

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000512.D
 Acq On : 29 Mar 2018 15:07
 Operator : JC/MD
 Sample : J2068-01
 Misc : 6.96µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 29 16:31:18 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	119542	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	218189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	226376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131571	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	87565	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
35) Dibromofluoromethane	5.52	113	64246	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	8.72	98	286714	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.15	95	109190	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	688	0.50	ug/l	99
5) Bromomethane	1.64	94	6564	3.78	ug/l	91
6) Chloroethane	1.73	64	74	Below Cal	#	44
10) Methyl Iodide	2.48	142	4032	6.80	ug/l	94
11) Tert butyl alcohol	3.09	59	356	0.66	ug/l	# 72
13) Acrolein	2.31	56	140	15.35	ug/l	# 49
14) Allyl chloride	2.73	41	181	Below Cal	#	22
15) Acrylonitrile	3.20	53	265	0.24	ug/l	# 73
17) Carbon Disulfide	2.53	76	1140	0.35	ug/l	# 80
18) Methyl Acetate	2.81	43	15635	5.75	ug/l	98
20) Methylene Chloride	2.85	84	805	0.54	ug/l	# 77
29) Tetrahydrofuran	5.20	42	569	0.63	ug/l	# 65
31) Cyclohexane	5.67	56	2849	1.45	ug/l	# 53
36) 1,1-Dichloropropene	5.66	75	9946	4.87	ug/l	# 50
38) Carbon Tetrachloride	5.66	117	11437	5.33	ug/l	# 14
43) Isopropyl Acetate	6.53	43	1199	0.29	ug/l	# 62
48) Methyl methacrylate	7.79	41	454	0.23	ug/l	# 15
60) Dibromochloromethane	9.46	129	102	4.16	ug/l	95
68) m/p-Xylenes	10.37	106	980	0.29	ug/l	# 39
71) Bromoform	10.86	173	305	4.92	ug/l	# 27
73) Isopropylbenzene	11.03	105	3424	0.39	ug/l	90
74) N-amyl acetate	6.53	43	1199	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	61789	21.85	ug/l	# 35
80) 1,3,5-Trimethylbenzene	11.52	105	1720	0.23	ug/l	77
81) trans-1,4-Dichloro-2-buten	11.15	75	61789	70.75	ug/l	# 9
86) p-Isopropyltoluene	12.07	119	2466	0.30	ug/l	# 63
88) 1,4-Dichlorobenzene	12.11	146	1733	0.38	ug/l	# 14
89) n-Butylbenzene	12.40	91	1550	0.20	ug/l	# 48
90) Hexachloroethane	12.55	117	275	0.22	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	1540	0.36	ug/l	# 63
92) 1,2-Dibromo-3-Chloropropan	13.00	75	610	0.71	ug/l	# 1
95) Naphthalene	13.85	128	5996	0.56	ug/l	# 53
96) 1,2,3-Trichlorobenzene	14.04	180	845	0.28	ug/l	# 44

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Instrument :
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ClientSampleId :

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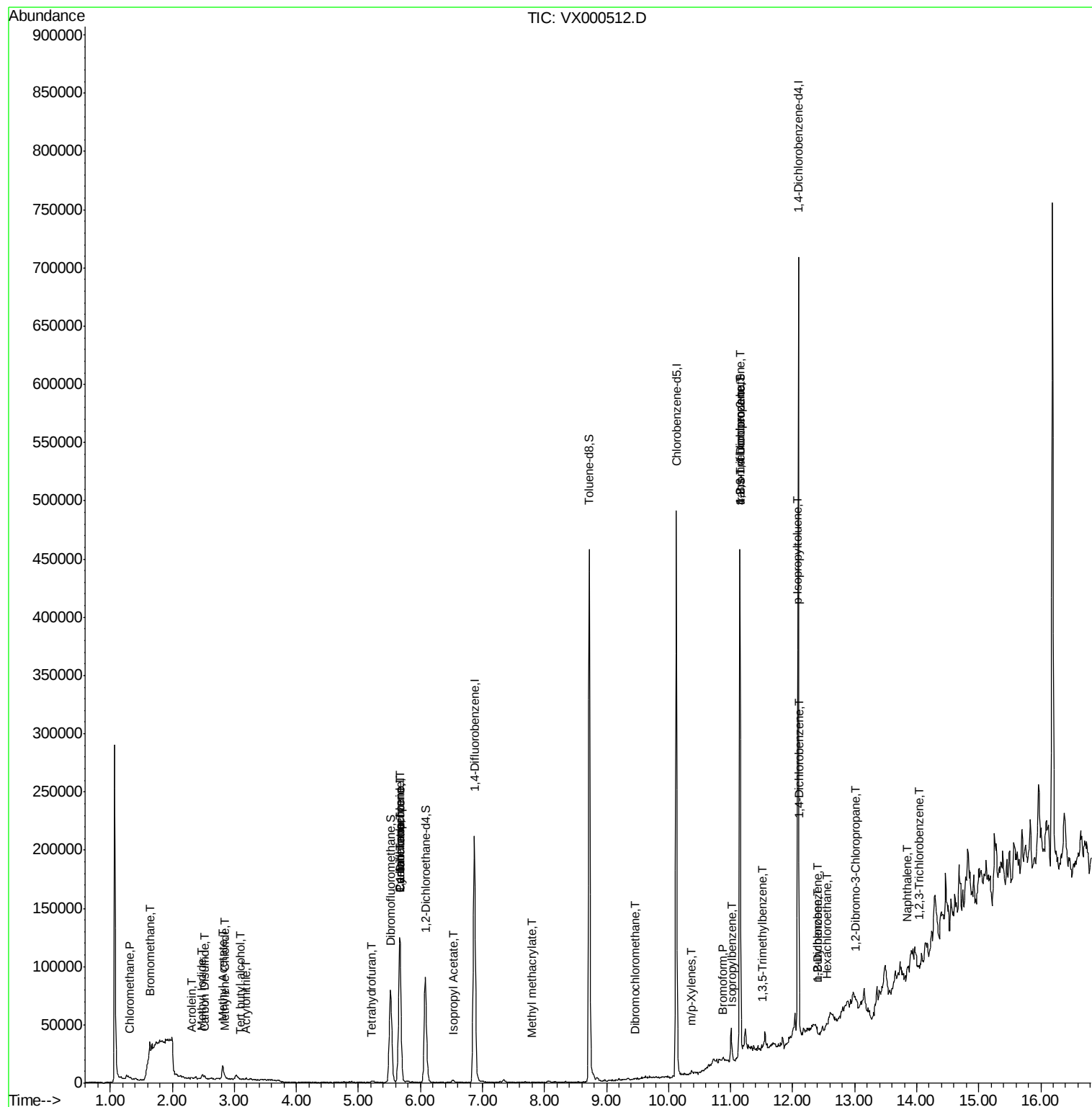
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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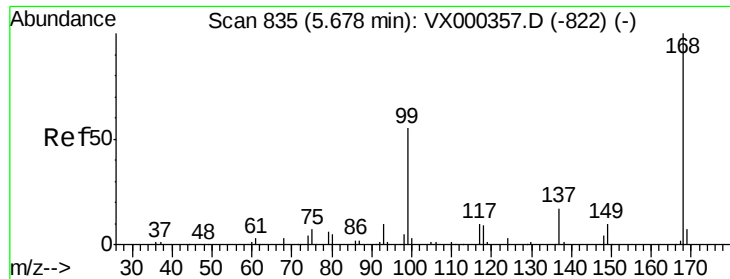
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

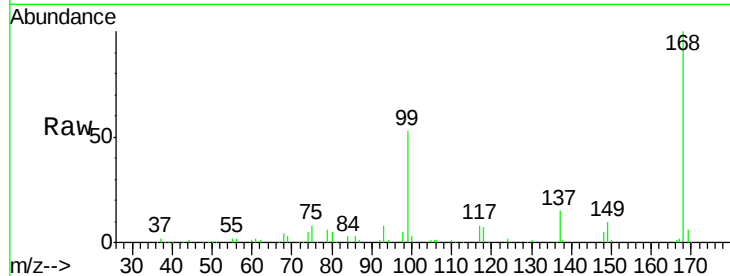
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 119542

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

5.67

40000

30000

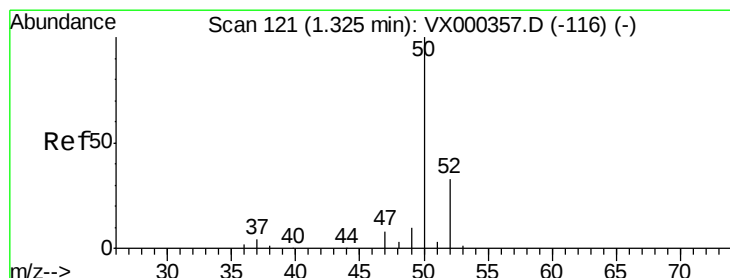
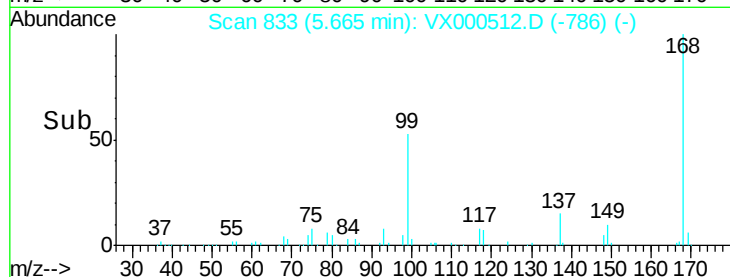
20000

10000

0

Time-->

5.60 5.70



#3

Chloromethane

Concen: 0.50 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000512.D

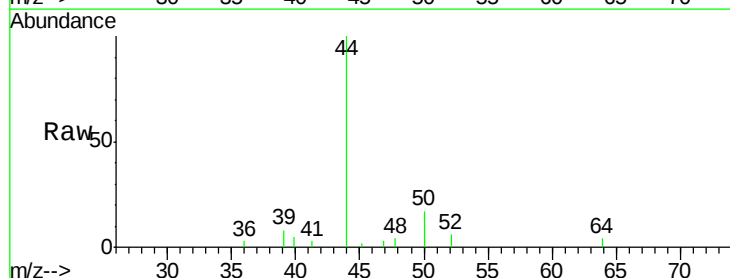
Acq: 29 Mar 2018 15:07

Tgt Ion: 50 Resp: 688

Ion Ratio Lower Upper

50 100

52 35.0 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

300

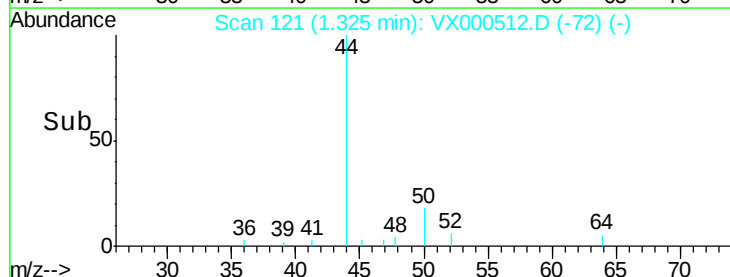
200

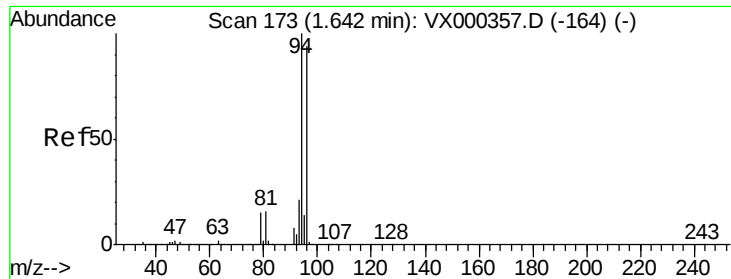
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 3.78 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

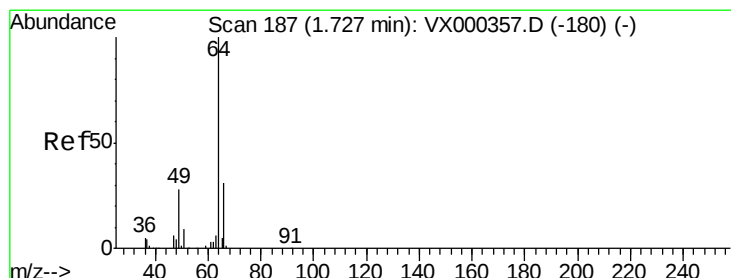
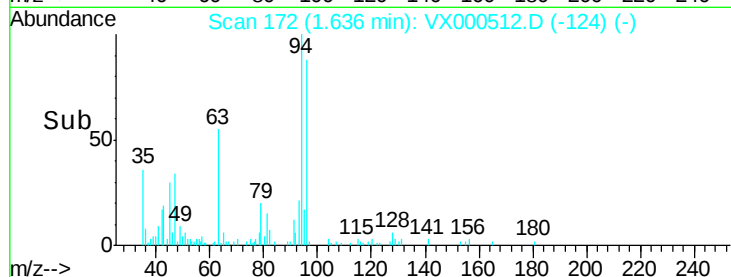
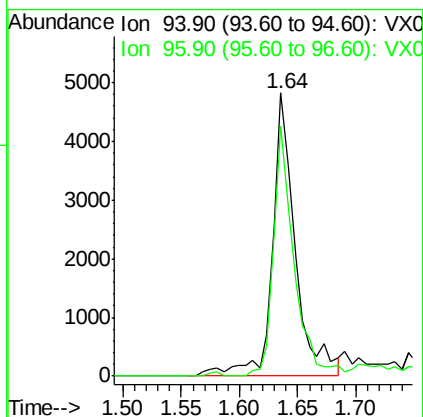
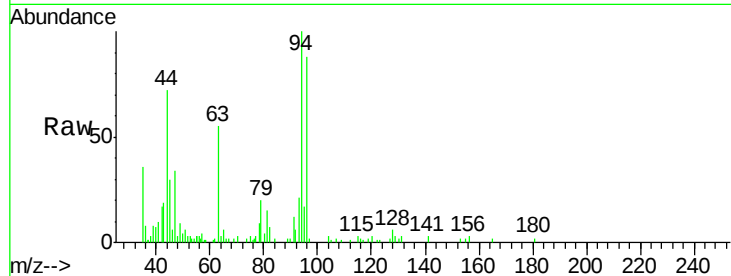
ClientSampleId :

Tot Ion: 94 Resp: 6564

Ion Ratio Lower Upper

94 100

96 88.2 77.7 116.5



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000512.D

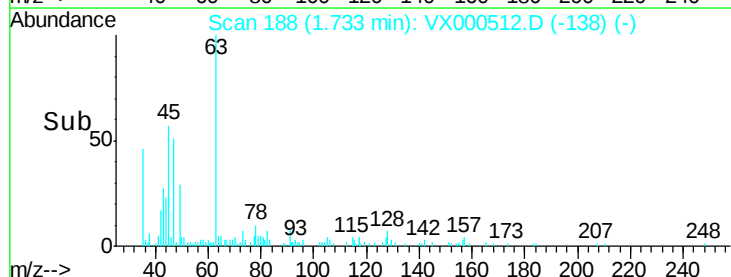
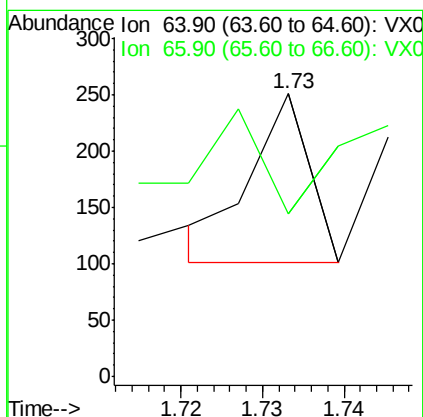
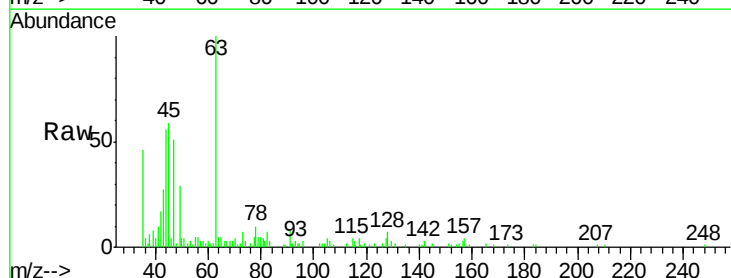
Acq: 29 Mar 2018 15:07

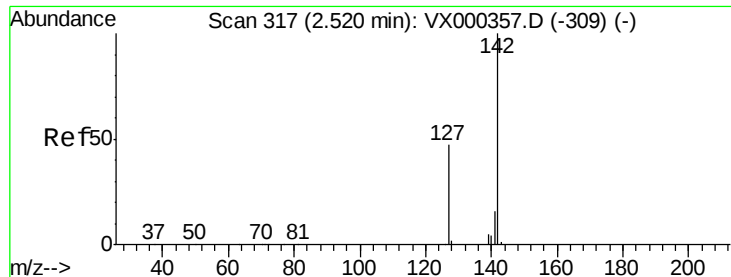
Tgt Ion: 64 Resp: 74

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#

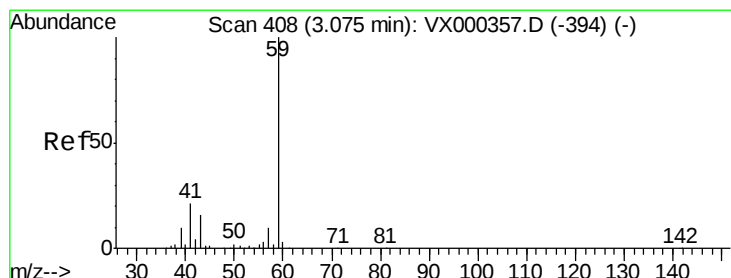
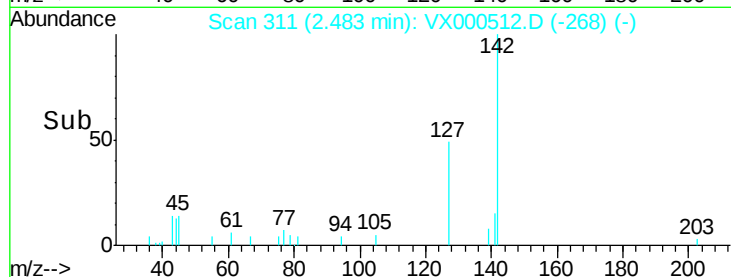
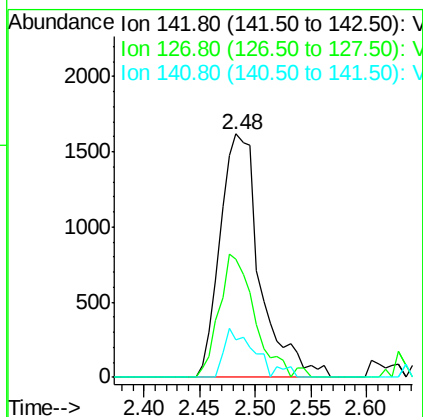
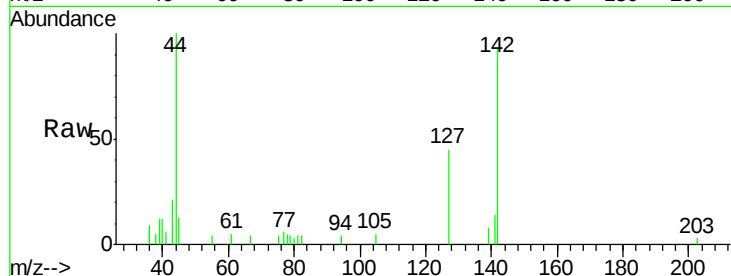




#10
Methvl Iodide
Concen: 6.80 ug/l
RT: 2.48 min Scan# 311
Delta R.T. -0.04 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

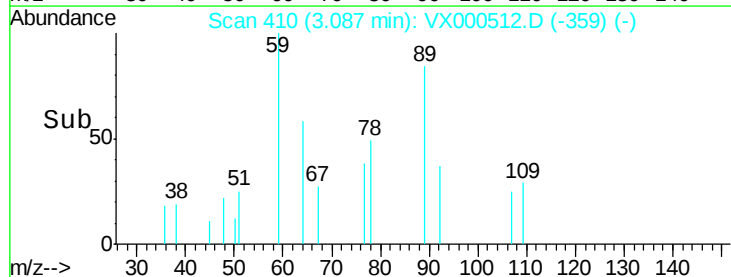
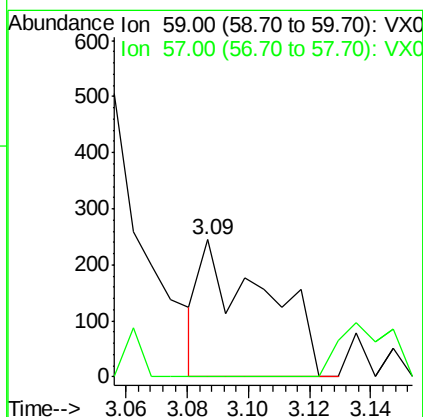
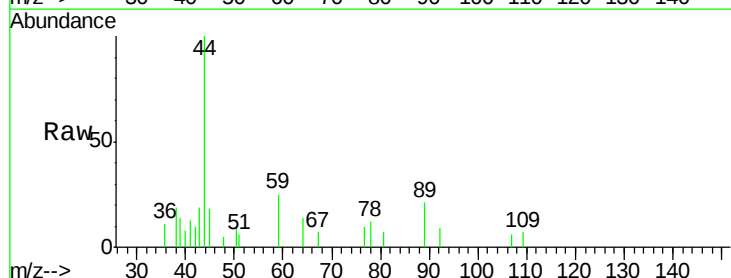
Instrument :
MSVOA_X
ClientSampled :

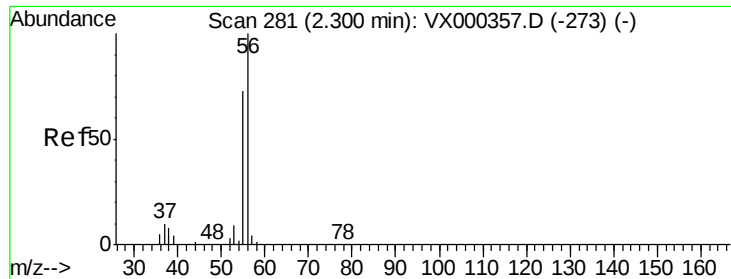
Tot Ion:142 Resp: 4032
Ion Ratio Lower Upper
142 100
127 44.3 39.2 58.8
141 13.7 11.7 17.5



#11
Tert butyl alcohol
Concen: 0.66 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: 15.35 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

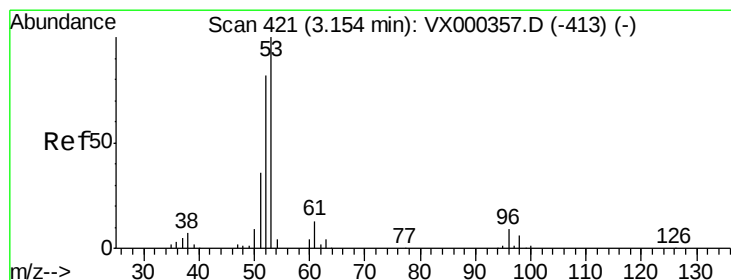
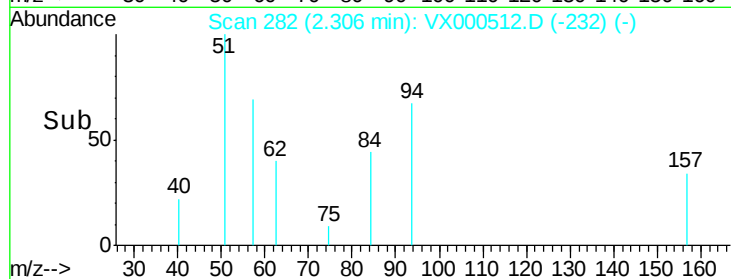
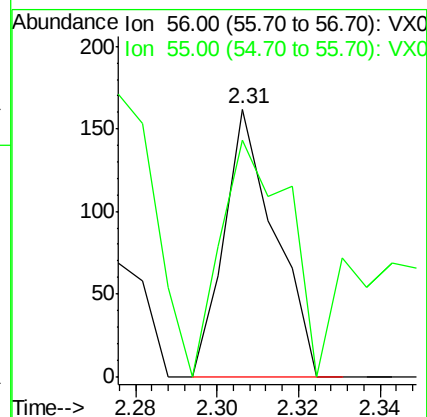
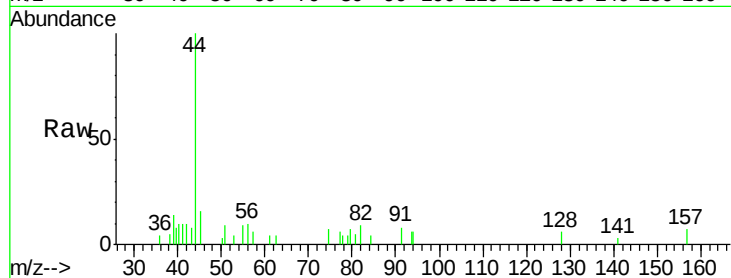
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 140

Ion Ratio Lower Upper

56 100

55 116.4 58.8 88.2#



#15

Acrylonitrile

Concen: 0.24 ug/l

RT: 3.20 min Scan# 428

Delta R.T. 0.04 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

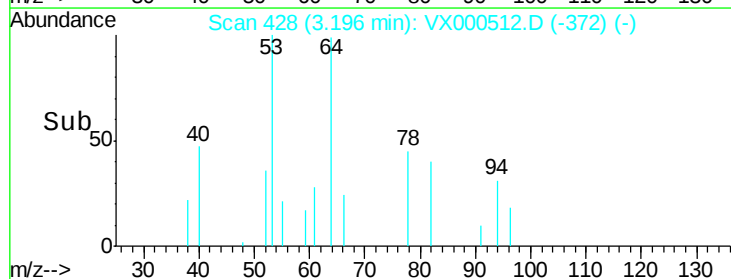
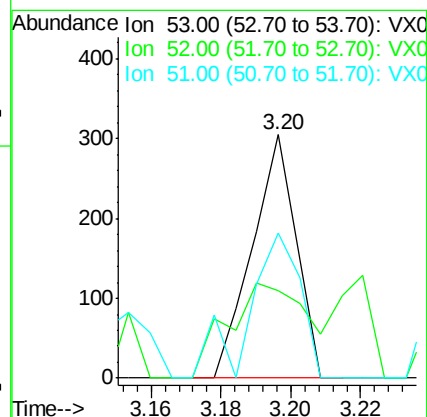
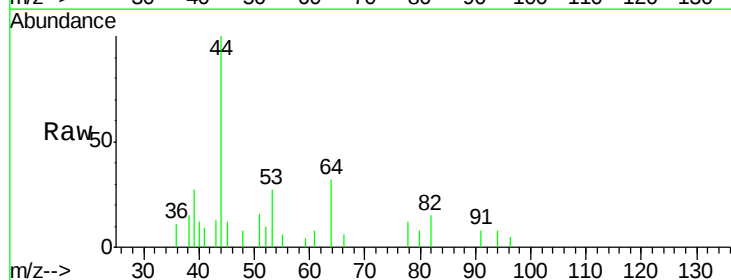
Tgt Ion: 53 Resp: 265

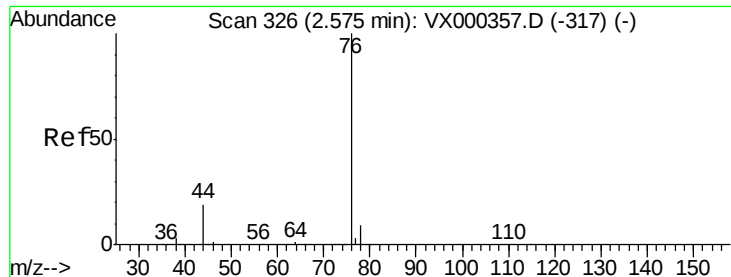
Ion Ratio Lower Upper

53 100

52 70.6 66.6 99.8

51 69.4 29.3 43.9#

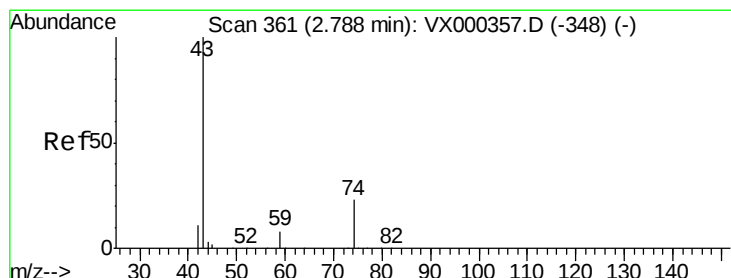
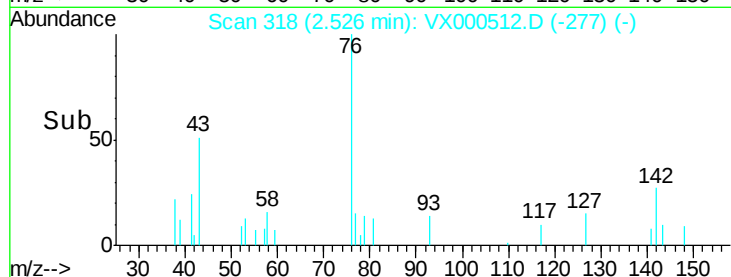
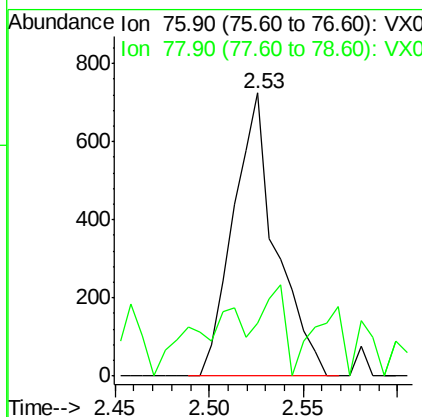
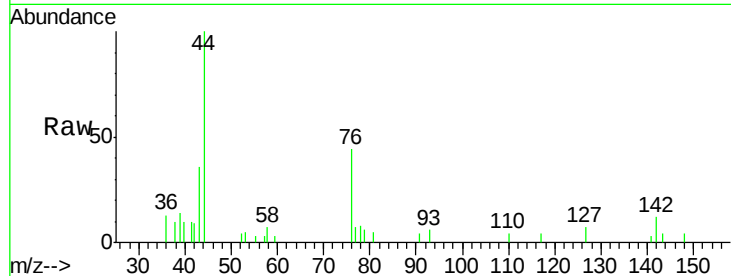




#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 2.53 min Scan# 318
Delta R.T. -0.05 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

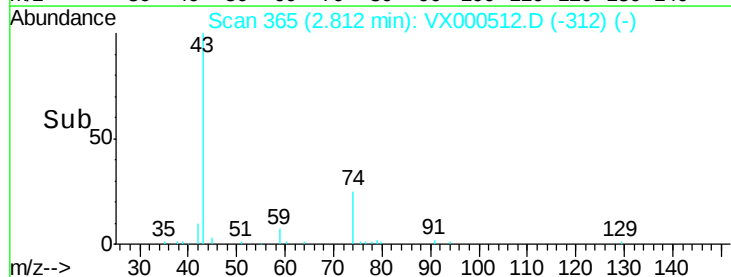
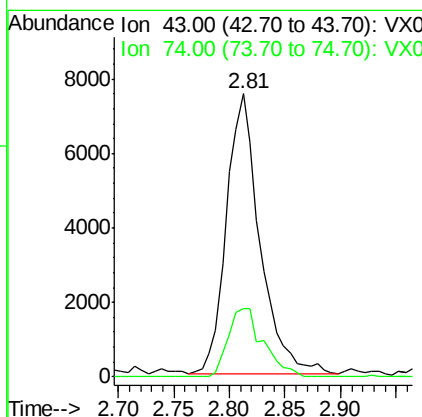
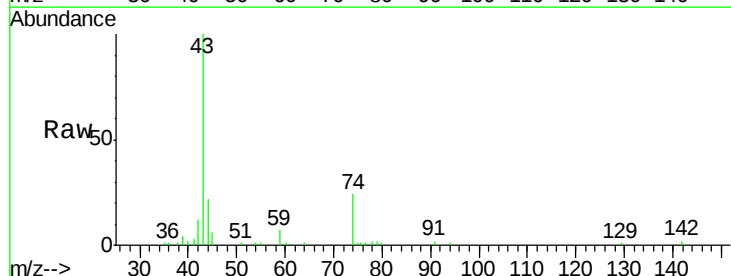
Instrument :
MSVOA_X
ClientSampled :

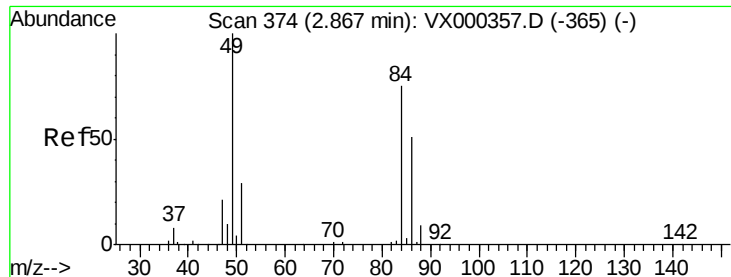
Tot Ion: 76 Resp: 1140
Ion Ratio Lower Upper
76 100
78 1.5 7.0 10.6#



#18
Methyl Acetate
Concen: 5.75 ug/l
RT: 2.81 min Scan# 365
Delta R.T. 0.02 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

Tgt Ion: 43 Resp: 15635
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.2

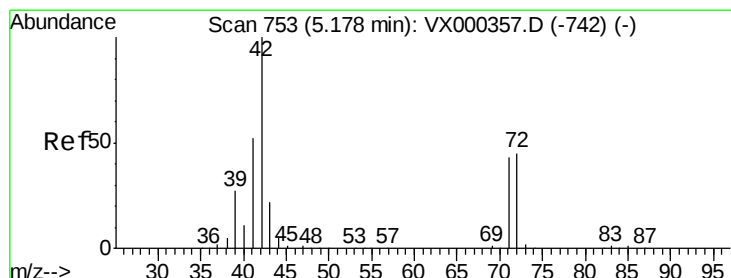
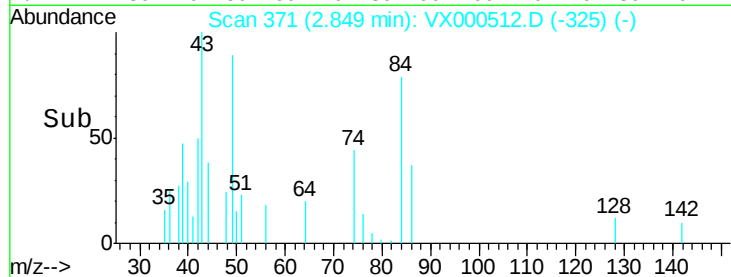
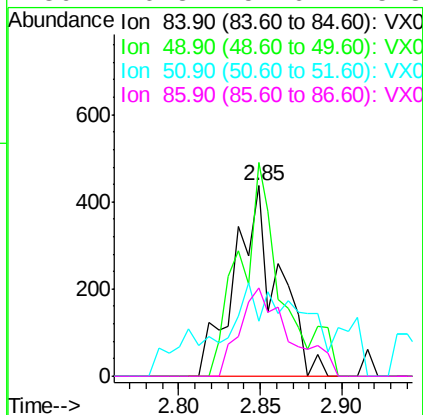
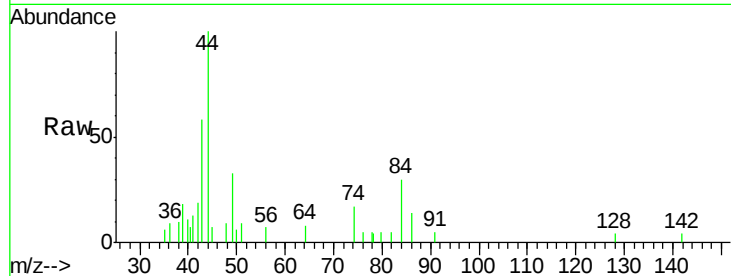




#20
Methvlene Chloride
Concen: 0.54 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.02 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

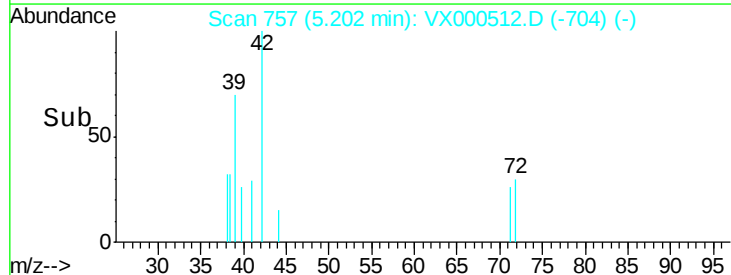
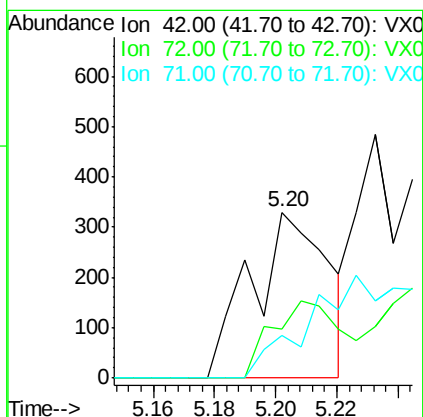
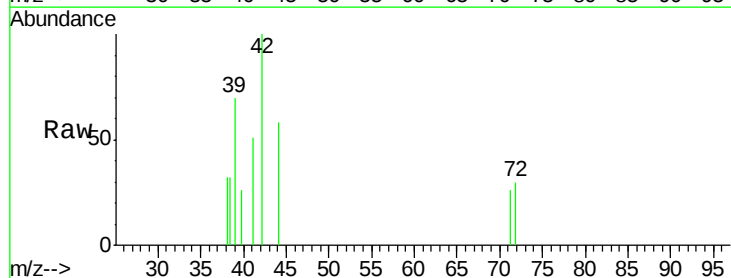
Instrument :
MSVOA_X
ClientSampleId :

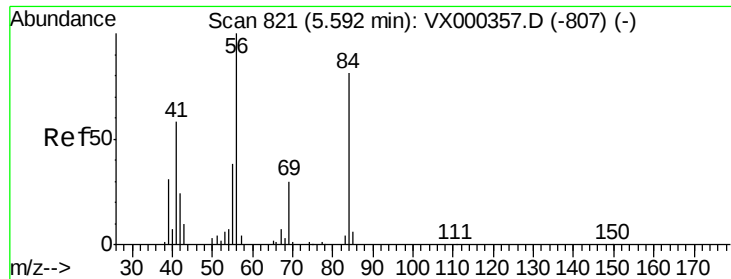
Tot Ion: 84 Resp: 805
Ion Ratio Lower Upper
84 100
49 112.4 100.6 151.0
51 4.6 31.6 47.4#
86 46.3 52.6 78.8#



#29
Tetrahydrofuran
Concen: 0.63 ug/l
RT: 5.20 min Scan# 757
Delta R.T. 0.02 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

Tgt Ion: 42 Resp: 569
Ion Ratio Lower Upper
42 100
72 43.1 37.9 56.9
71 0.0 34.4 51.6#

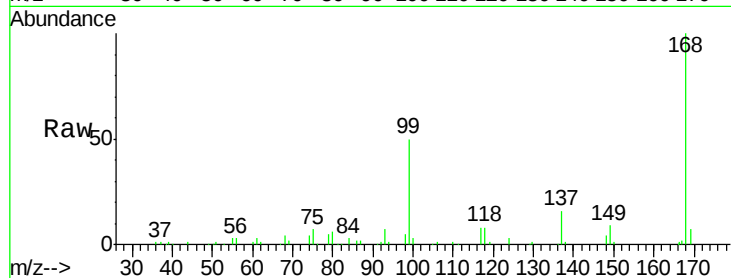




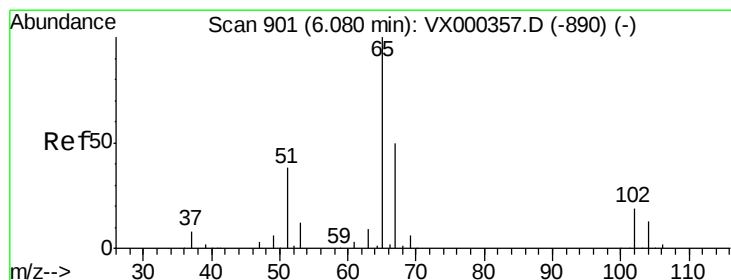
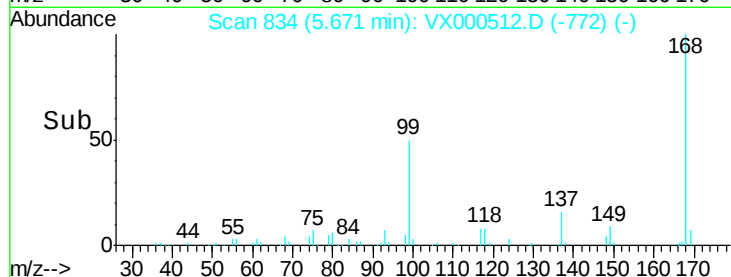
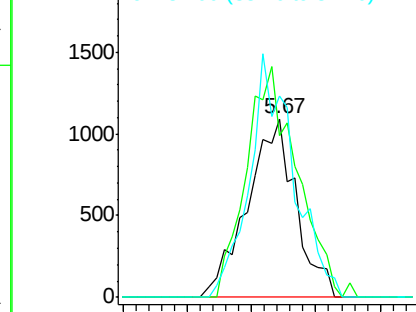
#31
Cvclohexane
Concen: 1.45 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.08 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 2849
Ion Ratio Lower Upper
56 100
69 90.1 23.4 35.0#
84 112.5 71.0 106.4#

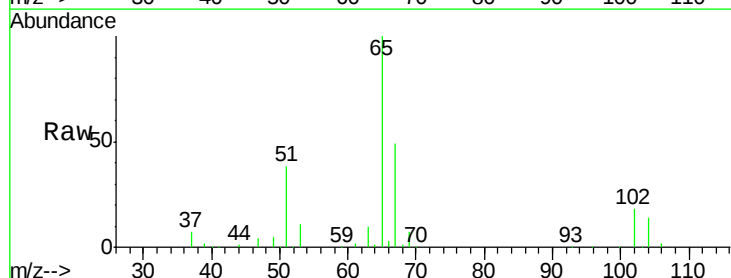


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

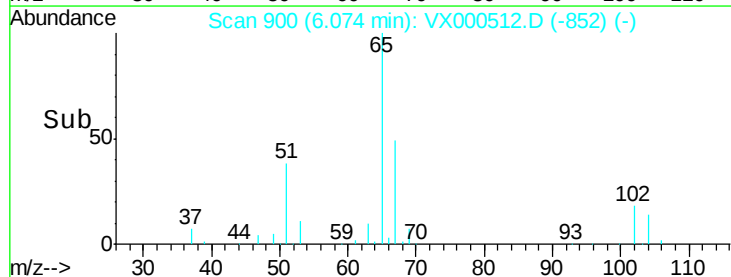
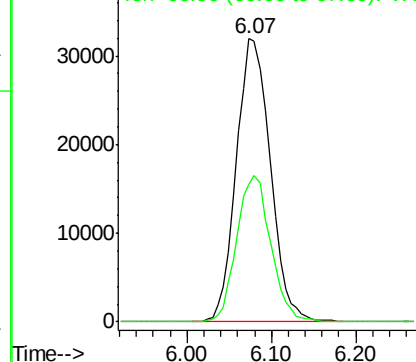


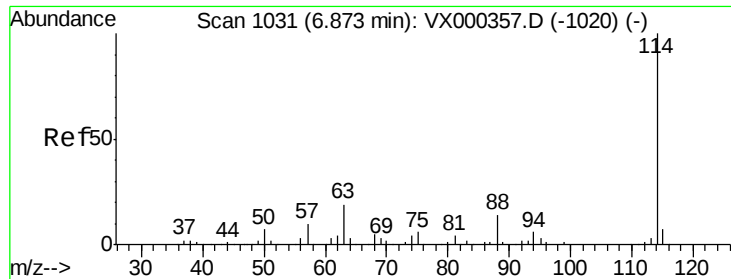
#33
1,2-Dichloroethane-d4
Concen: 56.12 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

Tgt Ion: 65 Resp: 87565
Ion Ratio Lower Upper
65 100
67 51.6 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# 1030

Delta R.T. -0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :

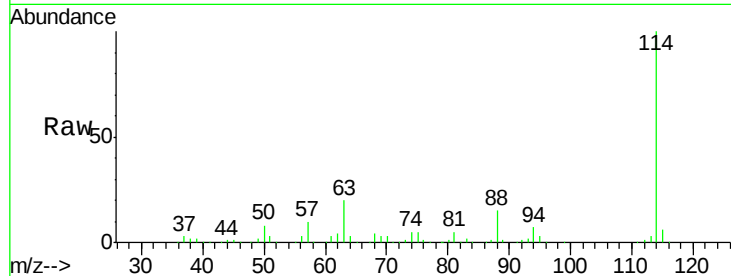
Tot Ion:114 Resp: 218189

Ion Ratio Lower Upper

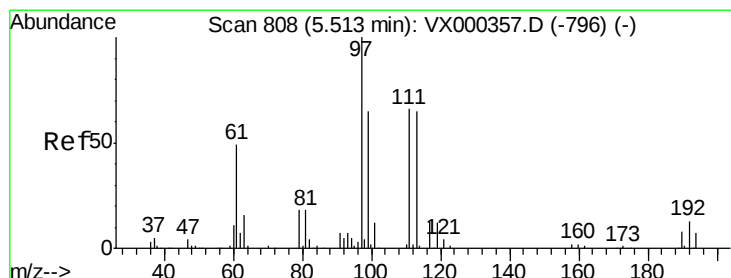
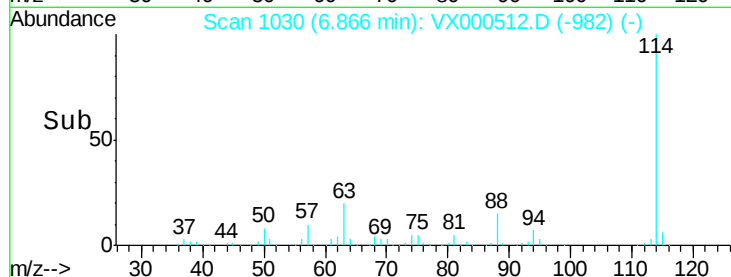
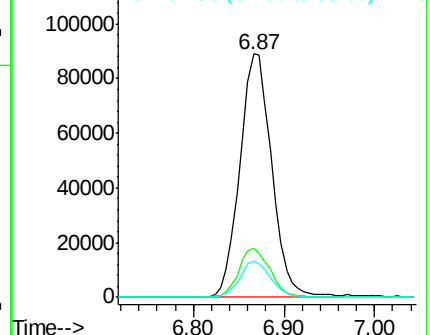
114 100

63 19.9 0.0 38.4

88 14.9 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.73 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

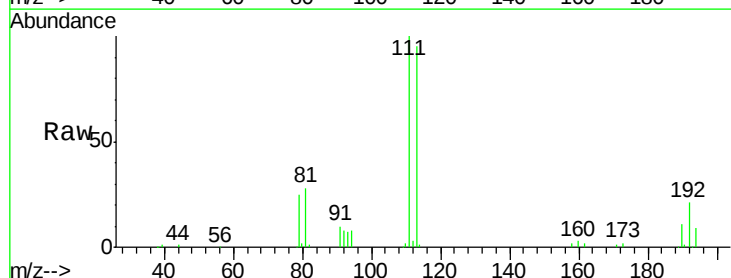
Tgt Ion:113 Resp: 64246

Ion Ratio Lower Upper

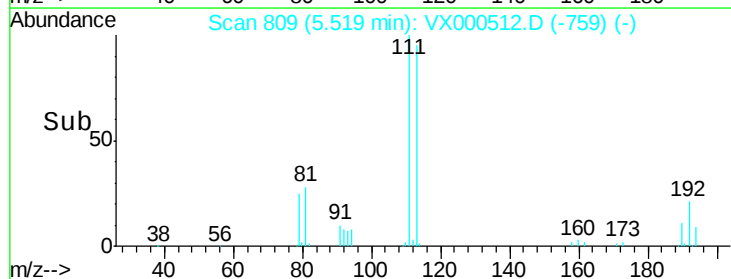
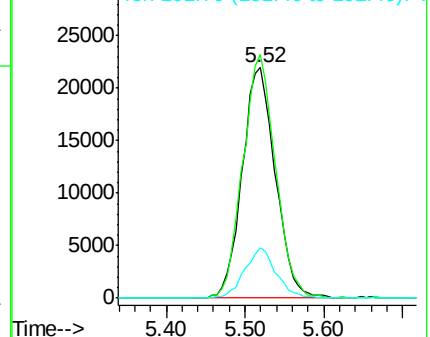
113 100

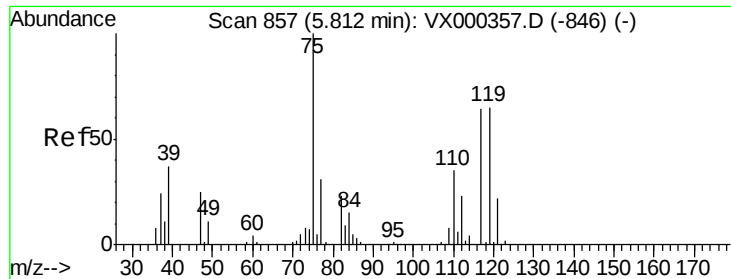
111 103.7 82.4 123.6

192 20.6 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

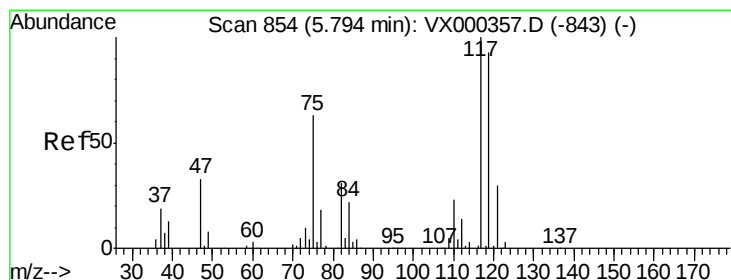
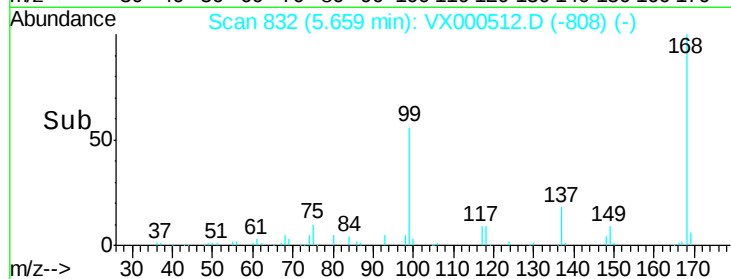
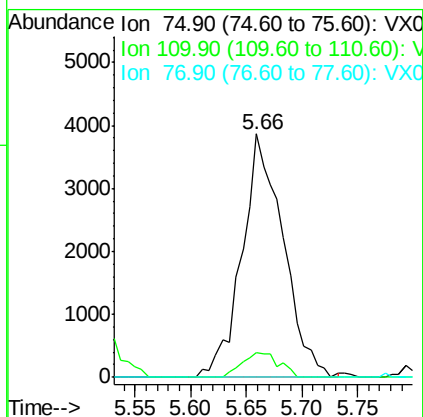
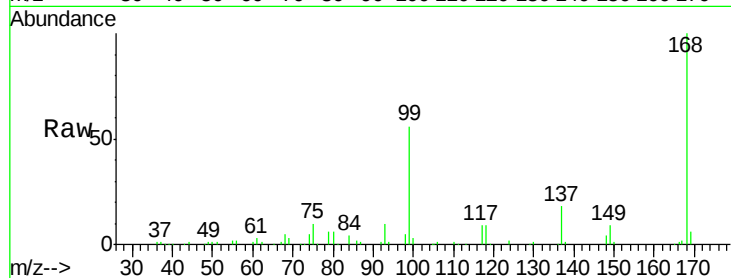




#36
 1,1-Dichloropropene
 Concen: 4.87 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX000512.D
 Acq: 29 Mar 2018 15:07

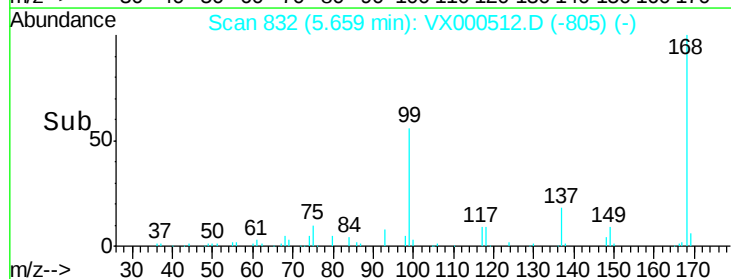
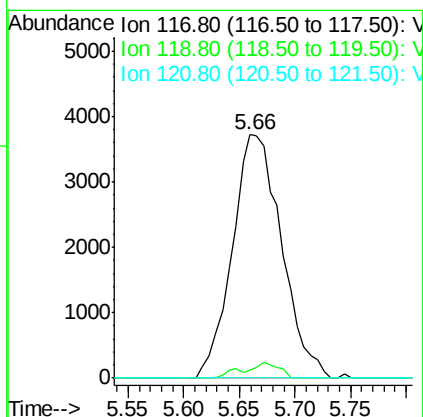
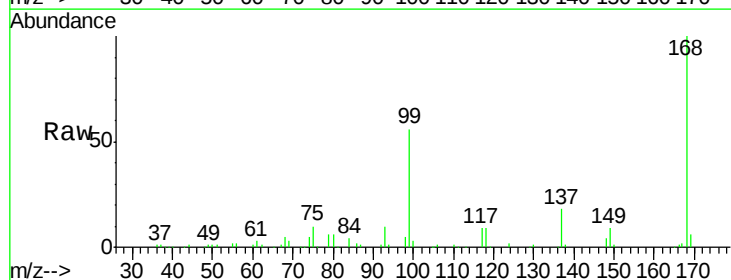
Instrument :
 MSVOA_X
 ClientSampleId :

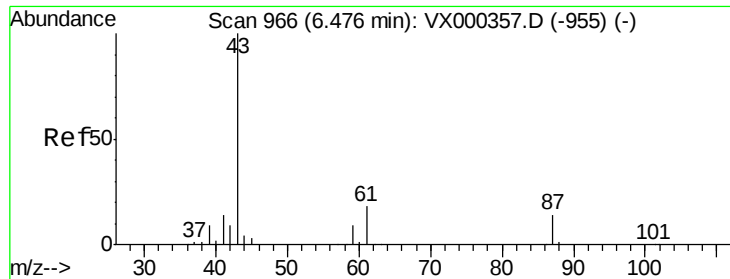
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.9	53.7#
77	0.0	24.0	36.0#



#38
 Carbon Tetrachloride
 Concen: 5.33 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX000512.D
 Acq: 29 Mar 2018 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.4	116.2#
121	0.0	24.8	37.2#





#43

Isopropyl Acetate

Concen: 0.29 ug/l

RT: 6.53 min Scan# 975

Delta R.T. 0.05 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampled :

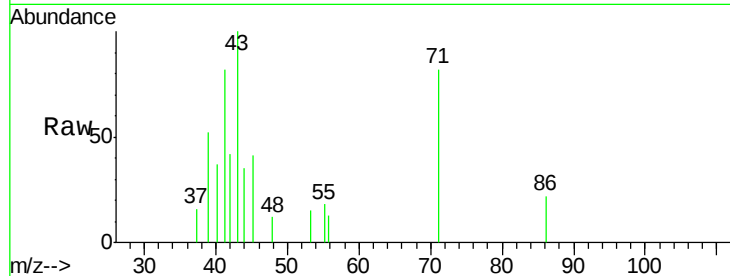
Tot Ion: 43 Resp: 1199

Ion Ratio Lower Upper

43 100

61 0.0 14.4 21.6#

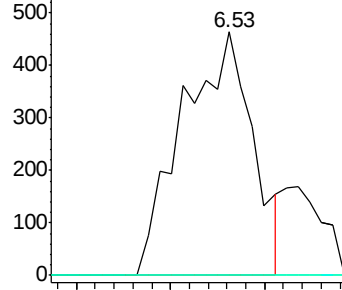
87 0.0 11.0 16.4#



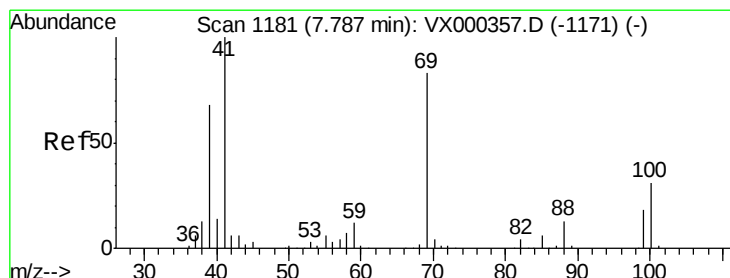
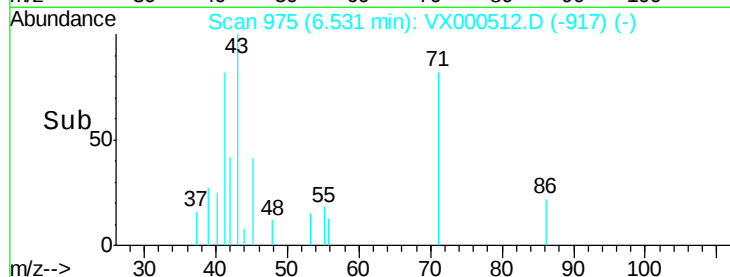
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#48

Methyl methacrylate

Concen: 0.23 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

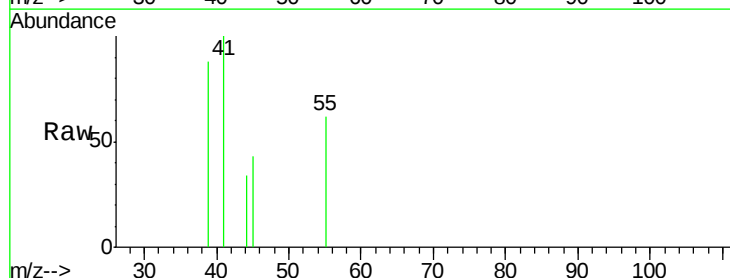
Tgt Ion: 41 Resp: 454

Ion Ratio Lower Upper

41 100

69 0.0 68.2 102.4#

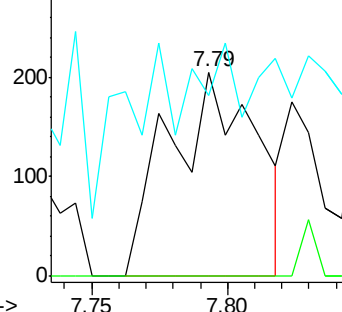
39 7.5 54.6 81.8#



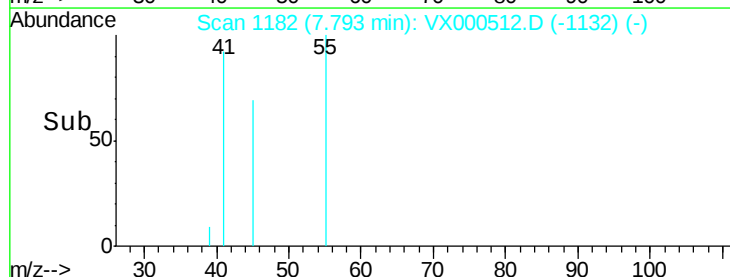
Abundance Ion 41.00 (40.70 to 41.70): VX0

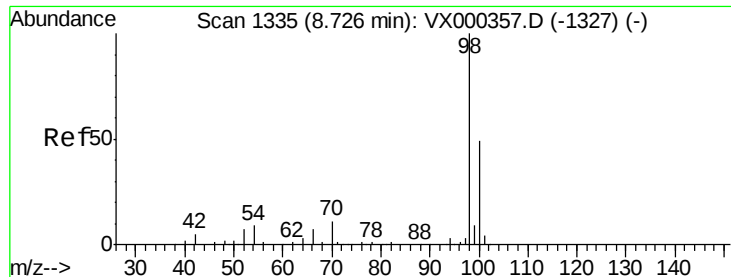
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





#50

Toluene-d8

Concen: 50.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

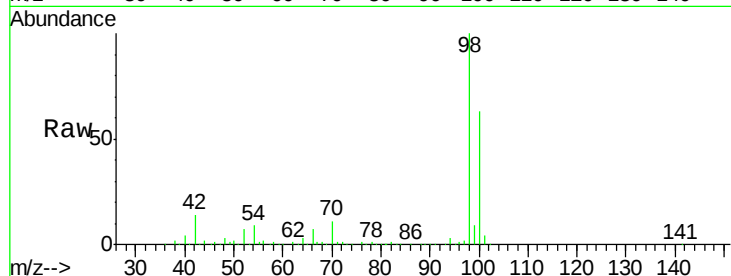
ClientSampled :

Tot Ion: 98 Resp: 286714

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX000512.D (-1286) (-)

Ion 100.00 (99.70 to 100.70): VX000512.D (-1286) (-)

8.72

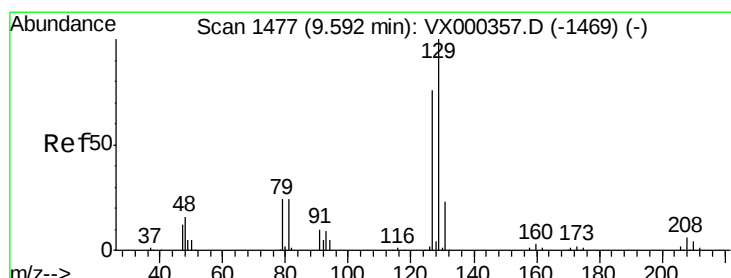
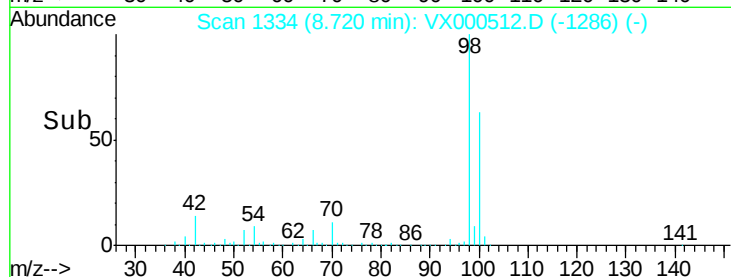
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 4.16 ug/l

RT: 9.46 min Scan# 1456

Delta R.T. -0.13 min

Lab File: VX000512.D

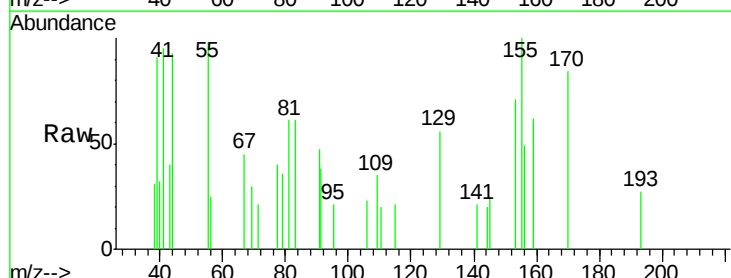
Acq: 29 Mar 2018 15:07

Tgt Ion: 129 Resp: 102

Ion Ratio Lower Upper

129 100

127 71.6 37.9 113.6



Abundance Ion 128.80 (128.50 to 129.50): VX000512.D (-1428) (-)

Ion 126.80 (126.50 to 127.50): VX000512.D (-1428) (-)

9.46

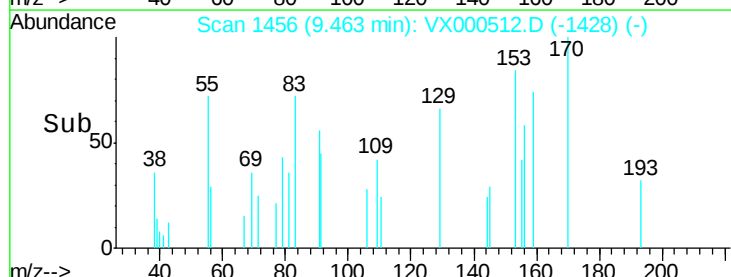
150

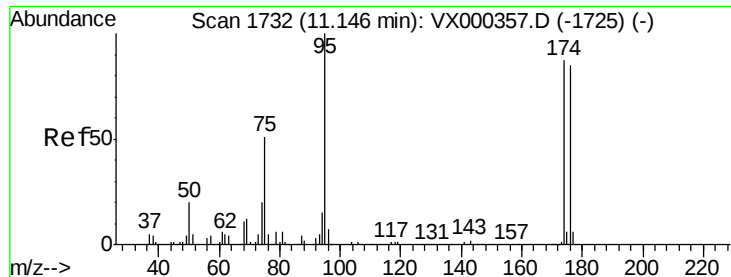
100

50

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.95 ug/l

RT: 11.15 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

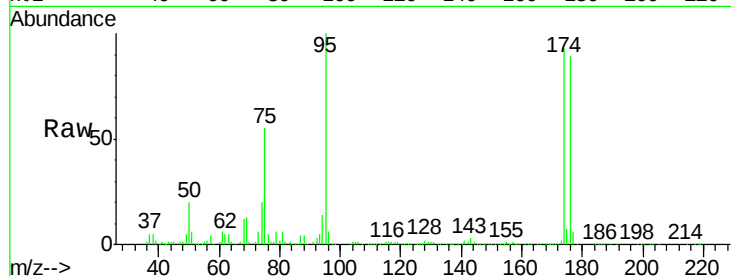
Tot Ion: 95 Resp: 109190

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.6

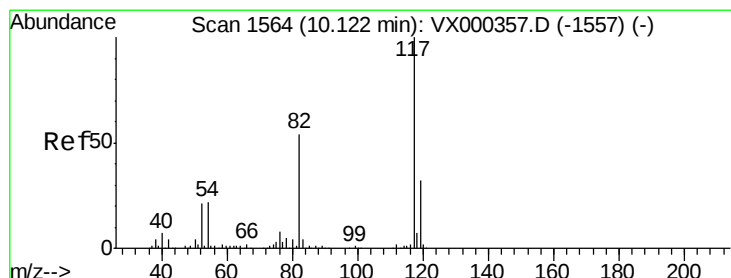
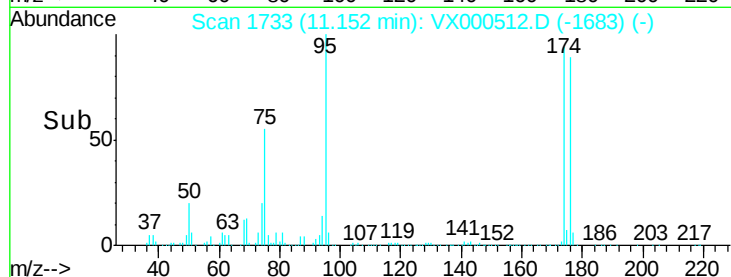
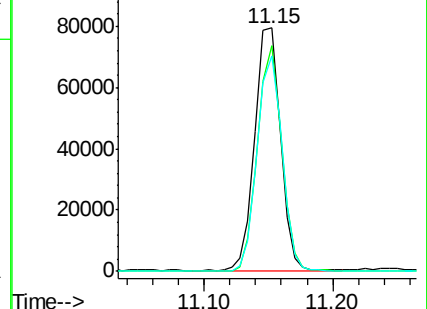
176 86.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000512.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000512.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000512.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

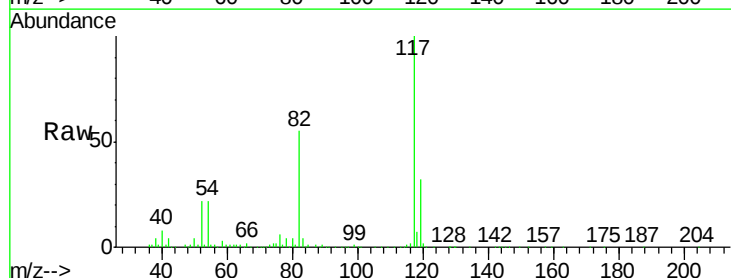
Tgt Ion: 117 Resp: 226376

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.8

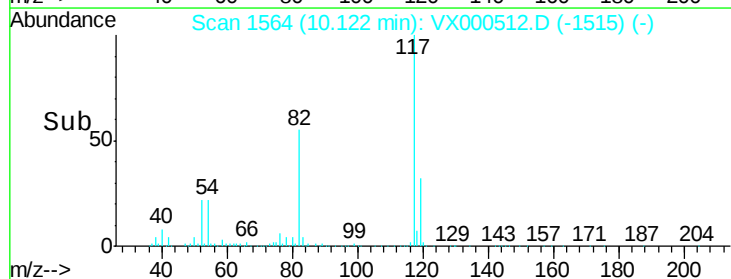
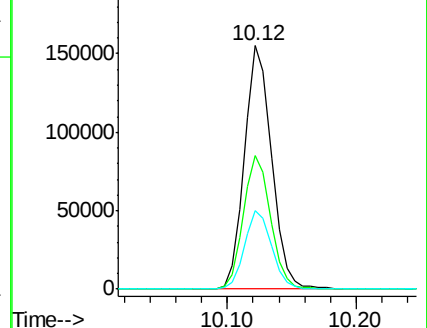
119 32.0 24.9 37.3

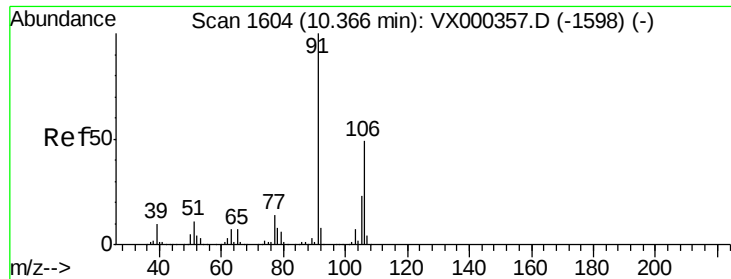


Abundance Ion 116.90 (116.60 to 117.60): VX000512.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000512.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000512.D (-1515) (-)

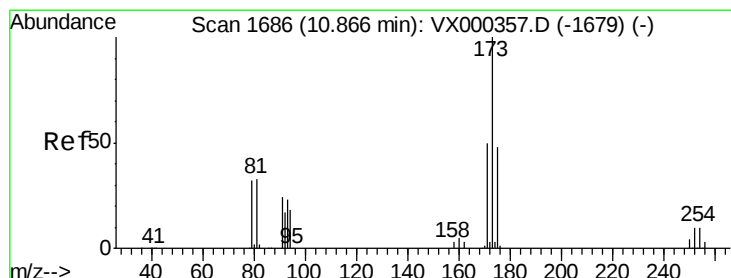
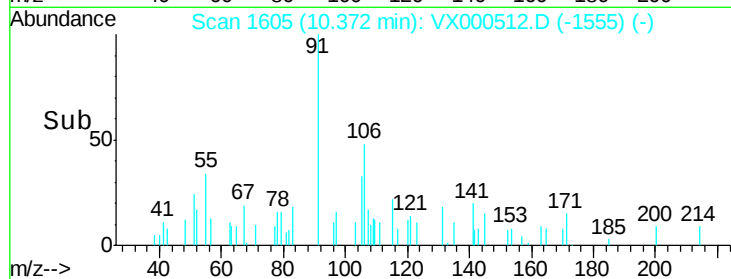
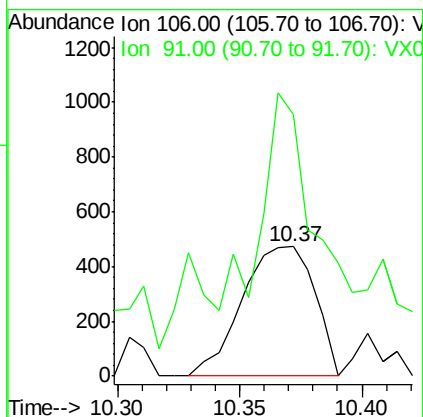
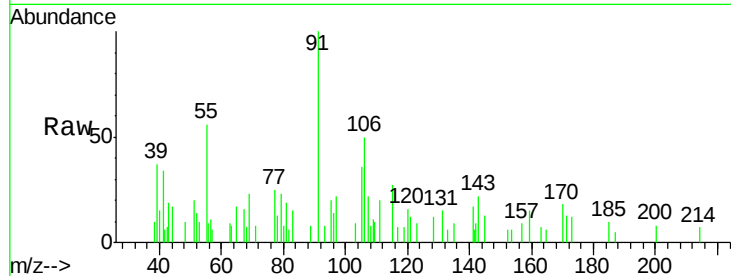




#68
m/p-Xvlenes
Concen: 0.29 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

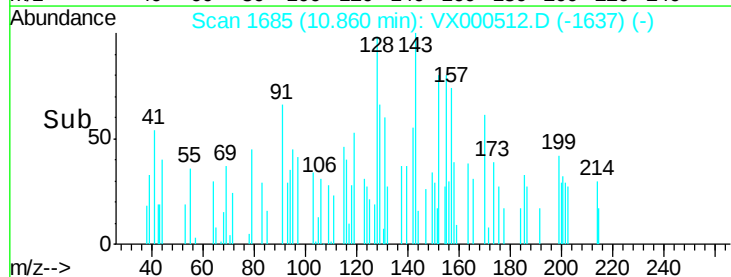
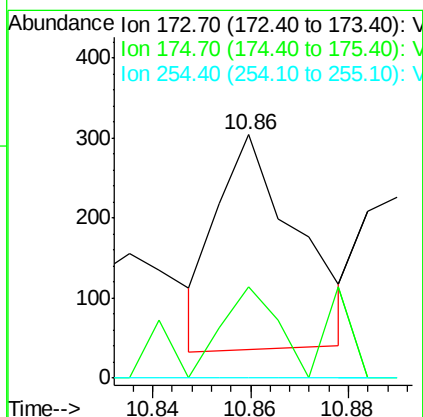
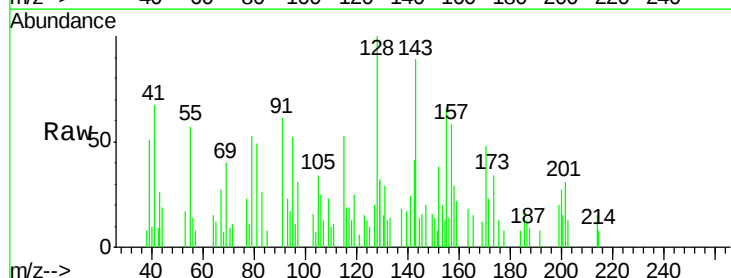
Instrument :
MSVOA_X
ClientSampled :

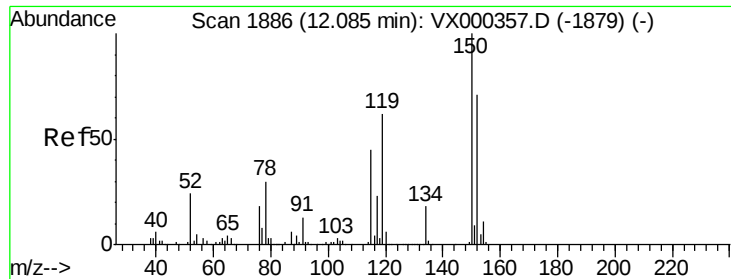
Tot Ion:106 Resp: 980
Ion Ratio Lower Upper
106 100
91 111.4 163.4 245.2#



#71
Bromoform
Concen: 4.92 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

Tgt Ion:173 Resp: 305
Ion Ratio Lower Upper
173 100
175 0.0 25.4 76.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

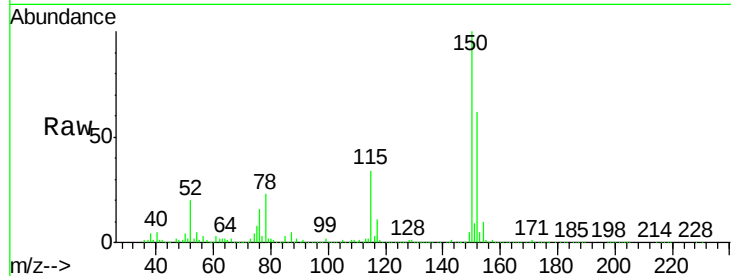
Tot Ion:152 Resp: 131571

Ion Ratio Lower Upper

152 100

115 56.6 39.8 119.3

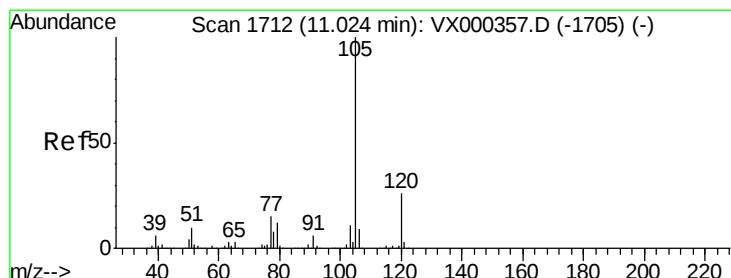
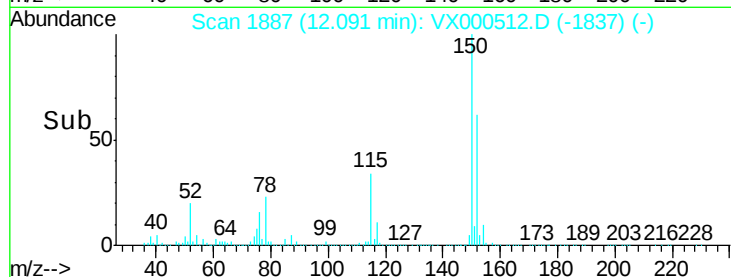
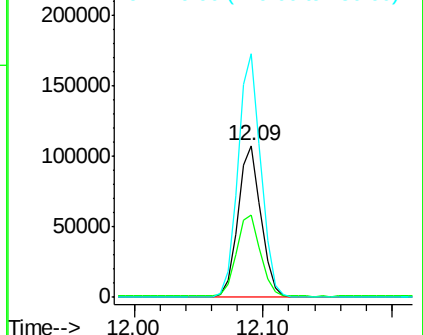
150 160.1 0.0 344.4



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



#73

Isopropylbenzene

Concen: 0.39 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX000512.D

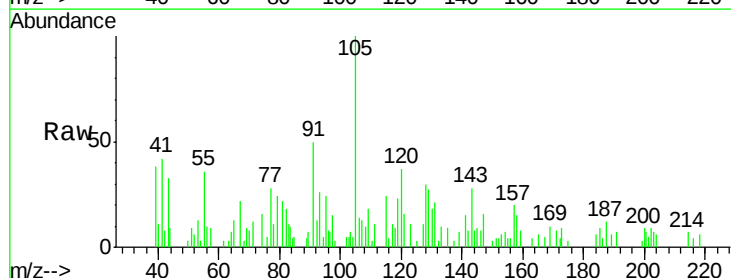
Acq: 29 Mar 2018 15:07

Tgt Ion:105 Resp: 3424

Ion Ratio Lower Upper

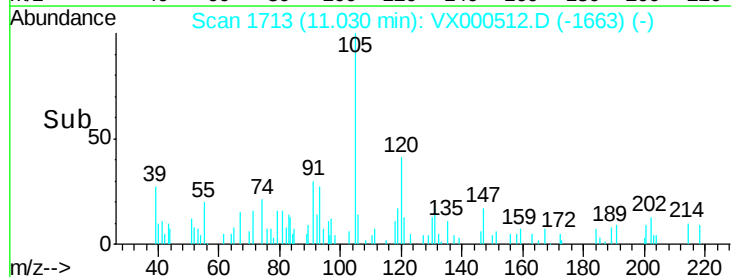
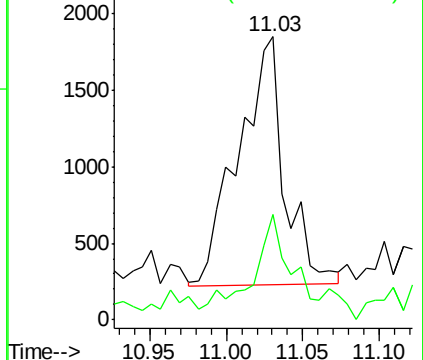
105 100

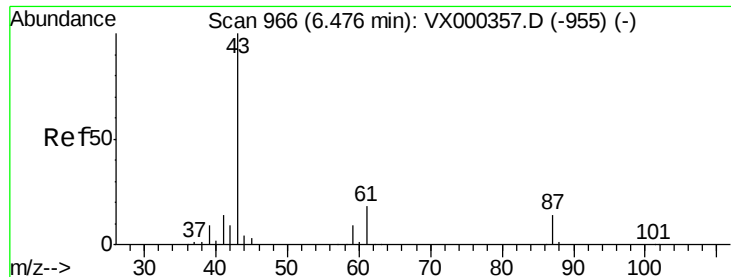
120 32.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 6.53 min Scan# 975

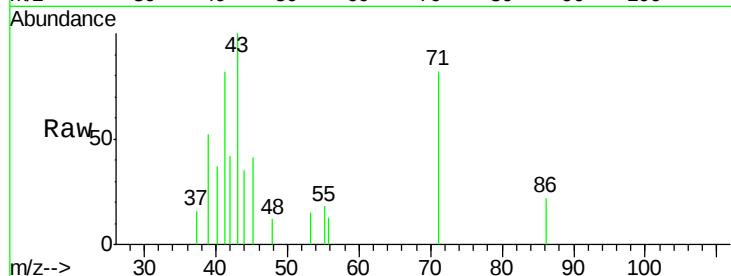
Delta R.T. 0.06 min

Lab File: VX000512.D

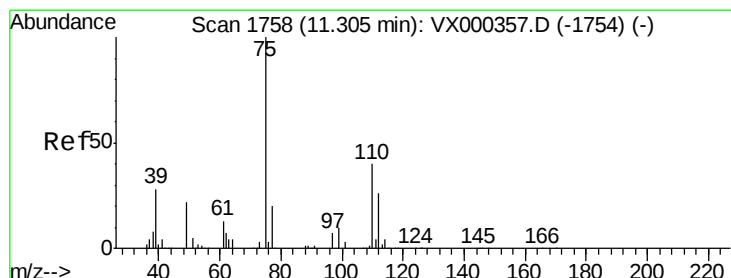
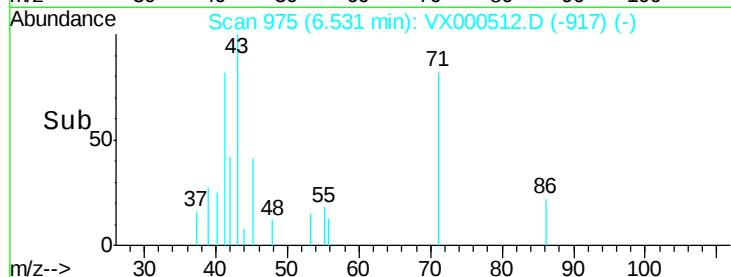
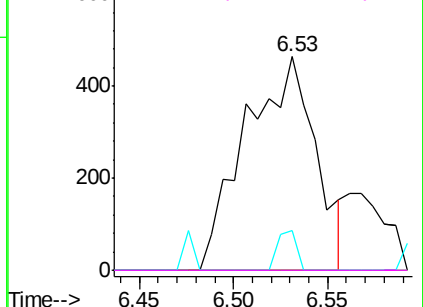
Acq: 29 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	1199
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	4.9	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: 21.85 ug/l

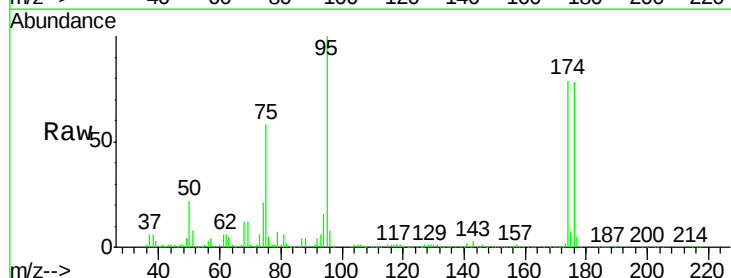
RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

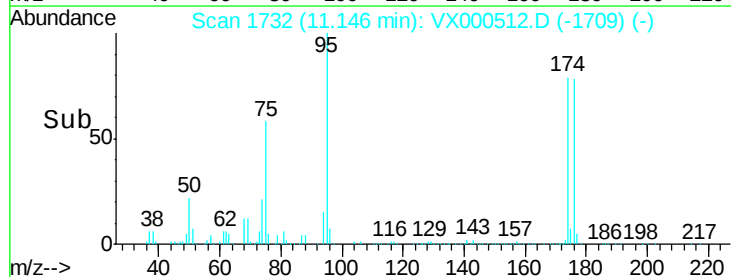
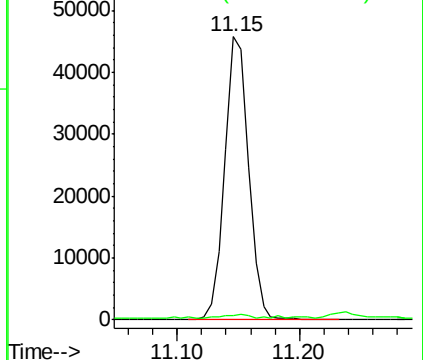
Lab File: VX000512.D

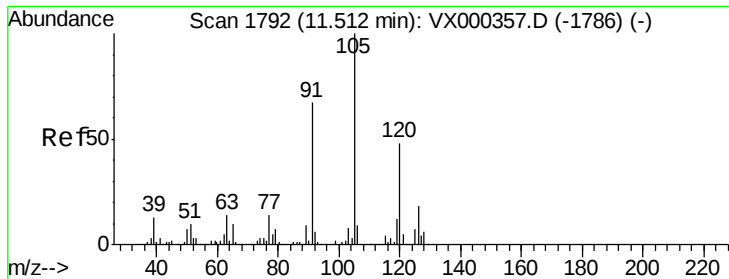
Acq: 29 Mar 2018 15:07

Tgt Ion:	75	Resp:	61789
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





#80

1,3,5-Trimethylbenzene

Concen: 0.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

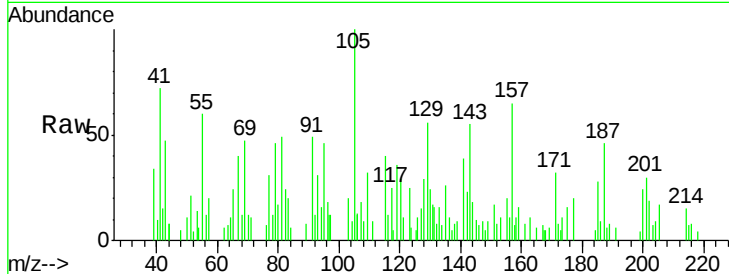
ClientSampled :

Tot Ion:105 Resp: 1720

Ion Ratio Lower Upper

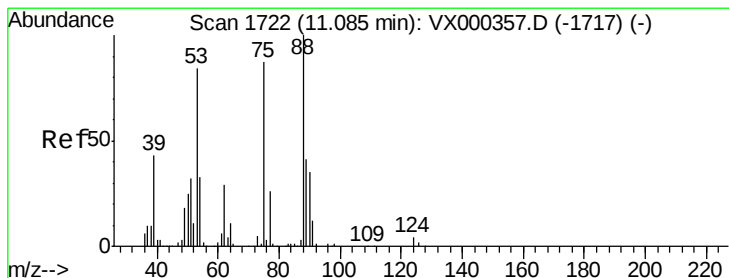
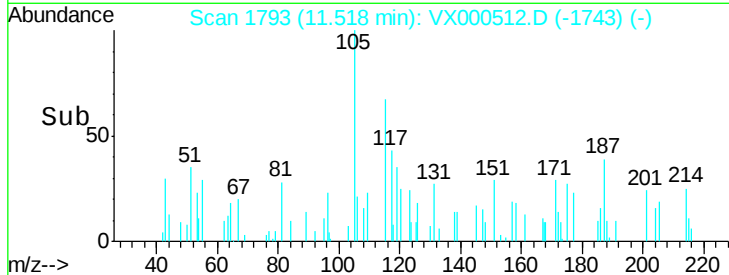
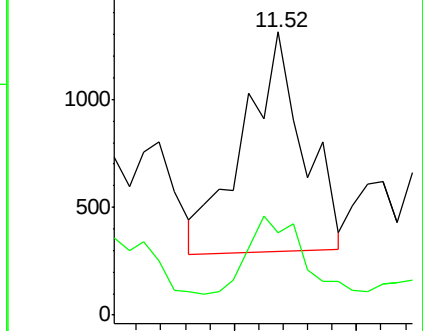
105 100

120 32.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 70.75 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

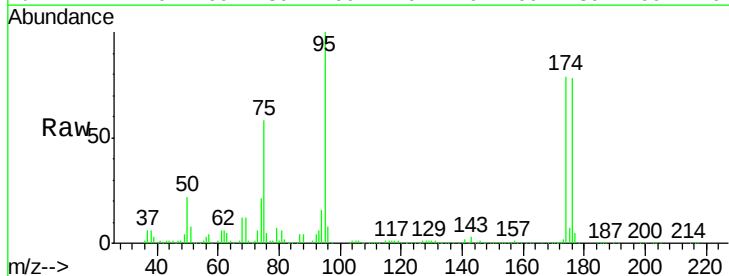
Tgt Ion: 75 Resp: 61789

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

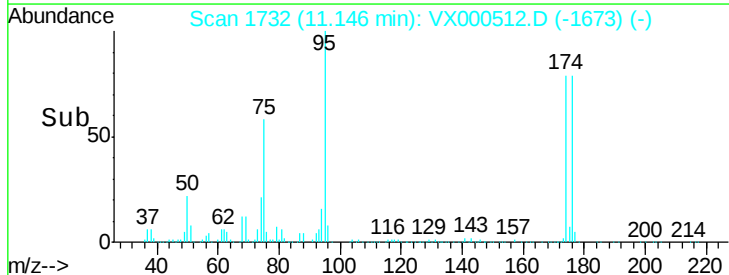
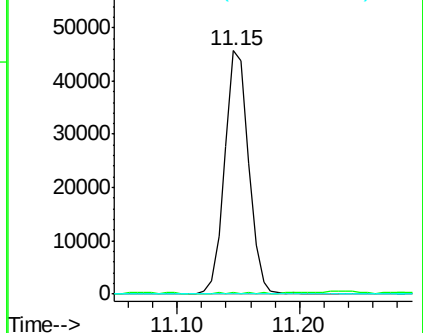
89 0.1 39.4 59.0#

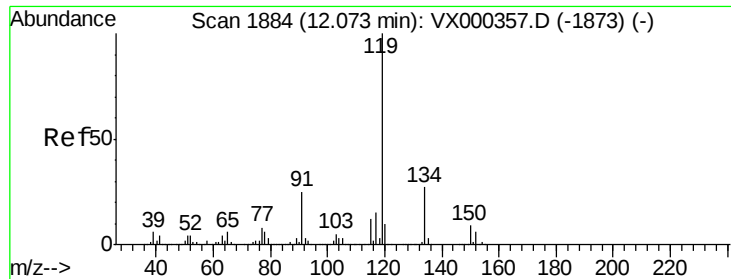


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

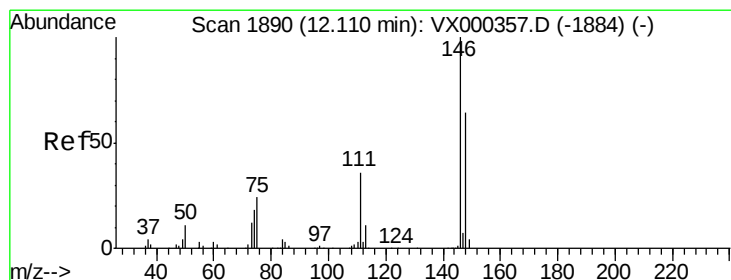
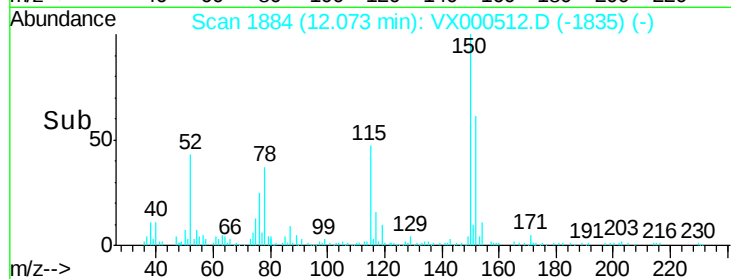
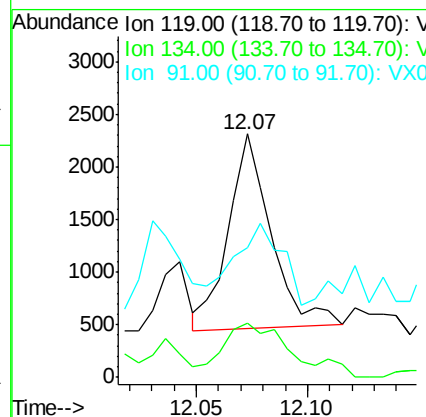
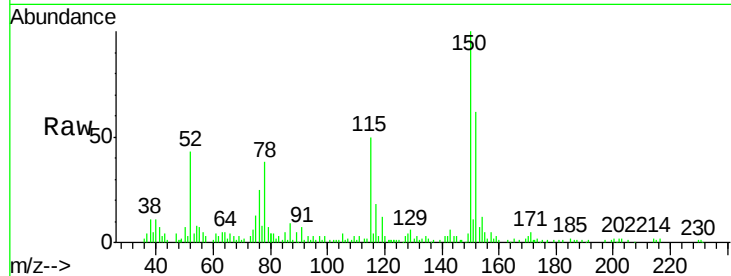




#86
 p-Isopropyltoluene
 Concen: 0.30 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000512.D
 Acq: 29 Mar 2018 15:07

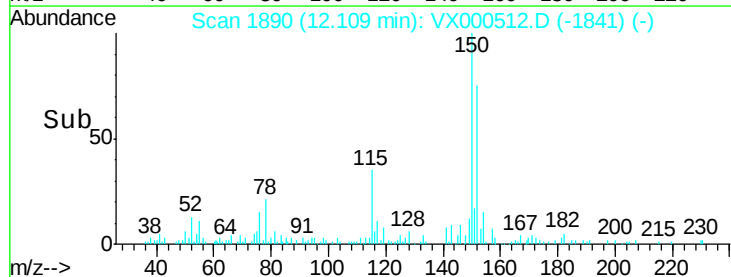
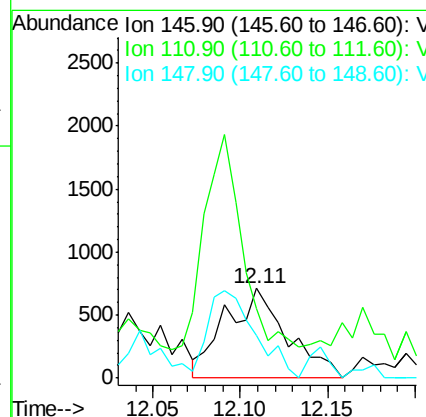
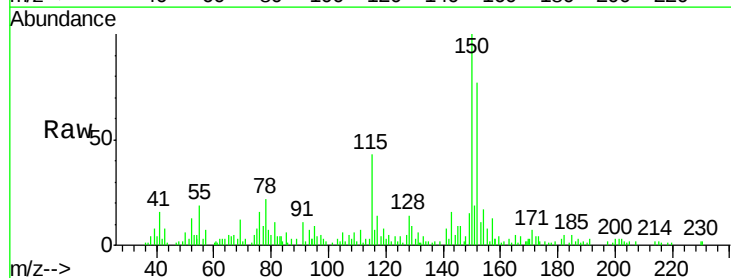
Instrument :
 MSVOA_X
 ClientSampleId :

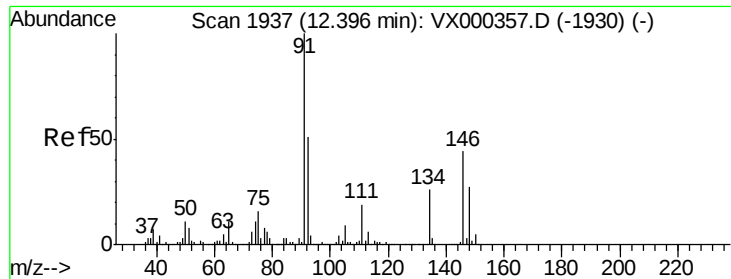
Tot Ion:119 Resp: 2466
 Ion Ratio Lower Upper
 119 100
 134 45.1 13.3 39.9#
 91 43.3 12.0 36.1#



#88
 1,4-Dichlorobenzene
 Concen: 0.38 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000512.D
 Acq: 29 Mar 2018 15:07

Tgt Ion:146 Resp: 1733
 Ion Ratio Lower Upper
 146 100
 111 158.0 18.9 56.9#
 148 75.1 31.0 93.0

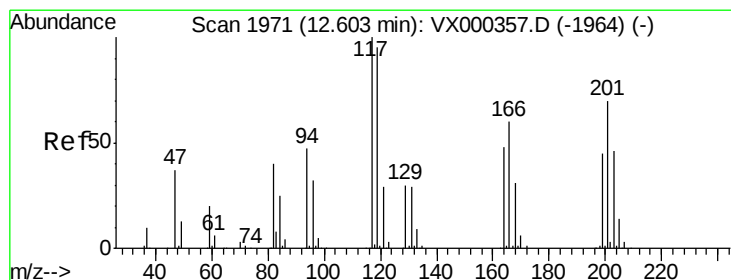
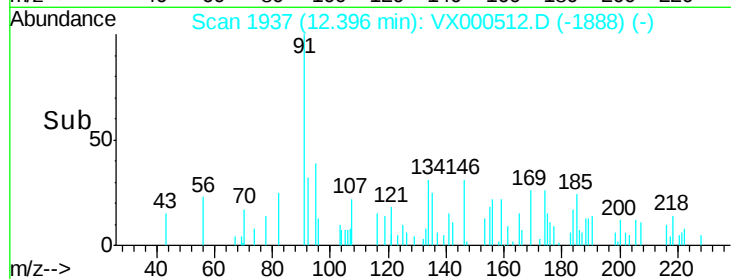
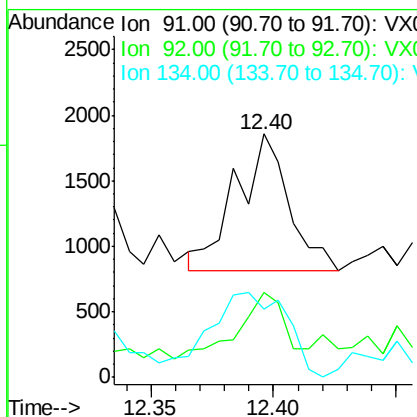
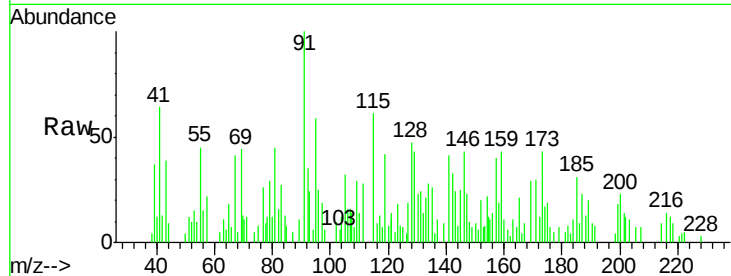




#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

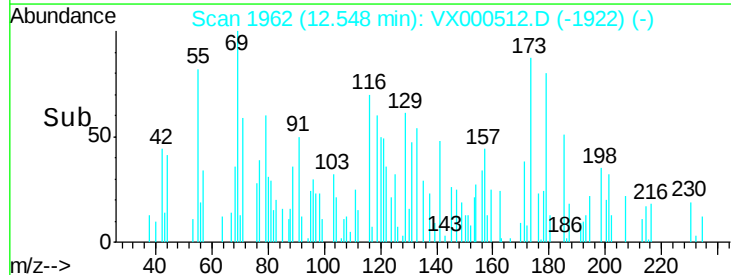
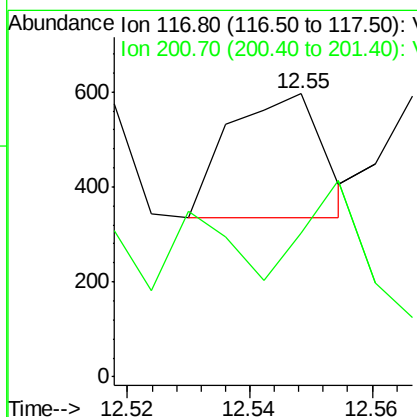
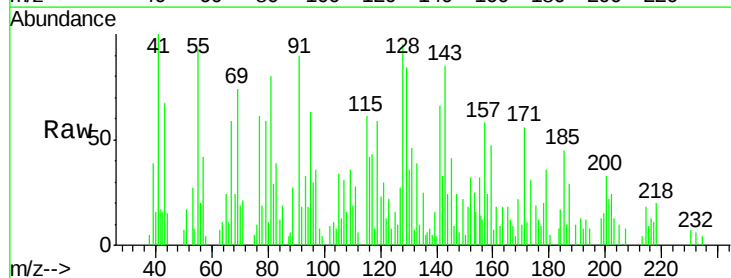
Instrument :
MSVOA_X
ClientSampleId :

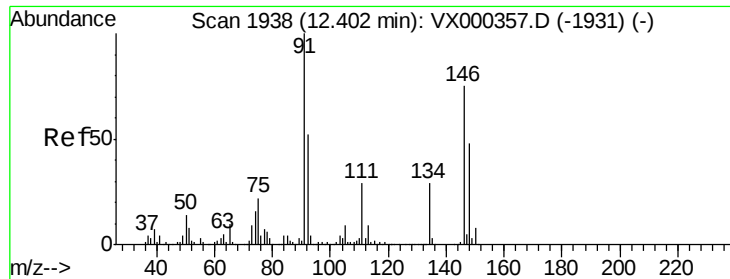
Tot Ion: 91 Resp: 1550
Ion Ratio Lower Upper
91 100
92 42.8 25.9 77.8
134 92.3 13.1 39.3#



#90
Hexachloroethane
Concen: 0.22 ug/l
RT: 12.55 min Scan# 1962
Delta R.T. -0.06 min
Lab File: VX000512.D
Acq: 29 Mar 2018 15:07

Tgt Ion: 117 Resp: 275
Ion Ratio Lower Upper
117 100
201 71.3 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 0.36 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampled :

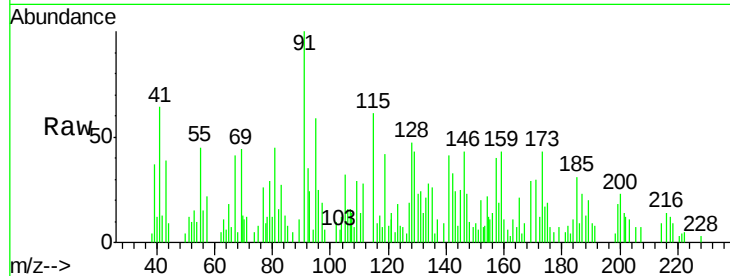
Tot Ion:146 Resp: 1540

Ion Ratio Lower Upper

146 100

111 54.5 20.1 60.2

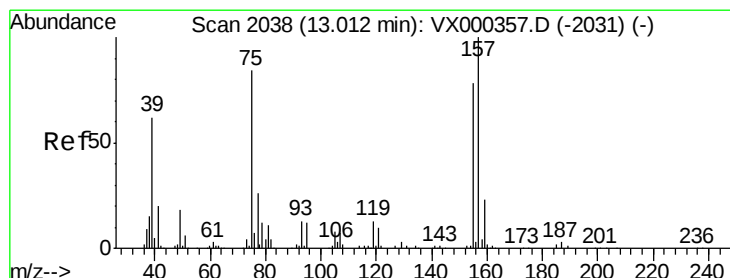
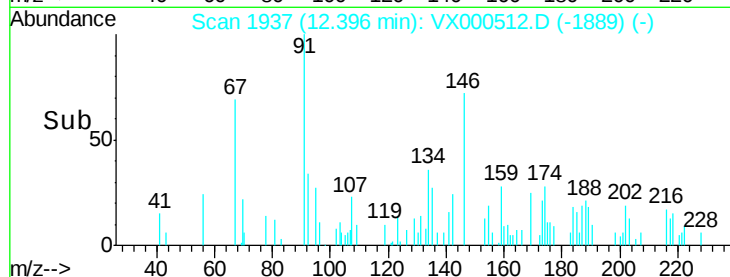
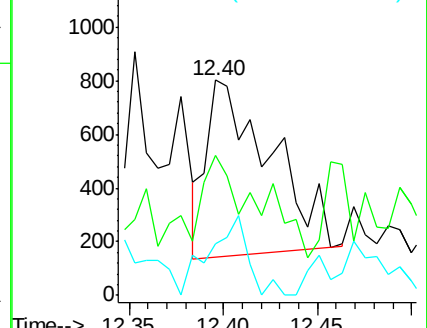
148 27.4 31.2 93.6#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.71 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

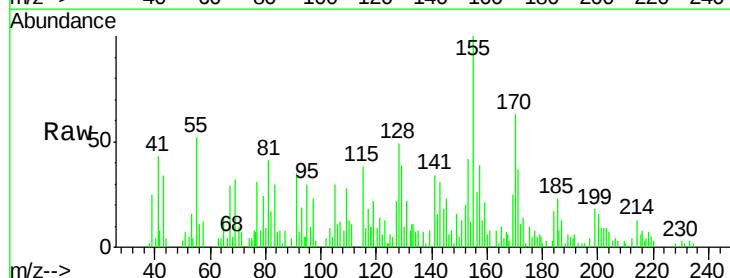
Tgt Ion: 75 Resp: 610

Ion Ratio Lower Upper

75 100

155 2219.7 45.0 134.8#

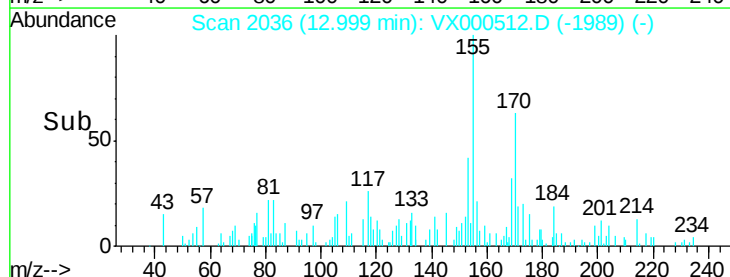
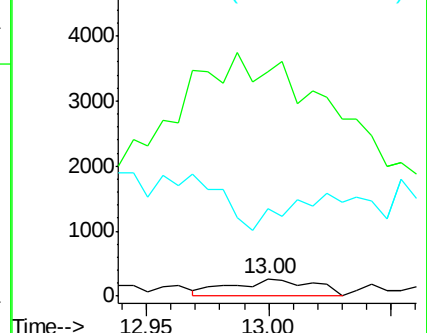
157 0.0 58.1 174.2#

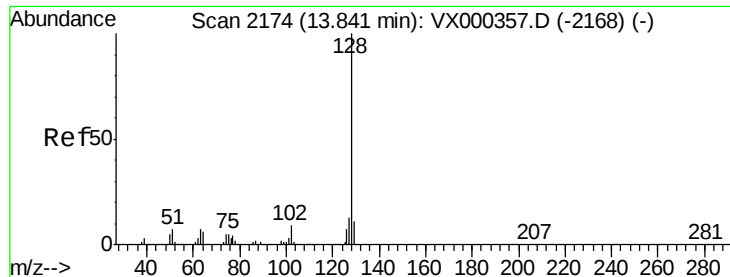


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.56 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

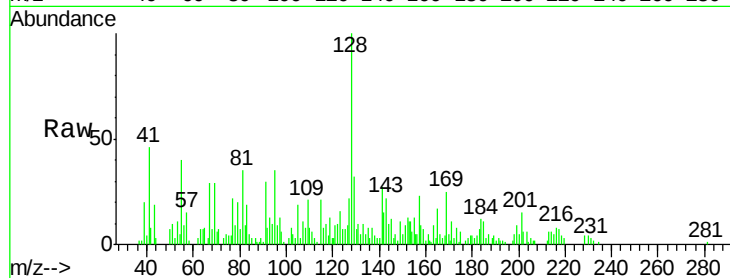
Tot Ion:128 Resp: 5996

Ion Ratio Lower Upper

128 100

127 30.3 10.6 15.8#

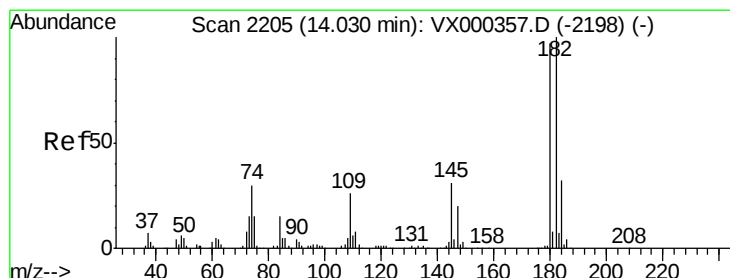
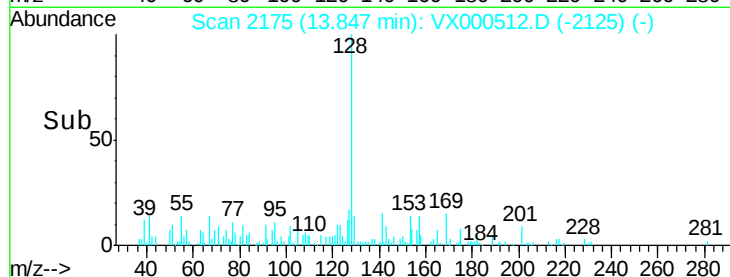
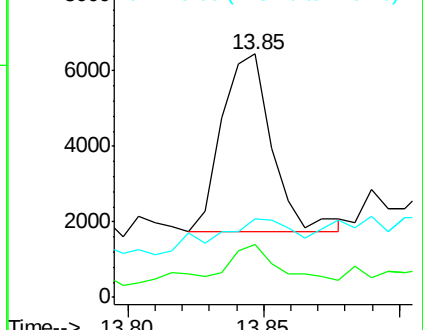
129 31.2 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.28 ug/l

RT: 14.04 min Scan# 2206

Delta R.T. 0.01 min

Lab File: VX000512.D

Acq: 29 Mar 2018 15:07

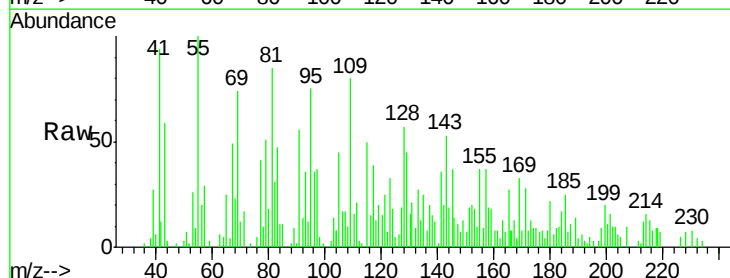
Tgt Ion:180 Resp: 845

Ion Ratio Lower Upper

180 100

182 49.3 47.4 142.3

145 77.5 15.8 47.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

