

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000333.D
 Acq On : 15 Mar 2018 17:10
 Operator : JC/MD
 Sample : PB107372TB 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB107372TB

Quant Time: Mar 16 02:41:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	171295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	133081	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	115068	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.51	113	88927	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	8.73	98	361242	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.15	95	121229	40.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.14%	

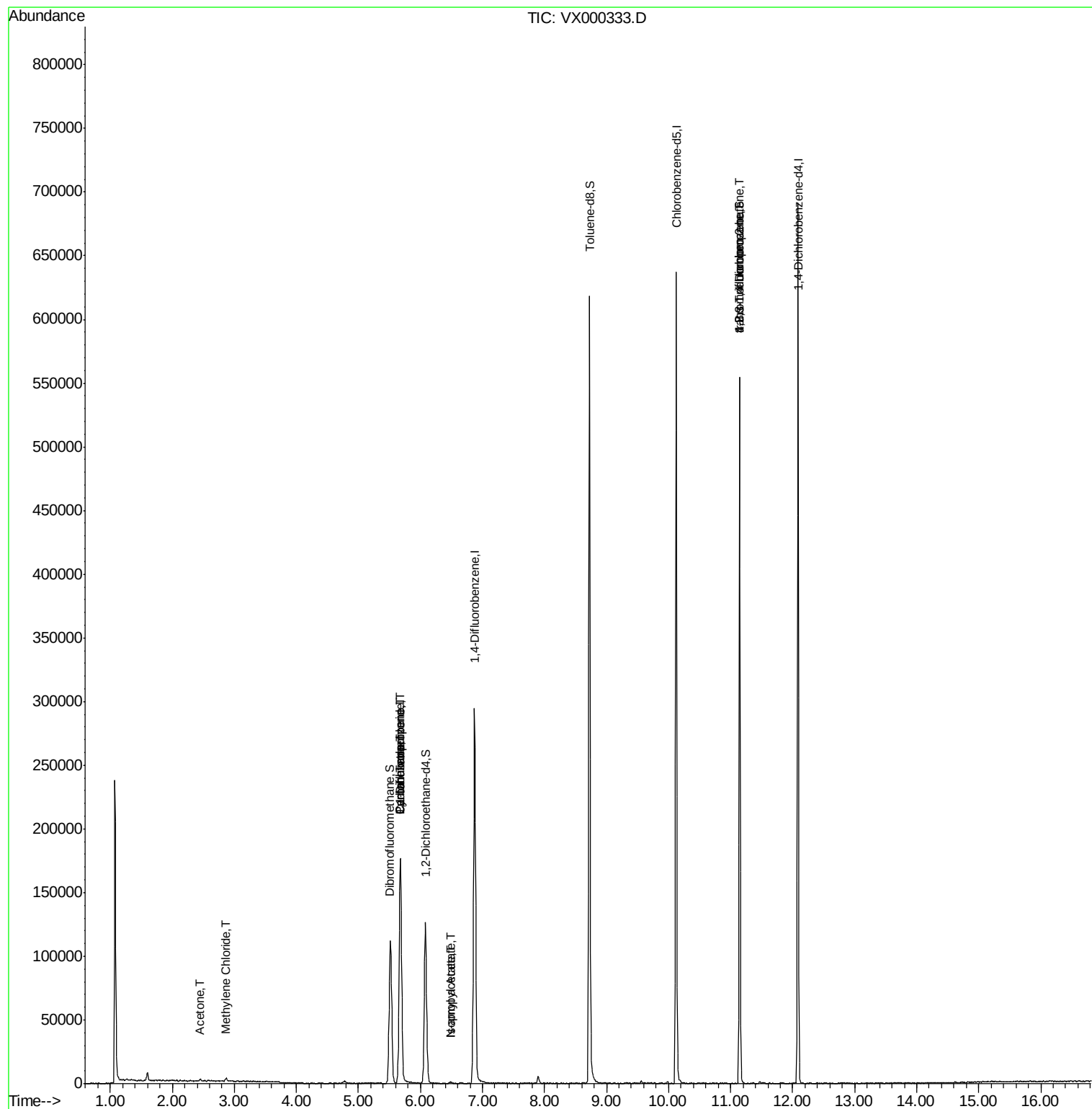
Target Compounds						Qvalue
16) Acetone	2.45	43	1773	1.12	ug/l	91
20) Methylene Chloride	2.86	84	888	0.43	ug/l #	85
31) Cyclohexane	5.67	56	4223	1.58	ug/l #	43
36) 1,1-Dichloropropene	5.67	75	13077	5.08	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16813	6.48	ug/l #	17
43) Isopropyl Acetate	6.48	43	1262	0.26	ug/l	96
74) N-amyl acetate	6.48	43	1262	0.33	ug/l #	94
76) 1,2,3-Trichloropropane	11.15	75	69784	28.12	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	69784	77.69	ug/l #	9

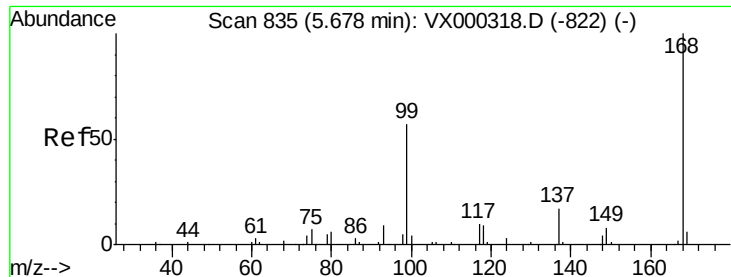
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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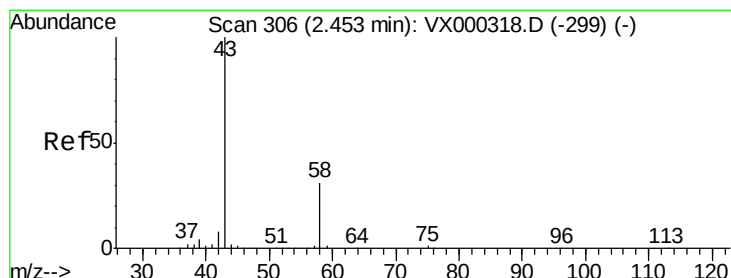
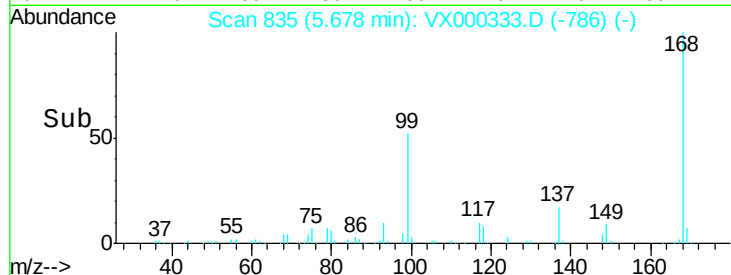
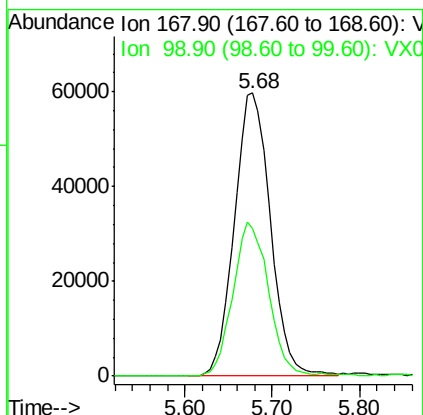
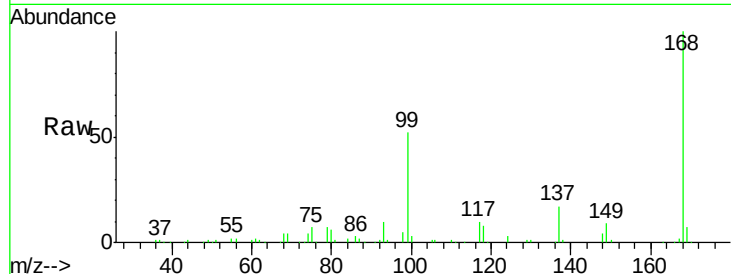




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

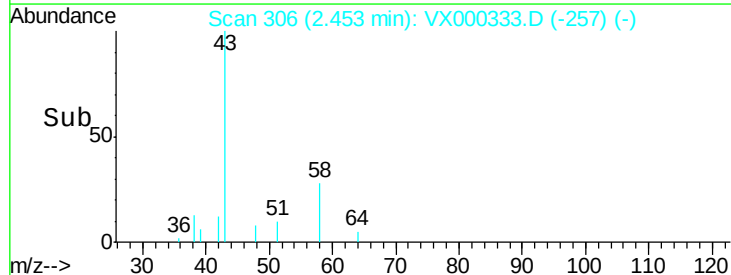
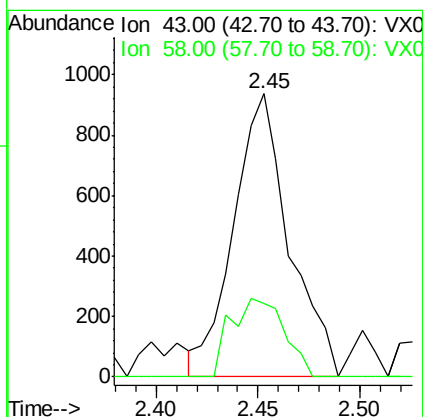
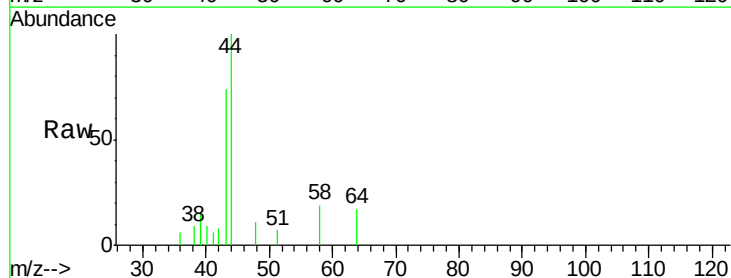
Instrument :
MSVOA_X
ClientSampleId :
PB107372TB

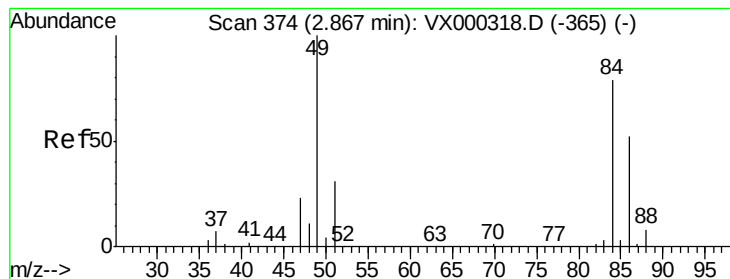
Tgt Ion:168 Resp: 171295
Ion Ratio Lower Upper
168 100
99 52.3 45.8 68.6



#16
Acetone
Concen: 1.12 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 26.0 24.7 37.1





#20

Methylene Chloride

Concen: 0.43 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000333.D

Acq: 15 Mar 2018 17:10

Instrument :

MSVOA_X

ClientSampleId :

PB107372TB

Tgt Ion: 84 Resp: 888

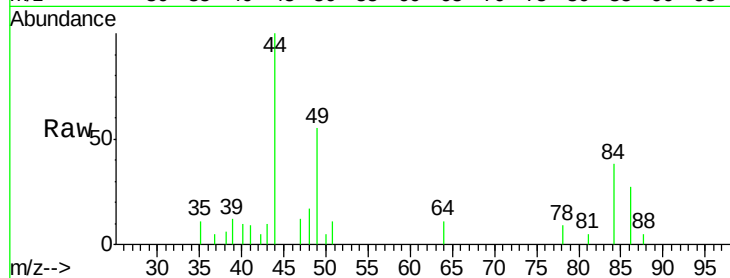
Ion Ratio Lower Upper

84 100

49 146.0 100.6 151.0

51 28.3 31.6 47.4#

86 70.7 52.6 78.8

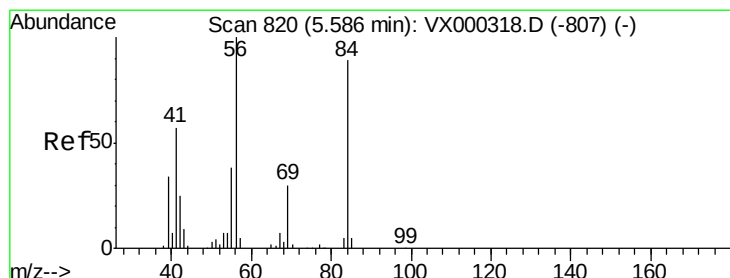
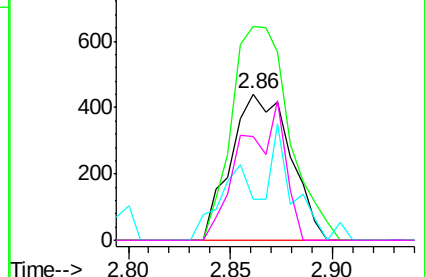
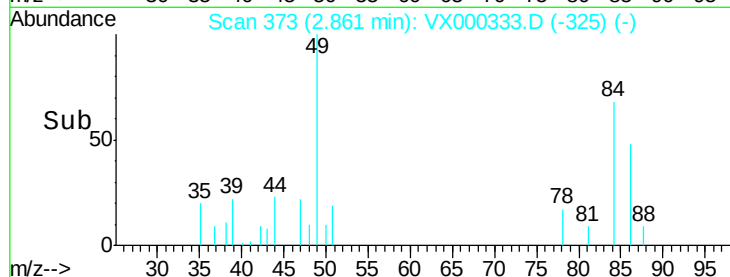


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#31

Cyclohexane

Concen: 1.58 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX000333.D

Acq: 15 Mar 2018 17:10

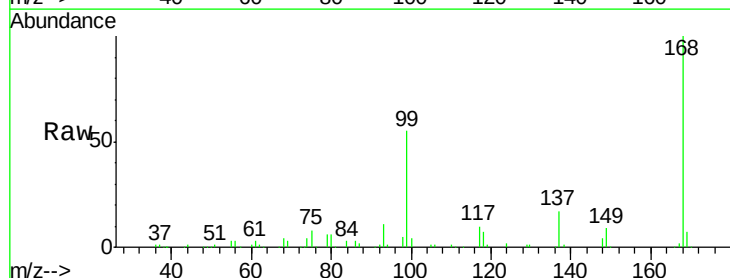
Tgt Ion: 56 Resp: 4223

Ion Ratio Lower Upper

56 100

69 123.1 23.4 35.0#

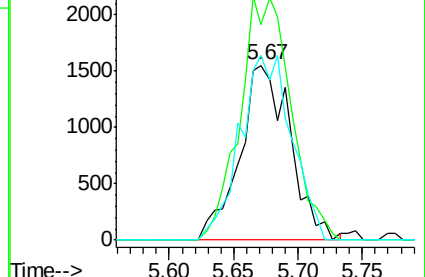
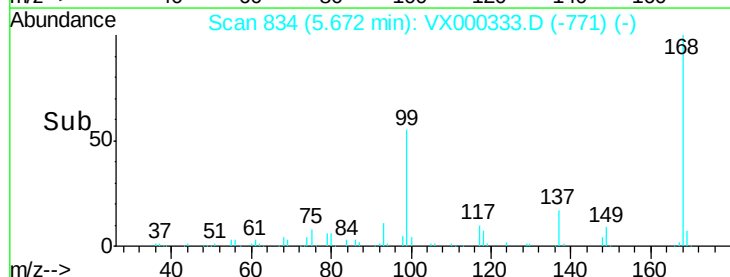
84 105.5 71.0 106.4

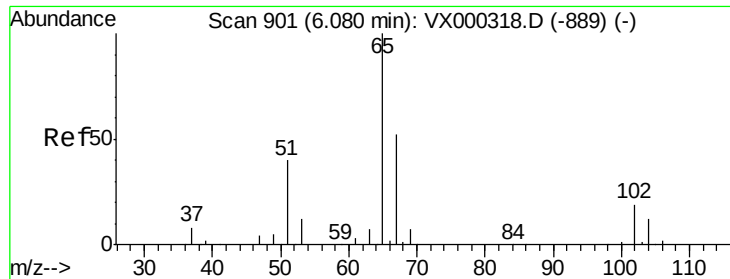


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

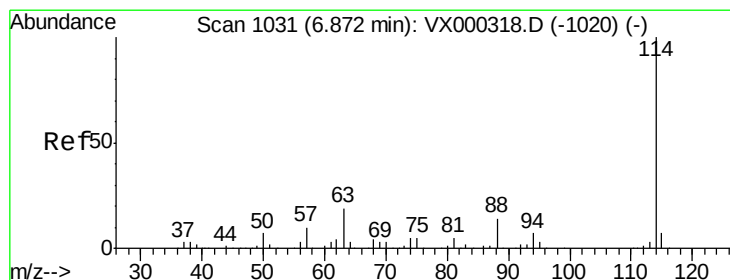
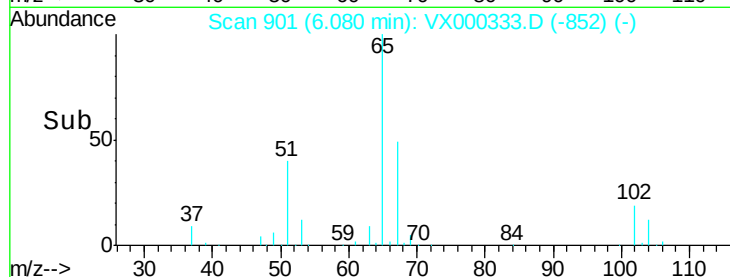
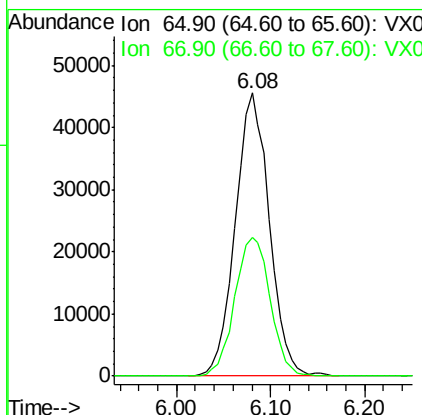
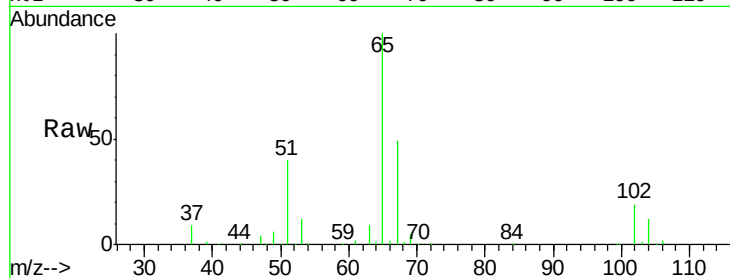




#33
 1,2-Dichloroethane-d4
 Concen: 48.56 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000333.D
 Acq: 15 Mar 2018 17:10

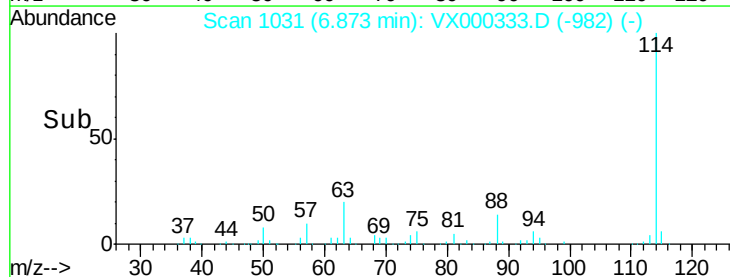
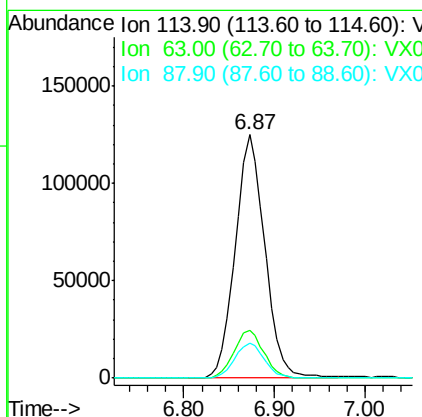
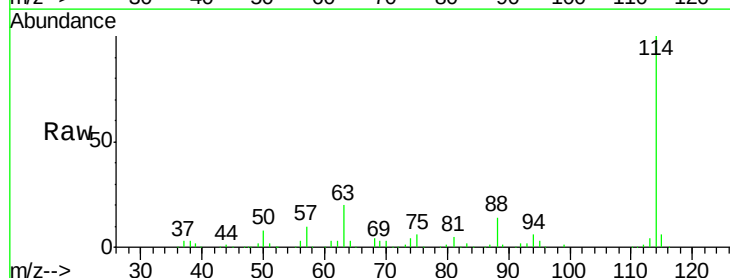
Instrument :
 MSVOA_X
 ClientSampled :
 PB107372TB

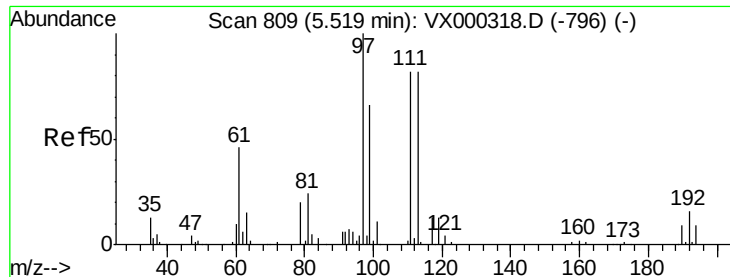
Tgt Ion: 65 Resp: 115068
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000333.D
 Acq: 15 Mar 2018 17:10

Tgt Ion: 114 Resp: 283122
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 14.3 0.0 27.0

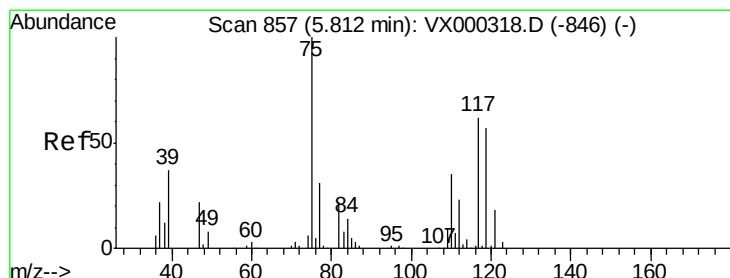
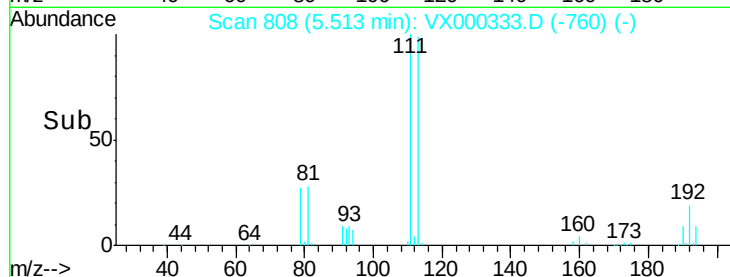
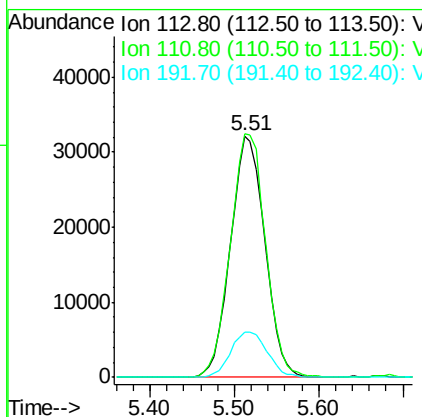
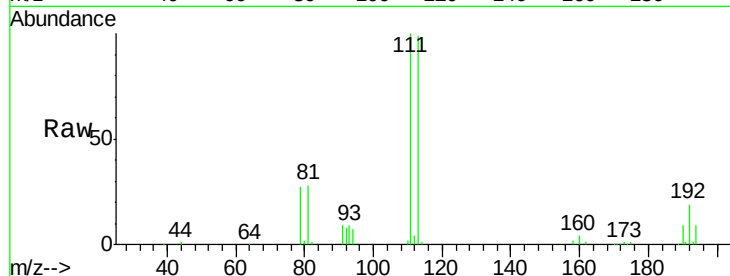




#35
Dibromofluoromethane
Concen: 49.78 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

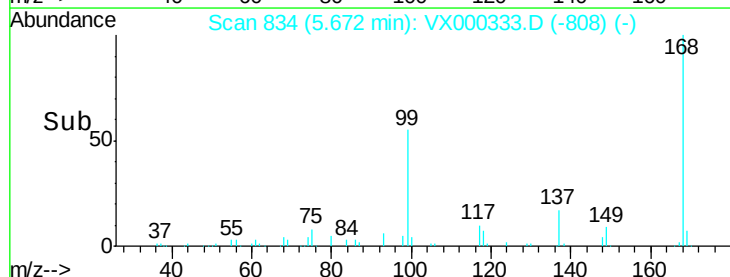
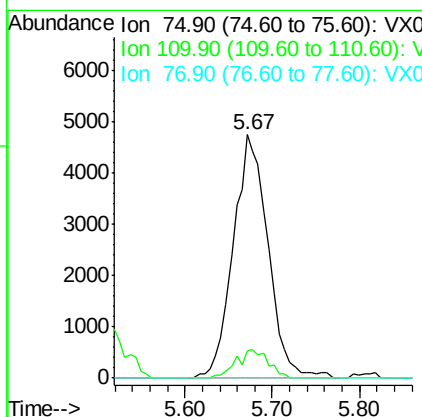
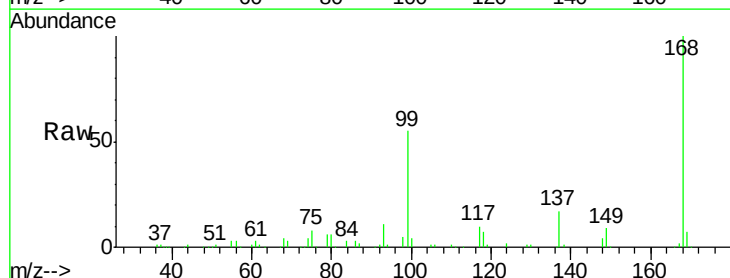
Instrument :
MSVOA_X
ClientSampleId :
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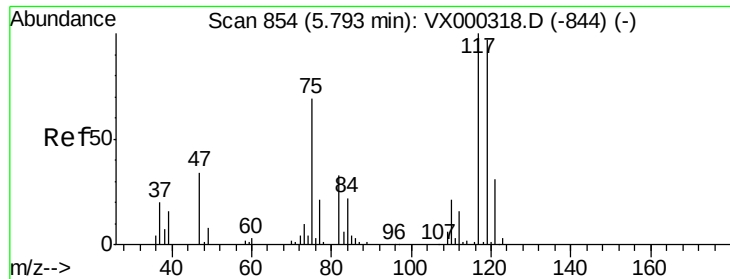
Tgt Ion:113 Resp: 88927
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.8 15.8 23.6



#36
1,1-Dichloropropene
Concen: 5.08 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.14 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

Tgt Ion: 75 Resp: 13077
Ion Ratio Lower Upper
75 100
110 10.7 17.9 53.7#
77 0.0 24.0 36.0#

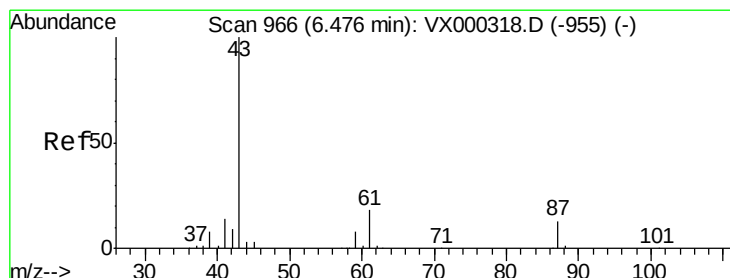
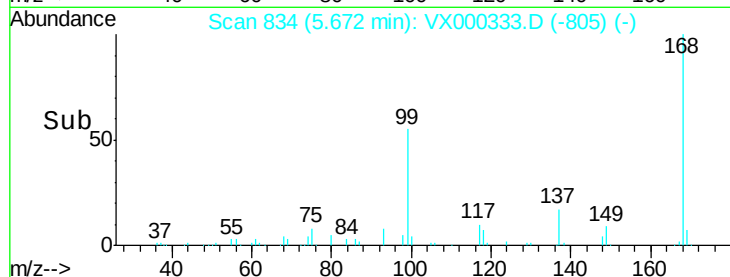
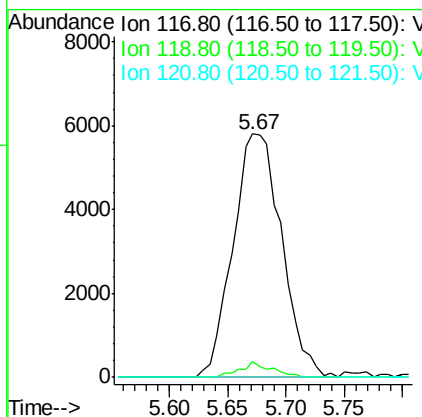
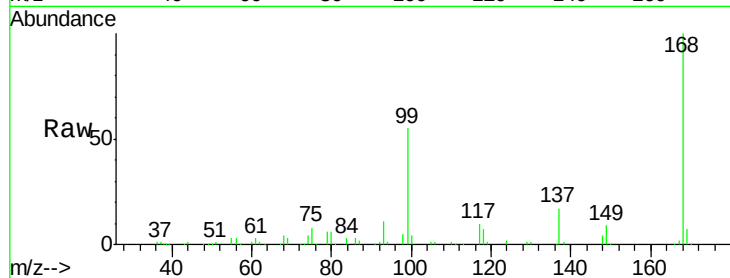




#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

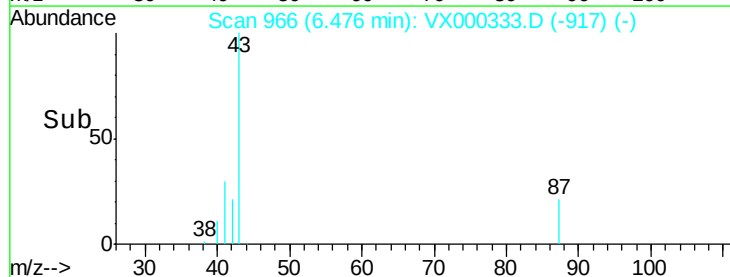
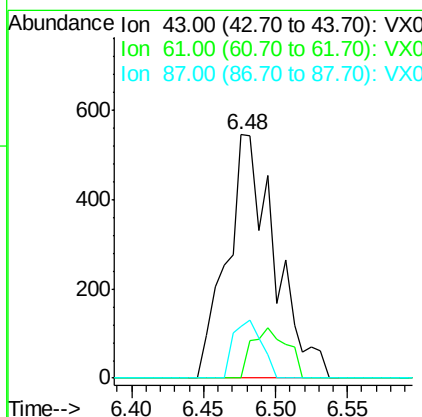
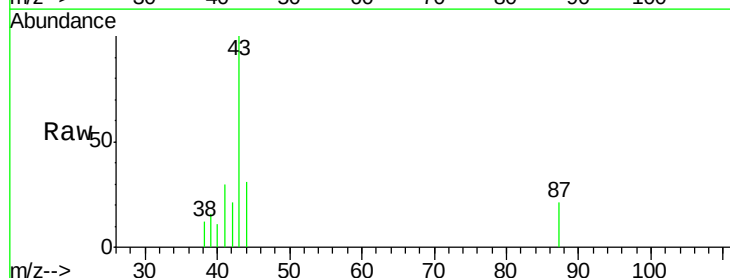
Instrument :
MSVOA_X
ClientSampled :
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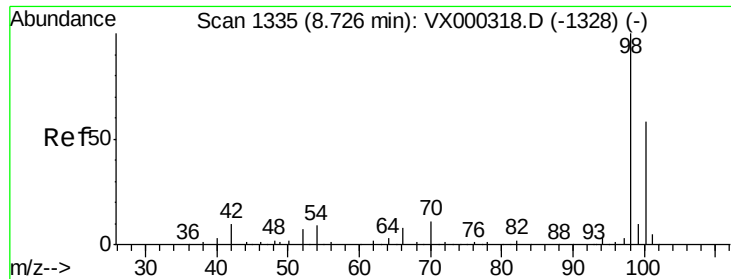
Tgt Ion:117 Resp: 16813
Ion Ratio Lower Upper
117 100
119 6.7 77.4 116.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 0.26 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
61 15.1 14.4 21.6
87 14.3 11.0 16.4

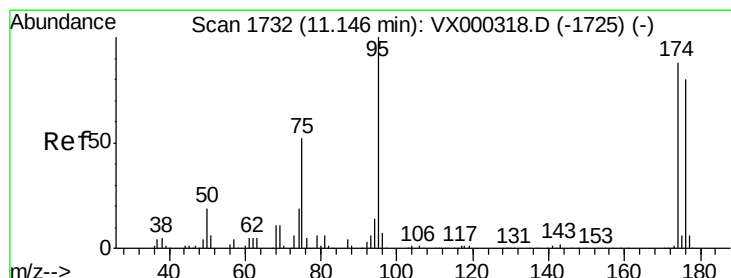
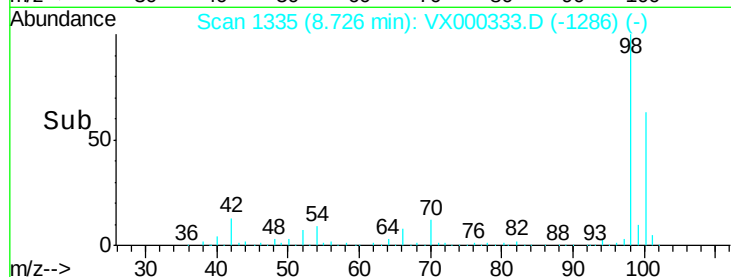
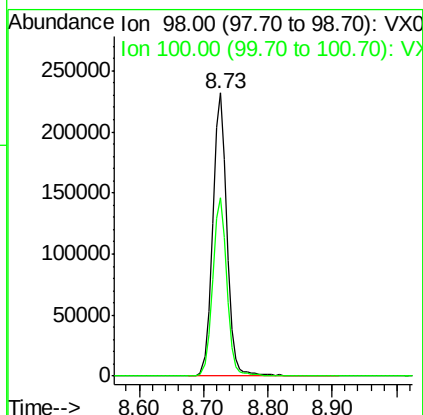
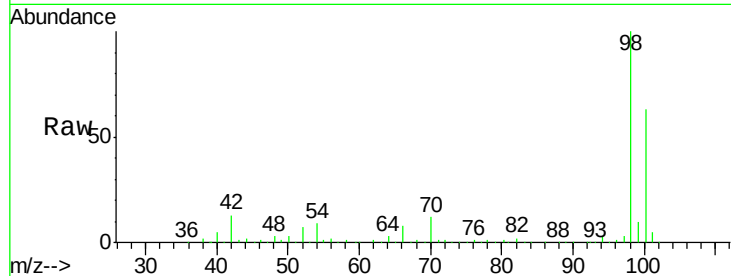




#50
Toluene-d8
Concen: 48.48 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

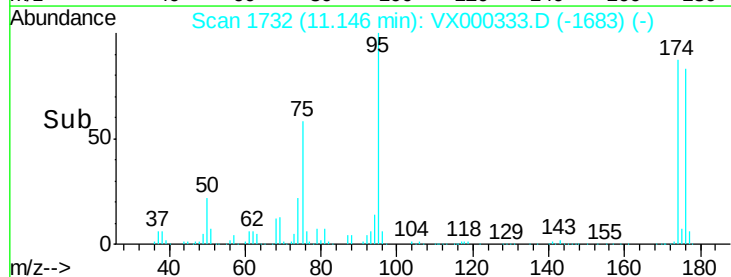
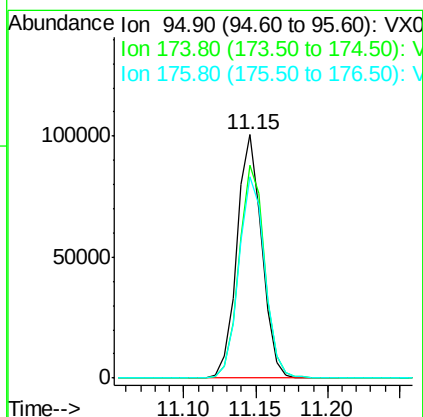
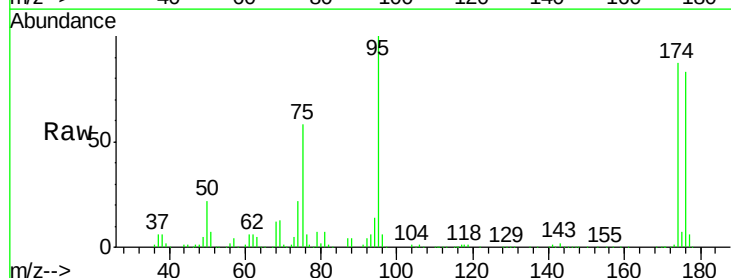
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ClientSampleId :
PB107372TB

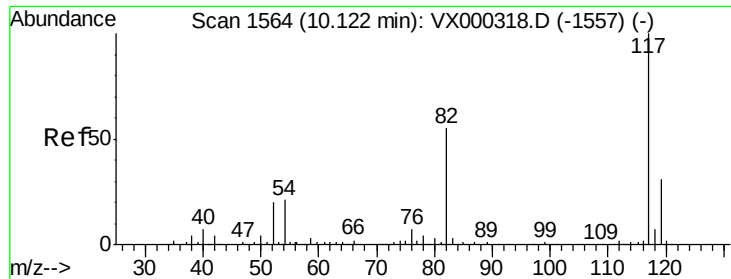
Tgt Ion: 98 Resp: 361242
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 40.57 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000333.D
Acq: 15 Mar 2018 17:10

Tgt Ion: 95 Resp: 121229
Ion Ratio Lower Upper
95 100
174 89.8 0.0 173.6
176 85.8 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: VX000333.D

Acq: 15 Mar 2018 17:10

Instrument :

MSVOA_X

ClientSampled :

PB107372TB

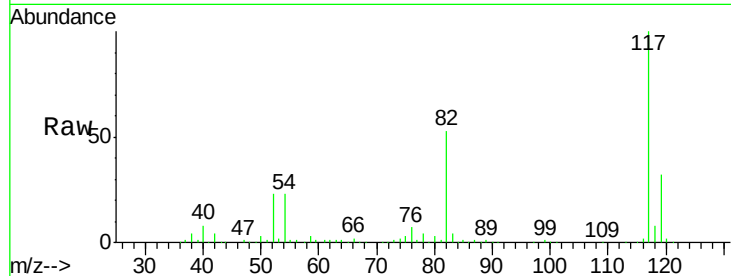
Tgt Ion:117 Resp: 271519

Ion Ratio Lower Upper

117 100

82 52.7 43.8 65.8

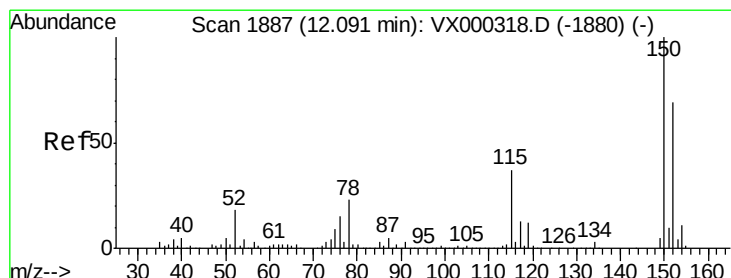
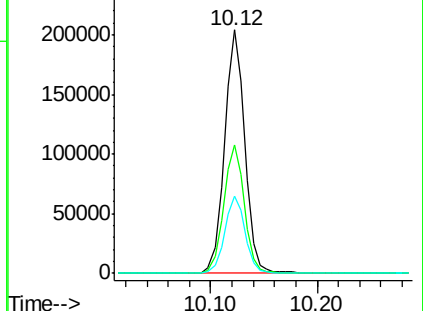
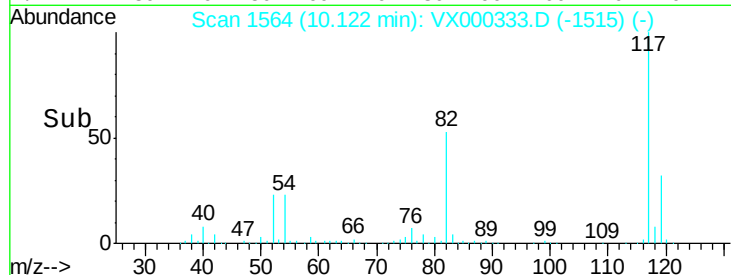
119 31.8 24.9 37.3



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. -0.01 min

Lab File: VX000333.D

Acq: 15 Mar 2018 17:10

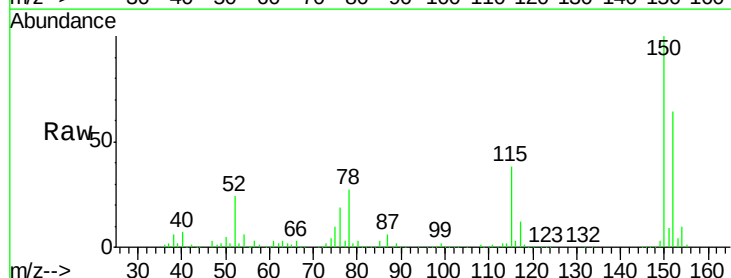
Tgt Ion:152 Resp: 133081

Ion Ratio Lower Upper

152 100

115 56.6 39.8 119.3

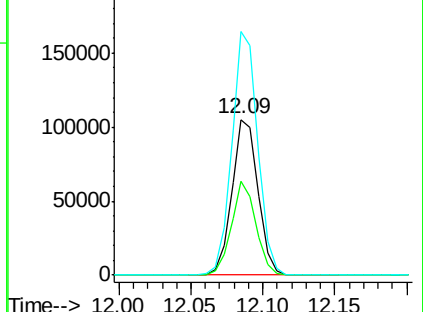
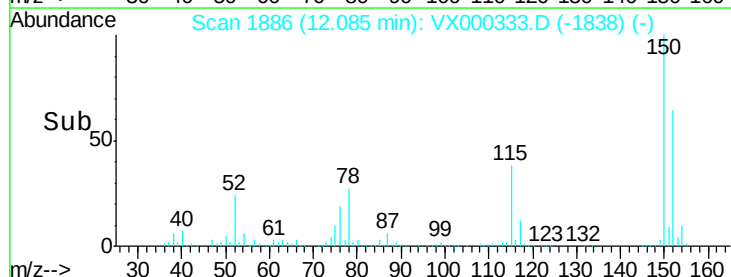
150 155.3 0.0 344.4

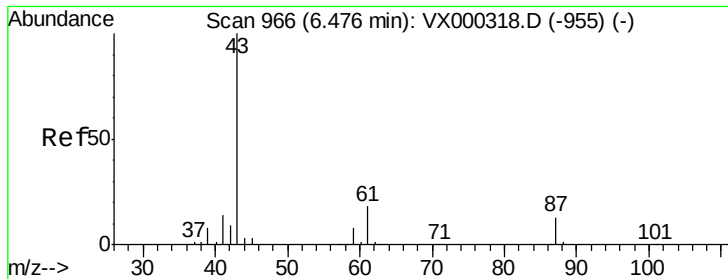


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 0.33 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000333.D

Acq: 15 Mar 2018 17:10

Instrument :

MSVOA_X

ClientSampleId :

PB107372TB

Tgt Ion: 43 Resp: 1262

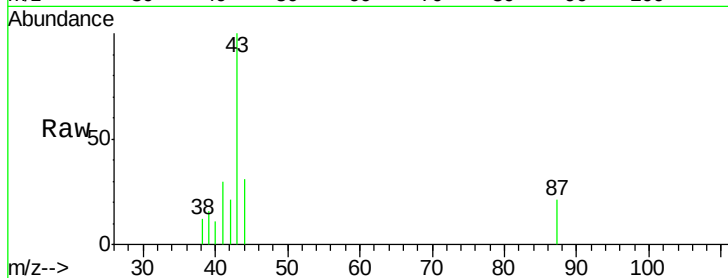
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 15.1 14.4 21.6



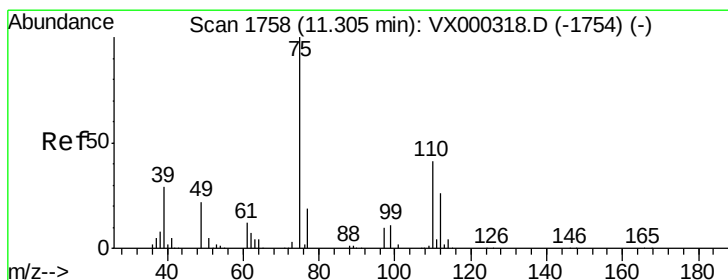
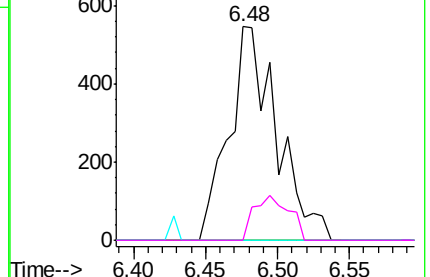
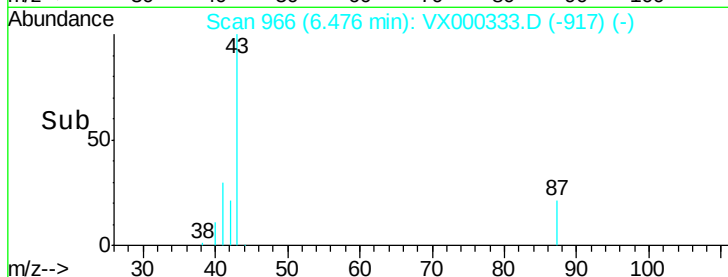
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.12 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000333.D

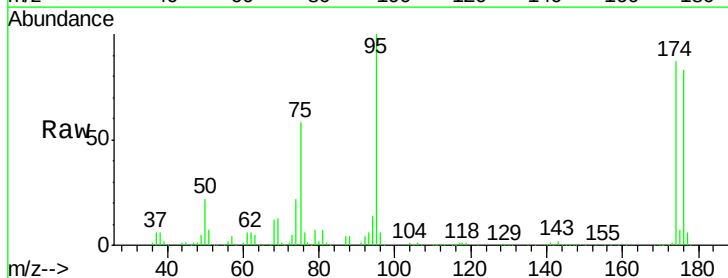
Acq: 15 Mar 2018 17:10

Tgt Ion: 75 Resp: 69784

Ion Ratio Lower Upper

75 100

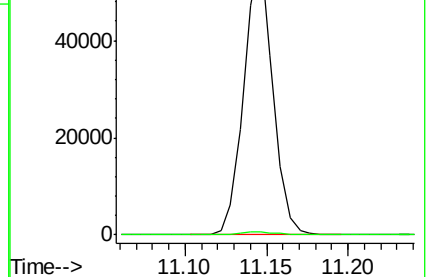
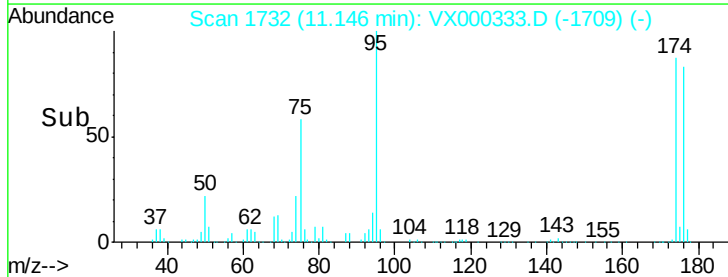
77 1.4 21.4 64.2#

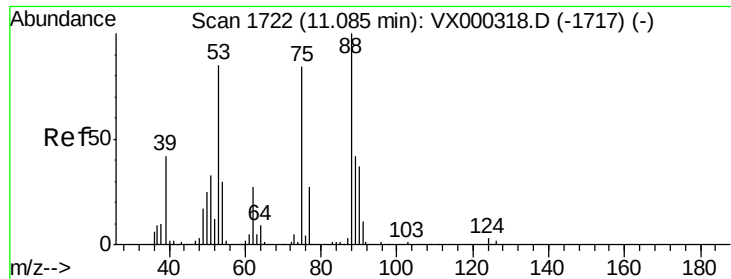


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 77.69 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000333.D

Acq: 15 Mar 2018 17:10

Instrument :

MSVOA_X

ClientSampleId :

PB107372TB

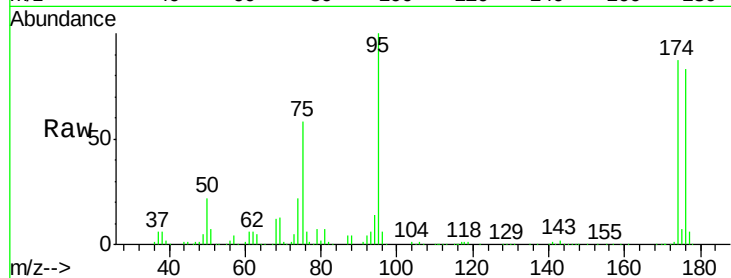
Tgt Ion: 75 Resp: 69784

Ion Ratio Lower Upper

75 100

53 0.1 80.7 121.1#

89 0.1 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

