

Data File : VX000525.D
Acq On : 29 Mar 2018 20:40
Operator : JC/MD
Sample : J2098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LIP-22

Quant Time: Mar 30 06:56:49 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	100719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	184406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	186858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99251	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76440	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	
35) Dibromofluoromethane	5.52	113	58519	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.73	98	237600	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.15	95	83679	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.30	85	244	0.22	ug/l	79
5) Bromomethane	1.66	94	288	0.24	ug/l	# 65
6) Chloroethane	1.75	64	651	Below	Cal	# 44
10) Methyl Iodide	2.53	142	23	4.29	ug/l	# 20
11) Tert butyl alcohol	3.07	59	2194	4.85	ug/l	98
13) Acrolein	2.30	56	58	14.96	ug/l	# 13
16) Acetone	2.45	43	909	0.83	ug/l	# 82
19) Methyl tert-butyl Ether	3.21	73	3838	0.95	ug/l	# 86
36) 1,1-Dichloropropene	5.68	75	7943	4.60	ug/l	# 51
38) Carbon Tetrachloride	5.68	117	10232	5.65	ug/l	# 15
74) N-amyl acetate	6.47	43	40	Below	Cal	# 59
76) 1,2,3-Trichloropropane	11.15	75	46562	21.83	ug/l	# 36
81) trans-1,4-Dichloro-2-buten	11.15	75	46562	70.67	ug/l	# 9

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

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MSVOA_X
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LIP-22

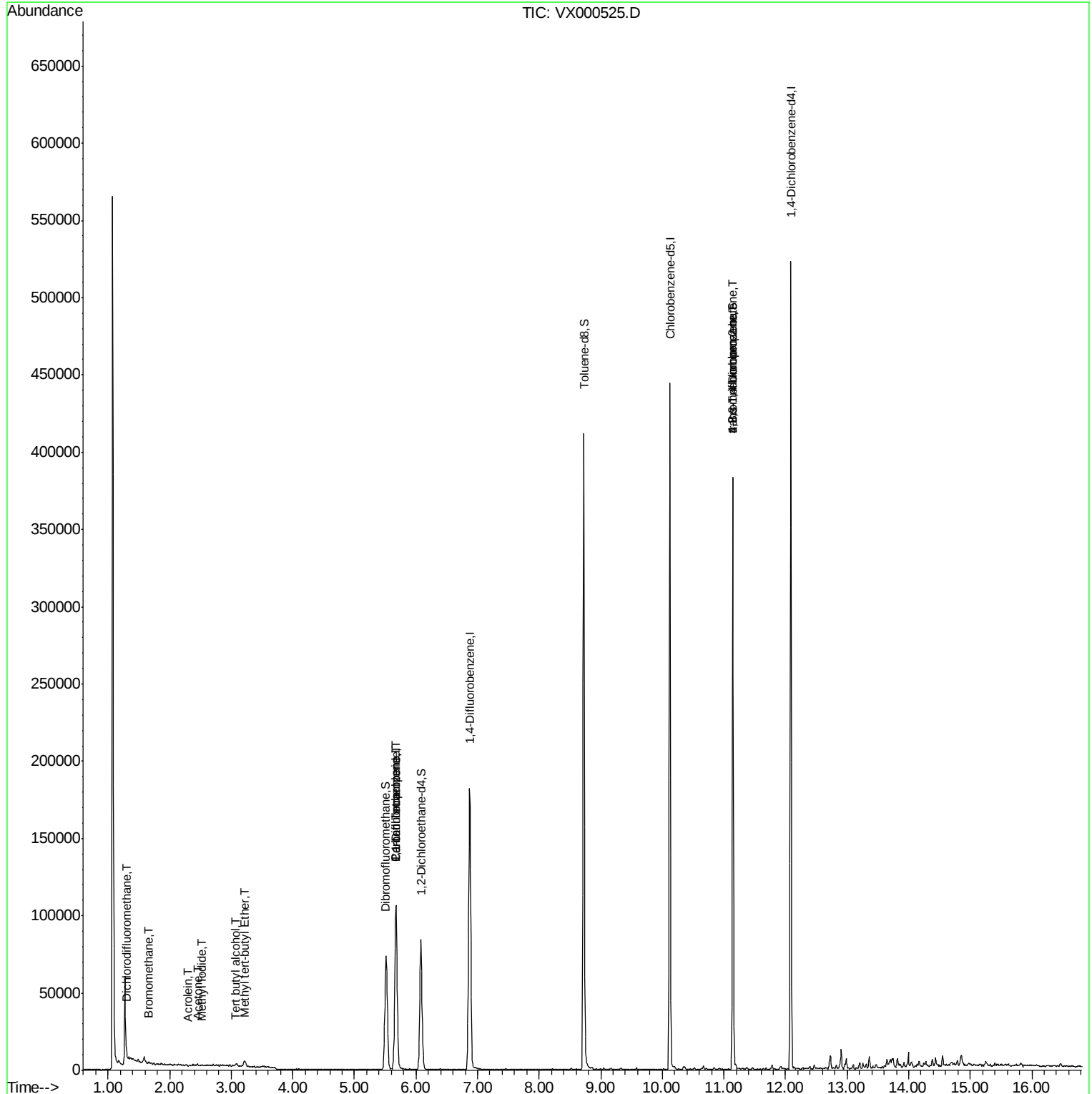
Quant Time: Mar 30 06:56:49 2018

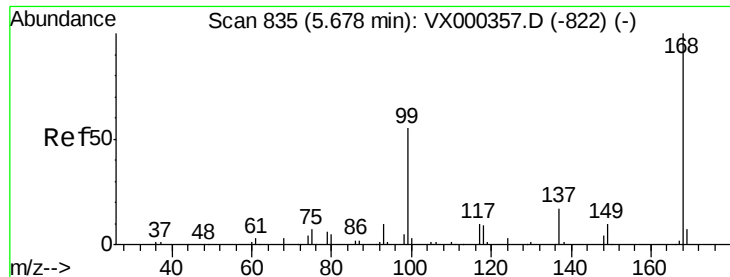
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

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

Response via : Initial Calibration

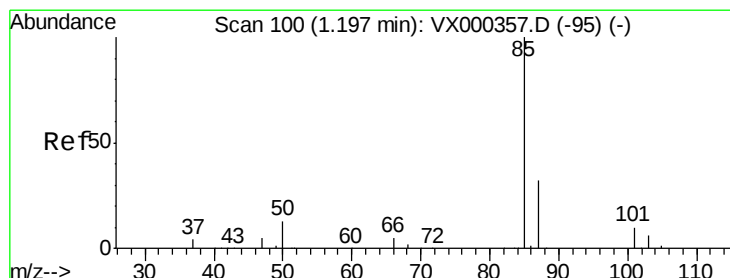
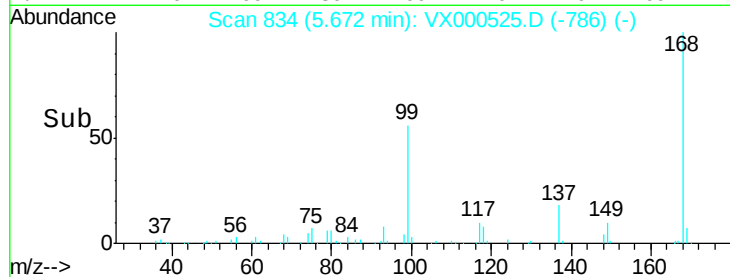
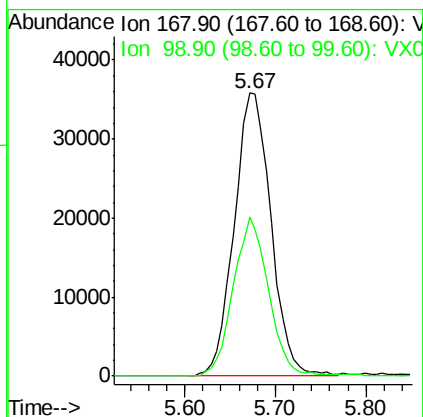
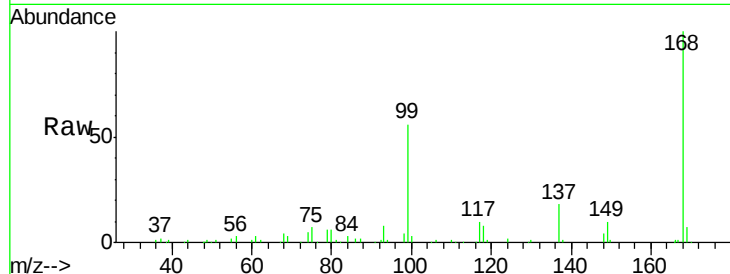




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

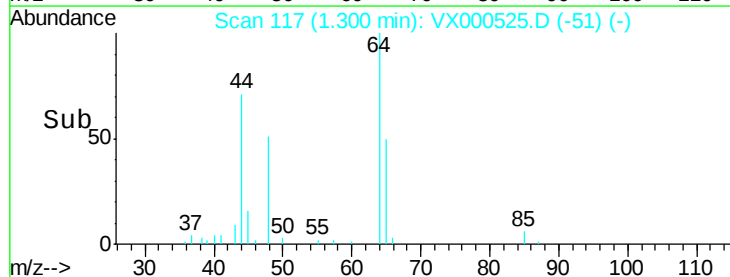
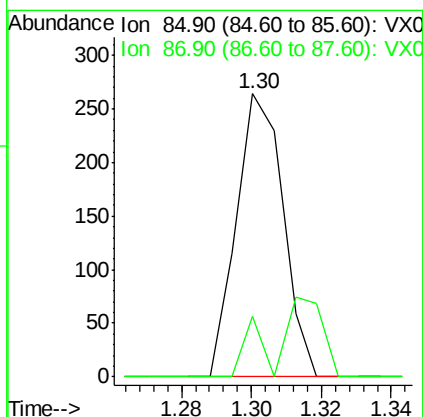
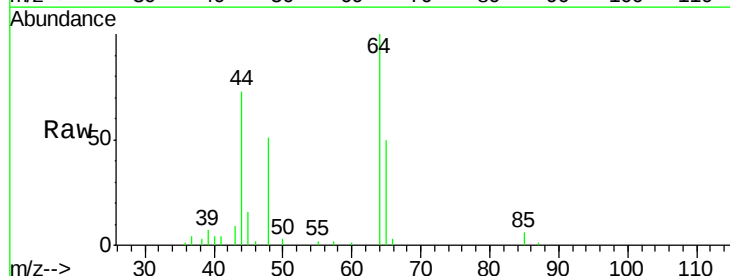
Instrument :
MSVOA_X
ClientSampled :
LIP-22

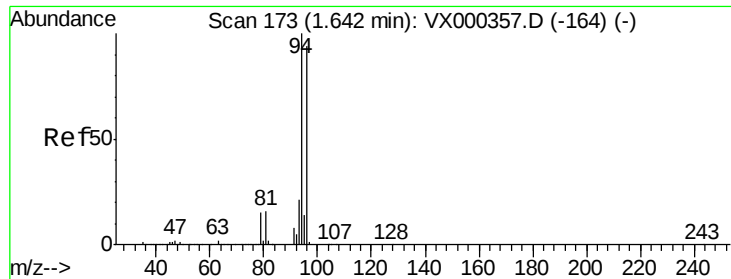
Tgt Ion: 168 Resp: 100719
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.30 min Scan# 117
Delta R.T. 0.10 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

Tgt Ion: 85 Resp: 244
Ion Ratio Lower Upper
85 100
87 21.6 16.8 50.3





#5

Bromomethane

Concen: 0.24 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000525.D

Acq: 29 Mar 2018 20:40

Instrument :

MSVOA_X

ClientSampled :

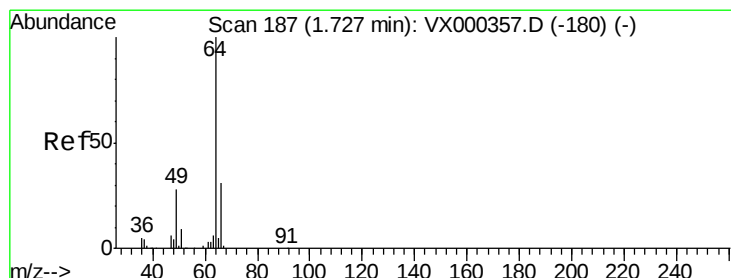
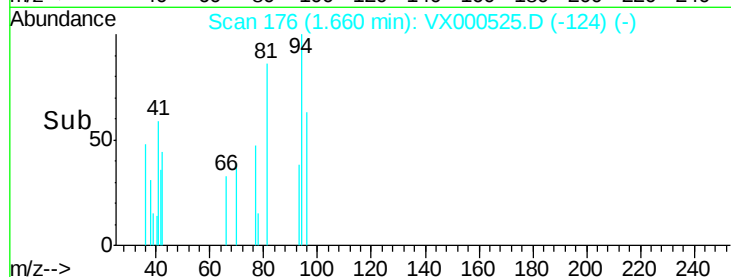
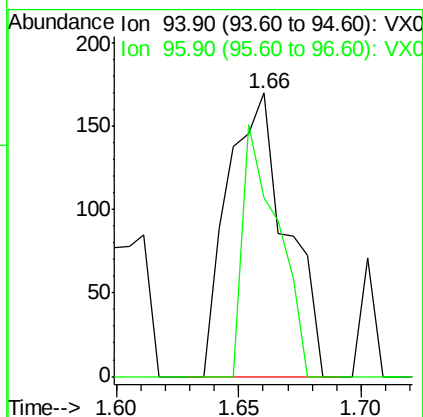
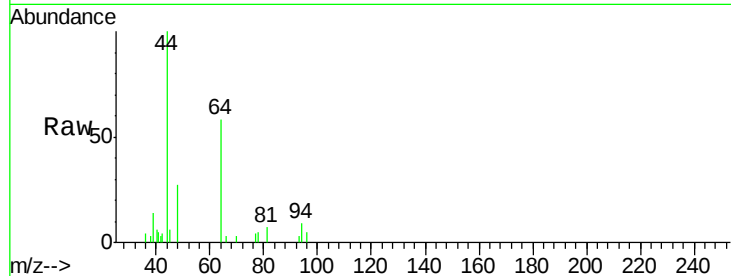
LIP-22

Tgt Ion: 94 Resp: 288

Ion Ratio Lower Upper

94 100

96 62.9 77.7 116.5#



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX000525.D

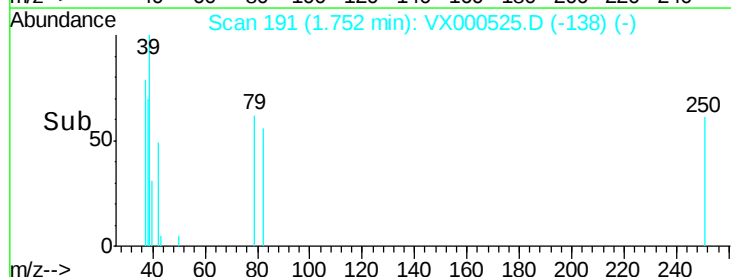
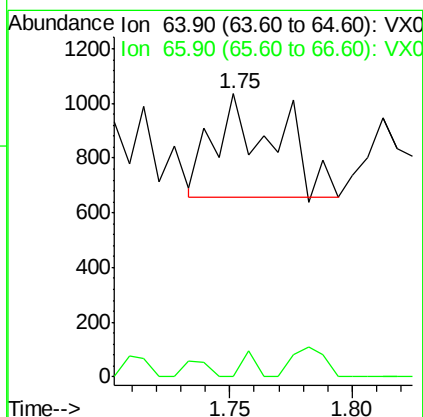
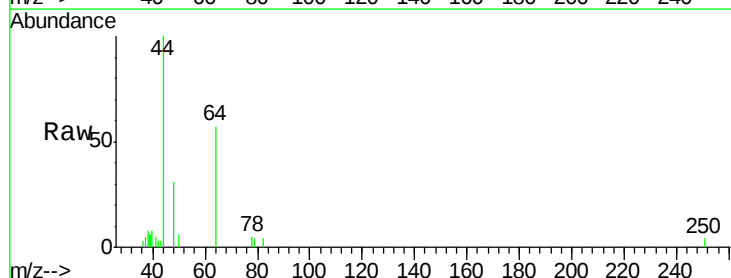
Acq: 29 Mar 2018 20:40

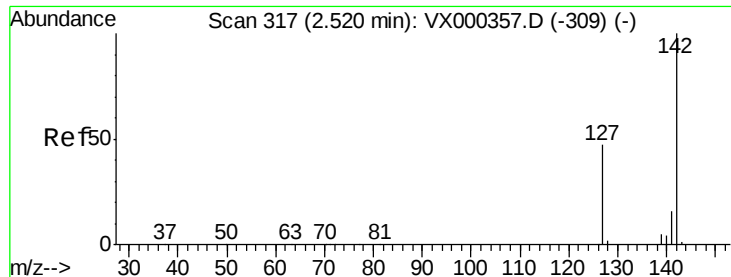
Tgt Ion: 64 Resp: 651

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#

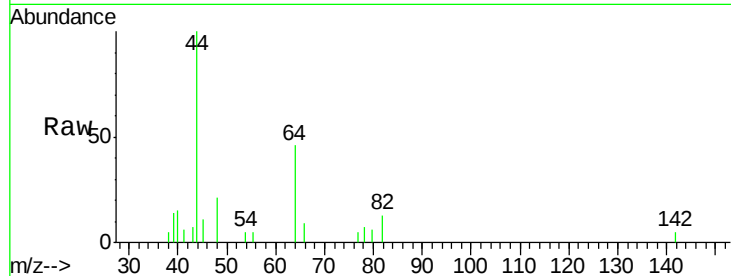




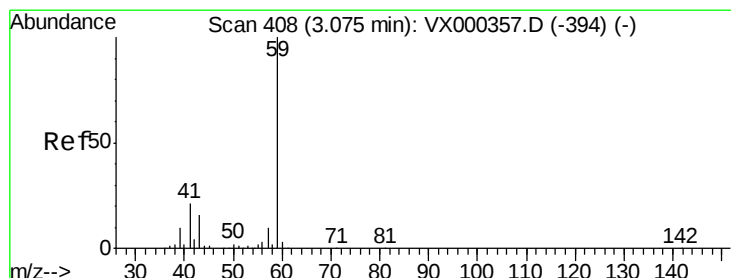
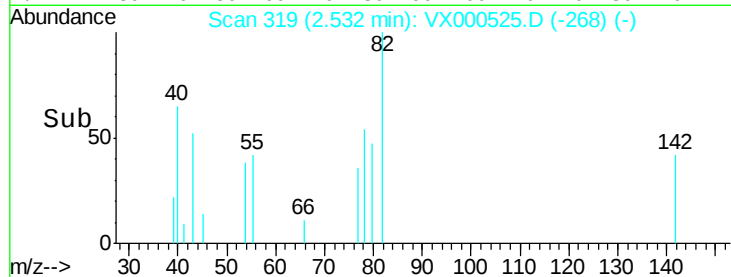
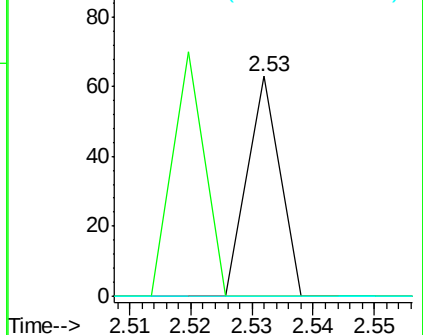
#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

Instrument :
MSVOA_X
ClientSampled :
LIP-22

Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 113.0 39.2 58.8#
141 0.0 11.7 17.5#

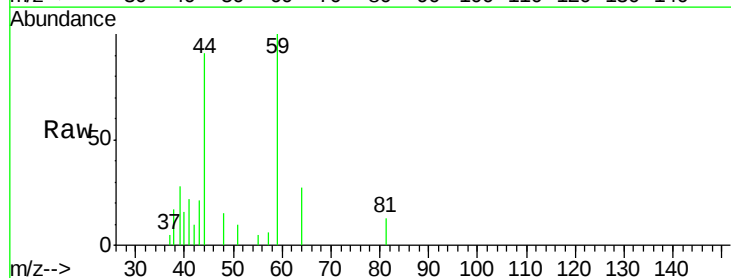


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

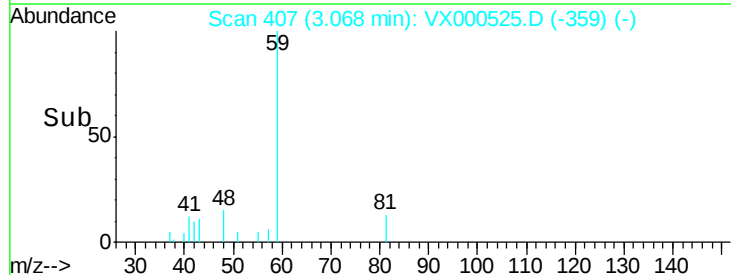
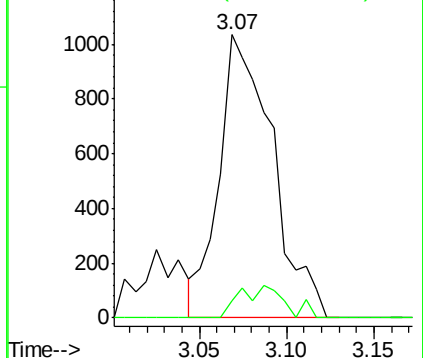


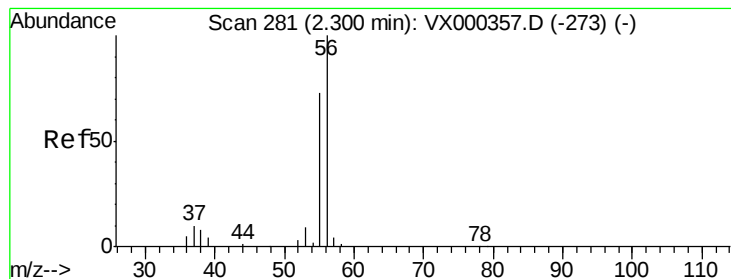
#11
Tert butyl alcohol
Concen: 4.85 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

Tgt Ion: 59 Resp: 2194
Ion Ratio Lower Upper
59 100
57 9.9 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: 14.96 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000525.D

Acq: 29 Mar 2018 20:40

Instrument :

MSVOA_X

ClientSampled :

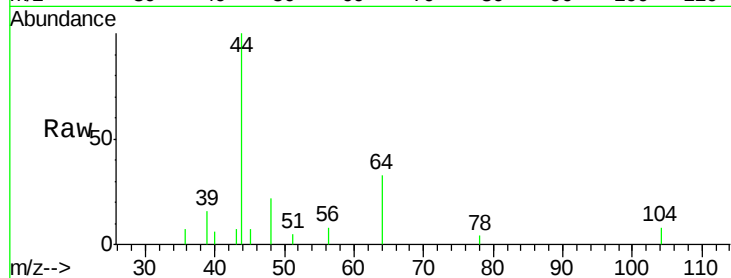
LIP-22

Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

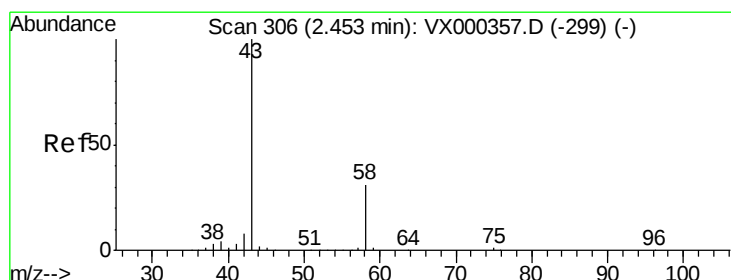
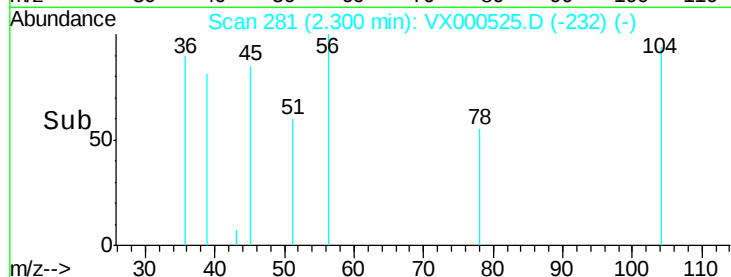
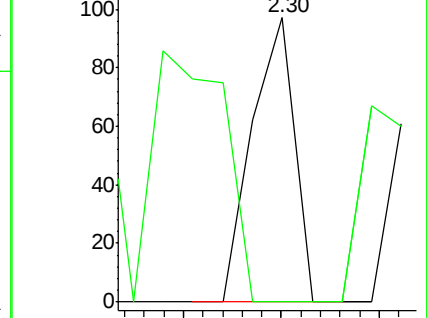
56 100

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: 0.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000525.D

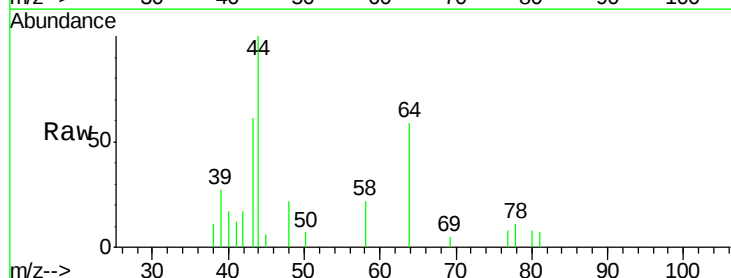
Acq: 29 Mar 2018 20:40

Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

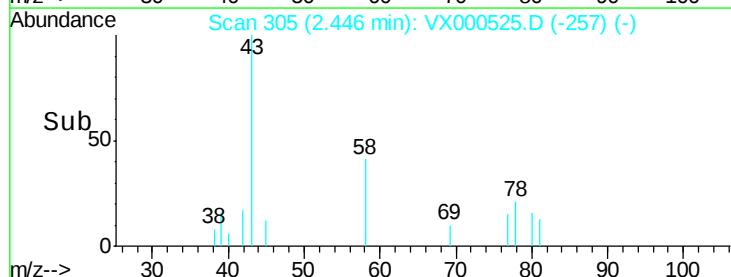
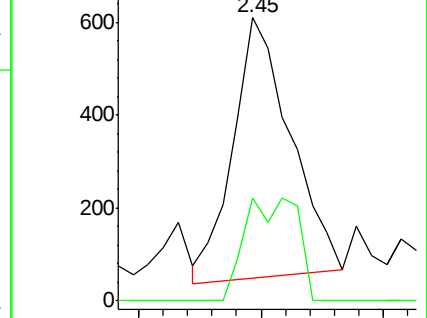
43 100

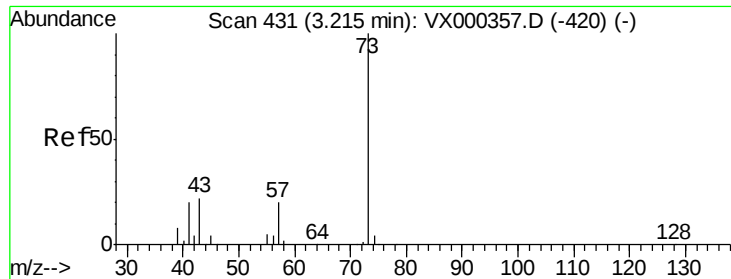
58 40.9 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

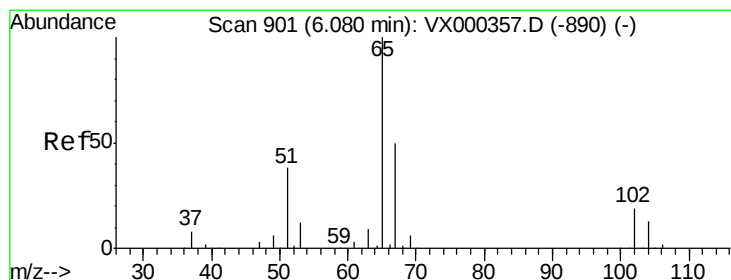
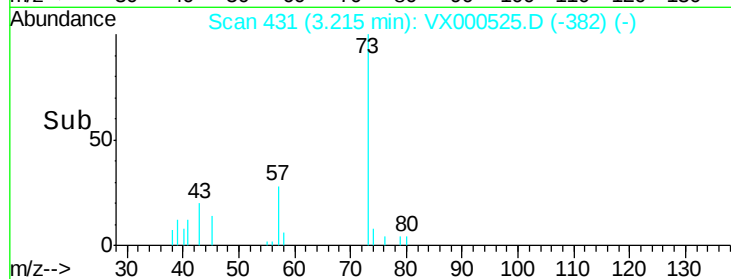
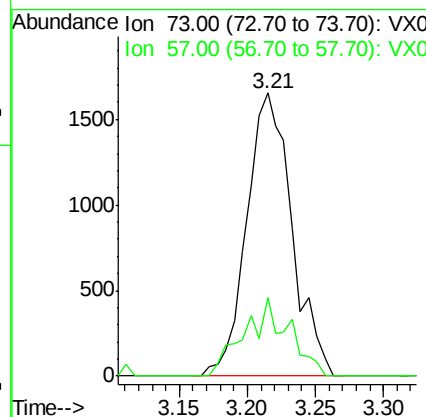
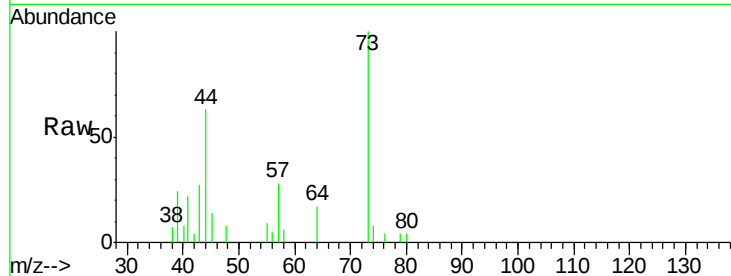




#19
Methyl tert-butyl Ether
Concen: 0.95 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

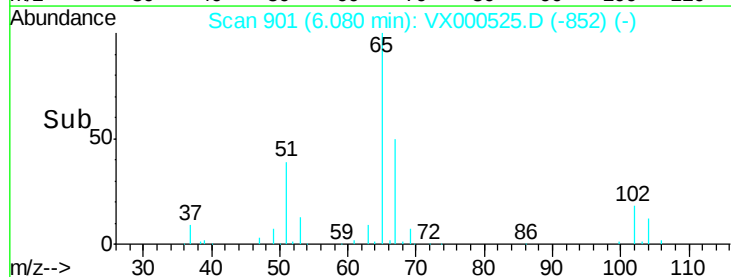
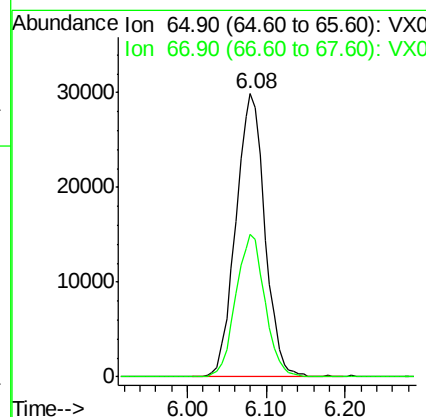
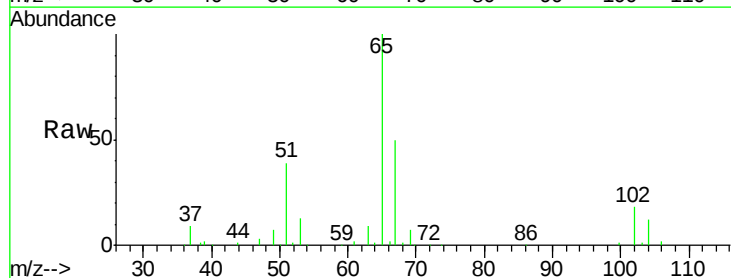
Instrument :
MSVOA_X
ClientSampleId :
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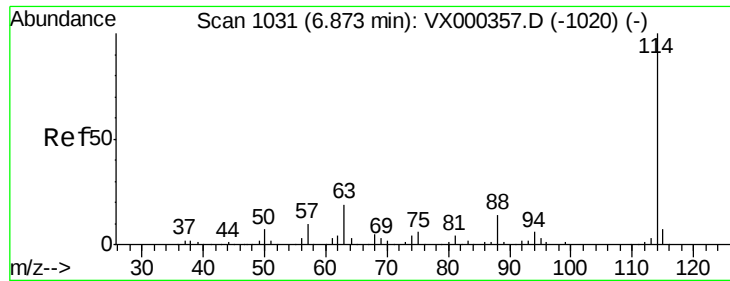
Tgt Ion: 73 Resp: 3838
Ion Ratio Lower Upper
73 100
57 27.9 17.2 25.8#



#33
1,2-Dichloroethane-d4
Concen: 58.14 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

Tgt Ion: 65 Resp: 76440
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.2

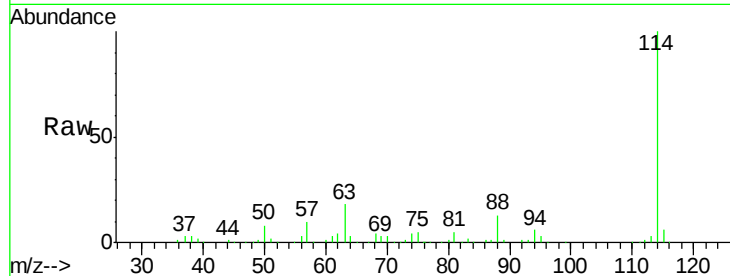




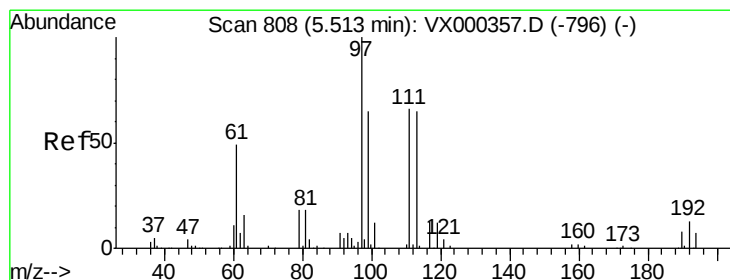
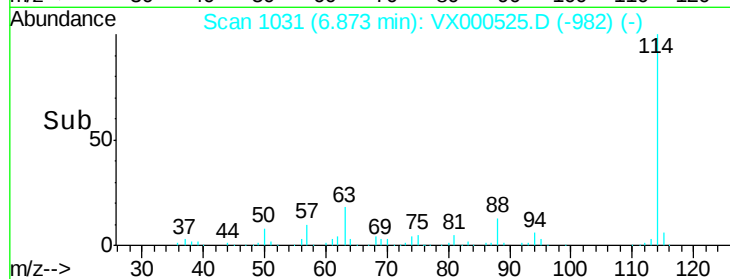
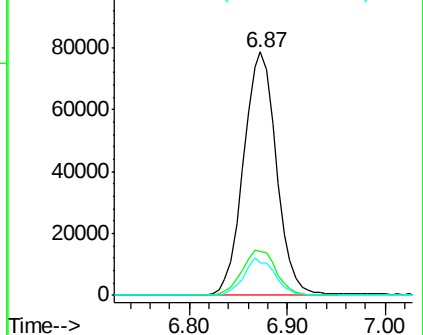
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000525.D
 Acq: 29 Mar 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-22

Tgt Ion:114 Resp: 184406
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 13.4 0.0 27.0

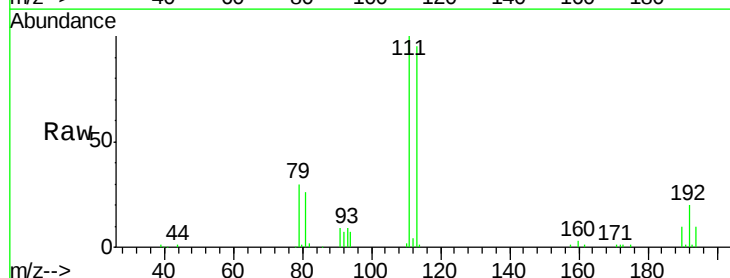


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

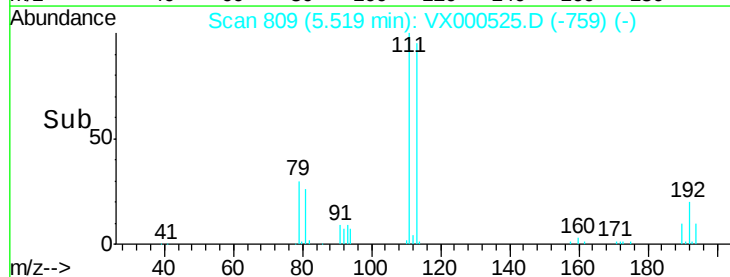
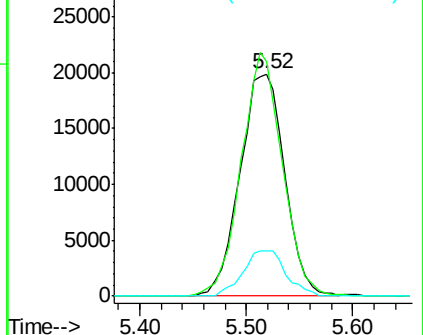


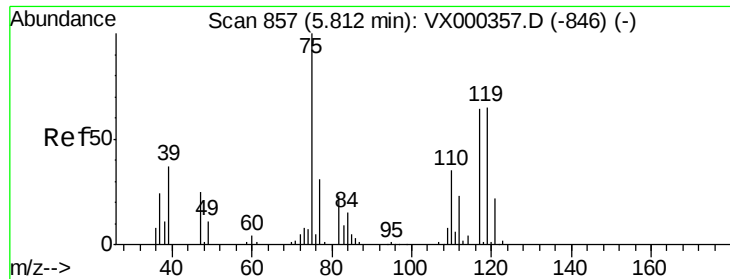
#35
 Dibromofluoromethane
 Concen: 50.36 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000525.D
 Acq: 29 Mar 2018 20:40

Tgt Ion:113 Resp: 58519
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.4 123.6
 192 19.6 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

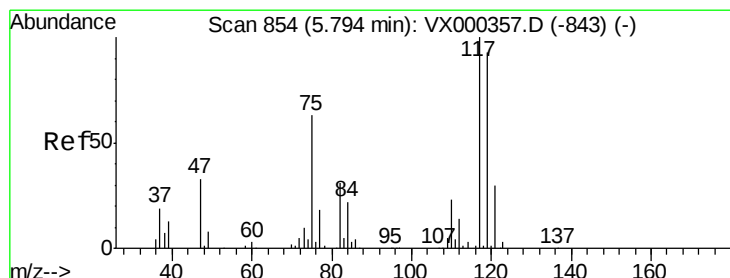
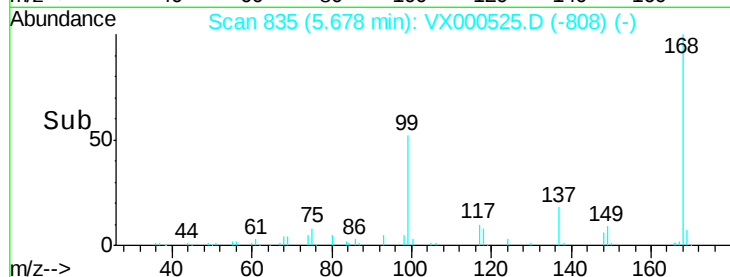
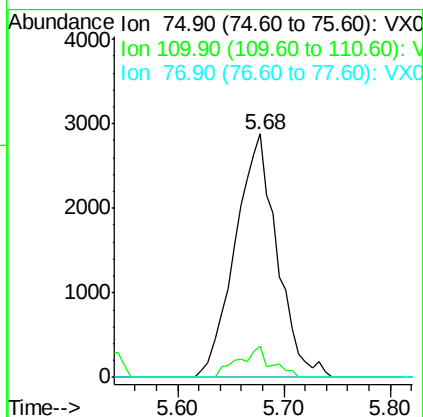
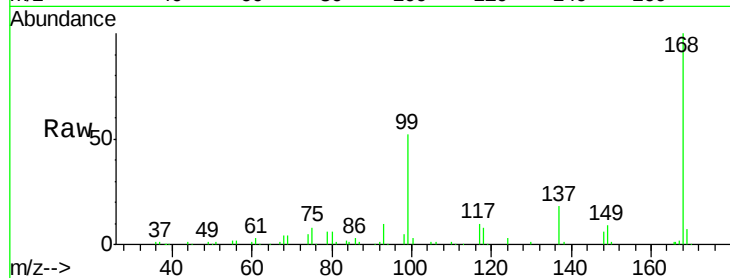




#36
 1,1-Dichloropropene
 Concen: 4.60 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000525.D
 Acq: 29 Mar 2018 20:40

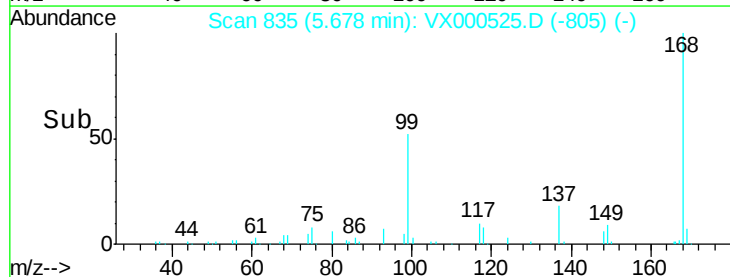
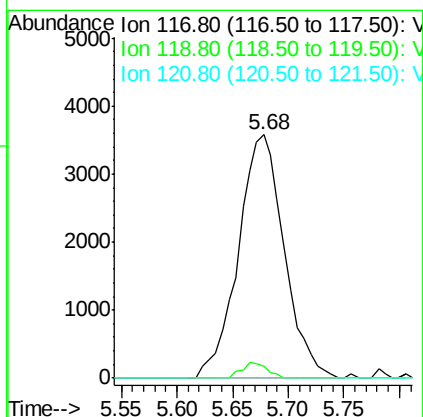
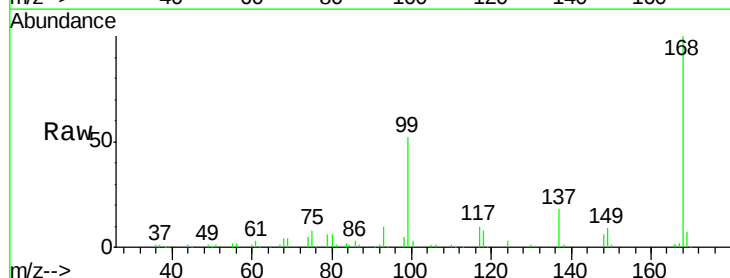
Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-22

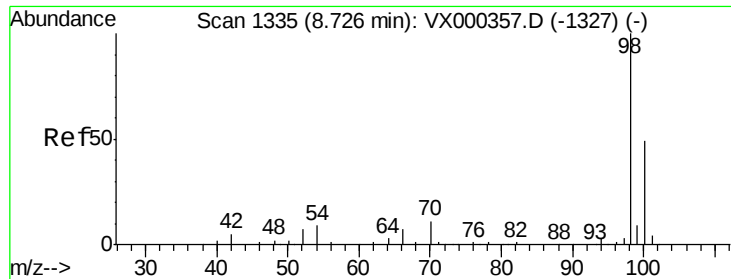
Tgt Ion: 75 Resp: 7943
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.65 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000525.D
 Acq: 29 Mar 2018 20:40

Tgt Ion: 117 Resp: 10232
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.4 116.2#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.37 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000525.D

Acq: 29 Mar 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

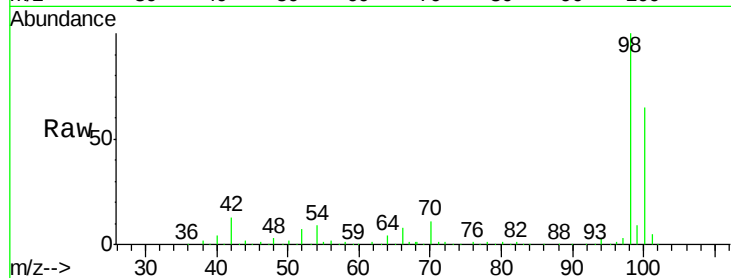
LIP-22

Tgt Ion: 98 Resp: 237600

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX000357.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX000357.D (-1327) (-)

8.73

150000

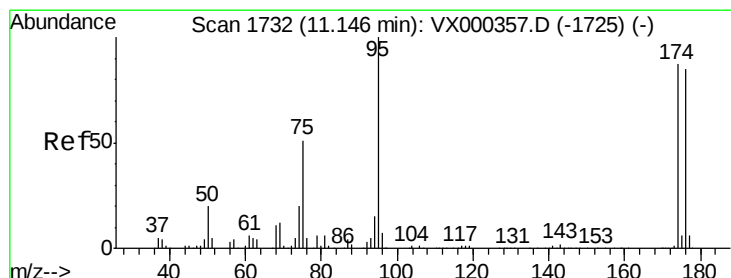
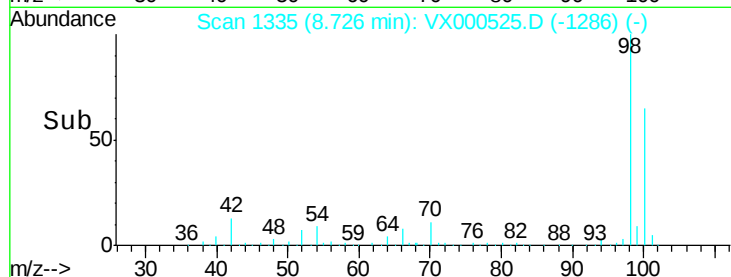
100000

50000

0

8.65 8.70 8.75 8.80 8.85

Time-->



#62

4-Bromofluorobenzene

Concen: 42.24 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000525.D

Acq: 29 Mar 2018 20:40

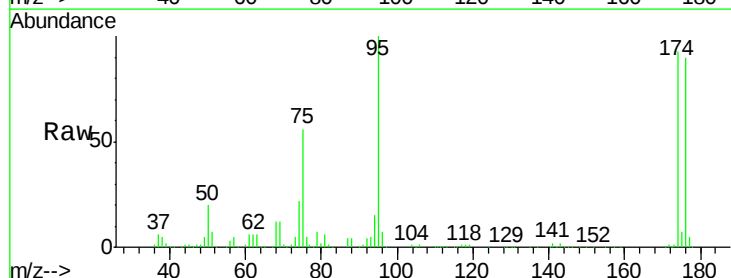
Tgt Ion: 95 Resp: 83679

Ion Ratio Lower Upper

95 100

174 91.1 0.0 173.6

176 86.5 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000357.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000357.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000357.D (-1725) (-)

11.15

80000

60000

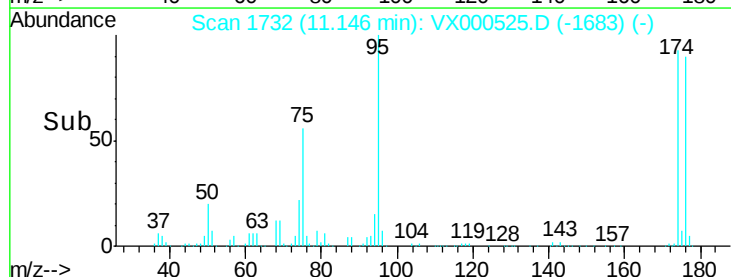
40000

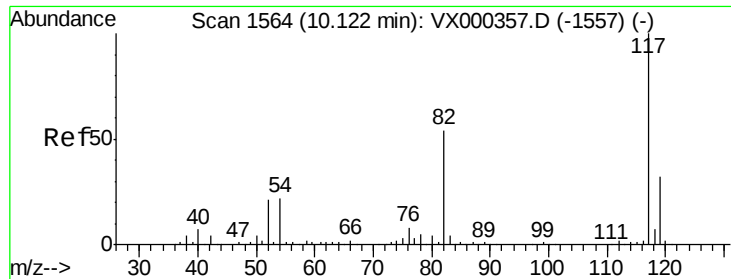
20000

0

11.05 11.10 11.15 11.20

Time-->

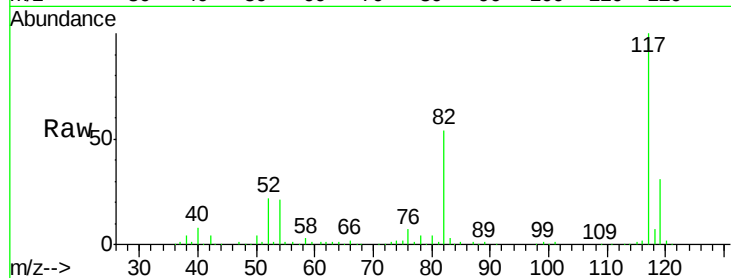




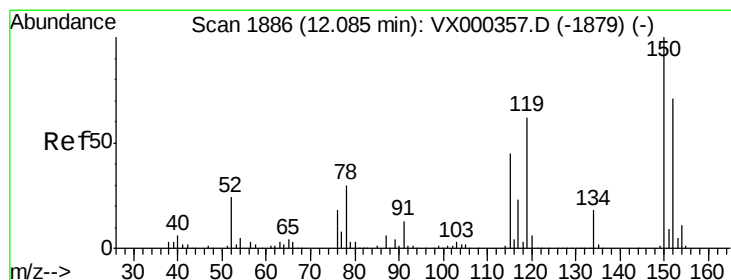
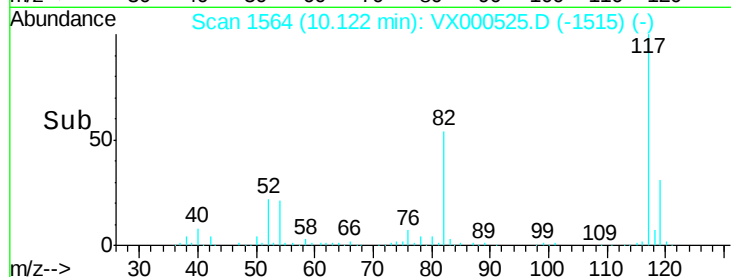
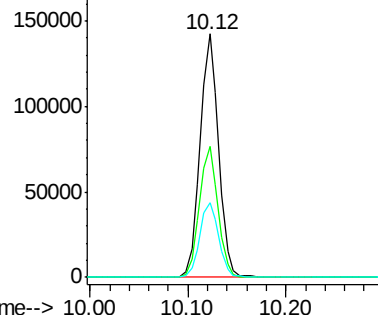
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
LIP-22

Tgt Ion:117 Resp: 186858
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 30.9 24.9 37.3

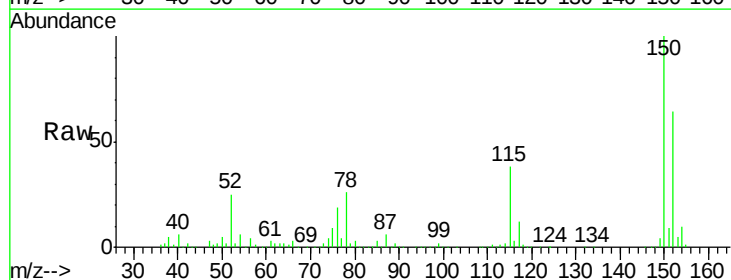


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

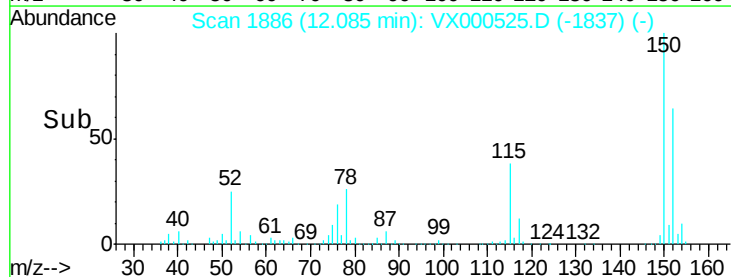
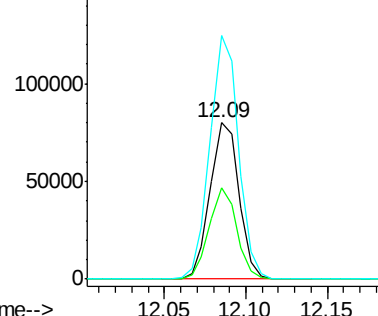


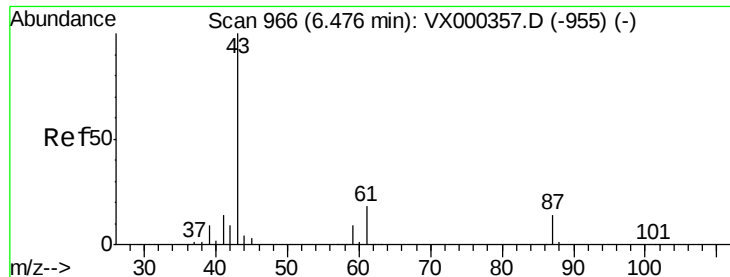
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000525.D
Acq: 29 Mar 2018 20:40

Tgt Ion:152 Resp: 99251
Ion Ratio Lower Upper
152 100
115 55.6 39.8 119.3
150 153.7 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-amyI acetate

Concen: Below Cal

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000525.D

Acq: 29 Mar 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

LIP-22

Tgt Ion: 43 Resp: 40

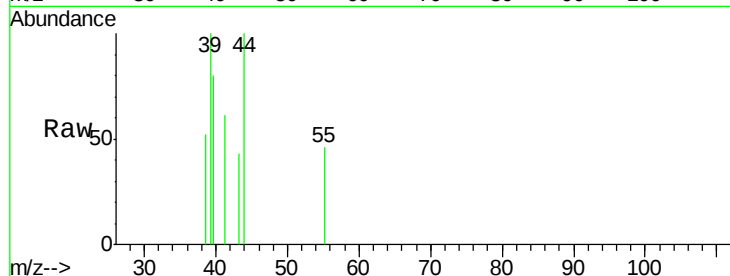
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 142.5 0.0 0.0#

61 0.0 14.4 21.6#

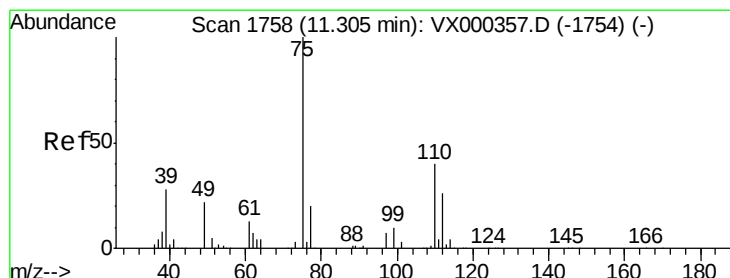
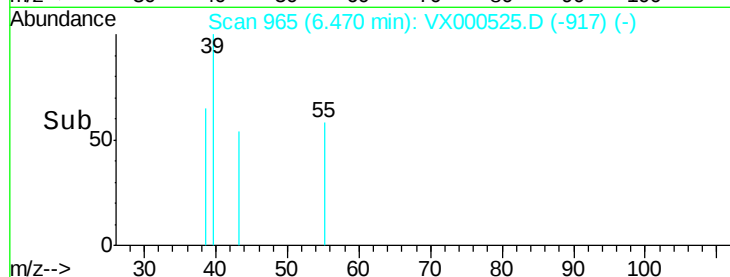
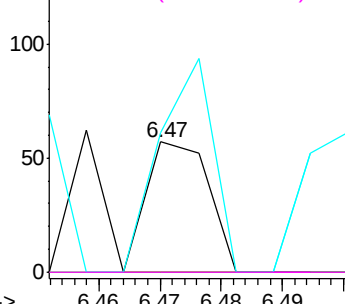


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.83 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000525.D

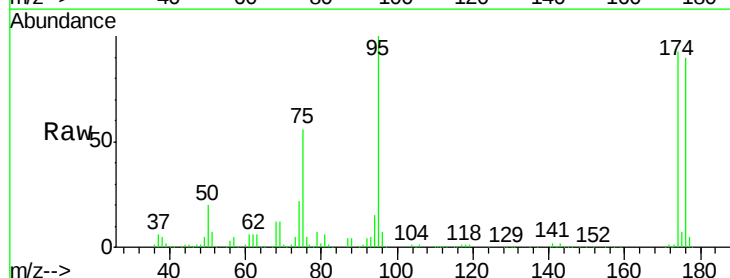
Acq: 29 Mar 2018 20:40

Tgt Ion: 75 Resp: 46562

Ion Ratio Lower Upper

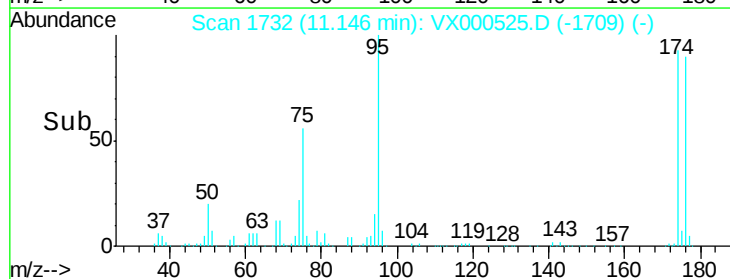
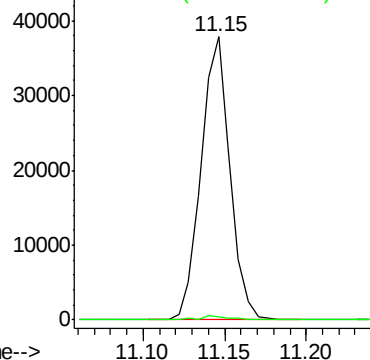
75 100

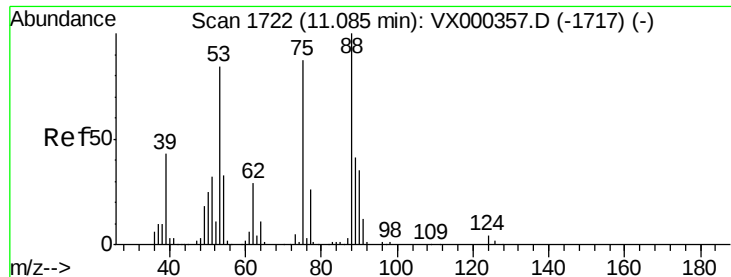
77 1.6 21.4 64.2#



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: 70.67 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000525.D

Acq: 29 Mar 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

LIP-22

Tgt Ion: 75 Resp: 46562

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#

