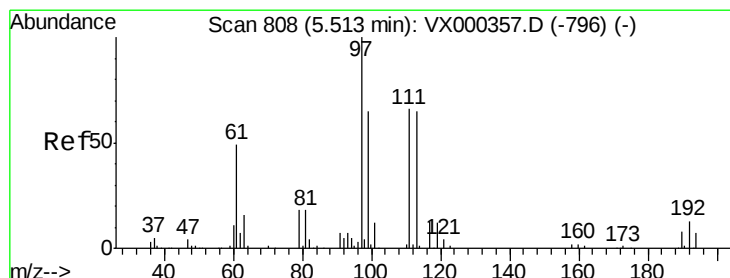
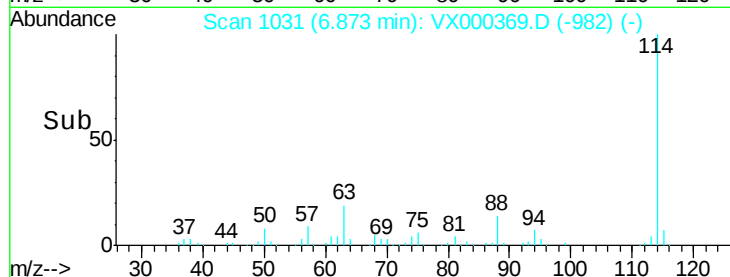
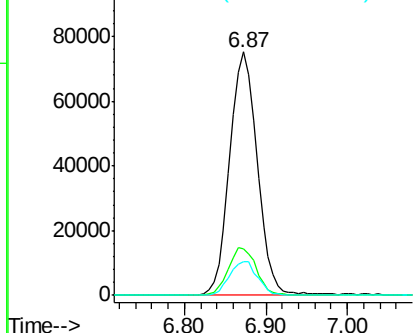
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000369.D
 Acq: 20 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleID :
 PB107482TB

Tgt Ion:114 Resp: 176293
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 13.8 0.0 27.0

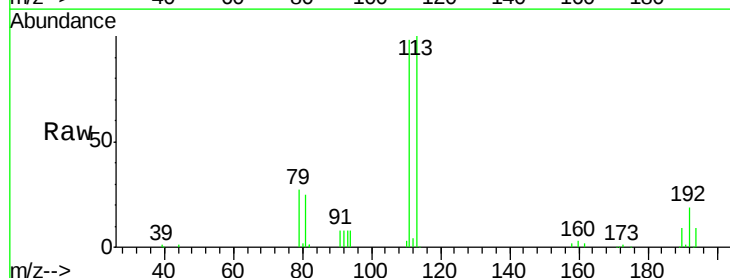


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

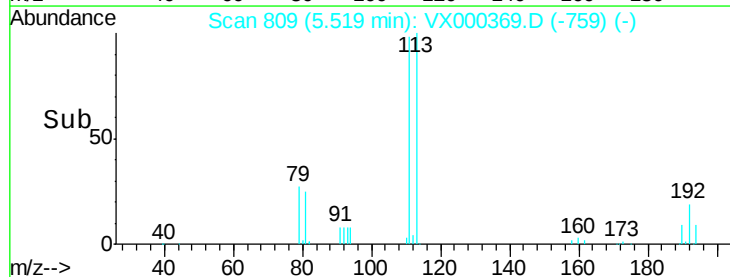
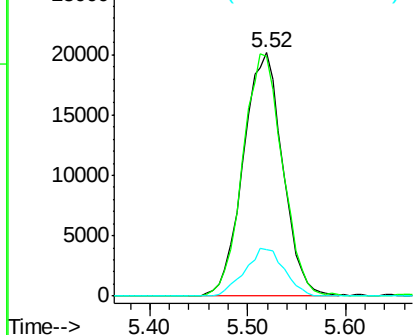


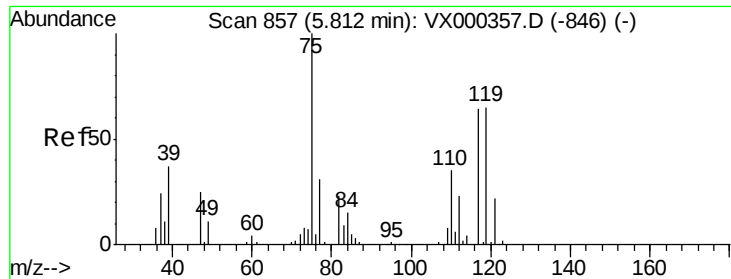
#35
 Dibromofluoromethane
 Concen: 50.79 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000369.D
 Acq: 20 Mar 2018 19:19

Tgt Ion:113 Resp: 56416
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.4 123.6
 192 19.5 15.8 23.6



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

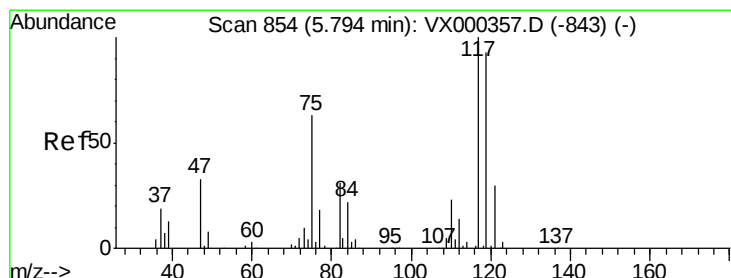
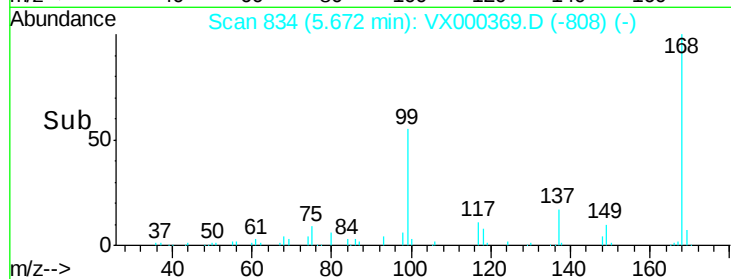
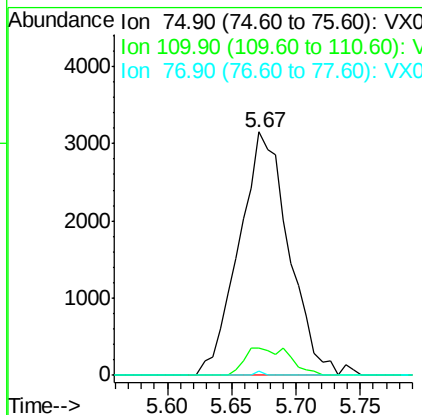
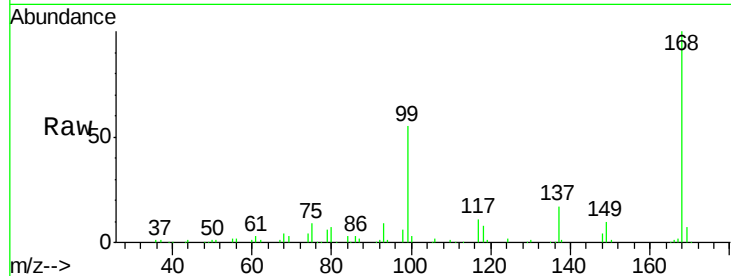




#36
 1,1-Dichloropropene
 Concen: 5.10 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000369.D
 Acq: 20 Mar 2018 19:19

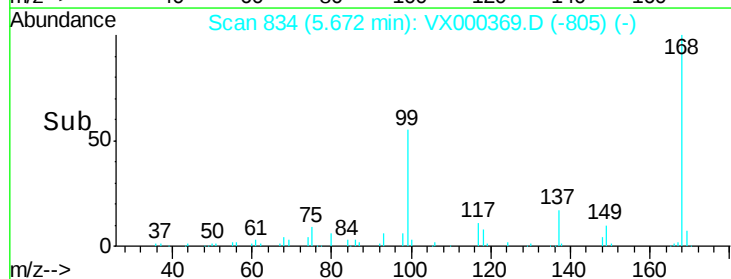
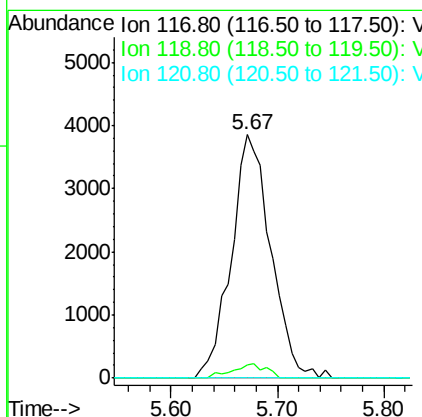
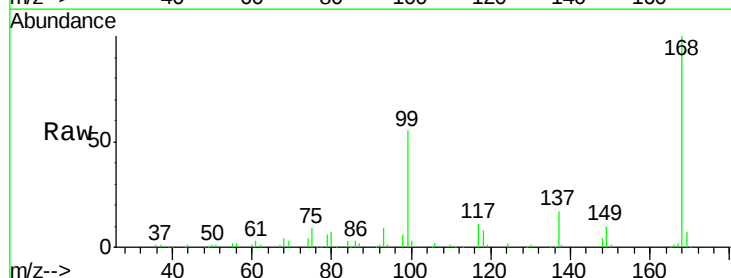
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 PB107482TB

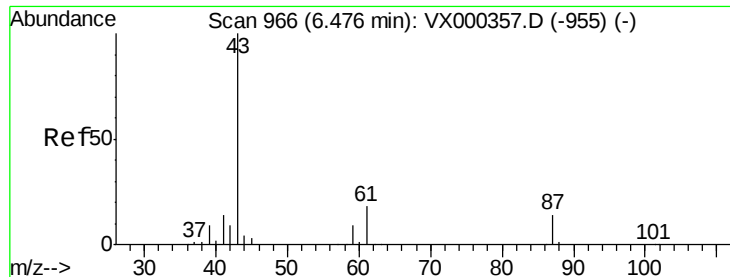
Tgt Ion: 75 Resp: 8422
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.9 53.7#
 77 0.2 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.79 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX000369.D
 Acq: 20 Mar 2018 19:19

Tgt Ion: 117 Resp: 10026
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.4 116.2#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 0.26 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

PB107482TB

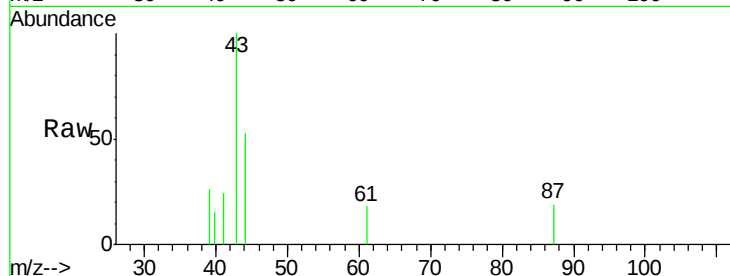
Tgt Ion: 43 Resp: 866

Ion Ratio Lower Upper

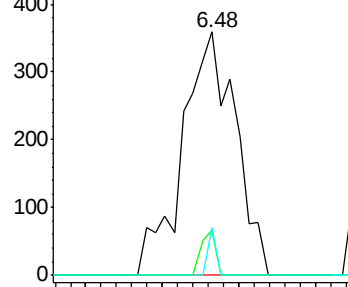
43 100

61 5.0 14.4 21.6#

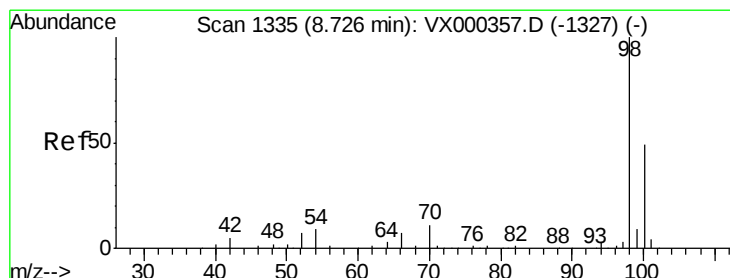
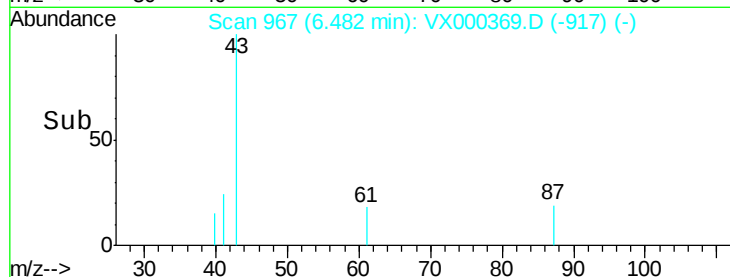
87 3.0 11.0 16.4#



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



Time-->



#50

Toluene-d8

Concen: 47.66 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000369.D

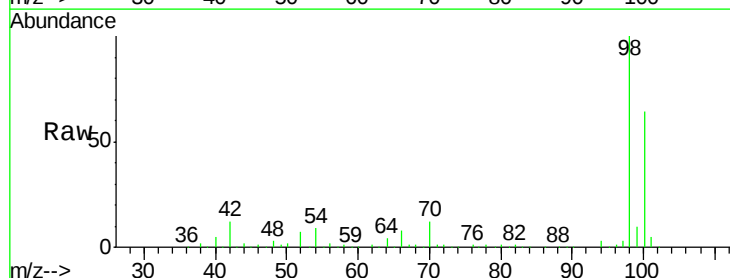
Acq: 20 Mar 2018 19:19

Tgt Ion: 98 Resp: 219282

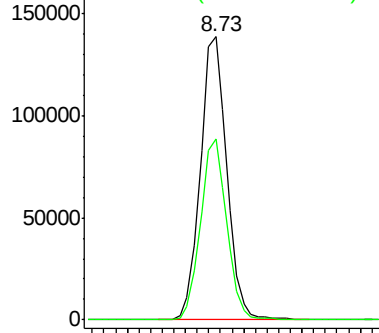
Ion Ratio Lower Upper

98 100

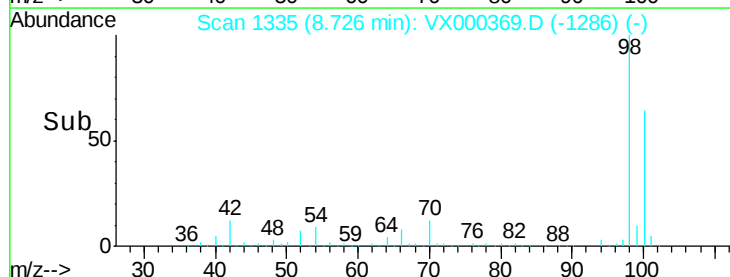
100 63.4 51.2 76.8

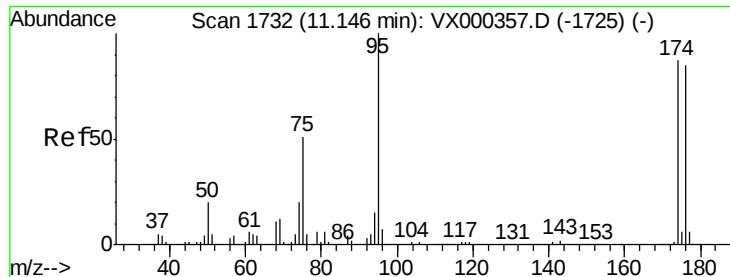


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



Time-->

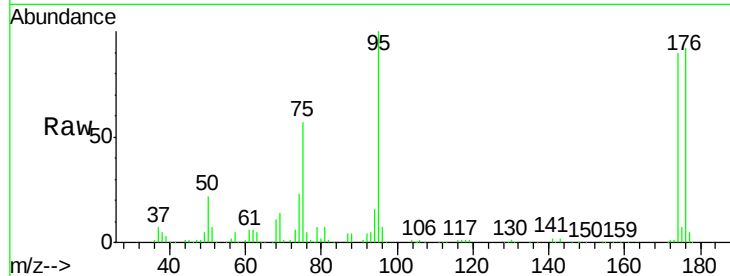




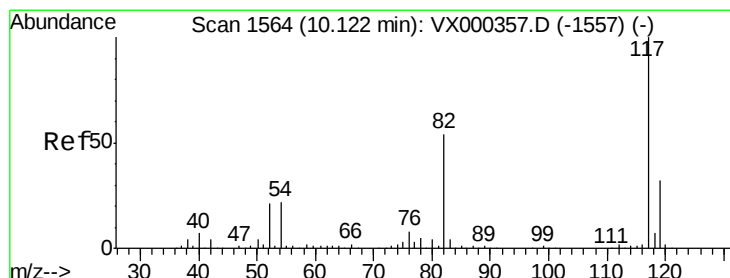
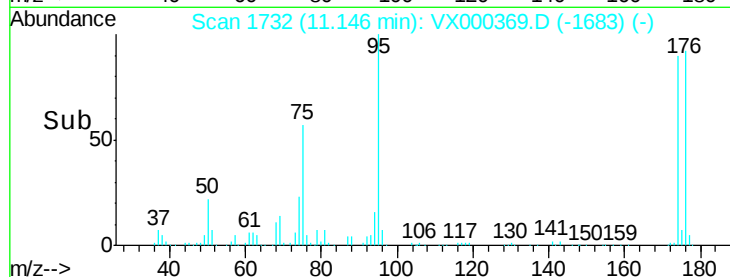
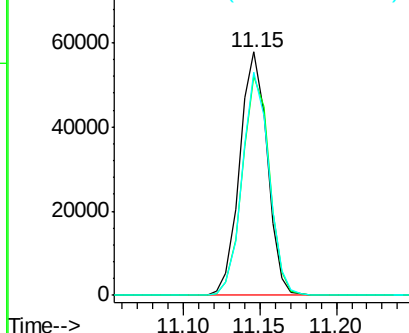
#62
4-Bromofluorobenzene
Concen: 38.66 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

Instrument :
MSVOA_X
ClientSampled :
PB107482TB

Tgt Ion: 95 Resp: 72035
Ion Ratio Lower Upper
95 100
174 89.6 0.0 173.6
176 89.3 0.0 164.6

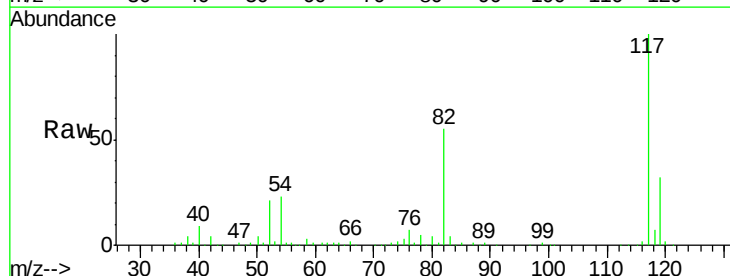


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

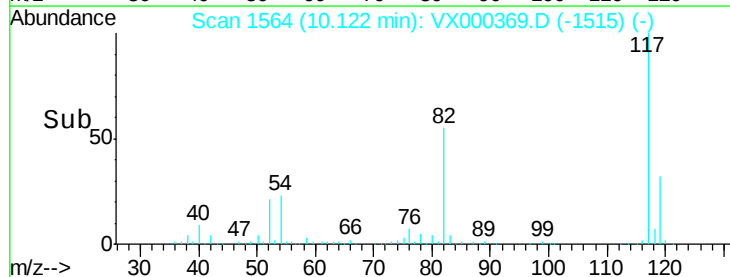
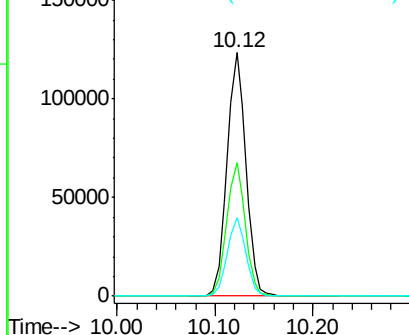


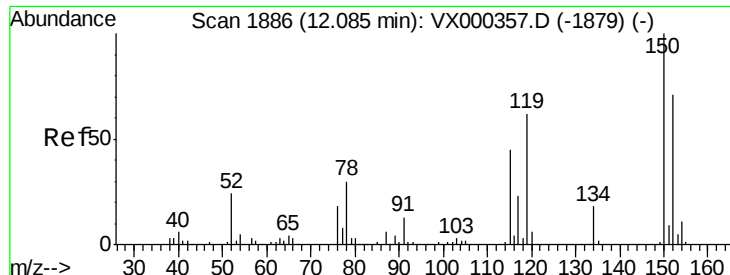
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000369.D
Acq: 20 Mar 2018 19:19

Tgt Ion: 117 Resp: 165657
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.3 24.9 37.3



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Instrument :

MSVOA_X

ClientSampled :

PB107482TB

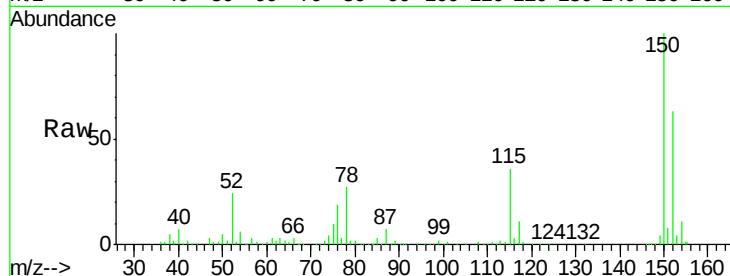
Tgt Ion:152 Resp: 79261

Ion Ratio Lower Upper

152 100

115 55.1 39.8 119.3

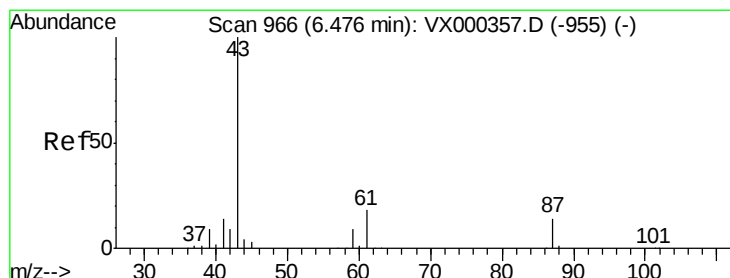
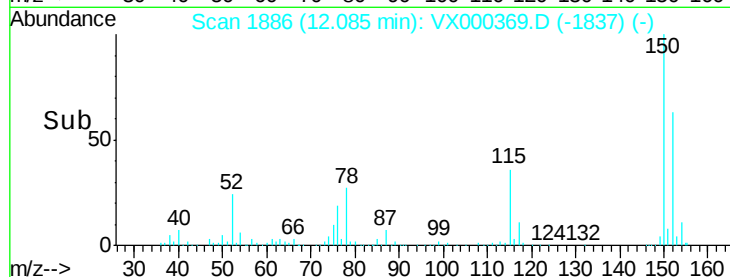
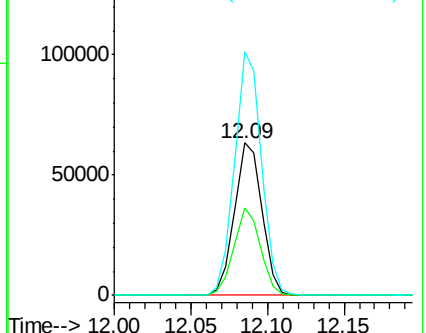
150 155.7 0.0 344.4



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-amyl acetate

Concen: Below Cal

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000369.D

Acq: 20 Mar 2018 19:19

Tgt Ion: 43 Resp: 866

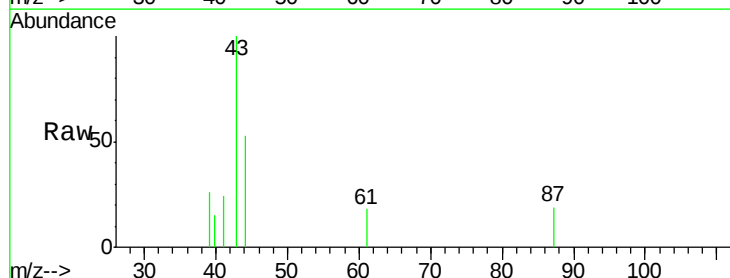
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 5.0 14.4 21.6#

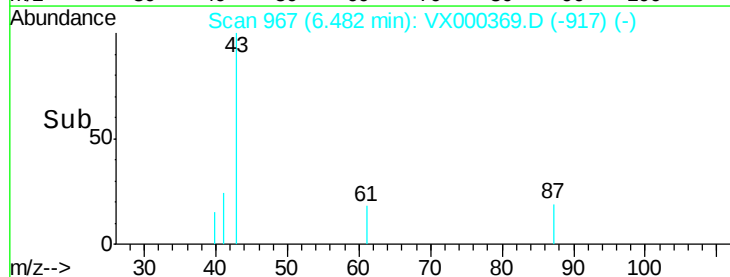
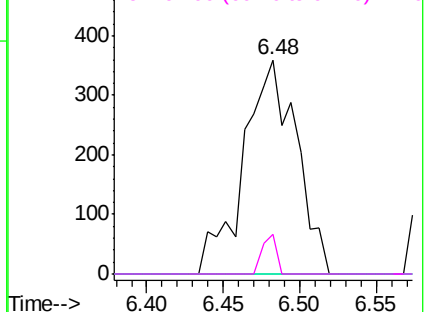


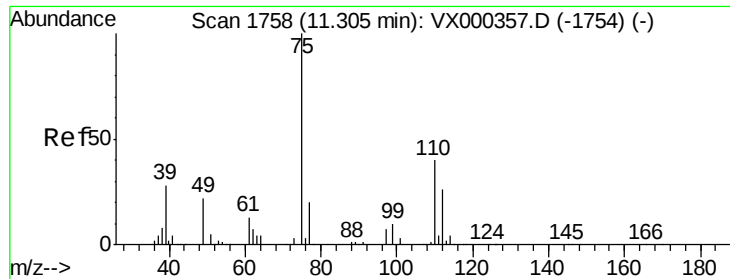
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

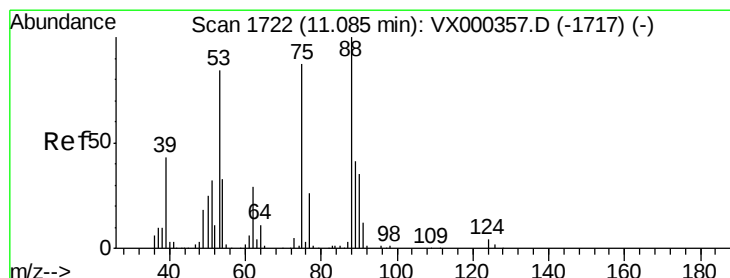
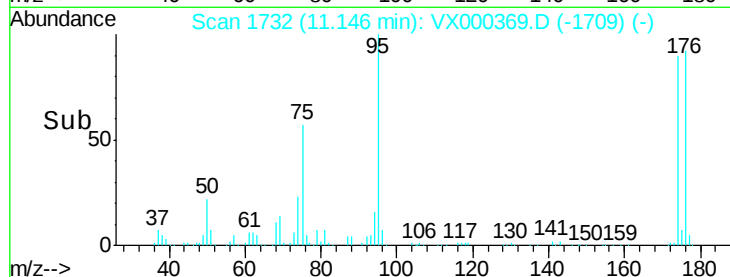
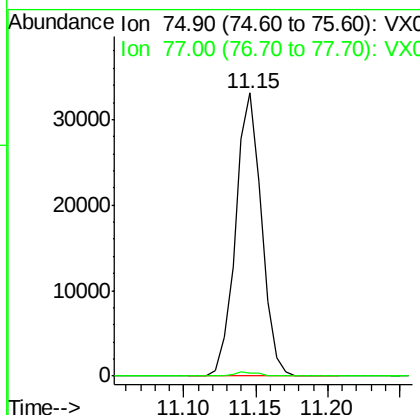
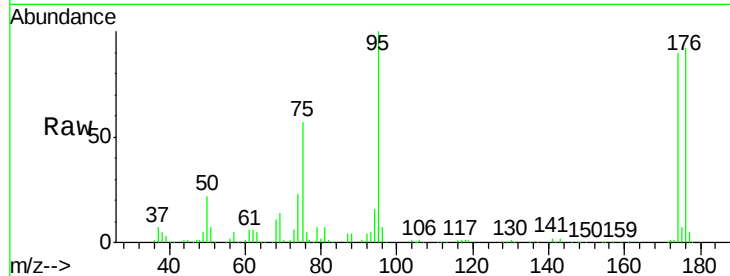




#76
 1,2,3-Trichloropropane
 Concen: 24.31 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000369.D
 Acq: 20 Mar 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleID :
 PB107482TB

Tgt Ion: 75 Resp: 41407
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.70 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000369.D
 Acq: 20 Mar 2018 19:19

Tgt Ion: 75 Resp: 41407
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.1 39.4 59.0#

