

Data File : VX000518.D
Acq On : 29 Mar 2018 17:41
Operator : JC/MD
Sample : J2097-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LIP-12

Quant Time: Mar 30 06:54:40 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	5.67	168	118456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	215607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	218228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	115565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	85207	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	5.51	113	67809	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.73	98	274827	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.15	95	98703	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	

Target Compounds			Qvalue			
6) Chloroethane	1.72	64	240	Below Cal	#	44
10) Methyl Iodide	2.52	142	52	4.31	ug/l #	37
11) Tert butyl alcohol	3.08	59	648	1.22	ug/l #	93
13) Acrolein	2.20	56	24	14.71	ug/l #	13
16) Acetone	2.45	43	978	0.76	ug/l #	75
31) Cyclohexane	5.68	56	3082	1.58	ug/l #	64
36) 1,1-Dichloropropene	5.67	75	9756	4.83	ug/l #	50
38) Carbon Tetrachloride	5.67	117	11478	5.42	ug/l #	14
74) N-amyl acetate	6.50	43	84	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	57034	22.96	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	57034	74.35	ug/l #	9

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

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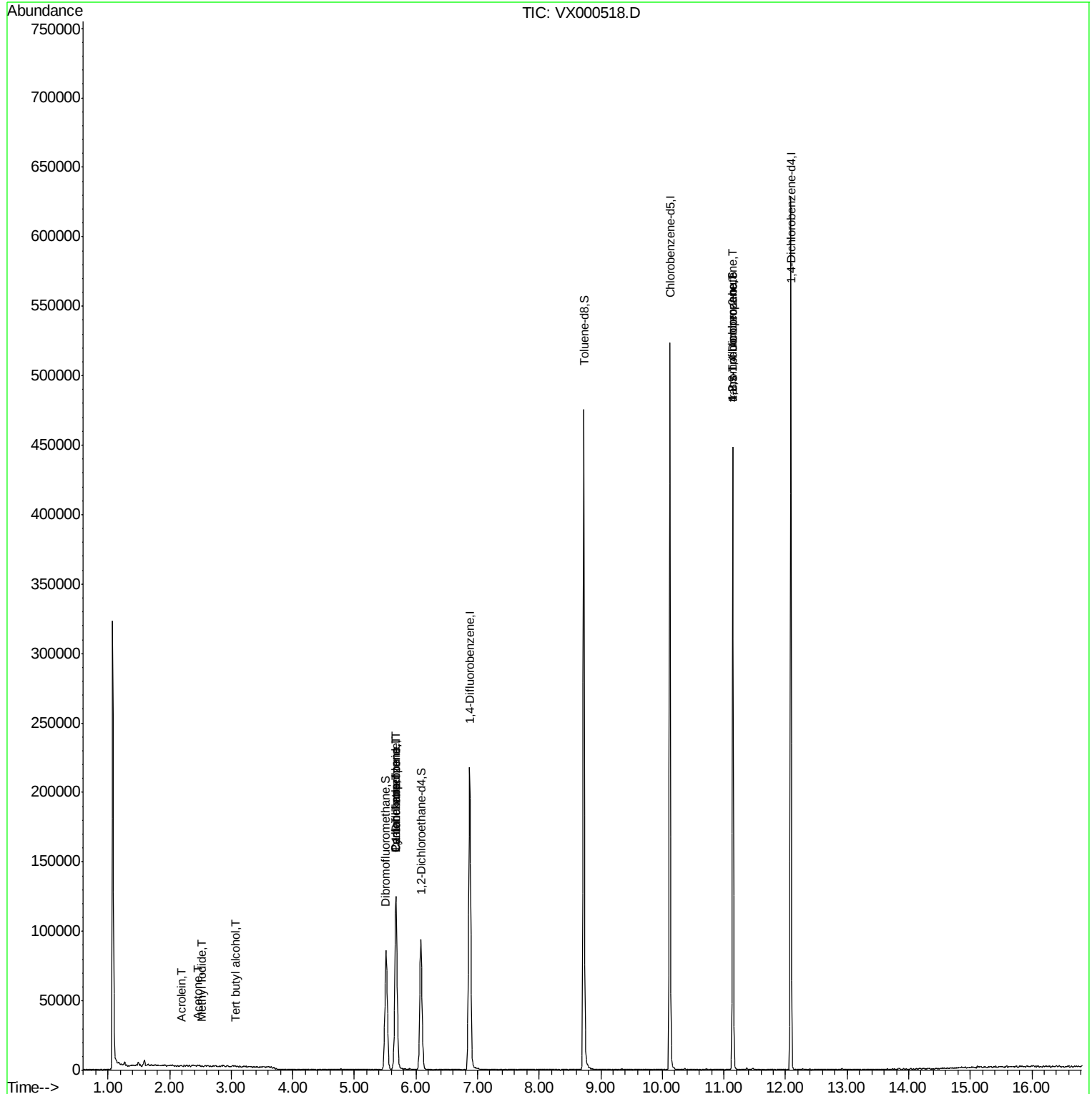
Quant Time: Mar 30 06:54:40 2018

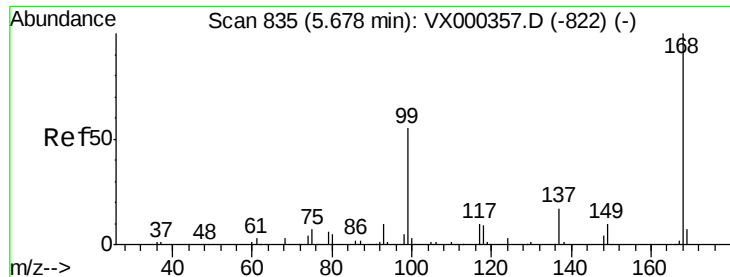
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Wed Mar 21 04:52:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000518.D

Acq: 29 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

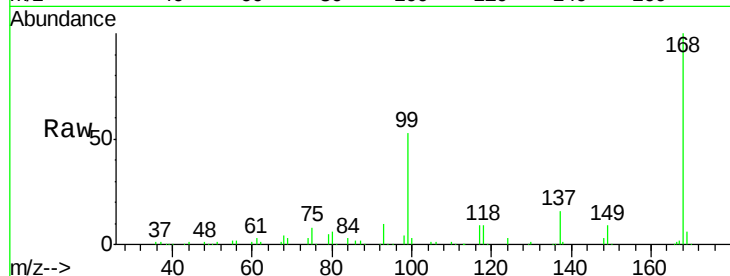
LIP-12

Tgt Ion:168 Resp: 118456

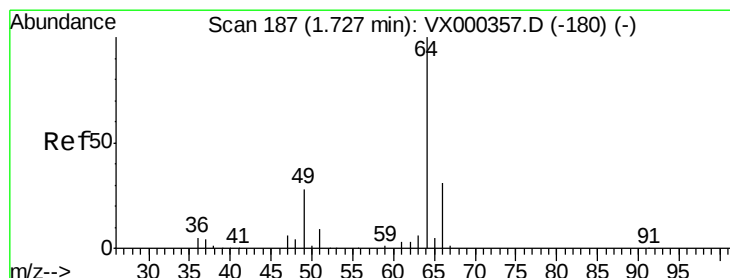
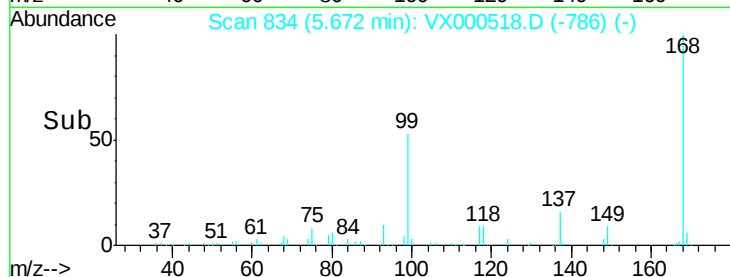
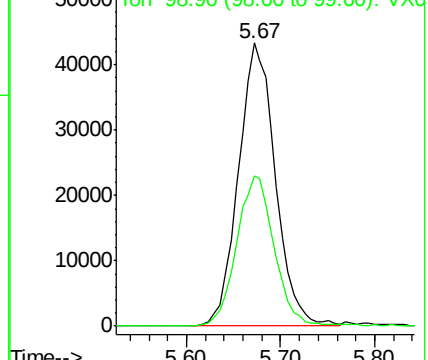
Ion Ratio Lower Upper

168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VX000357.D (-822) (-)



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000518.D

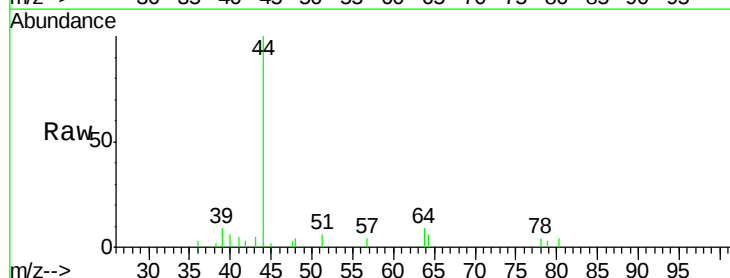
Acq: 29 Mar 2018 17:41

Tgt Ion: 64 Resp: 240

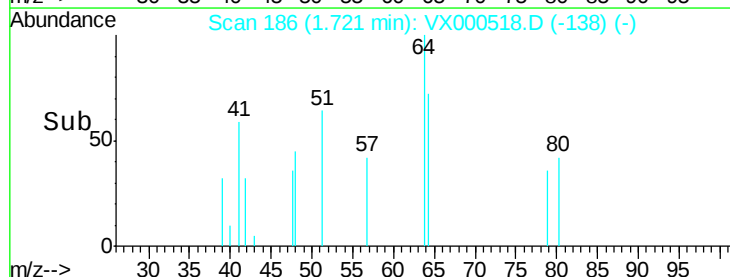
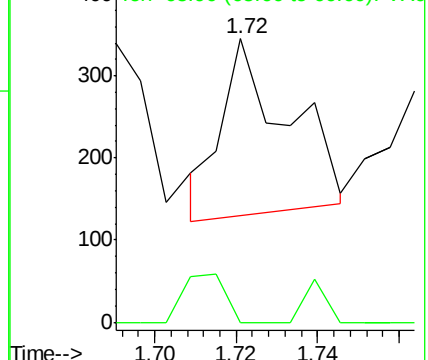
Ion Ratio Lower Upper

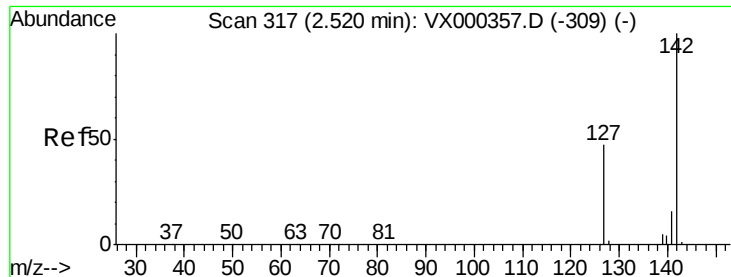
64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX000357.D (-180) (-)

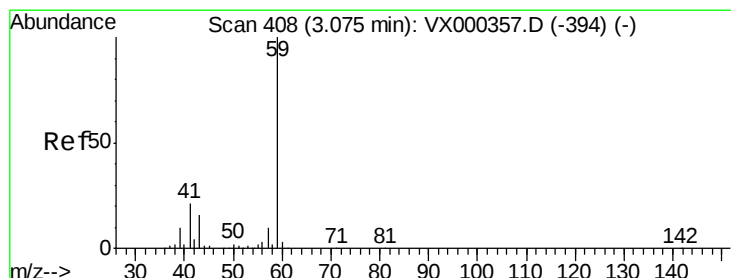
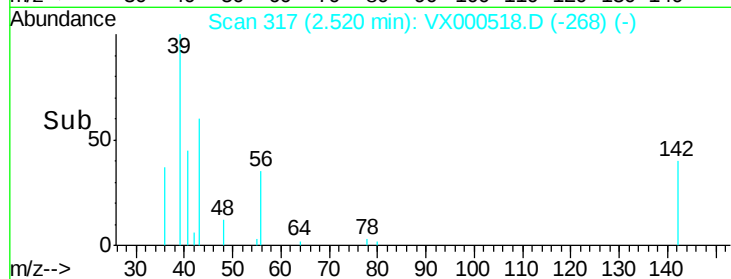
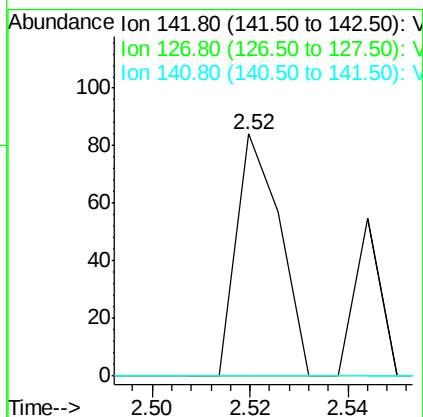
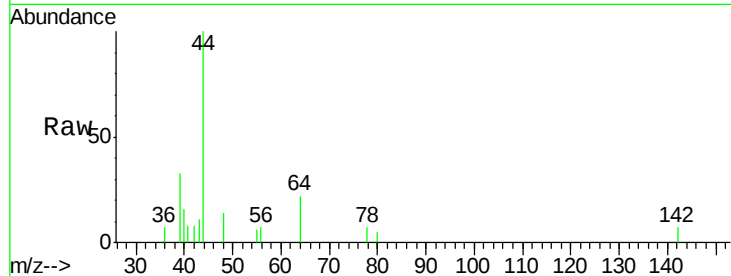




#10
Methyl Iodide
Concen: 4.31 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000518.D
Acq: 29 Mar 2018 17:41

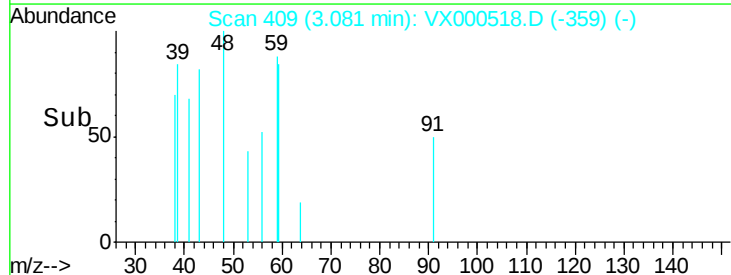
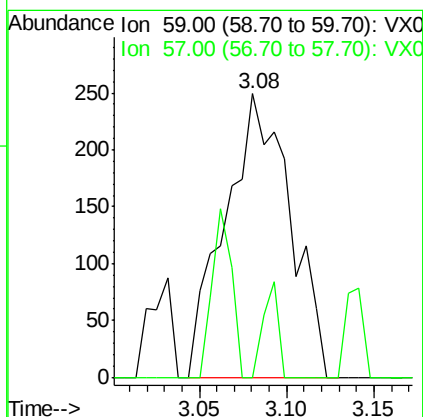
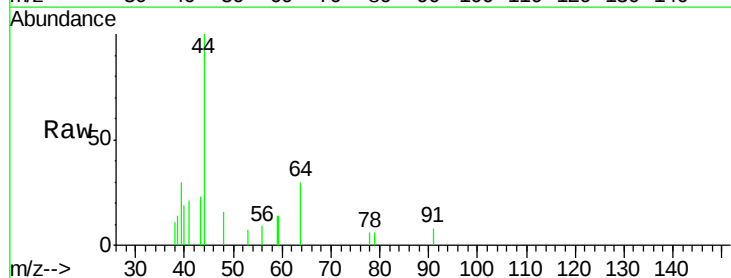
Instrument :
MSVOA_X
ClientSampled :
LIP-12

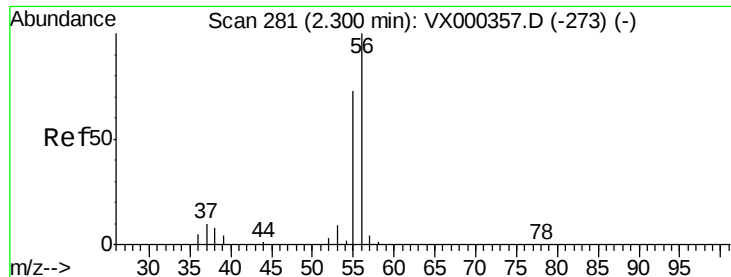
Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: 1.22 ug/l
RT: 3.08 min Scan# 408
Delta R.T. 0.01 min
Lab File: VX000518.D
Acq: 29 Mar 2018 17:41

Tgt Ion: 59 Resp: 648
Ion Ratio Lower Upper
59 100
57 7.9 8.4 12.6#





#13

Acrolein

Concen: 14.71 ug/l

RT: 2.20 min Scan# 265

Delta R.T. -0.10 min

Lab File: VX000518.D

Acq: 29 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampled :

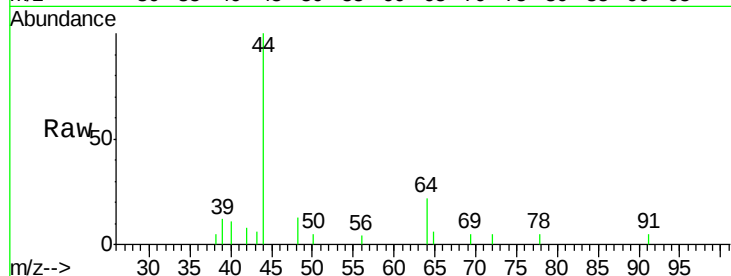
LIP-12

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

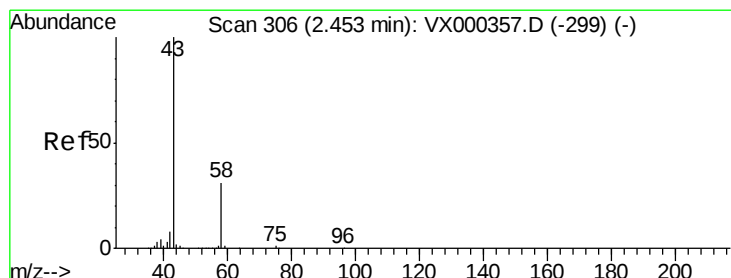
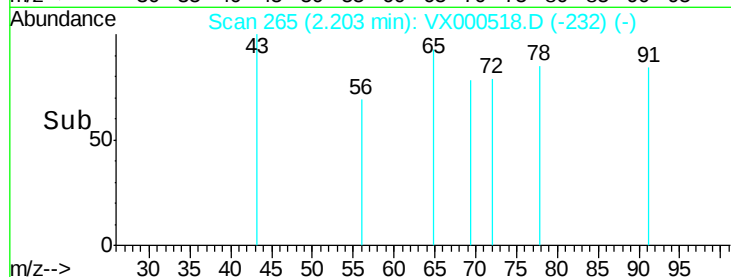
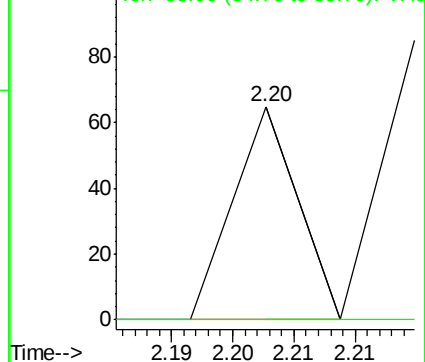
56 100

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: 0.76 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000518.D

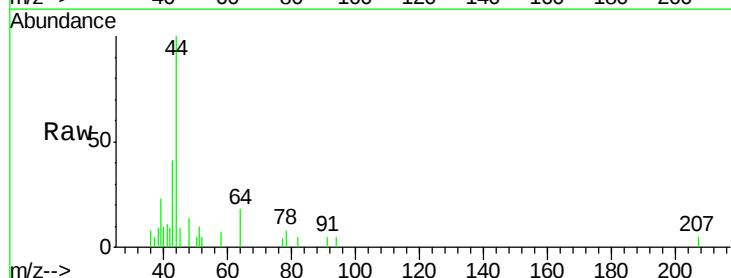
Acq: 29 Mar 2018 17:41

Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

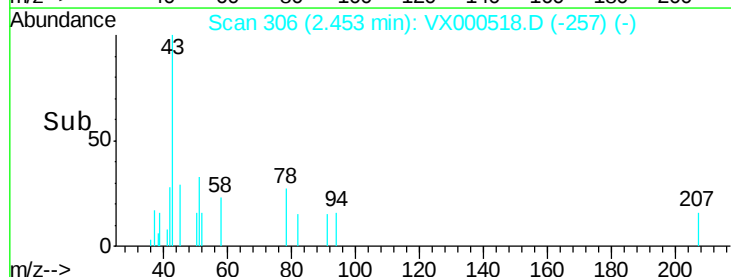
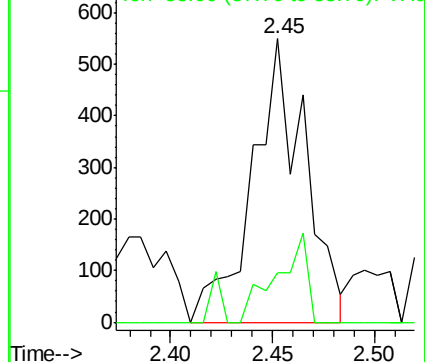
43 100

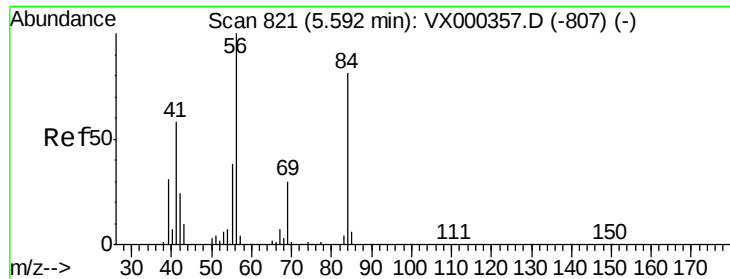
58 17.3 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

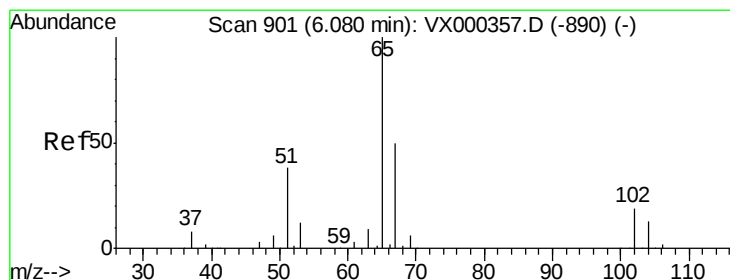
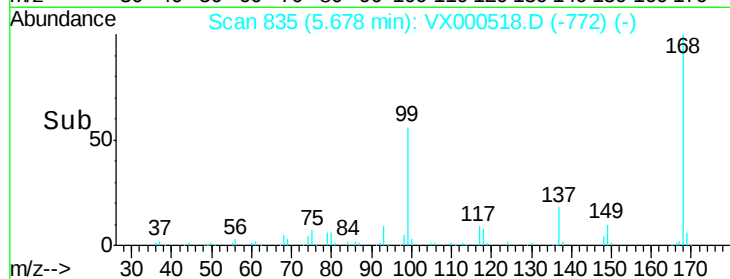
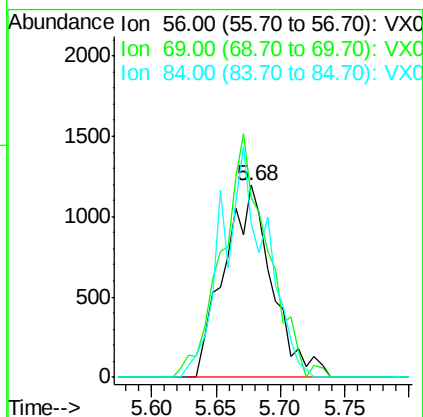
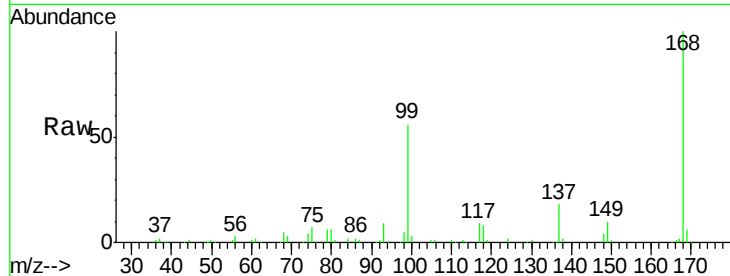




#31
Cyclohexane
Concen: 1.58 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX000518.D
Acq: 29 Mar 2018 17:41

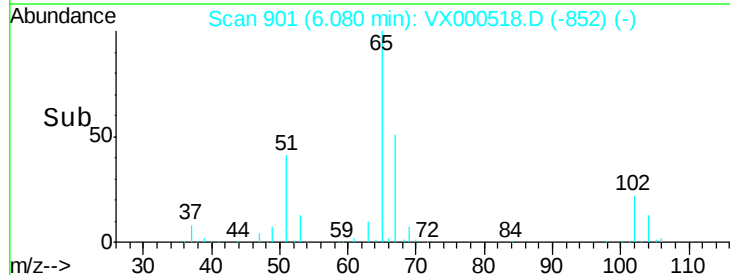
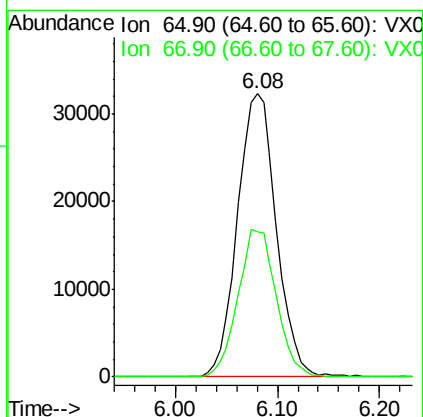
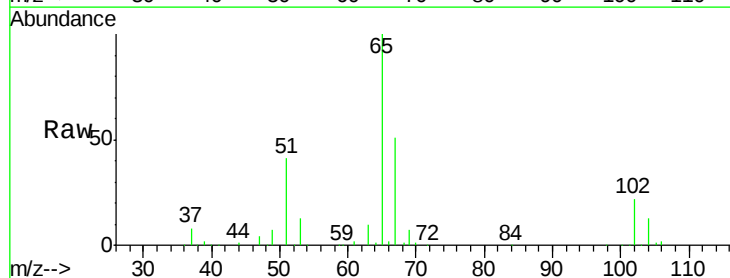
Instrument :
MSVOA_X
ClientSampleId :
LIP-12

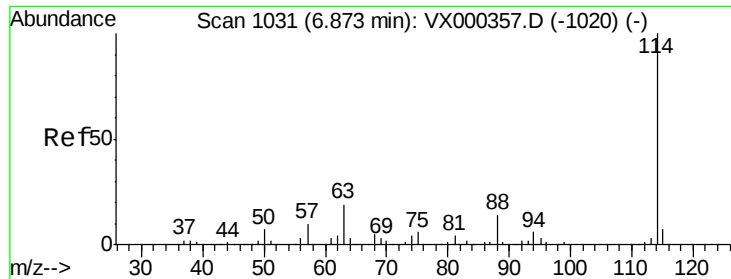
Tgt Ion: 56 Resp: 3082
Ion Ratio Lower Upper
56 100
69 93.4 23.4 35.0#
84 80.6 71.0 106.4



#33
1,2-Dichloroethane-d4
Concen: 55.11 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000518.D
Acq: 29 Mar 2018 17:41

Tgt Ion: 65 Resp: 85207
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2

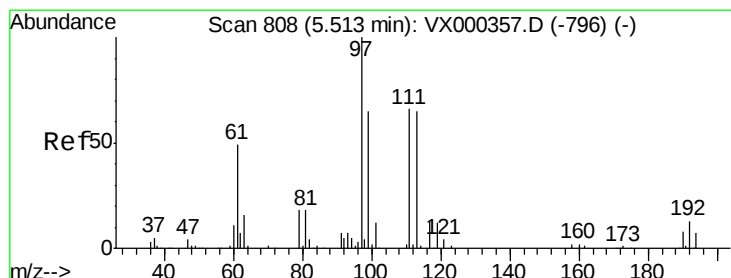
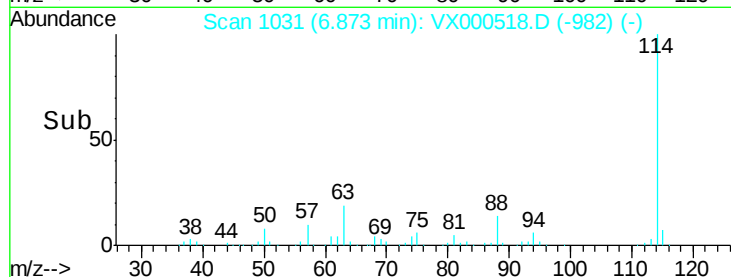
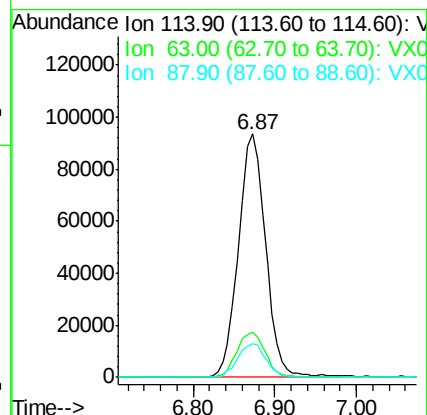
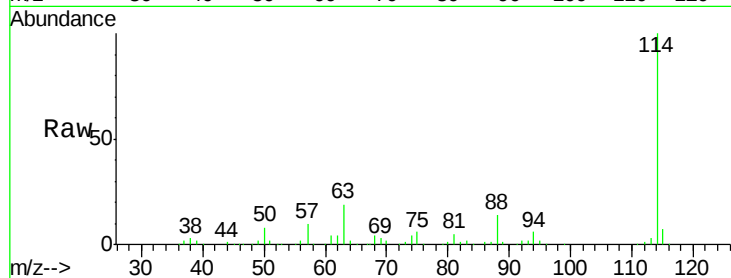




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000518.D
 Acq: 29 Mar 2018 17:41

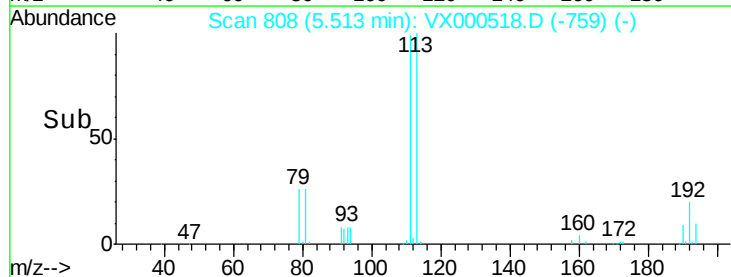
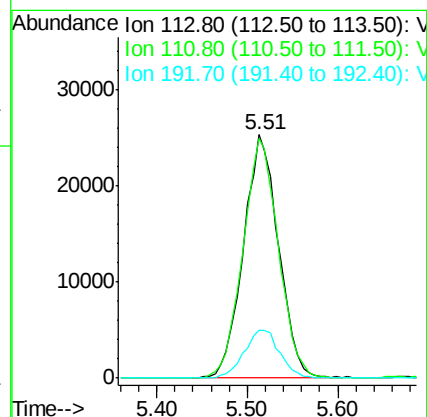
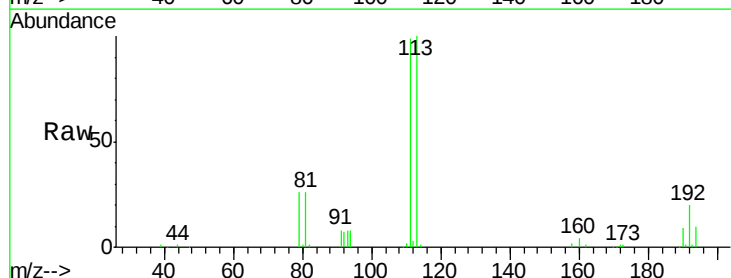
Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-12

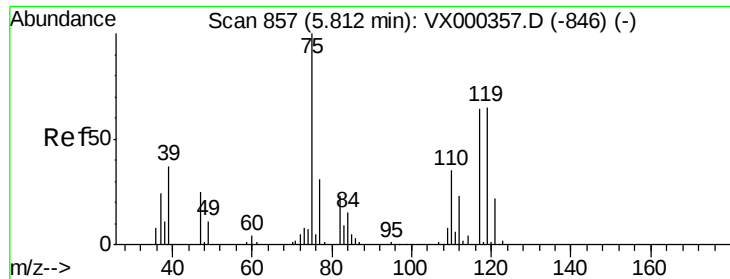
Tgt Ion:114 Resp: 215607
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 14.1 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 49.91 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000518.D
 Acq: 29 Mar 2018 17:41

Tgt Ion:113 Resp: 67809
 Ion Ratio Lower Upper
 113 100
 111 99.6 82.4 123.6
 192 19.9 15.8 23.6

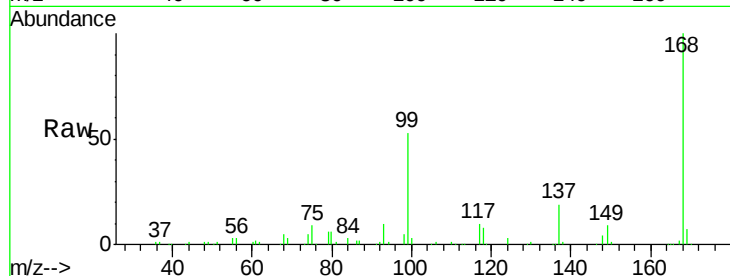




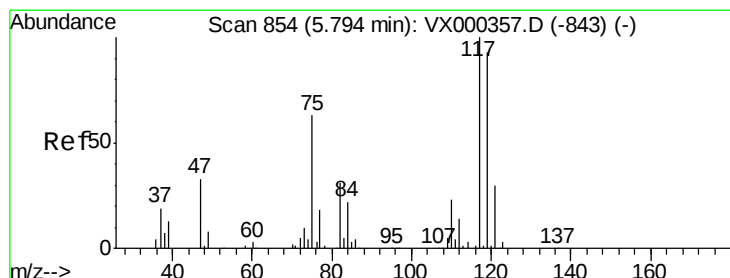
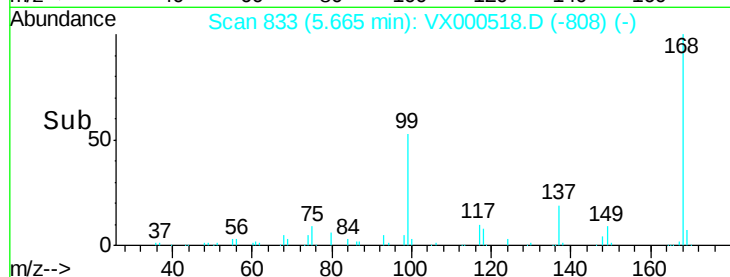
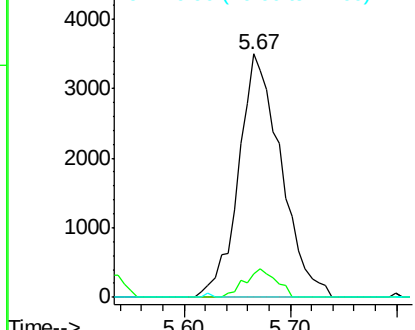
#36
 1,1-Dichloropropene
 Concen: 4.83 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.15 min
 Lab File: VX000518.D
 Acq: 29 Mar 2018 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-12

Tgt Ion: 75 Resp: 9756
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.9 53.7#
 77 0.0 24.0 36.0#

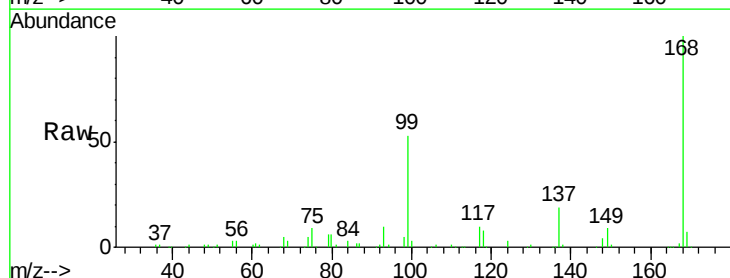


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

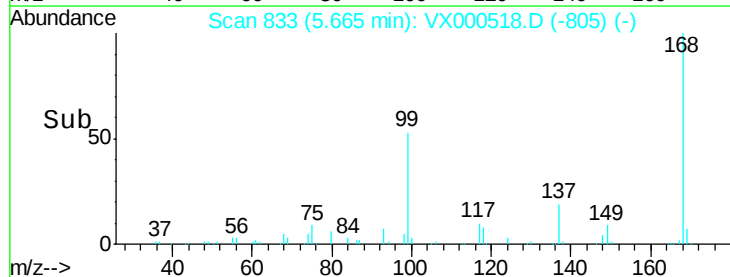
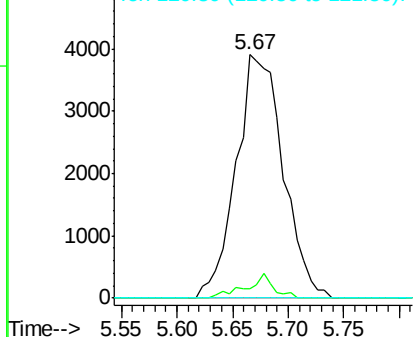


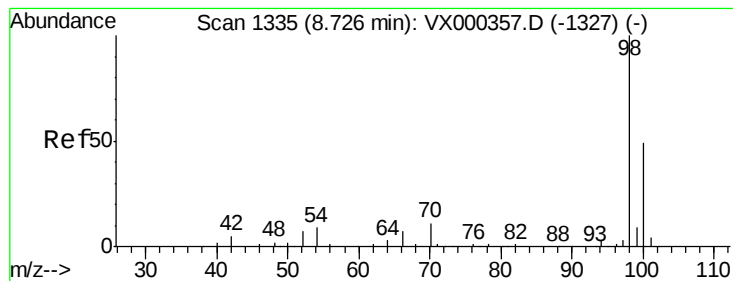
#38
 Carbon Tetrachloride
 Concen: 5.42 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX000518.D
 Acq: 29 Mar 2018 17:41

Tgt Ion: 117 Resp: 11478
 Ion Ratio Lower Upper
 117 100
 119 3.7 77.4 116.2#
 121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.85 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000518.D

Acq: 29 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

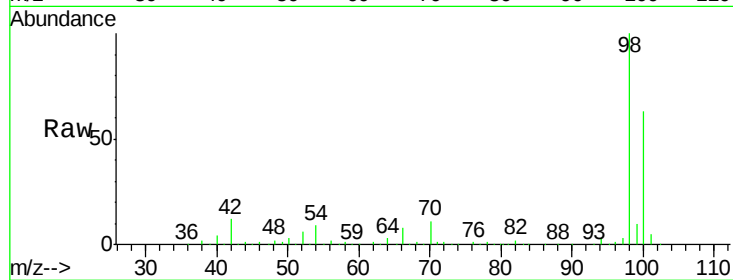
LIP-12

Tgt Ion: 98 Resp: 274827

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

200000

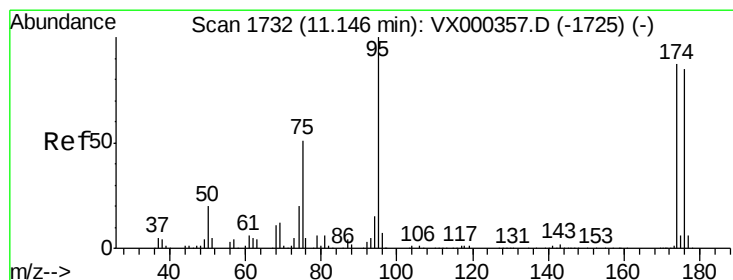
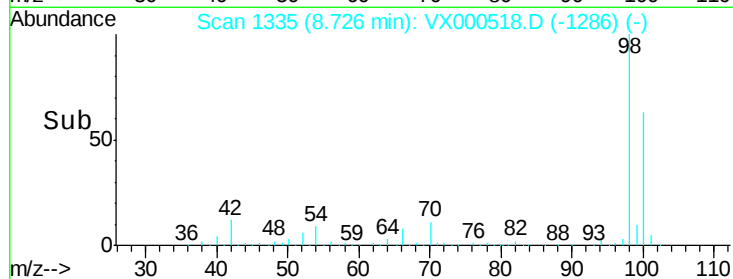
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000518.D

Acq: 29 Mar 2018 17:41

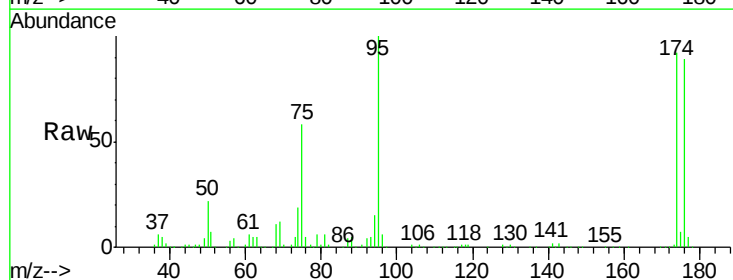
Tgt Ion: 95 Resp: 98703

Ion Ratio Lower Upper

95 100

174 91.3 0.0 173.6

176 89.6 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

100000

80000

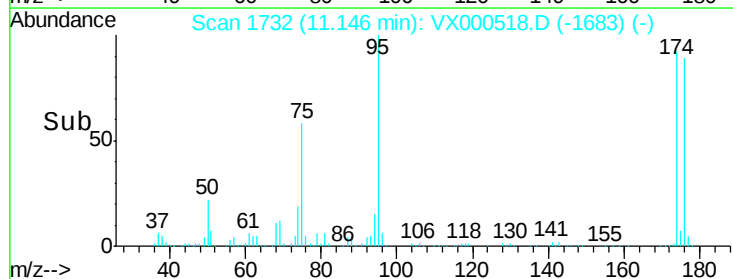
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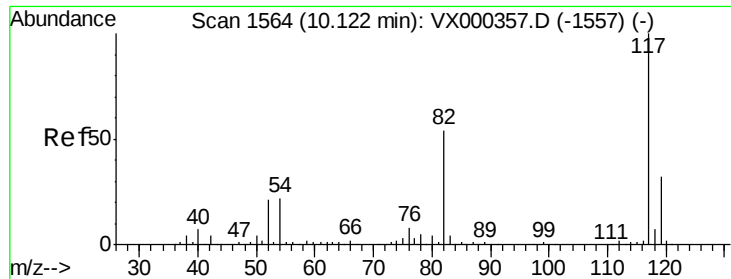
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20000

0

Time-->

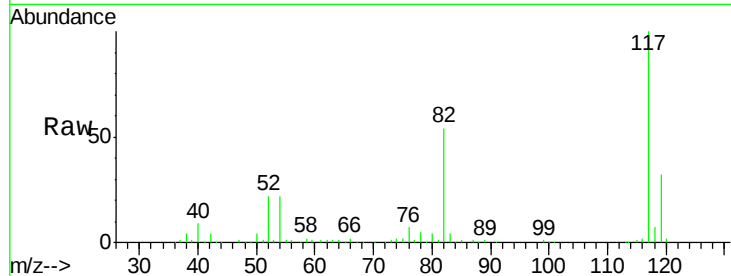




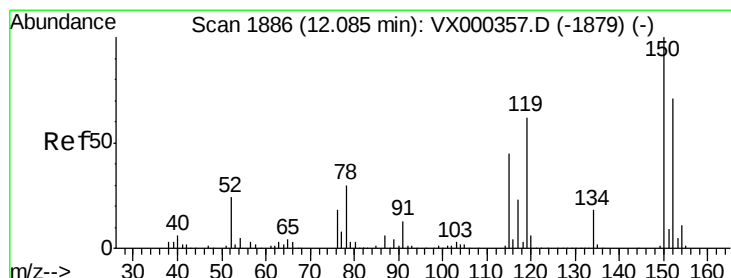
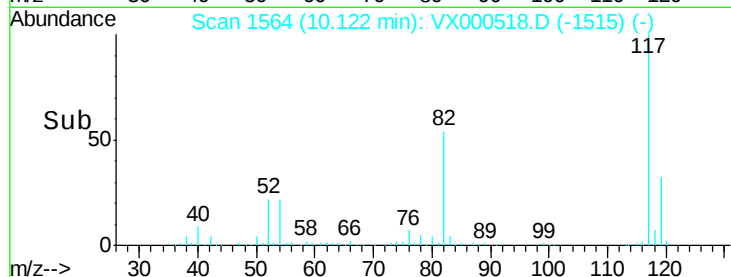
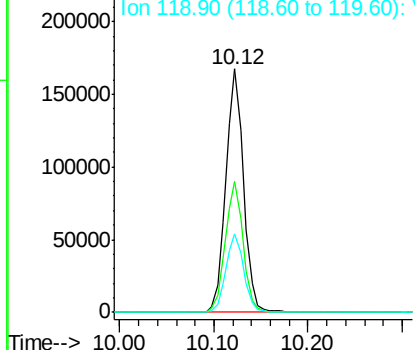
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000518.D
Acq: 29 Mar 2018 17:41

Instrument :
MSVOA_X
ClientSampled :
LIP-12

Tgt Ion:117 Resp: 218228
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 32.4 24.9 37.3

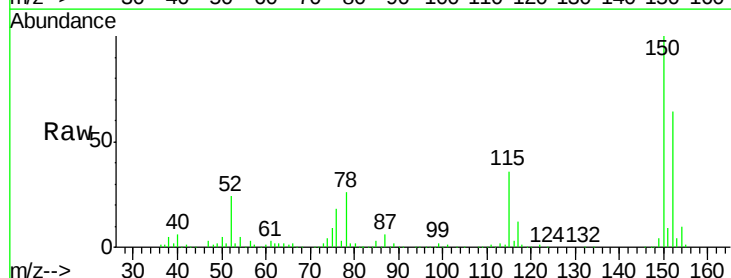


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

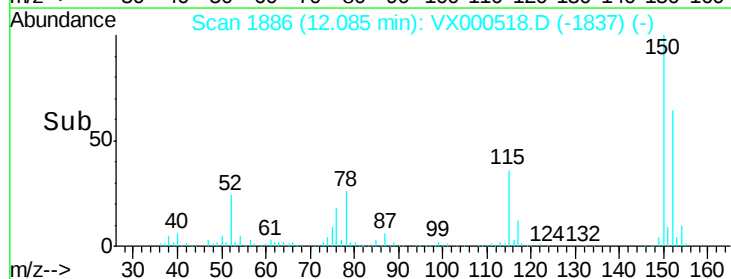
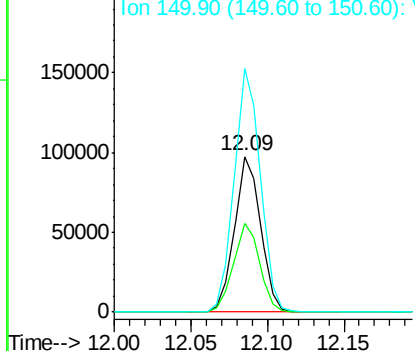


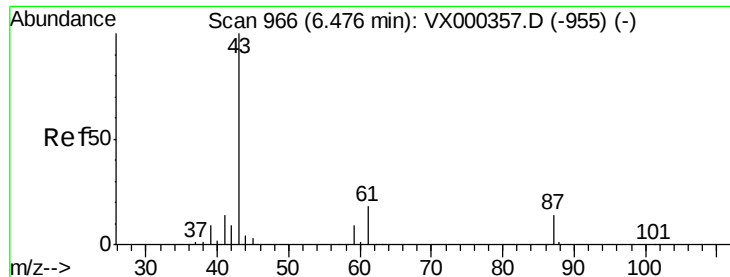
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000518.D
Acq: 29 Mar 2018 17:41

Tgt Ion:152 Resp: 115565
Ion Ratio Lower Upper
152 100
115 57.0 39.8 119.3
150 156.6 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: Below Cal

RT: 6.50 min Scan# 970

Delta R.T. 0.02 min

Lab File: VX000518.D

Acq: 29 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

LIP-12

Tgt Ion: 43 Resp: 84

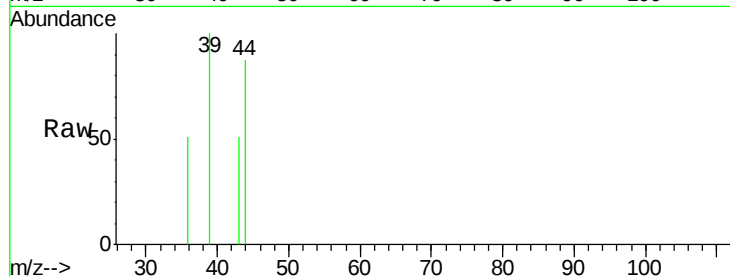
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

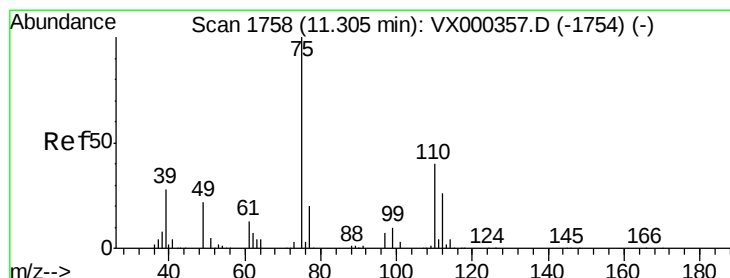
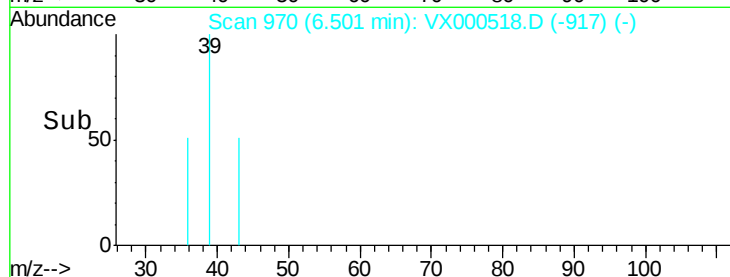
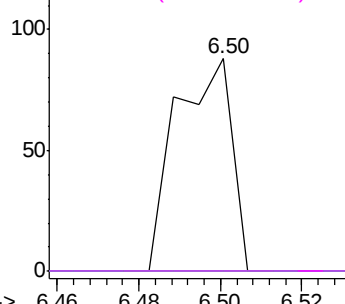


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.96 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000518.D

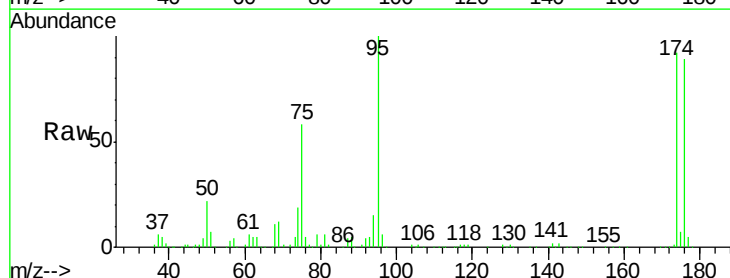
Acq: 29 Mar 2018 17:41

Tgt Ion: 75 Resp: 57034

Ion Ratio Lower Upper

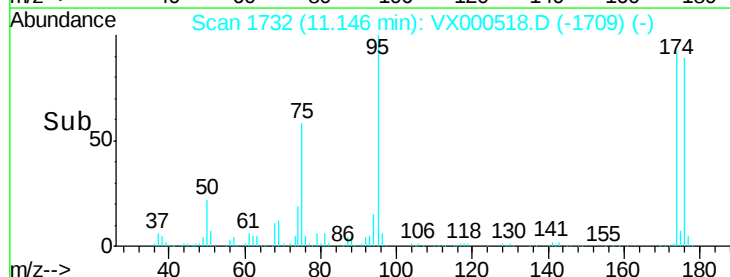
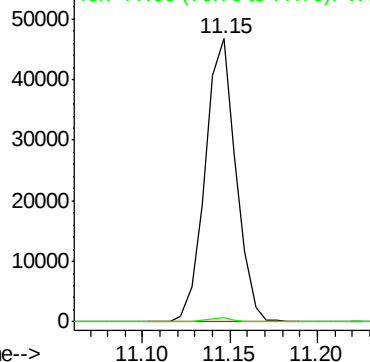
75 100

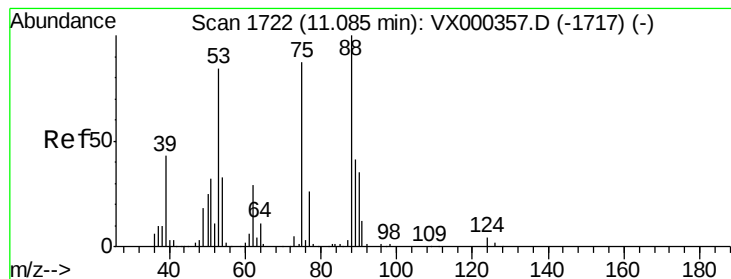
77 1.3 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 74.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000518.D

Acq: 29 Mar 2018 17:41

Instrument :

MSVOA_X

ClientSampleId :

LIP-12

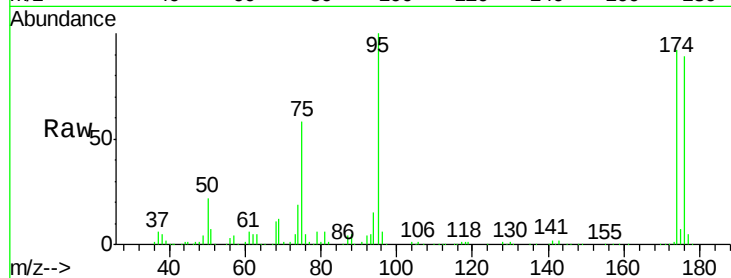
Tgt Ion: 75 Resp: 57034

Ion Ratio Lower Upper

75 100

53 0.0 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

