

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000389.D
 Acq On : 21 Mar 2018 16:53
 Operator : JC/MD
 Sample : J1962-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-SOILREF-6

Quant Time: Mar 22 05:30:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86190	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	74571	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
35) Dibromofluoromethane	5.52	113	57499	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.73	98	229601	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.15	95	77601	39.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.56%	

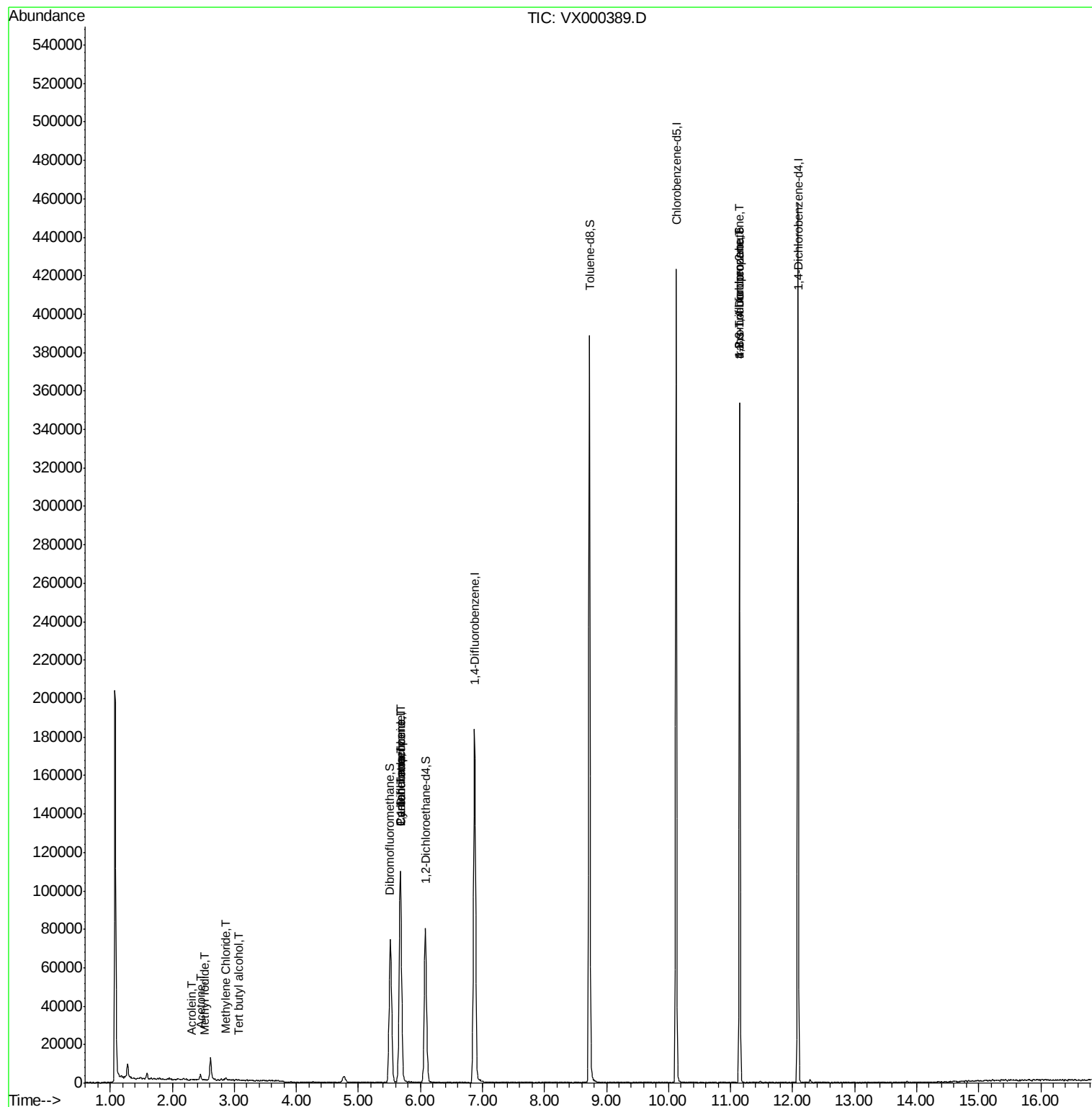
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.75	64	254	Below Cal		92
10) Methyl Iodide	2.52	142	21	4.29 ug/l	#	37
11) Tert butyl alcohol	3.07	59	205	0.43 ug/l	#	72
13) Acrolein	2.30	56	23	14.72 ug/l	#	13
14) Allyl chloride	2.74	41	127	Below Cal	#	72
16) Acetone	2.45	43	2611	2.29 ug/l		93
20) Methylene Chloride	2.87	84	452	0.34 ug/l	#	63
31) Cyclohexane	5.67	56	2809	1.62 ug/l	#	58
36) 1,1-Dichloropropene	5.68	75	8351	4.86 ug/l	#	47
38) Carbon Tetrachloride	5.68	117	10574	5.86 ug/l	#	14
74) N-amyl acetate	6.39	43	116	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	43861	23.68 ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	43861	76.66 ug/l	#	9

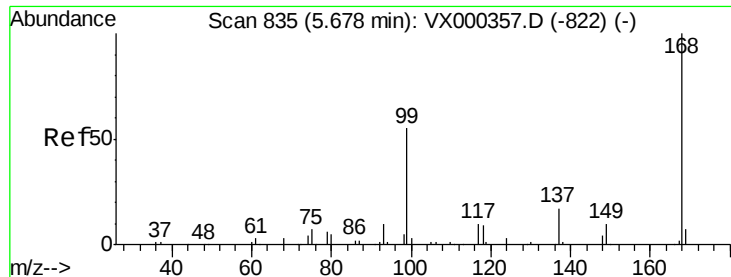
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000389.D

Acq: 21 Mar 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

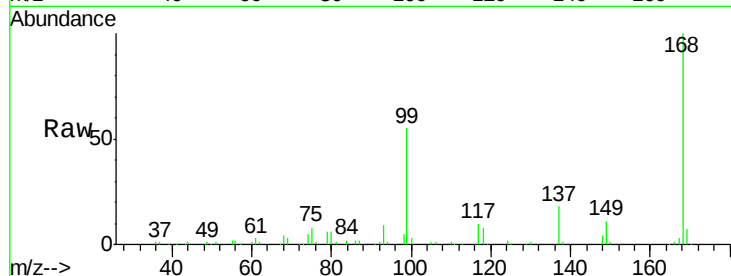
STORAGEBLANK-SOILREF-6

Tgt Ion: 168 Resp: 105002

Ion Ratio Lower Upper

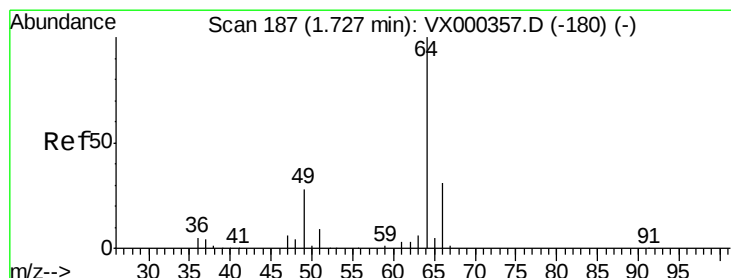
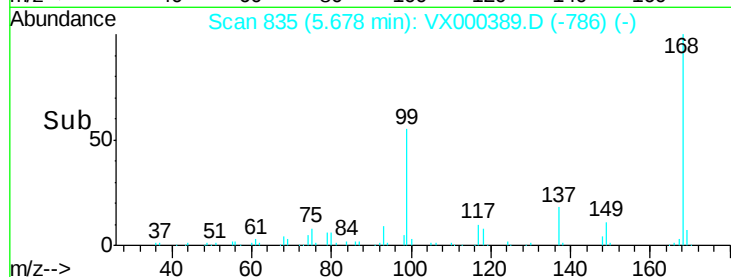
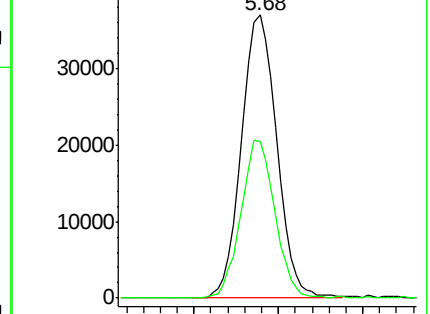
168 100

99 55.3 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: 1.75 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX000389.D

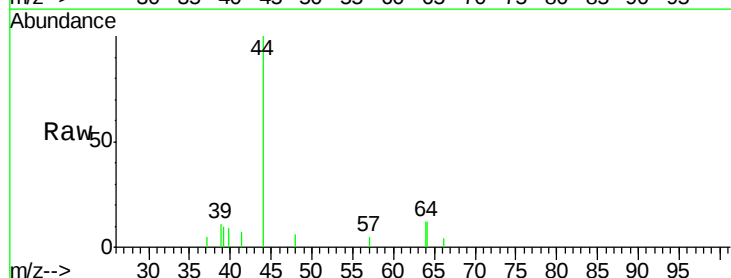
Acq: 21 Mar 2018 16:53

Tgt Ion: 64 Resp: 254

Ion Ratio Lower Upper

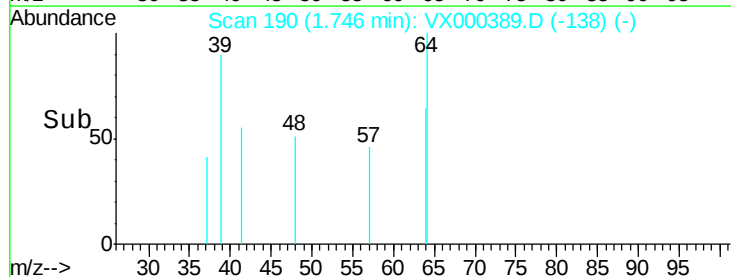
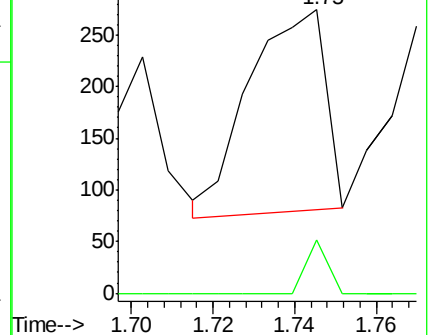
64 100

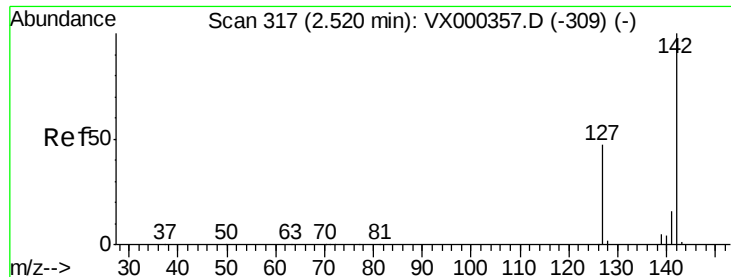
66 26.6 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

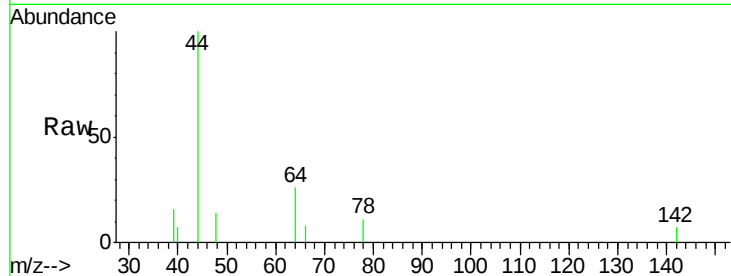




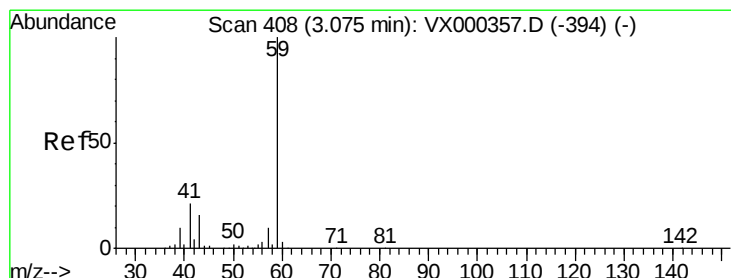
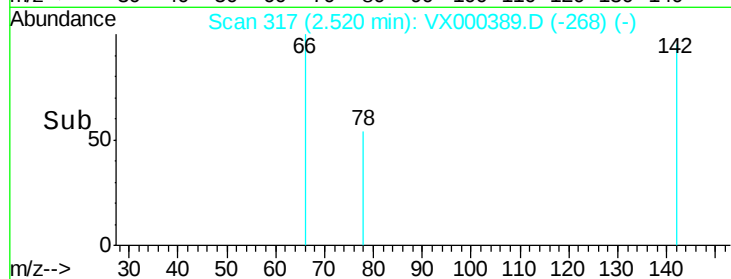
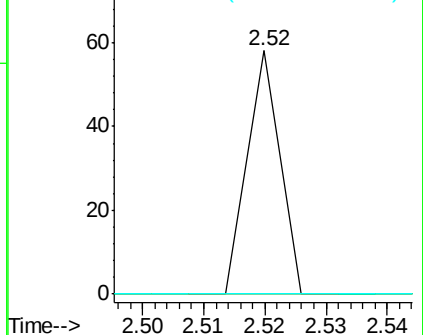
#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tgt Ion: 142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

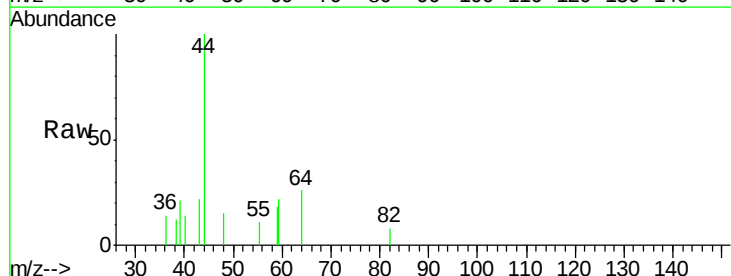


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

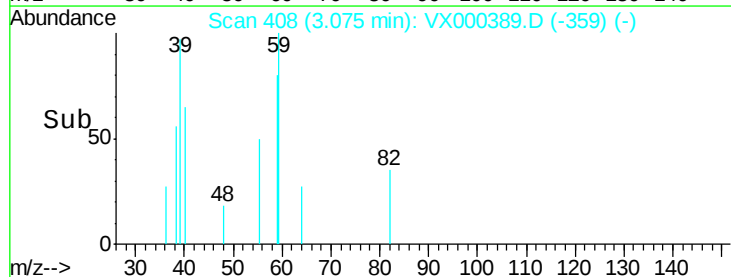
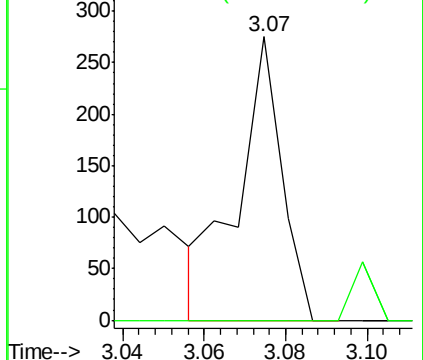


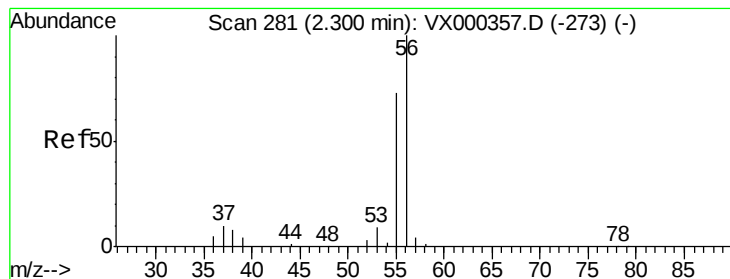
#11
Tert butyl alcohol
Concen: 0.43 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

Tgt Ion: 59 Resp: 205
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 14.72 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000389.D

Acq: 21 Mar 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

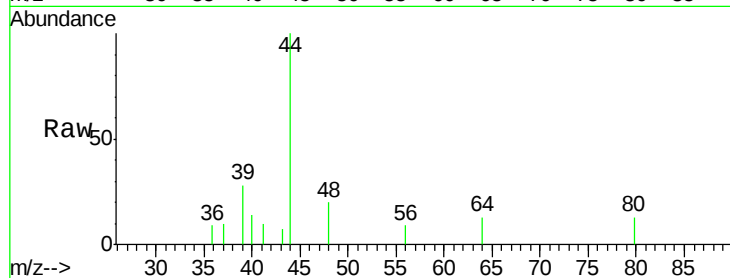
STORAGEBLANK-SOILREF-6

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

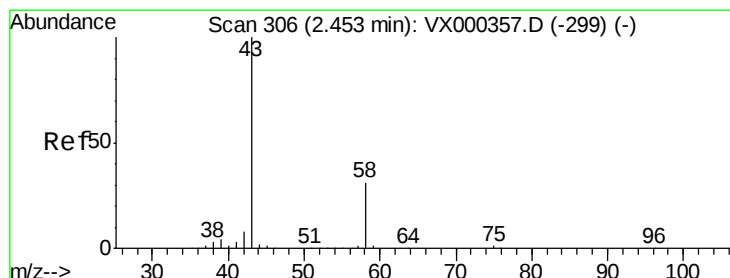
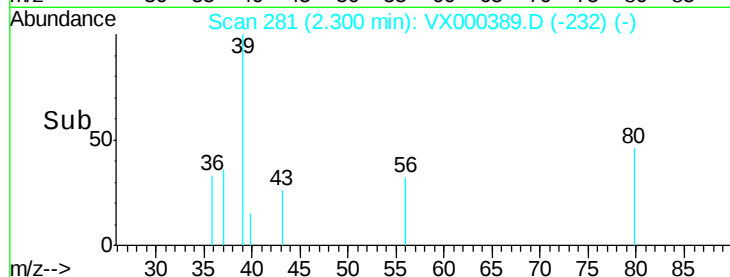
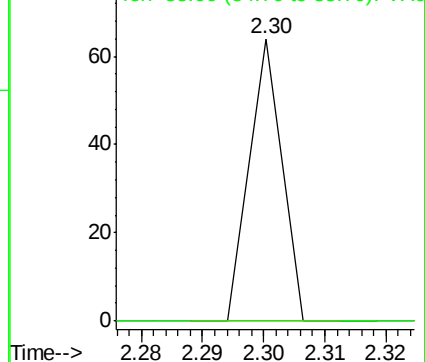
56 100

55 0.0 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.29 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000389.D

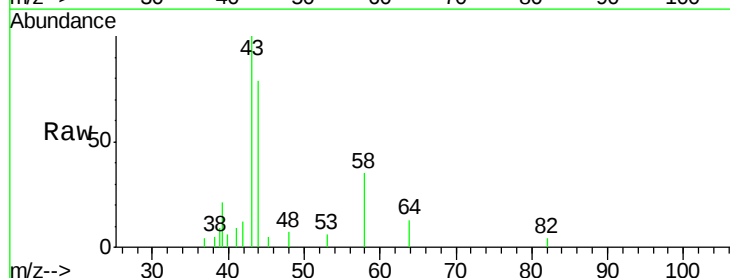
Acq: 21 Mar 2018 16:53

Tgt Ion: 43 Resp: 2611

Ion Ratio Lower Upper

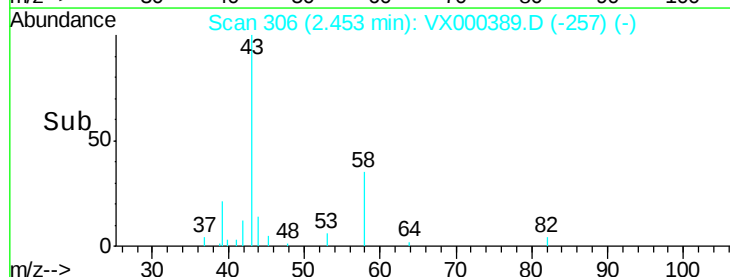
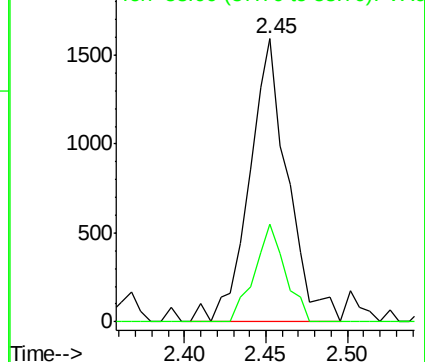
43 100

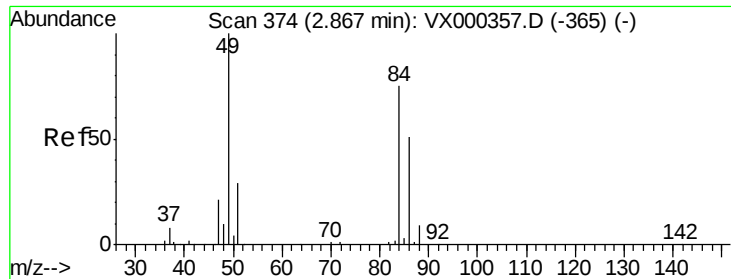
58 34.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

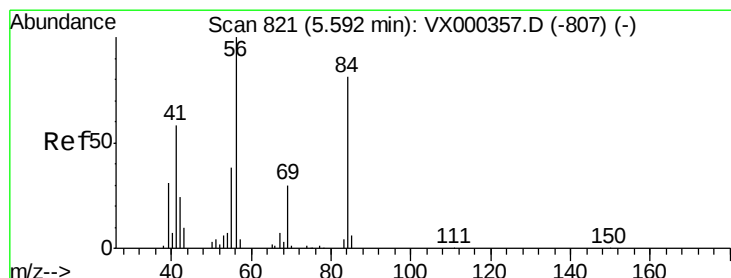
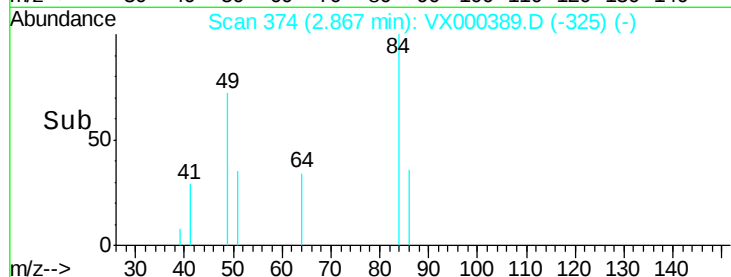
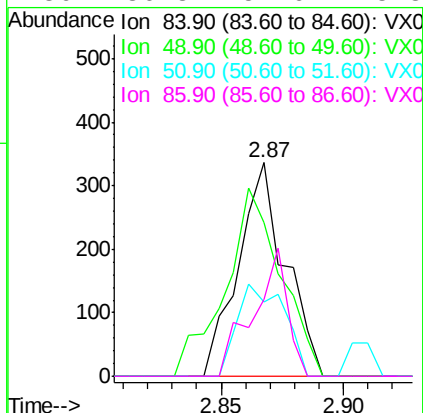
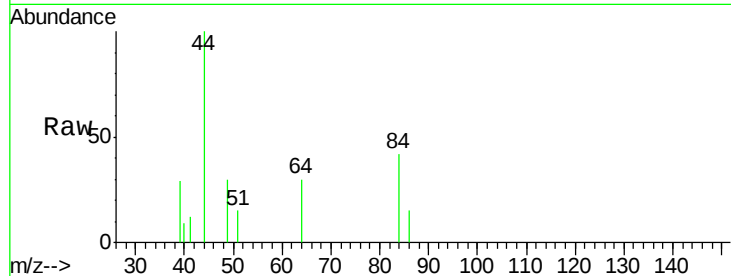




#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

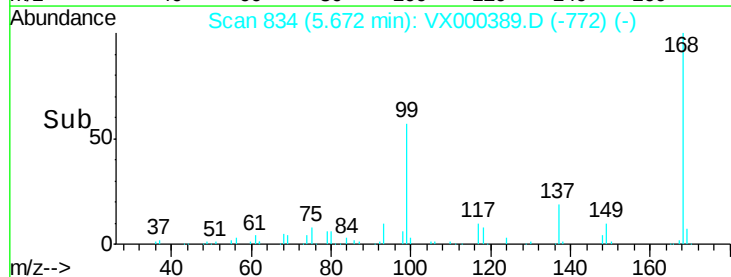
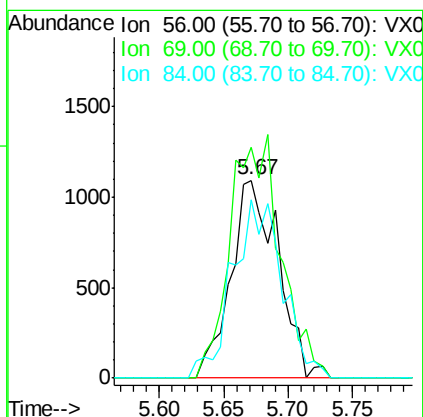
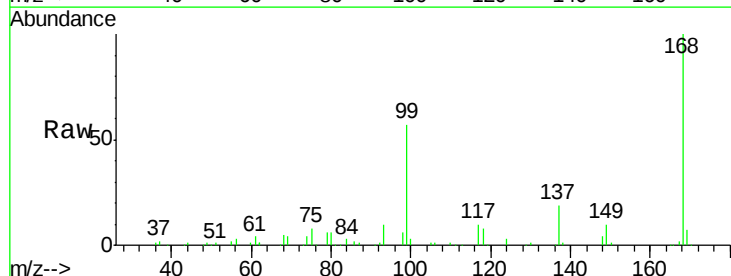
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MSVOA_X
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STORAGEBLANK-SOILREF-6

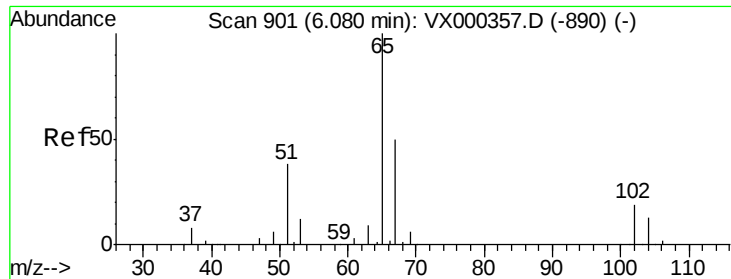
Tgt Ion: 84 Resp: 452
Ion Ratio Lower Upper
84 100
49 72.0 100.6 151.0#
51 34.8 31.6 47.4
86 36.3 52.6 78.8#



#31
Cyclohexane
Concen: 1.62 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

Tgt Ion: 56 Resp: 2809
Ion Ratio Lower Upper
56 100
69 116.9 23.4 35.0#
84 90.0 71.0 106.4

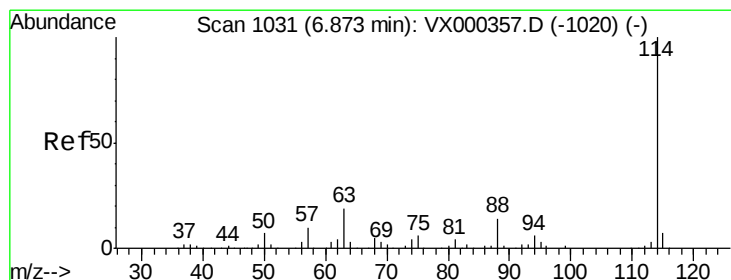
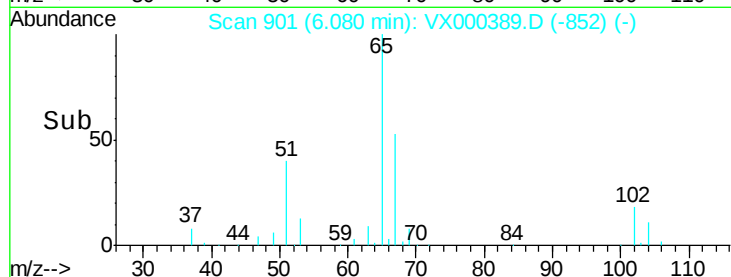
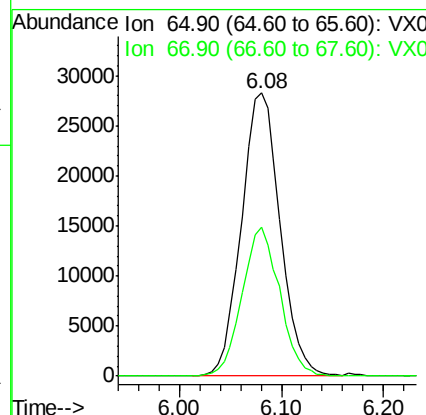
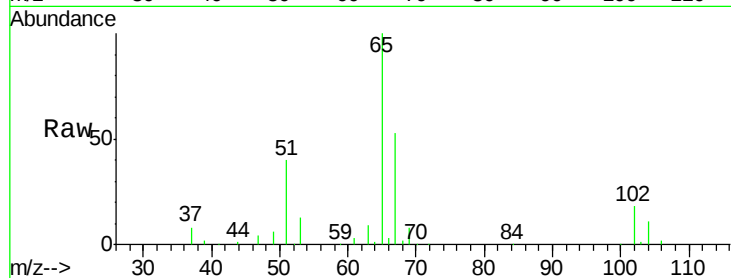




#33
 1,2-Dichloroethane-d4
 Concen: 54.41 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000389.D
 Acq: 21 Mar 2018 16:53

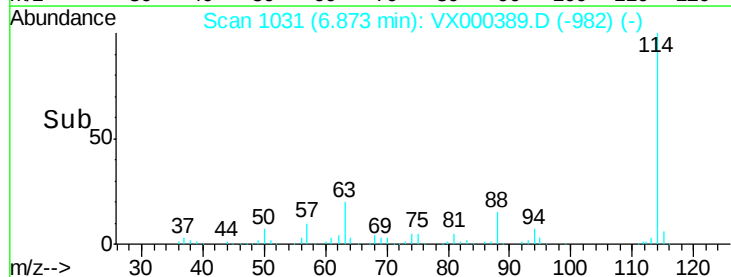
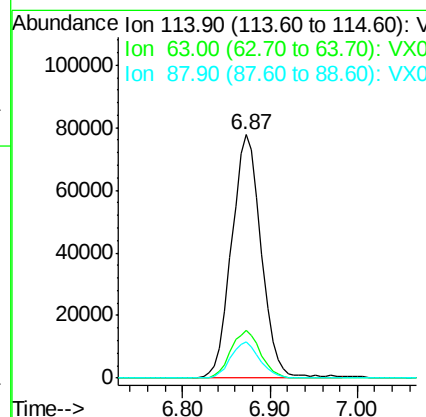
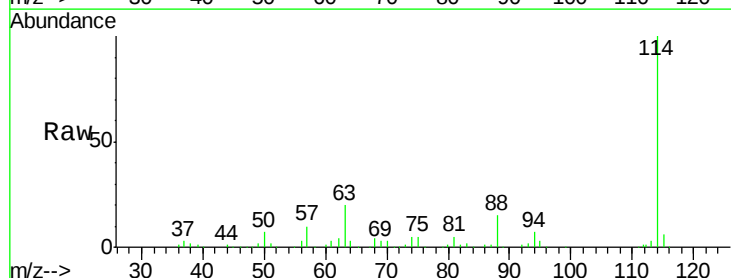
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

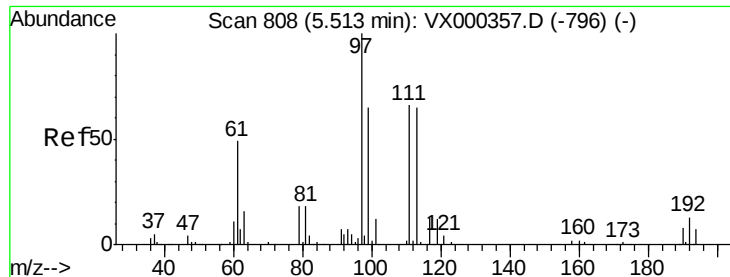
Tgt Ion: 65 Resp: 74571
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000389.D
 Acq: 21 Mar 2018 16:53

Tgt Ion: 114 Resp: 183542
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.72 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000389.D

Acq: 21 Mar 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

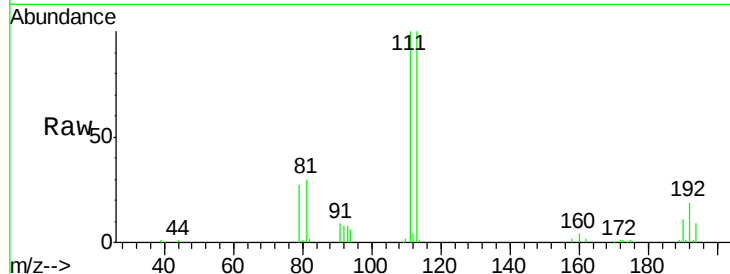
Tgt Ion:113 Resp: 57499

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

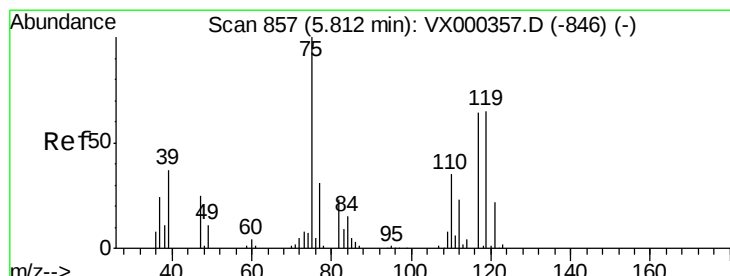
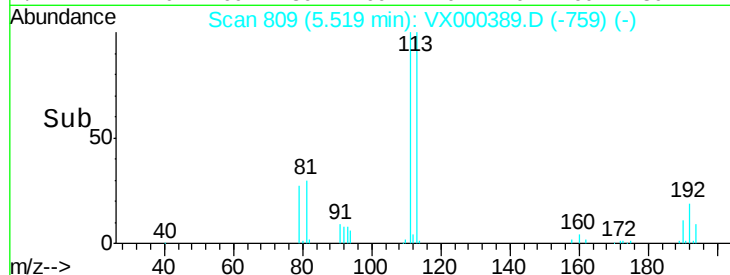
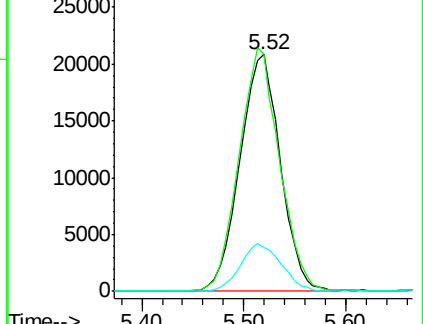
192 20.2 15.8 23.6



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: 4.86 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX000389.D

Acq: 21 Mar 2018 16:53

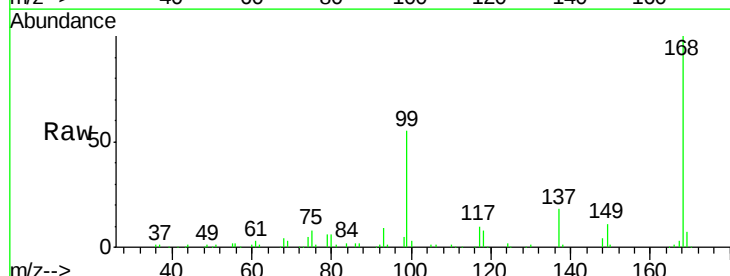
Tgt Ion: 75 Resp: 8351

Ion Ratio Lower Upper

75 100

110 6.2 17.9 53.7#

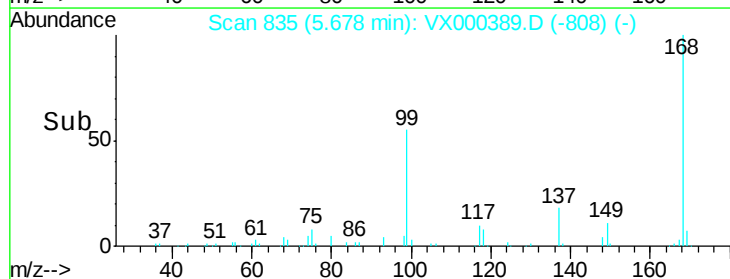
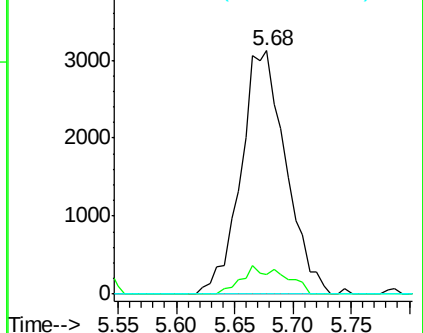
77 0.0 24.0 36.0#

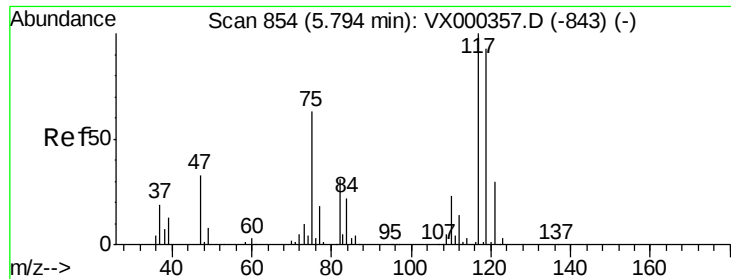


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

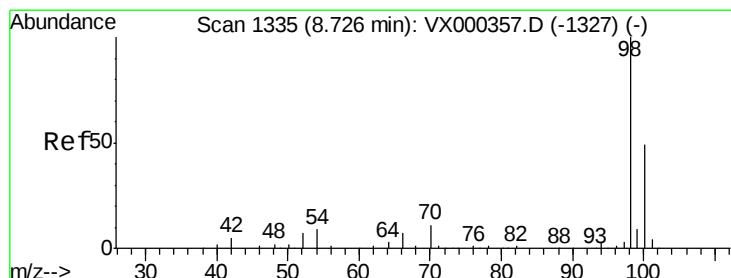
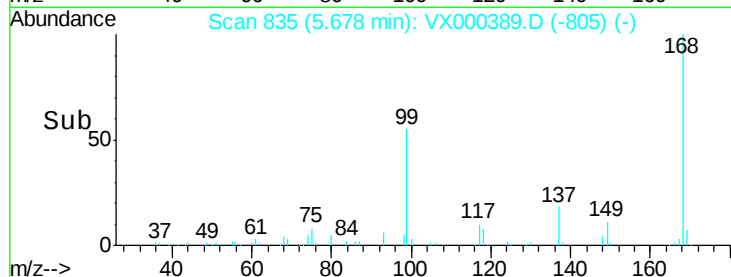
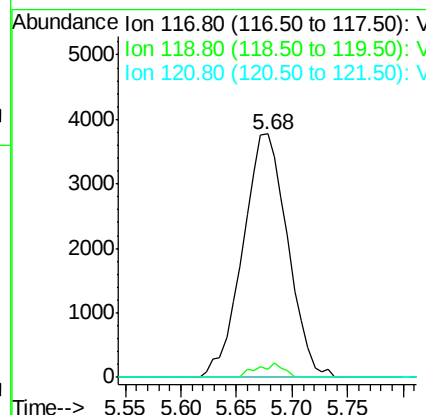
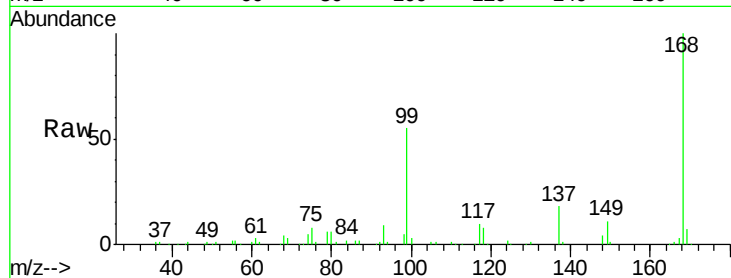




#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

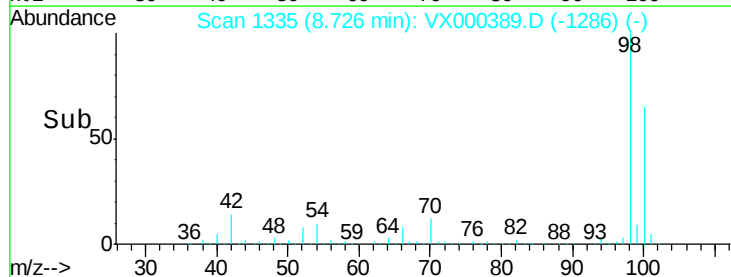
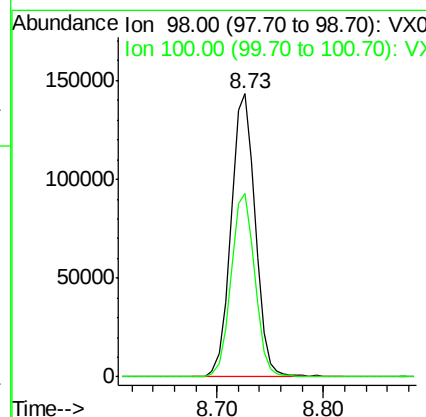
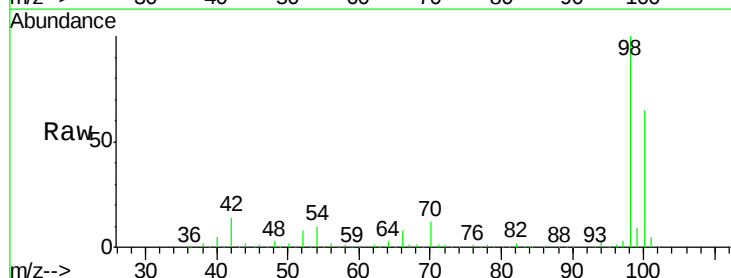
Instrument :
MSVOA_X
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STORAGEBLANK-SOILREF-6

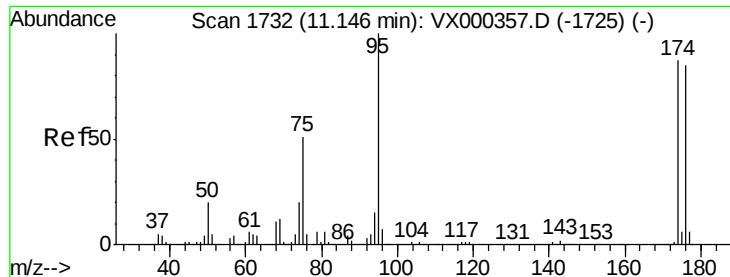
Tgt Ion:117 Resp: 10574
Ion Ratio Lower Upper
117 100
119 3.5 77.4 116.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.94 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

Tgt Ion: 98 Resp: 229601
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8

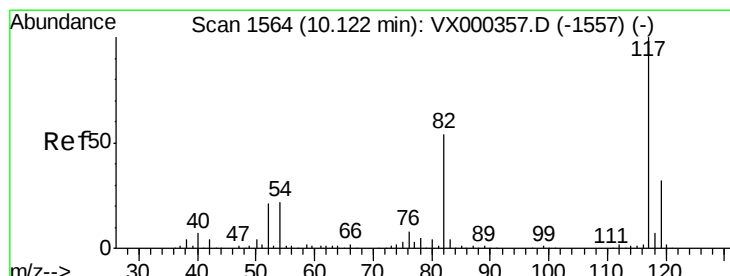
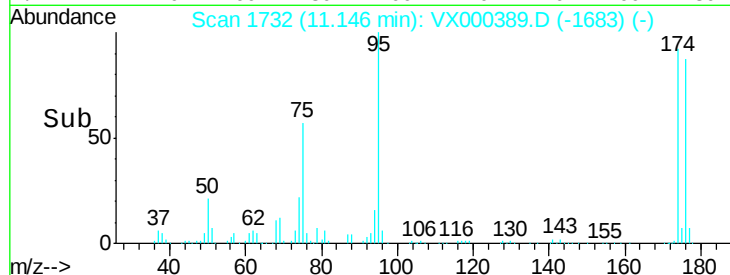
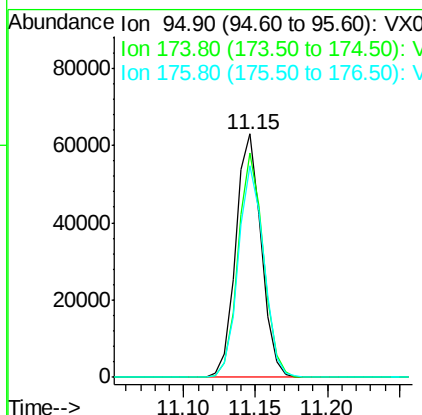
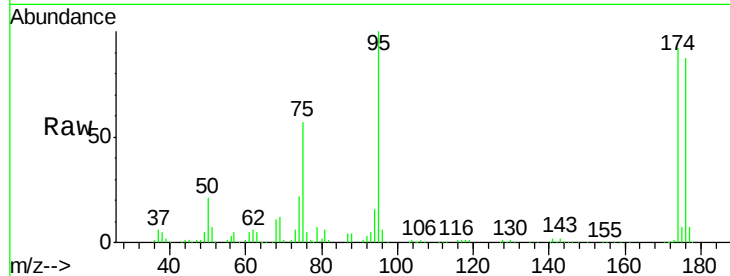




#62
4-Bromofluorobenzene
Concen: 39.78 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

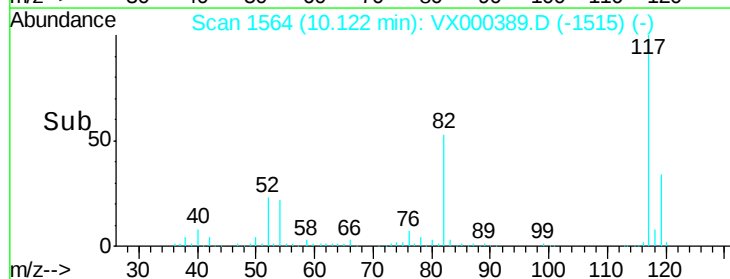
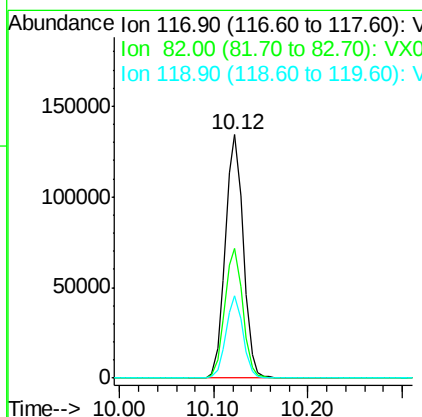
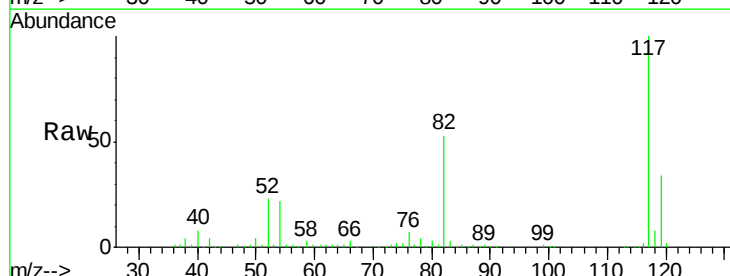
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

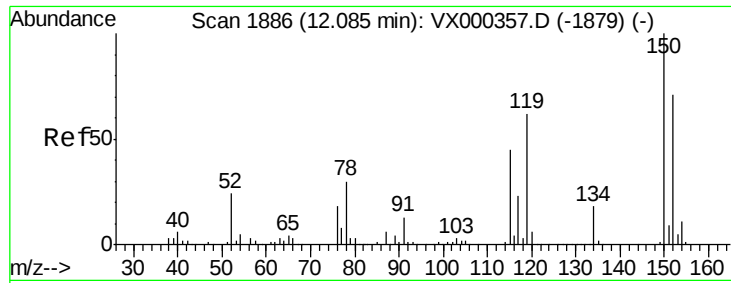
Tgt Ion: 95 Resp: 77601
Ion Ratio Lower Upper
95 100
174 91.0 0.0 173.6
176 87.4 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000389.D
Acq: 21 Mar 2018 16:53

Tgt Ion: 117 Resp: 178826
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 33.6 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000389.D

Acq: 21 Mar 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

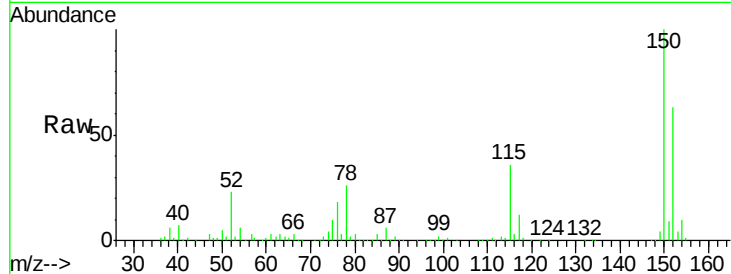
Tgt Ion:152 Resp: 86190

Ion Ratio Lower Upper

152 100

115 57.4 39.8 119.3

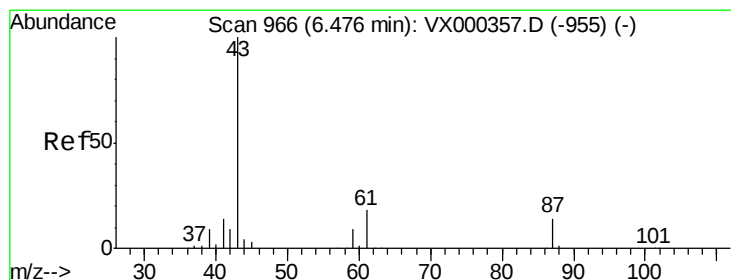
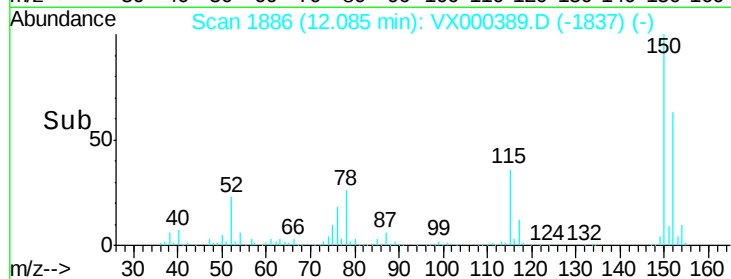
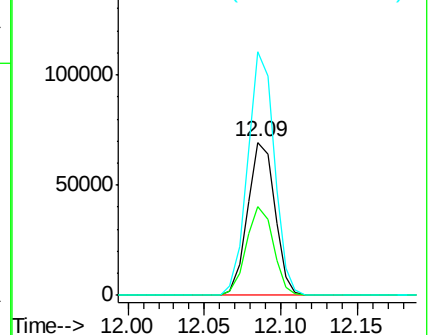
150 155.7 0.0 344.4



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-ethyl acetate

Concen: Below Cal

RT: 6.39 min Scan# 952

Delta R.T. -0.08 min

Lab File: VX000389.D

Acq: 21 Mar 2018 16:53

Tgt Ion: 43 Resp: 116

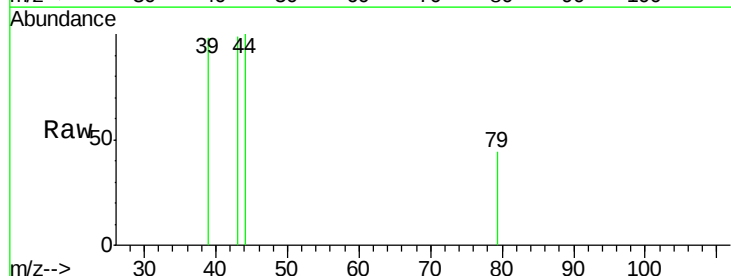
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

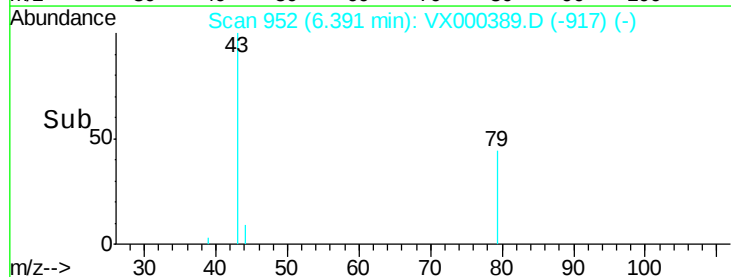
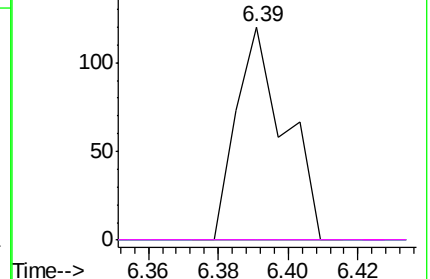


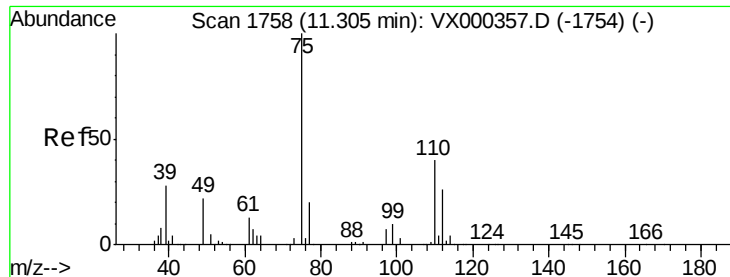
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

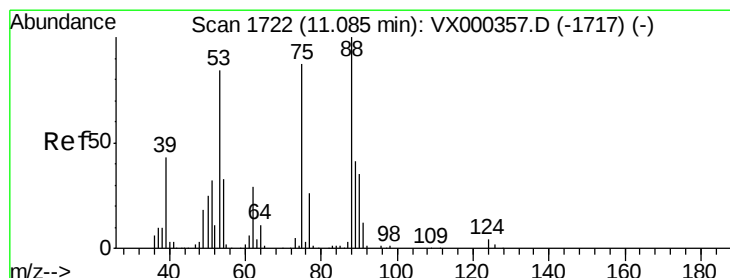
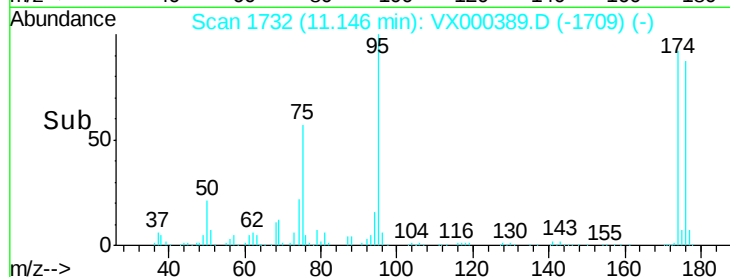
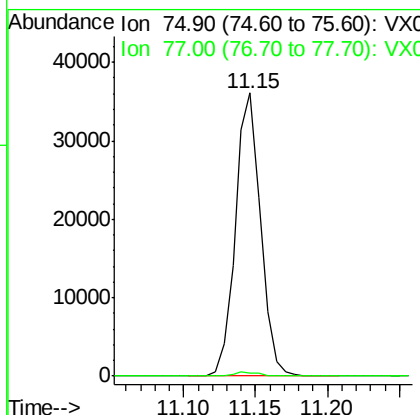
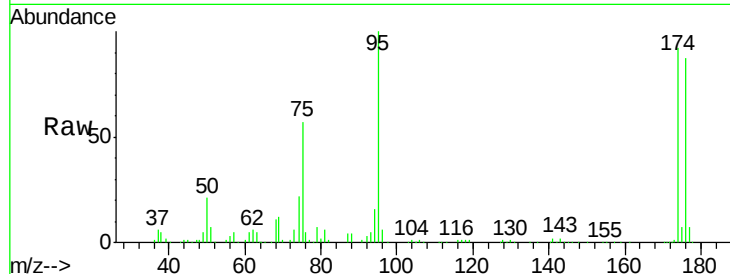




#76
 1,2,3-Trichloropropane
 Concen: 23.68 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000389.D
 Acq: 21 Mar 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Tgt Ion: 75 Resp: 43861
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.4 64.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.66 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000389.D
 Acq: 21 Mar 2018 16:53

Tgt Ion: 75 Resp: 43861
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.1 39.4 59.0#

