

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000279.D
 Acq On : 12 Mar 2018 16:54
 Operator : JC/MD
 Sample : J1727-02
 Misc : 5.27g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 13 04:35:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	185605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	160849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	74066	28.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.58%	
35) Dibromofluoromethane	5.52	113	53166	27.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.24%	
50) Toluene-d8	8.73	98	221407	27.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.54%	
62) 4-Bromofluorobenzene	11.15	95	81859	25.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.66%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	584	0.30	ug/l	96
6) Chloroethane	1.72	64	346	Below	Cal	94
10) Methyl Iodide	2.48	142	1875	3.93	ug/l #	92
11) Tert butyl alcohol	3.04	59	1088	1.15	ug/l #	72
13) Acrolein	2.31	56	206	0.41	ug/l	90
16) Acetone	2.38	43	31839	17.23	ug/l #	46
18) Methyl Acetate	2.81	43	2190	0.56	ug/l	97
20) Methylene Chloride	2.86	84	1251	0.57	ug/l #	76
31) Cyclohexane	5.59	56	1044	0.37	ug/l #	40
36) 1,1-Dichloropropene	5.67	75	15134	5.45	ug/l #	50
38) Carbon Tetrachloride	5.67	117	18868	6.71	ug/l #	15
39) Methylcyclohexane	7.46	83	5840	1.71	ug/l	92
48) Methyl methacrylate	7.73	41	752	0.26	ug/l #	22
51) 4-Methyl-2-Pentanone	8.68	43	1353	0.31	ug/l #	57
52) Toluene	8.79	92	1713	0.31	ug/l	99
56) Ethyl methacrylate	9.16	69	1535	0.46	ug/l #	1
59) 2-Hexanone	9.45	43	6222	1.67	ug/l #	31
67) Ethyl Benzene	10.26	91	7199	0.68	ug/l	95
68) m/p-Xylenes	10.37	106	5810	1.42	ug/l	91
69) o-Xylene	10.71	106	1915	0.49	ug/l	99
73) Isopropylbenzene	11.03	105	7034	0.70	ug/l	97
76) 1,2,3-Trichloropropane	11.15	75	44374	13.76	ug/l #	35
78) n-propylbenzene	11.37	91	38036	3.21	ug/l	100
79) 2-Chlorotoluene	11.68	91	2338	0.35	ug/l	83
80) 1,3,5-Trimethylbenzene	11.52	105	21477	2.55	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.15	75	44374	42.14	ug/l #	12
82) 4-Chlorotoluene	11.68	91	2566	0.32	ug/l	90
84) 1,2,4-Trimethylbenzene	11.82	105	57894	6.70	ug/l	100
85) sec-Butylbenzene	11.96	105	17931	1.73	ug/l	92
86) p-Isopropyltoluene	12.04	119	5211	0.57	ug/l	91
89) n-Butylbenzene	12.40	91	44138	5.02	ug/l #	61
90) Hexachloroethane	12.60	117	3766	2.56	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.02	75	520	0.52	ug/l #	12
95) Naphthalene	13.85	128	24768	1.99	ug/l #	90

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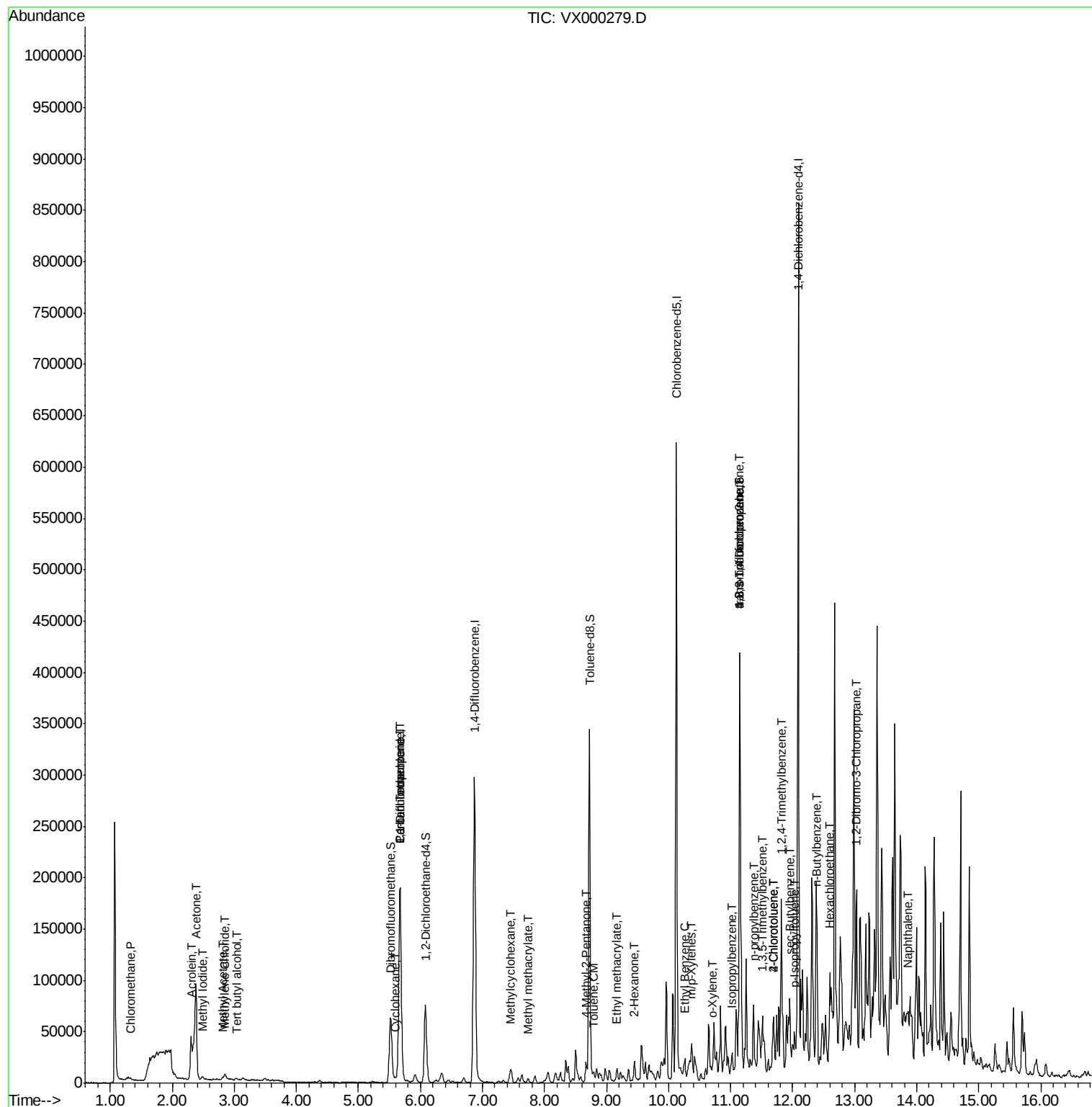
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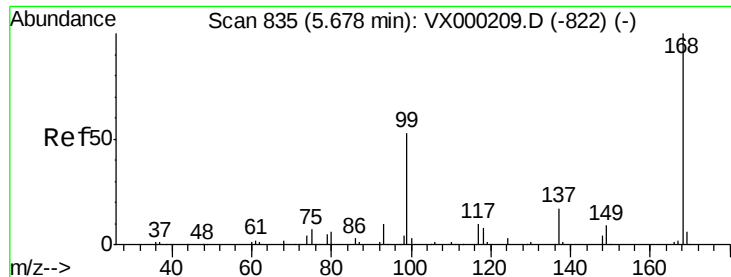
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

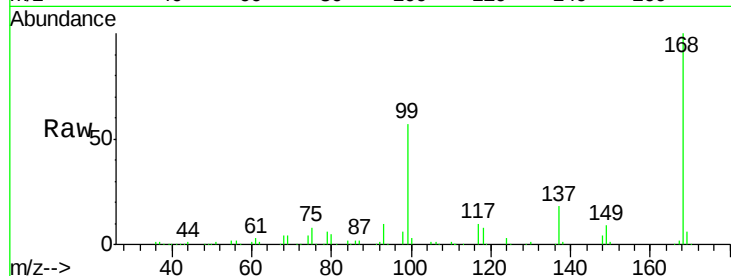
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 185605

Ion Ratio Lower Upper

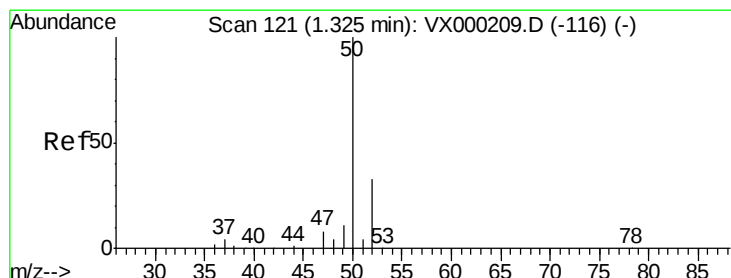
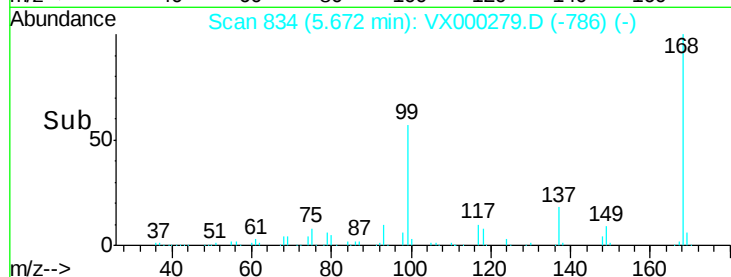
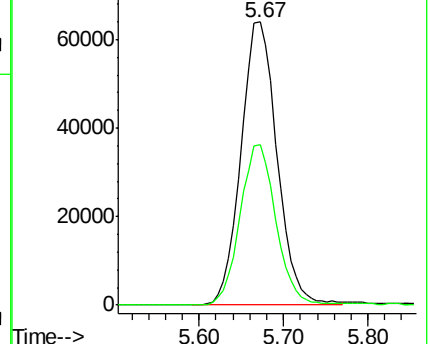
168 100

99 56.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.30 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX000279.D

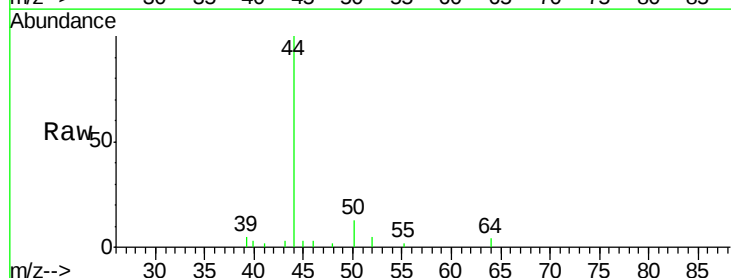
Acq: 12 Mar 2018 16:54

Tgt Ion: 50 Resp: 584

Ion Ratio Lower Upper

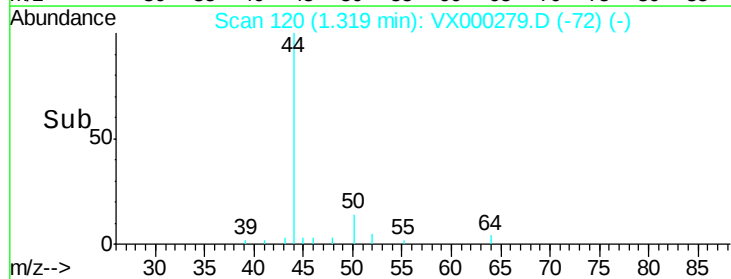
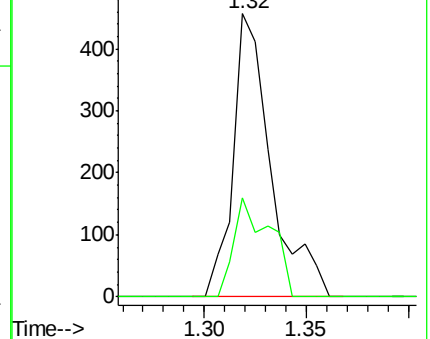
50 100

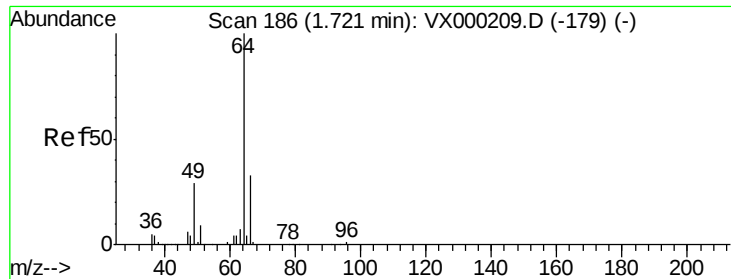
52 34.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

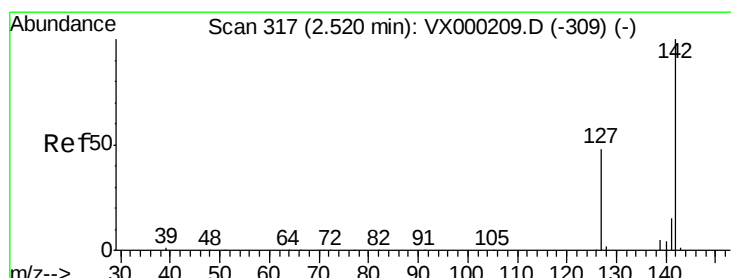
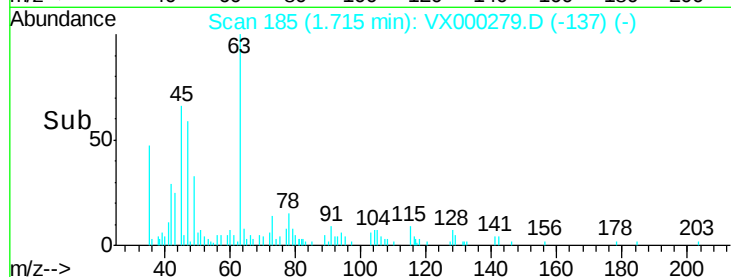
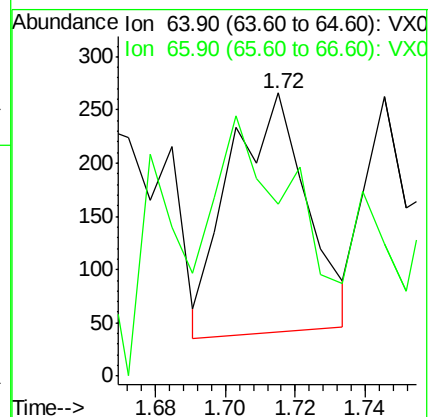
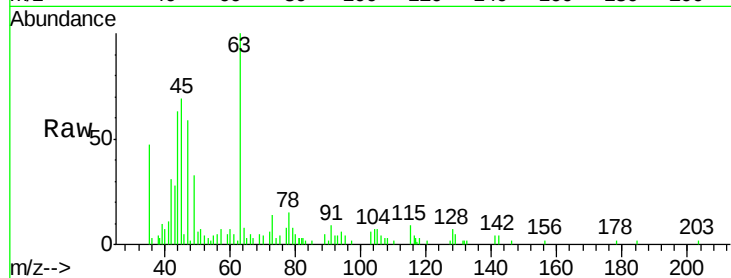
ClientSampled :

Tot Ion: 64 Resp: 346

Ion Ratio Lower Upper

64 100

66 36.5 26.2 39.4



#10

Methyl Iodide

Concen: 3.93 ug/l

RT: 2.48 min Scan# 311

Delta R.T. -0.04 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

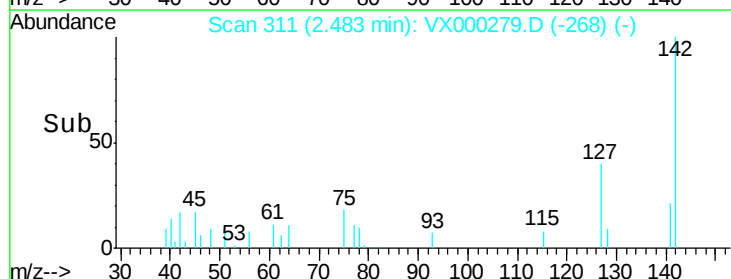
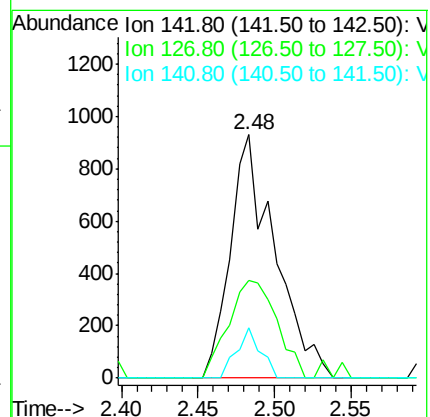
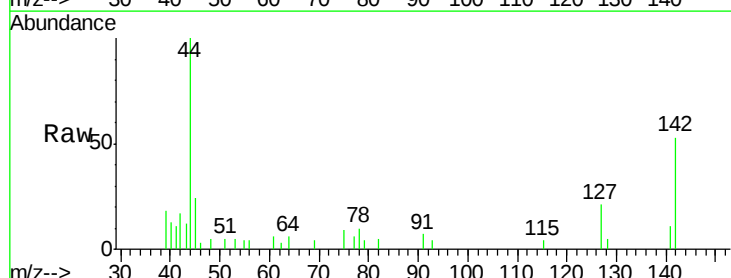
Tgt Ion: 142 Resp: 1875

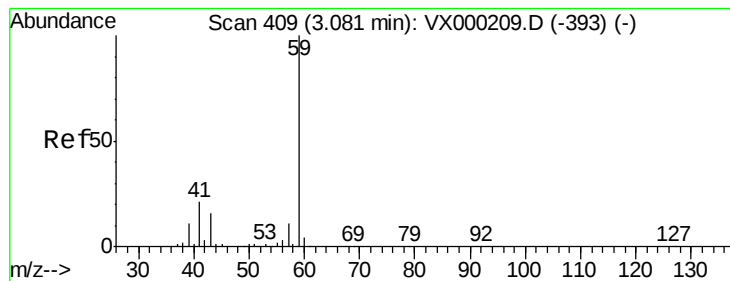
Ion Ratio Lower Upper

142 100

127 43.6 39.0 58.6

141 11.0 11.6 17.4#



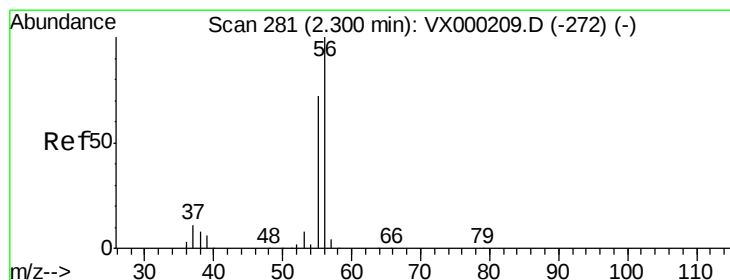
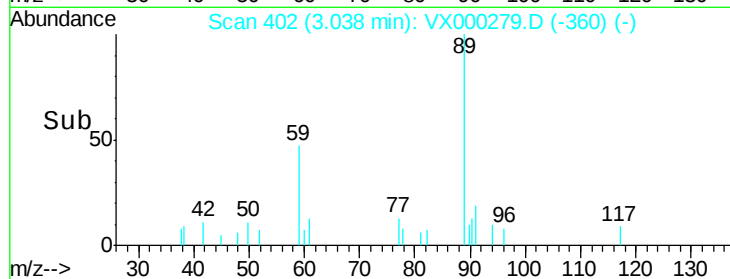
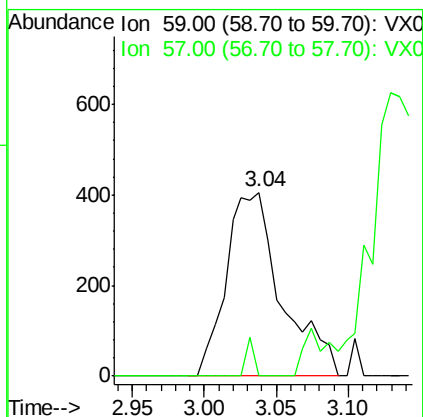
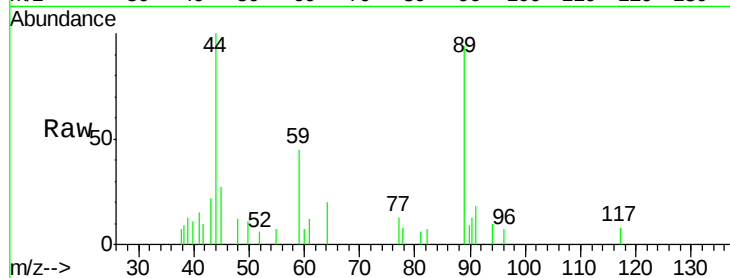


#11

Tert butyl alcohol
 Concen: 1.15 ug/l
 RT: 3.04 min Scan# 402
 Delta R.T. -0.04 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

Instrument :
 MSVOA_X
 ClientSampleId :

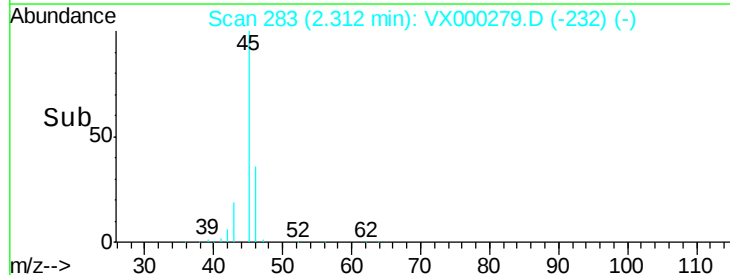
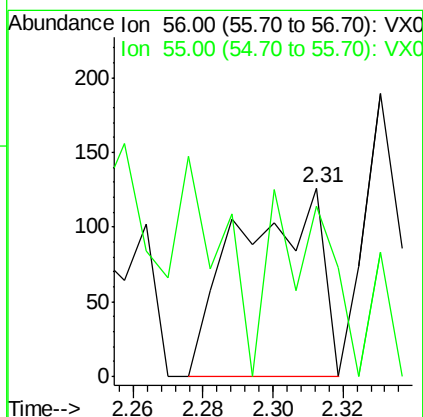
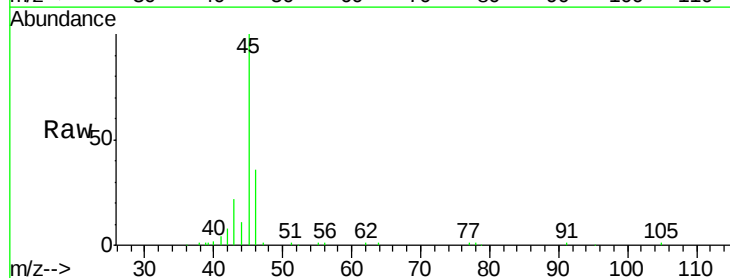
Tot Ion: 59 Resp: 1088
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

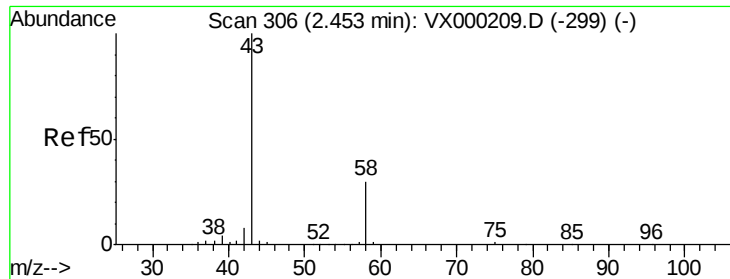


#13

Acrolein
 Concen: 0.41 ug/l
 RT: 2.31 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

Tgt Ion: 56 Resp: 206
 Ion Ratio Lower Upper
 56 100
 55 65.5 59.2 88.8





#16

Acetone

Concen: 17.23 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.07 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

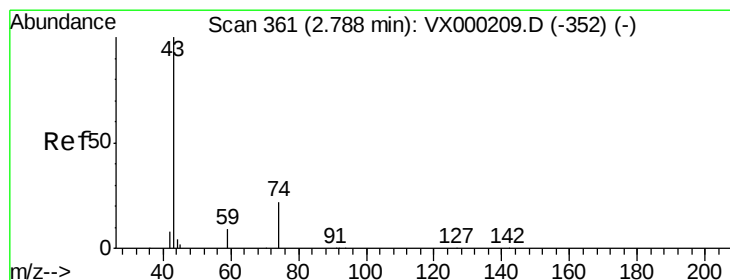
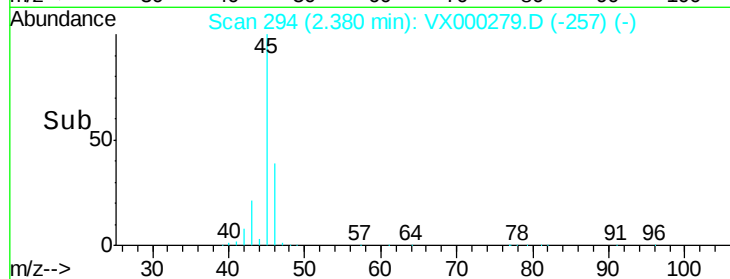
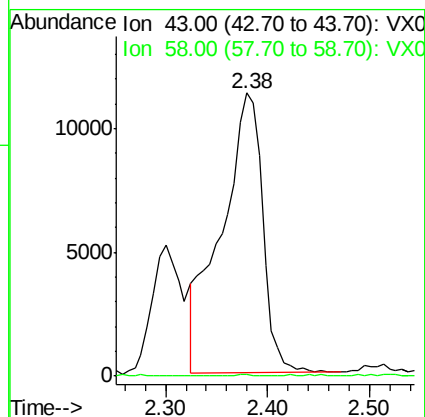
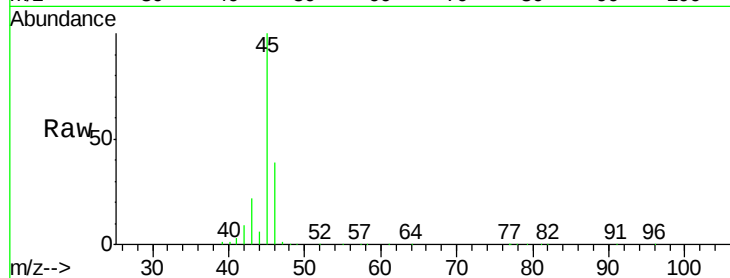
ClientSampled :

Tot Ion: 43 Resp: 31839

Ion Ratio Lower Upper

43 100

58 0.5 23.8 35.6#



#18

Methyl Acetate

Concen: 0.56 ug/l

RT: 2.81 min Scan# 365

Delta R.T. 0.02 min

Lab File: VX000279.D

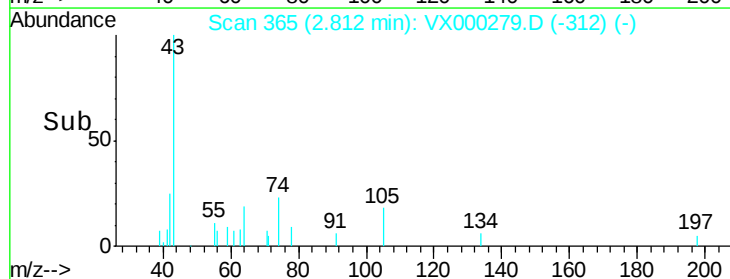
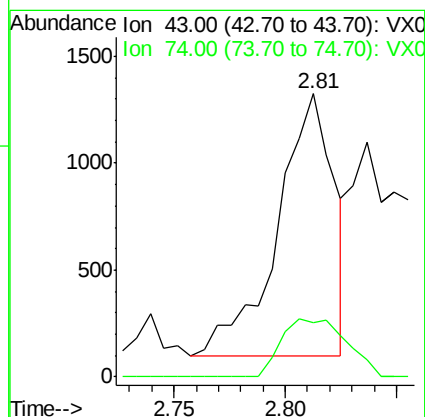
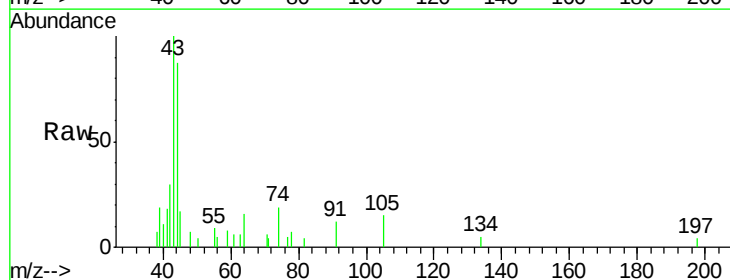
Acq: 12 Mar 2018 16:54

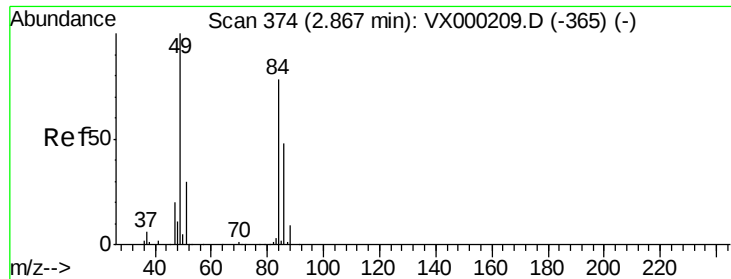
Tgt Ion: 43 Resp: 2190

Ion Ratio Lower Upper

43 100

74 25.1 18.9 28.3

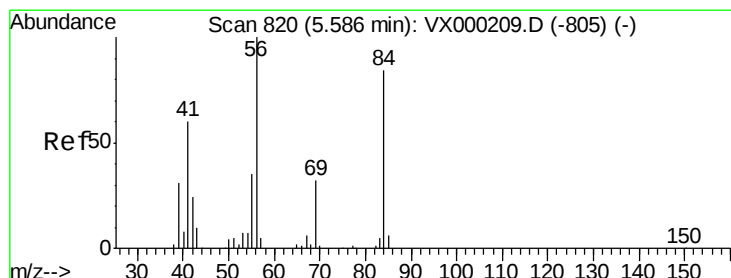
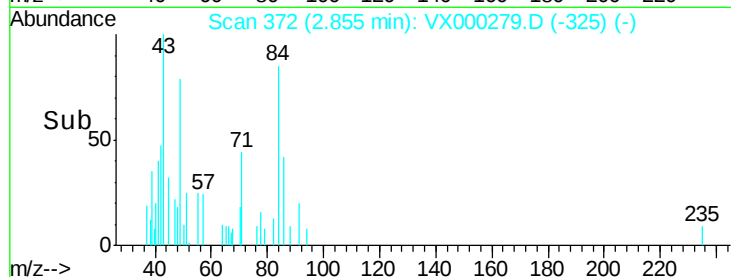
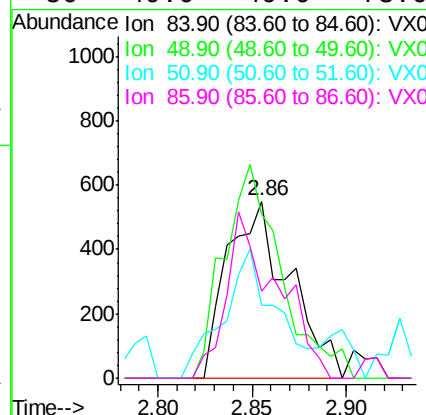
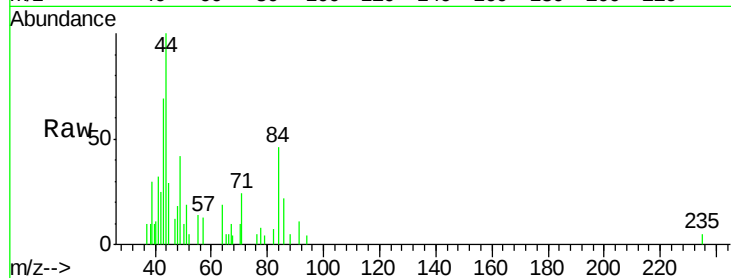




#20
Methvlene Chloride
Concen: 0.57 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

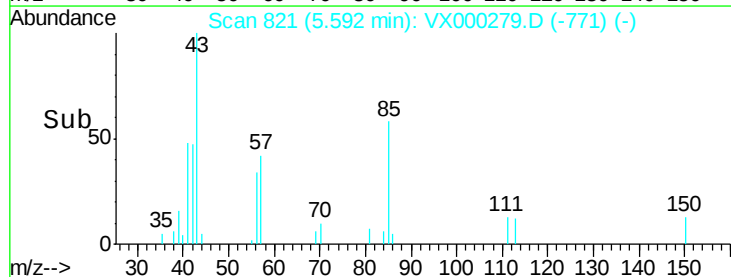
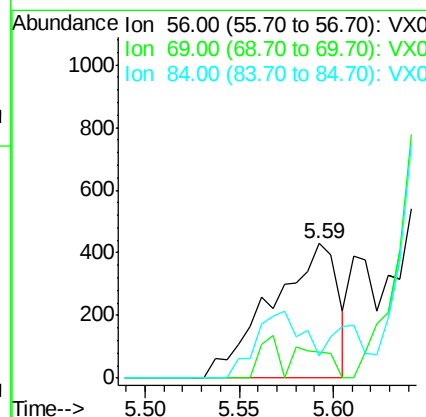
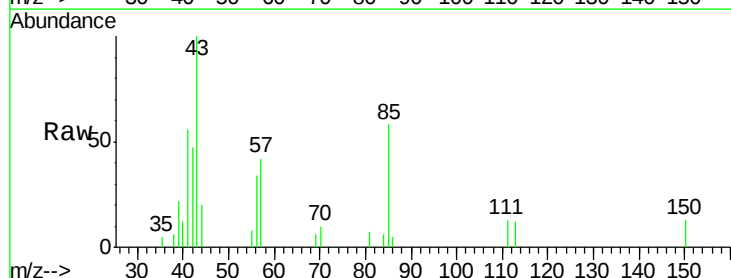
Instrument :
MSVOA_X
ClientSampleId :

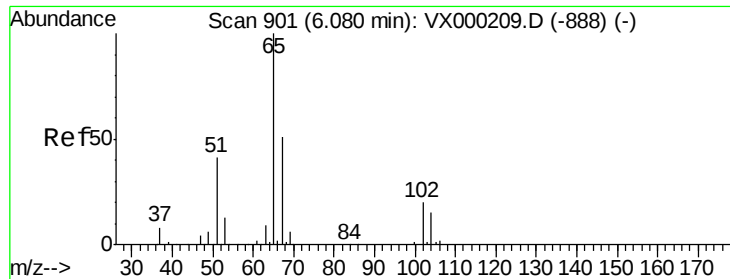
Tot Ion: 84 Resp: 1251
Ion Ratio Lower Upper
84 100
49 92.7 102.1 153.1#
51 27.0 30.6 45.8#
86 49.0 49.0 73.6#



#31
Cyclohexane
Concen: 0.37 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

Tgt Ion: 56 Resp: 1044
Ion Ratio Lower Upper
56 100
69 19.1 25.3 37.9#
84 16.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 28.79 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

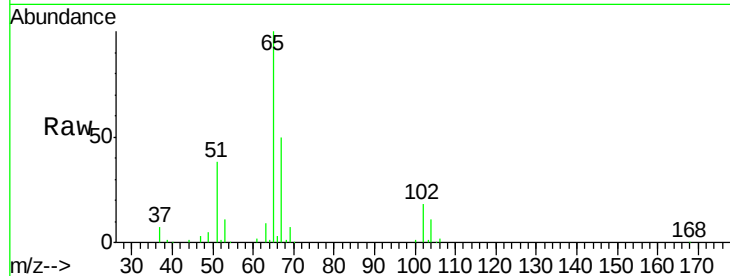
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 74066

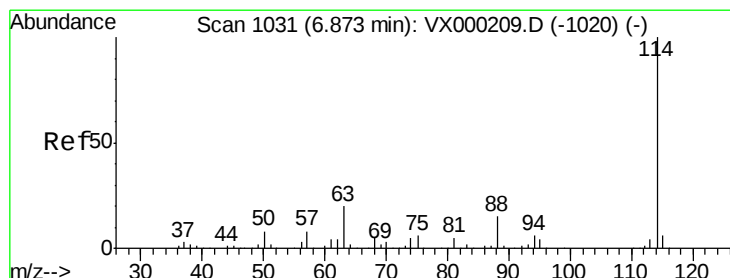
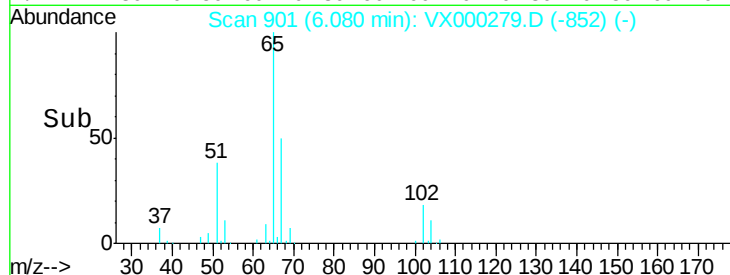
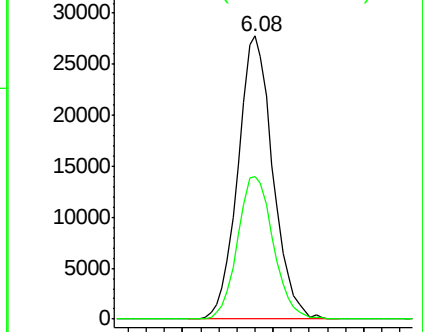
Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.4



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# 1031

Delta R.T. 0.00 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

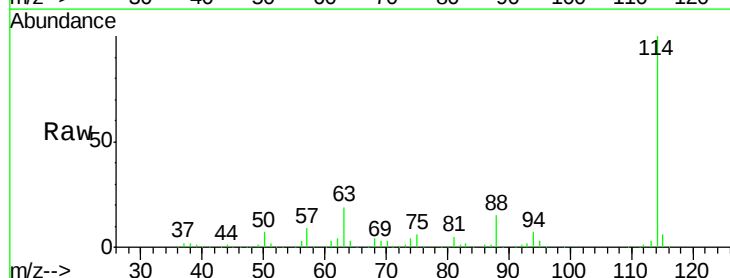
Tgt Ion: 114 Resp: 312118

Ion Ratio Lower Upper

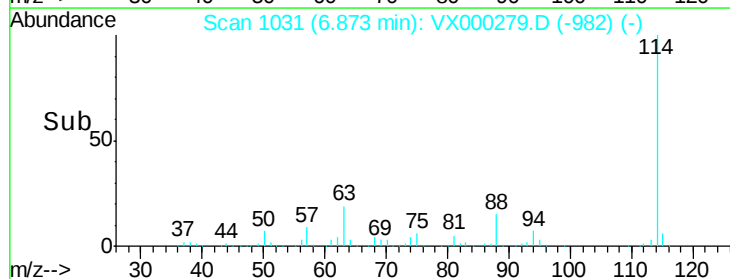
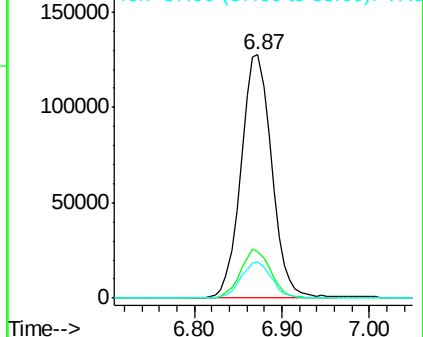
114 100

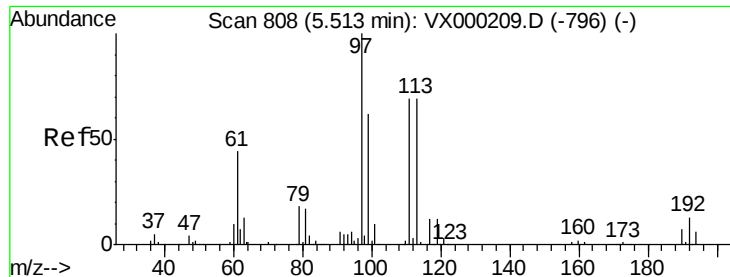
63 19.0 0.0 39.2

88 15.1 0.0 29.8



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: 27.12 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

ClientSampled :

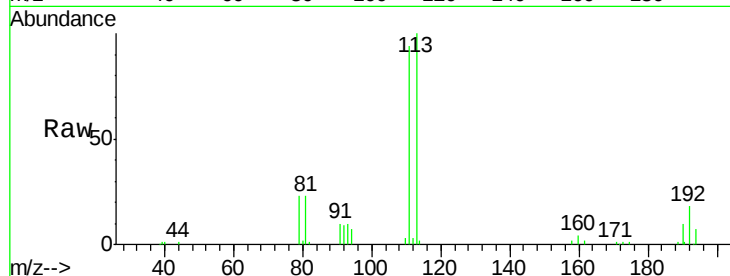
Tot Ion:113 Resp: 53166

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

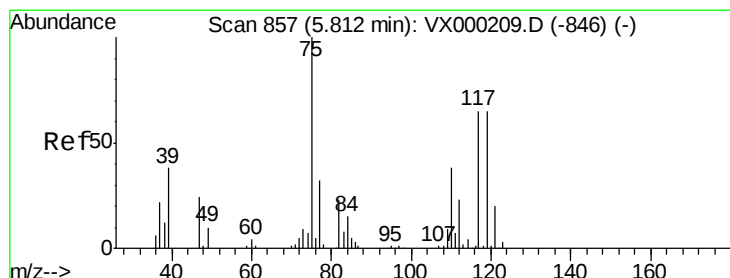
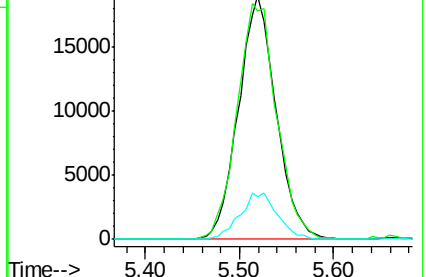
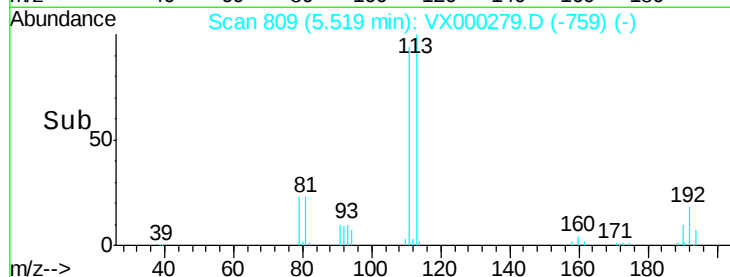
192 19.0 15.5 23.3



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: 5.45 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.15 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

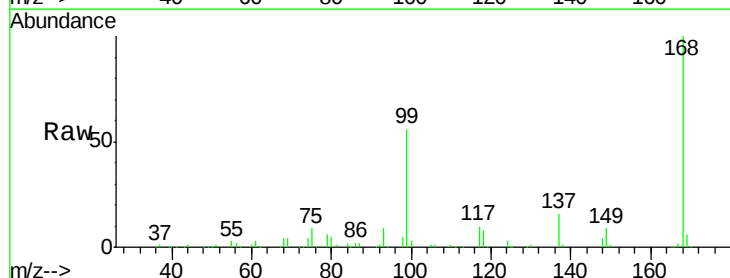
Tgt Ion: 75 Resp: 15134

Ion Ratio Lower Upper

75 100

110 9.7 17.8 53.5#

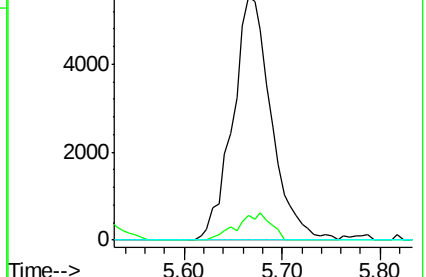
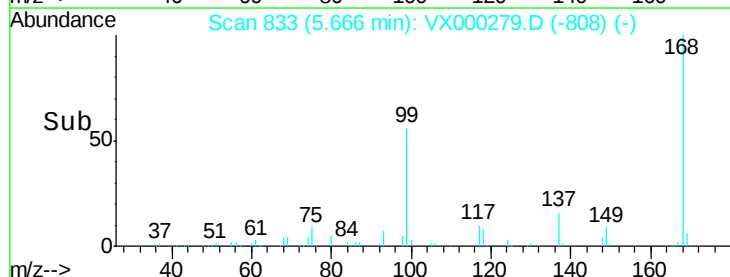
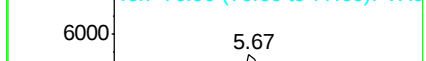
77 0.0 24.9 37.3#

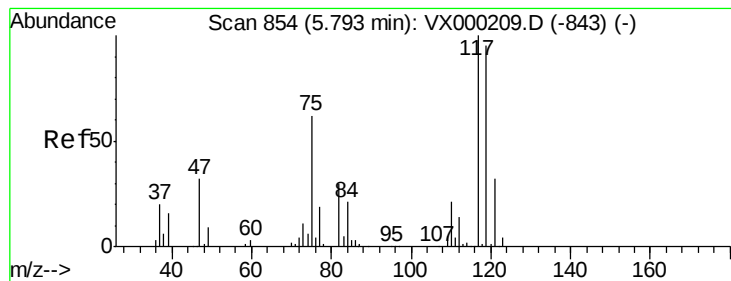


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.71 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :
MSVOA_X
ClientSampled :

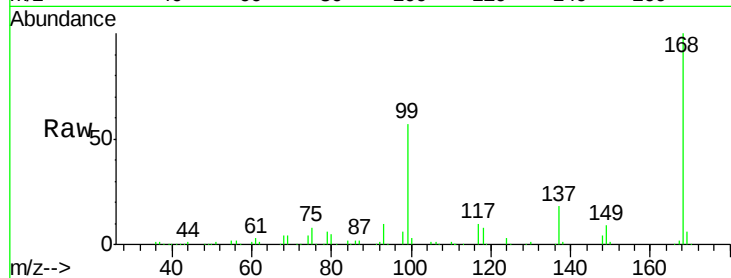
Tot Ion:117 Resp: 18868

Ion Ratio Lower Upper

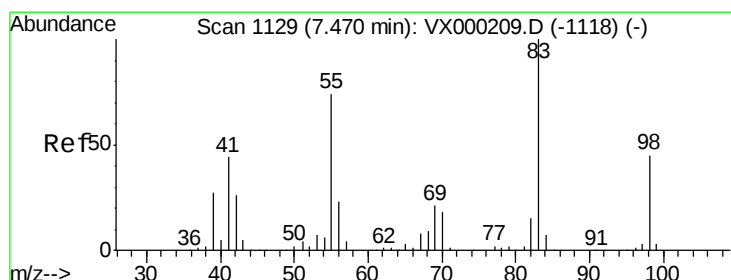
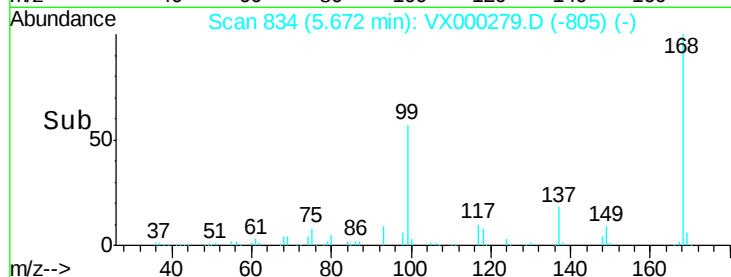
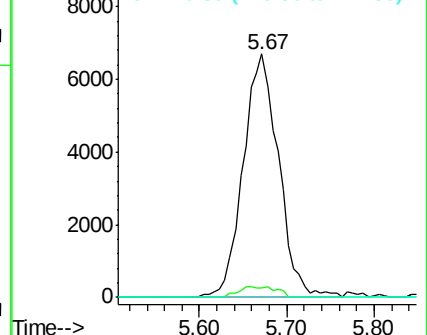
117 100

119 3.6 75.9 113.9#

121 0.0 25.8 38.6#



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



#39

Methylcyclohexane

Concen: 1.71 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

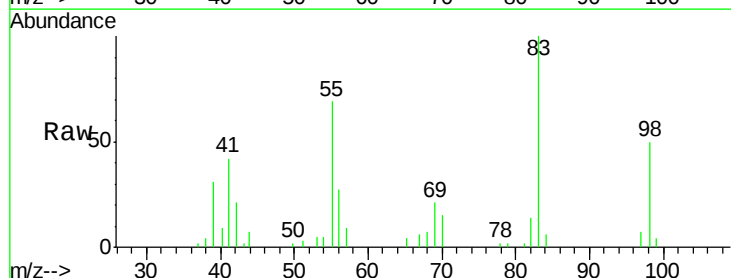
Tgt Ion: 83 Resp: 5840

Ion Ratio Lower Upper

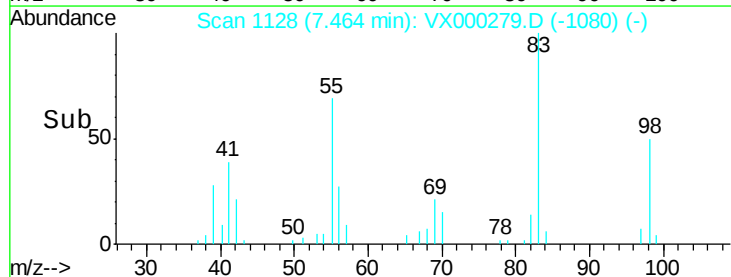
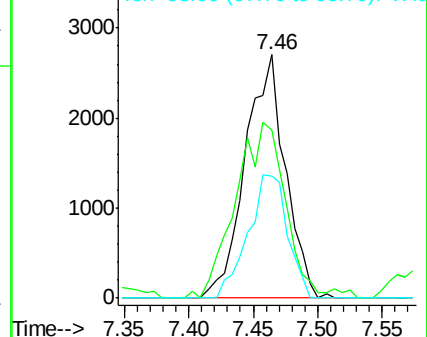
83 100

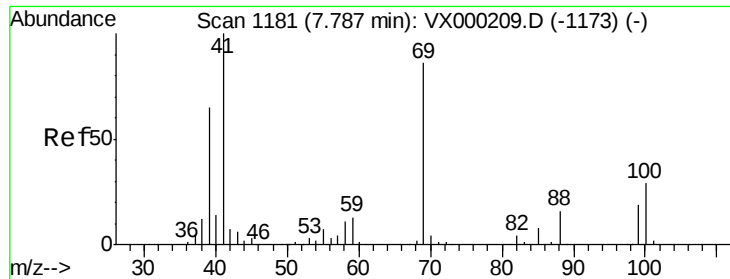
55 66.8 59.4 89.0

98 50.1 36.3 54.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

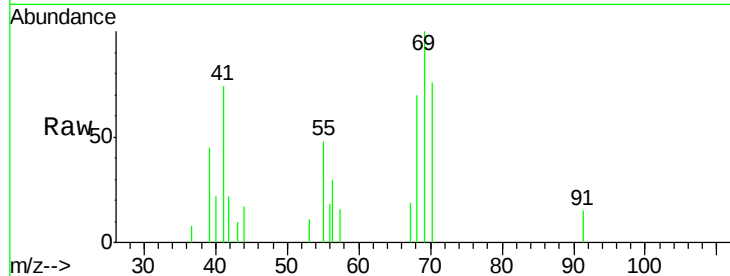




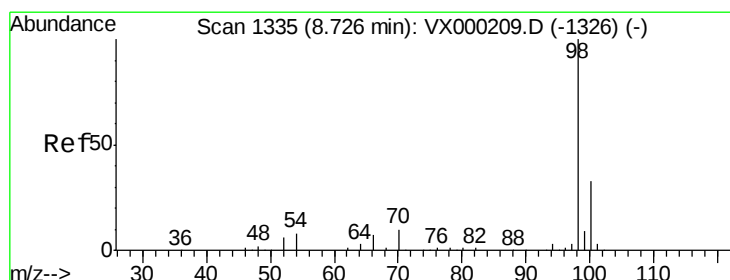
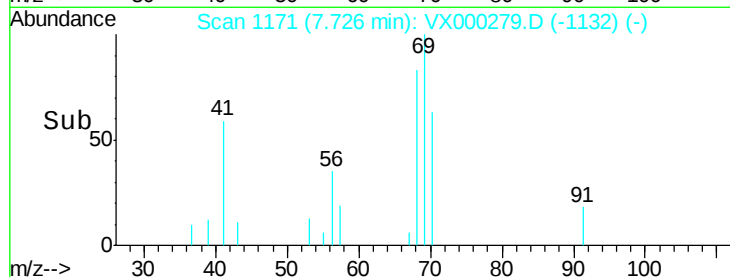
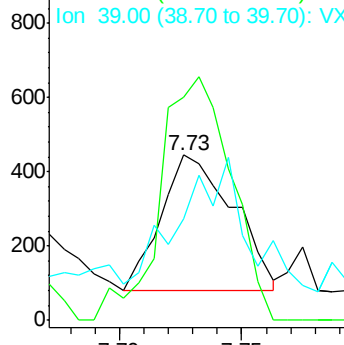
#48
Methvl methacrylate
Concen: 0.26 ug/l
RT: 7.73 min Scan# 1171
Delta R.T. -0.06 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 752
Ion Ratio Lower Upper
41 100
69 177.1 70.0 105.0#
39 110.5 53.6 80.4#

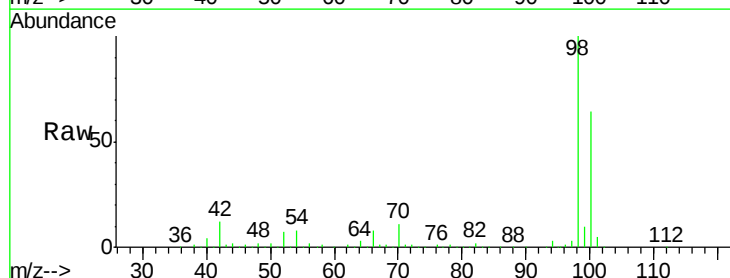


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

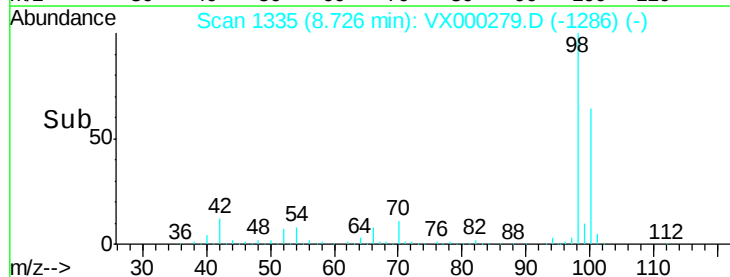
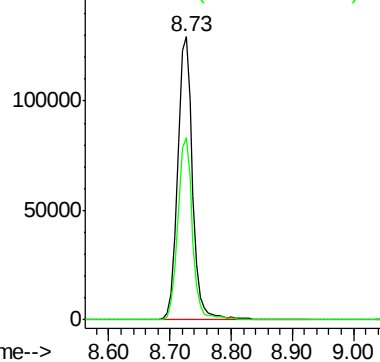


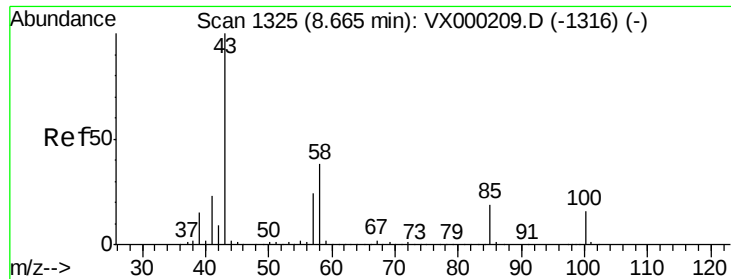
#50
Toluene-d8
Concen: 27.27 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

Tgt Ion: 98 Resp: 221407
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 8.68 min Scan# 1327

Delta R.T. 0.01 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

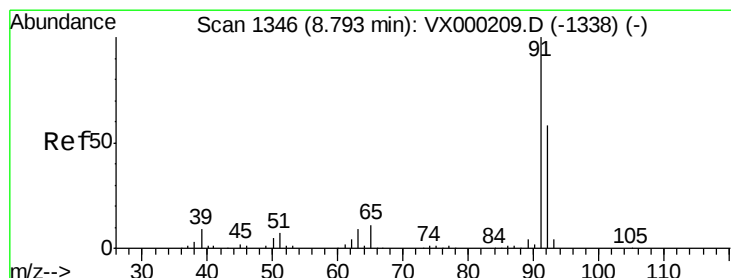
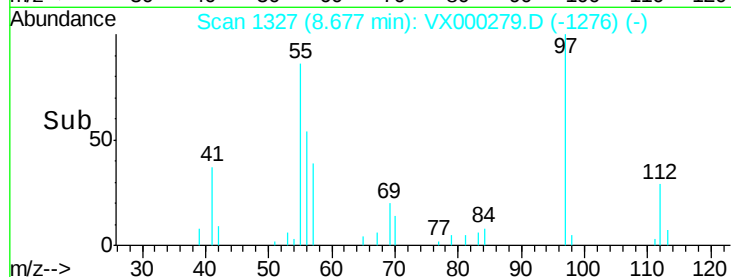
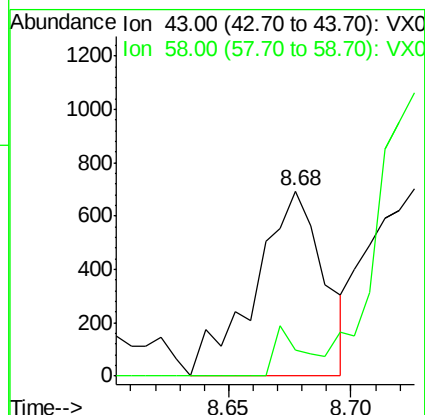
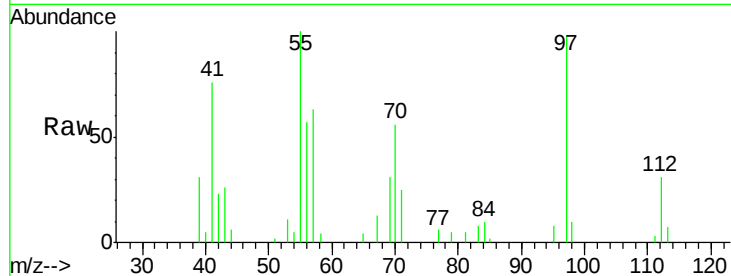
ClientSampled :

Tot Ion: 43 Resp: 1353

Ion Ratio Lower Upper

43 100

58 12.0 30.2 45.2#



#52

Toluene

Concen: 0.31 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000279.D

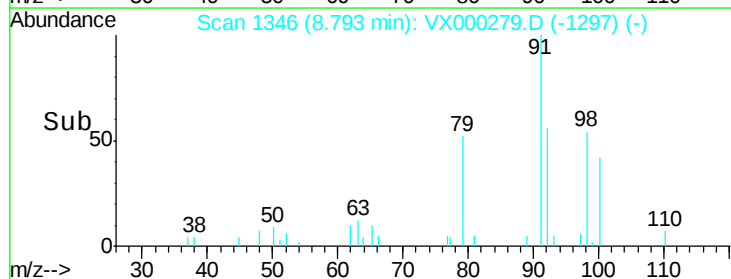
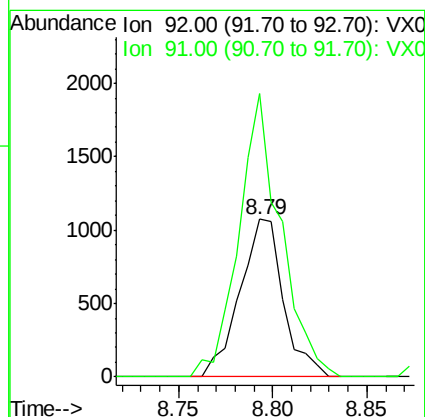
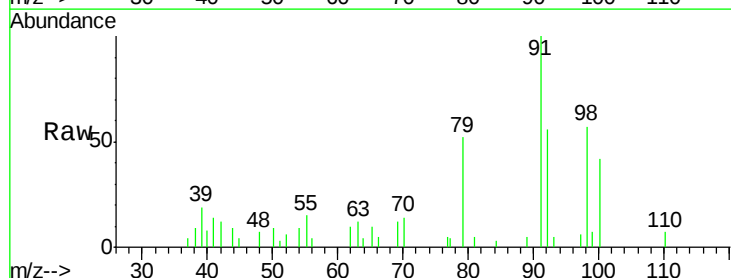
Acq: 12 Mar 2018 16:54

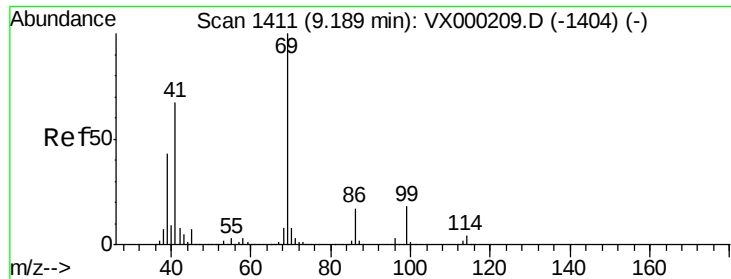
Tgt Ion: 92 Resp: 1713

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.6

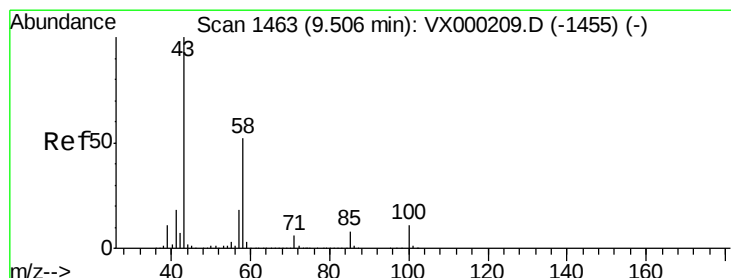
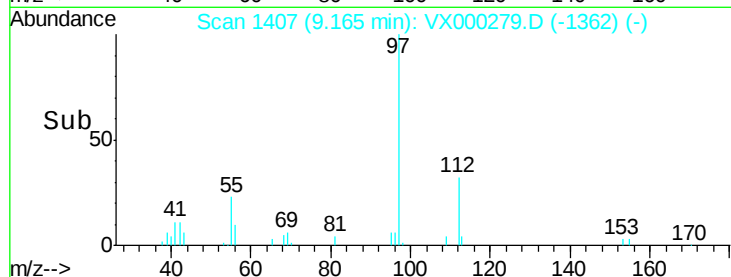
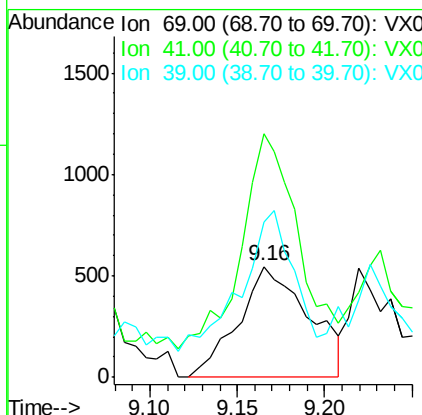
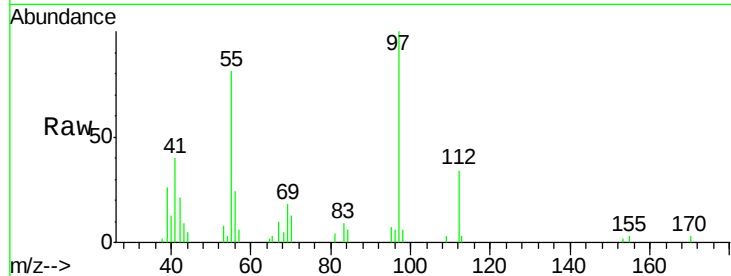




#56
Ethyl methacrylate
Concen: 0.46 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

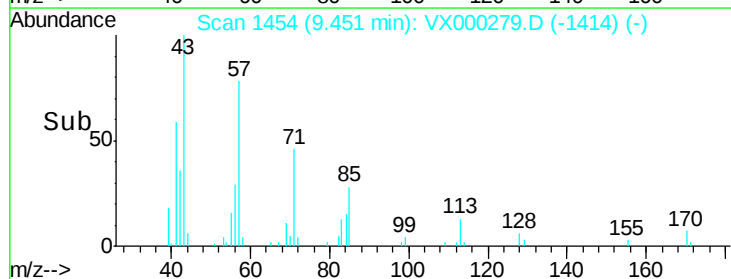
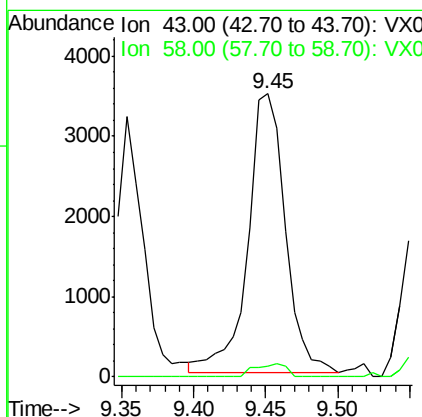
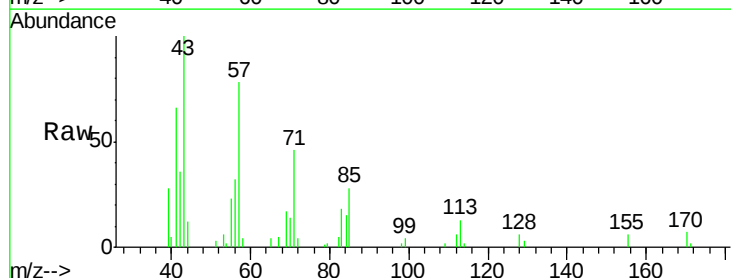
Instrument :
MSVOA_X
ClientSampled :

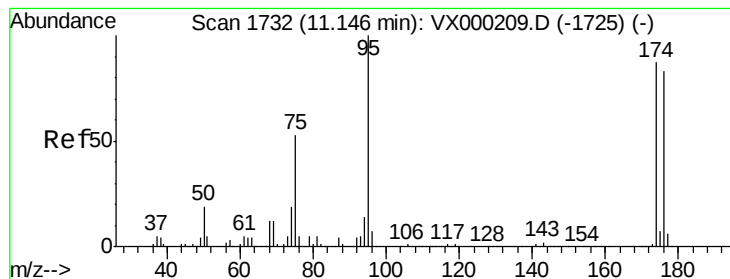
Tot Ion: 69 Resp: 1535
Ion Ratio Lower Upper
69 100
41 154.1 52.2 78.2#
39 93.7 34.3 51.5#



#59
2-Hexanone
Concen: 1.67 ug/l
RT: 9.45 min Scan# 1454
Delta R.T. -0.05 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

Tgt Ion: 43 Resp: 6222
Ion Ratio Lower Upper
43 100
58 3.8 26.6 79.7#





#62

4-Bromofluorobenzene

Concen: 25.83 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

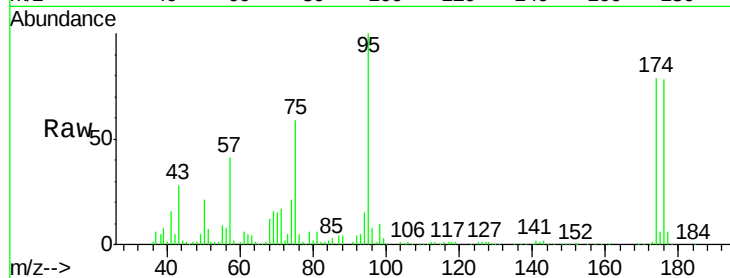
Tot Ion: 95 Resp: 81859

Ion Ratio Lower Upper

95 100

174 84.2 0.0 175.6

176 80.6 0.0 171.0

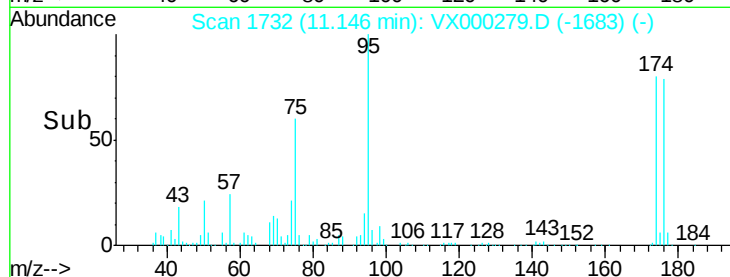


Abundance Ion 94.90 (94.60 to 95.60): VX000209.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000209.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000209.D (-1725) (-)

Time-->

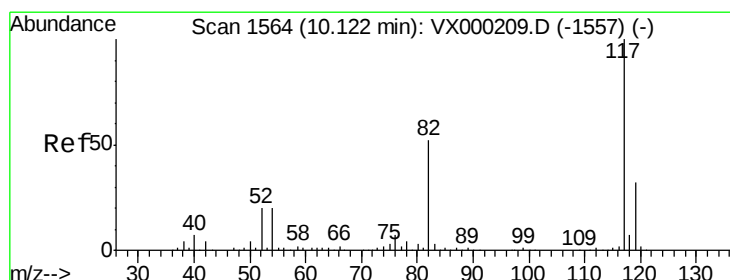


Abundance Ion 94.90 (94.60 to 95.60): VX000279.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000279.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000279.D (-1683) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

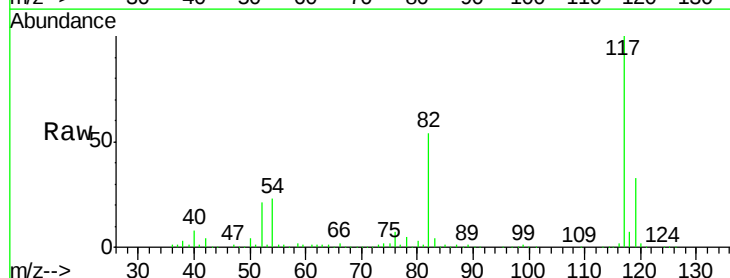
Tgt Ion: 117 Resp: 300972

Ion Ratio Lower Upper

117 100

82 54.1 42.0 63.0

119 32.9 25.3 37.9

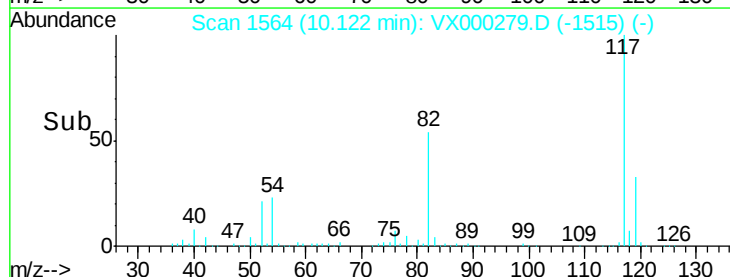


Abundance Ion 116.90 (116.60 to 117.60): VX000209.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000209.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000209.D (-1557) (-)

Time-->

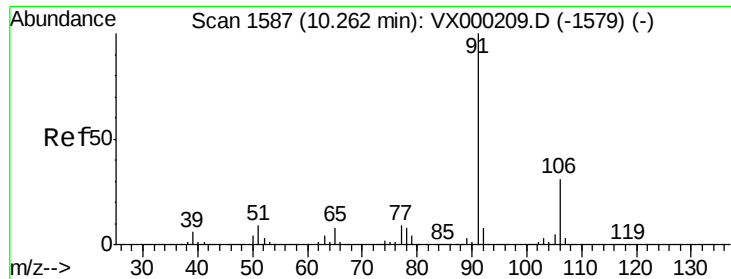


Abundance Ion 116.90 (116.60 to 117.60): VX000279.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000279.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000279.D (-1515) (-)

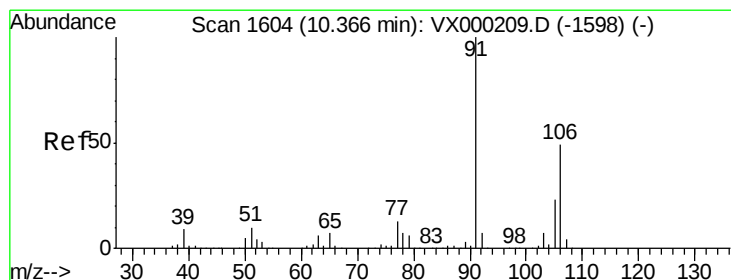
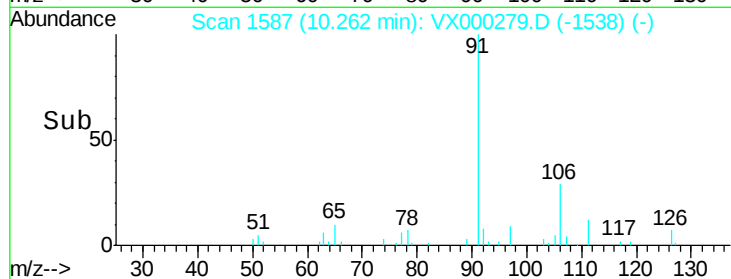
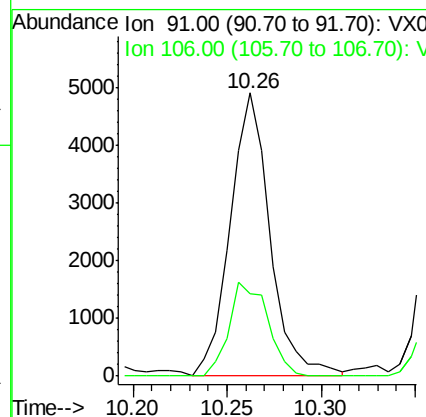
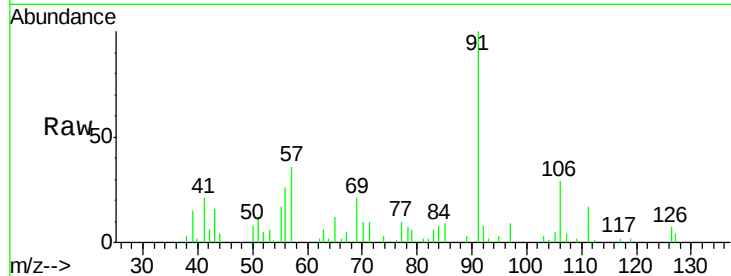
Time-->



#67
Ethyl Benzene
Concen: 0.68 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

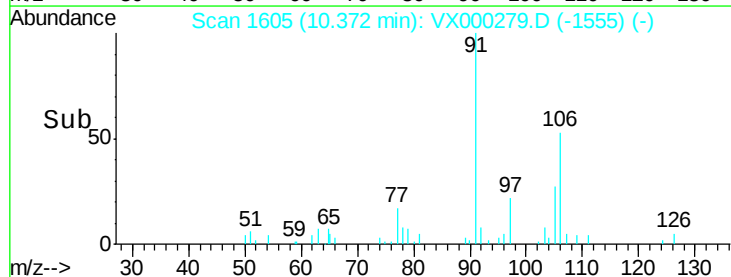
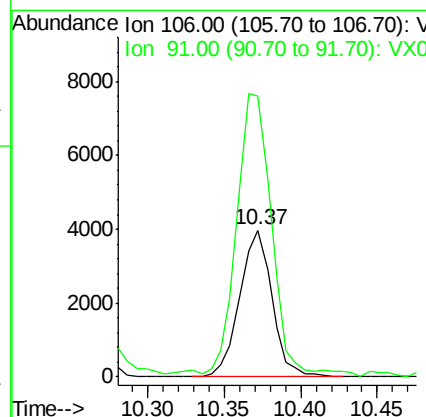
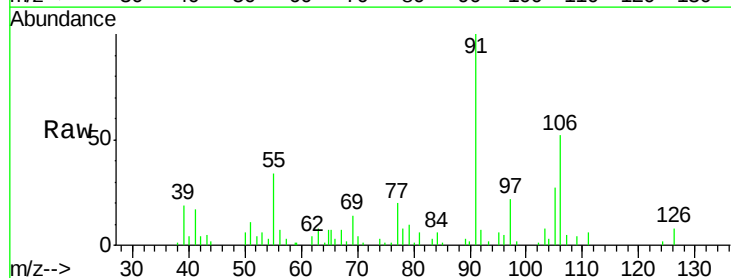
Instrument :
MSVOA_X
ClientSampled :

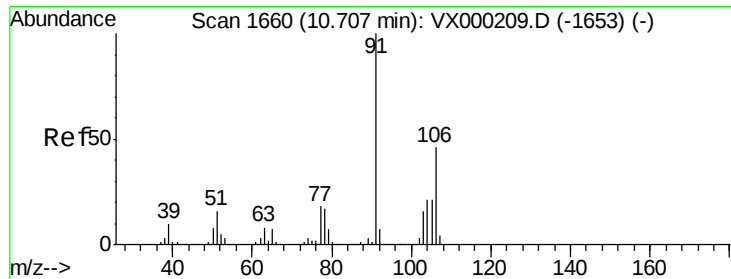
Tot Ion: 91 Resp: 7199
Ion Ratio Lower Upper
91 100
106 29.0 25.2 37.8



#68
m/p-Xylenes
Concen: 1.42 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

Tgt Ion: 106 Resp: 5810
Ion Ratio Lower Upper
106 100
91 214.7 160.9 241.3

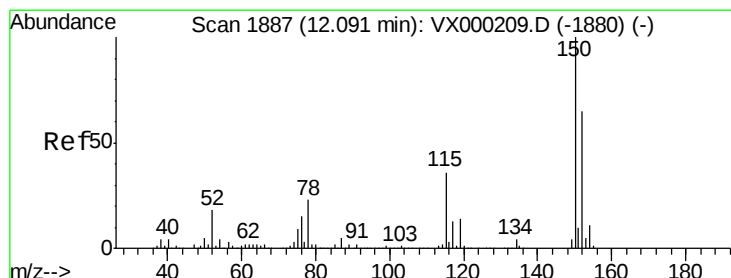
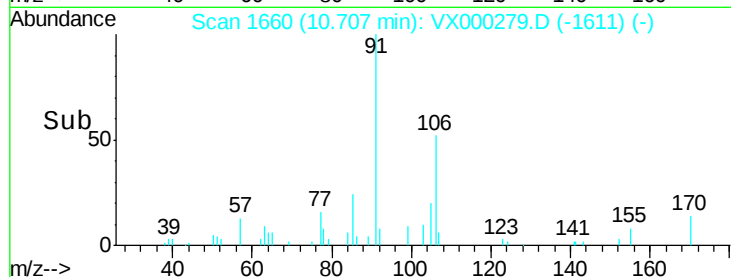
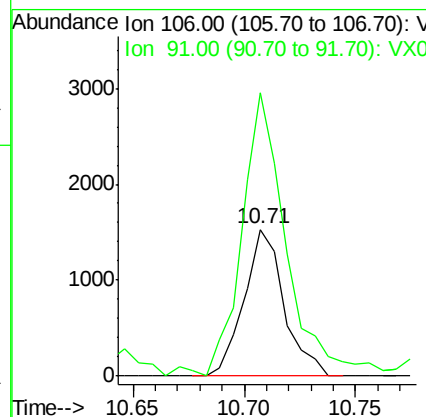
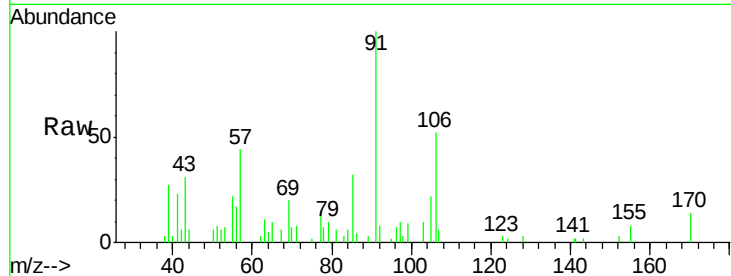




#69
o-Xylene
Concen: 0.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

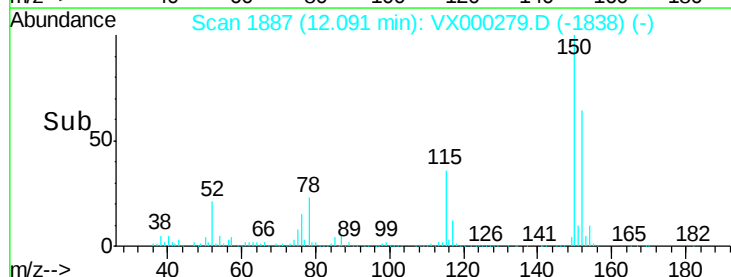
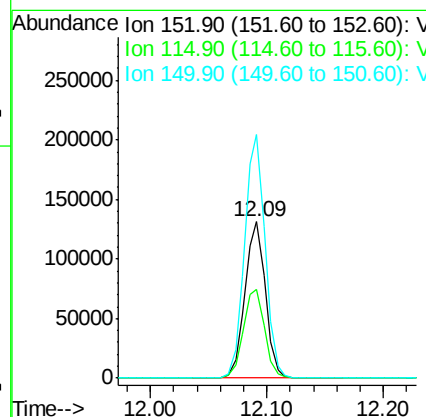
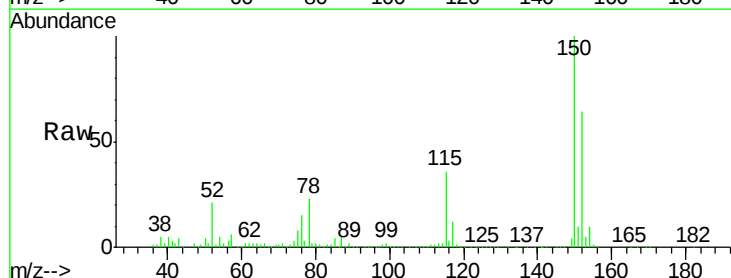
Instrument :
MSVOA_X
ClientSampleId :

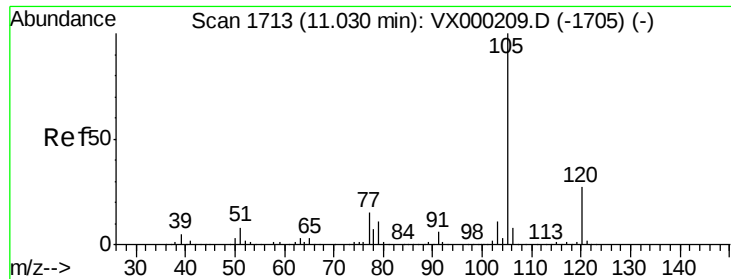
Tot Ion:106 Resp: 1915
Ion Ratio Lower Upper
106 100
91 213.2 105.9 317.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VX000279.D
Acq: 12 Mar 2018 16:54

Tgt Ion:152 Resp: 160849
Ion Ratio Lower Upper
152 100
115 58.6 39.8 119.3
150 156.1 0.0 345.0





#73

Isopropylbenzene

Concen: 0.70 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

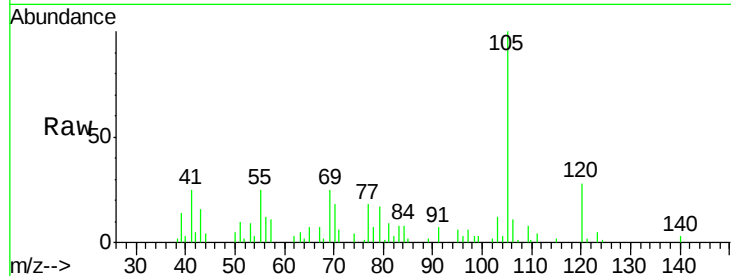
ClientSampleId :

Tot Ion:105 Resp: 7034

Ion Ratio Lower Upper

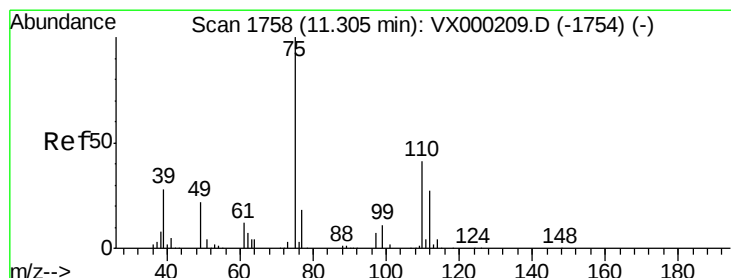
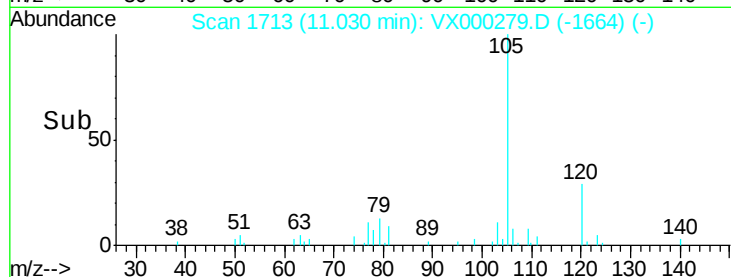
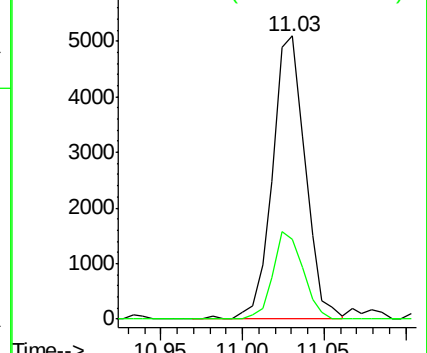
105 100

120 28.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 13.76 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000279.D

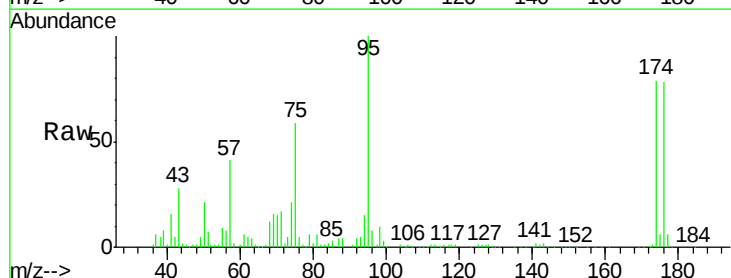
Acq: 12 Mar 2018 16:54

Tgt Ion: 75 Resp: 44374

Ion Ratio Lower Upper

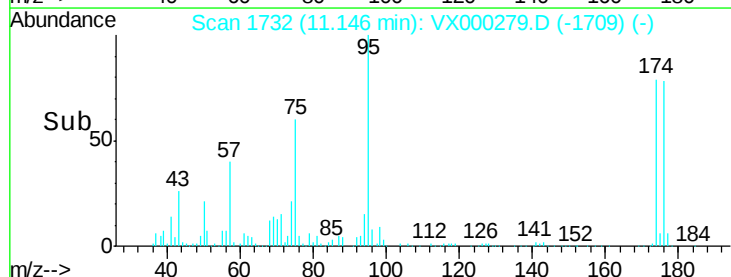
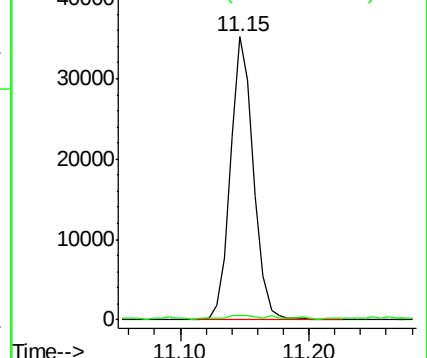
75 100

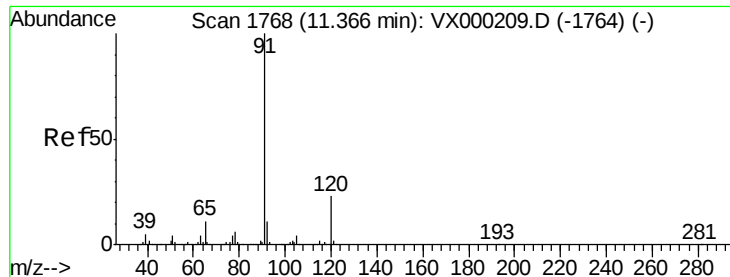
77 2.1 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.21 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

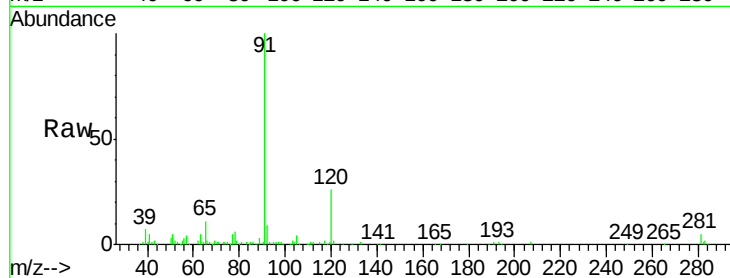
ClientSampleId :

Tot Ion: 91 Resp: 38036

Ion Ratio Lower Upper

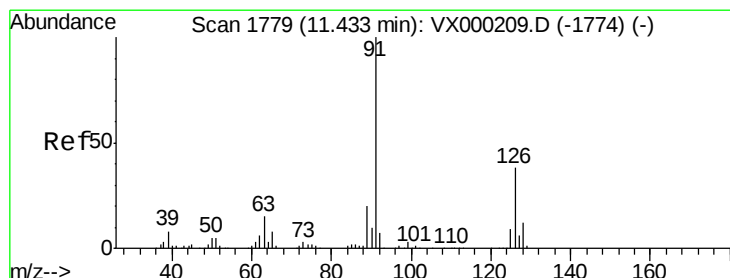
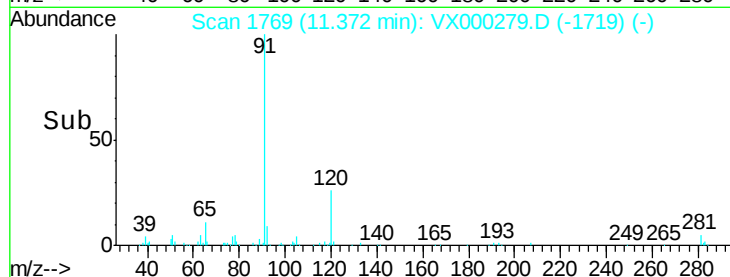
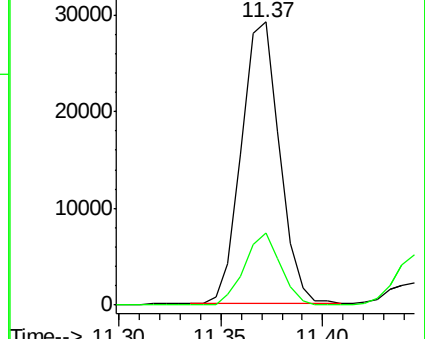
91 100

120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.35 ug/l

RT: 11.68 min Scan# 1820

Delta R.T. 0.25 min

Lab File: VX000279.D

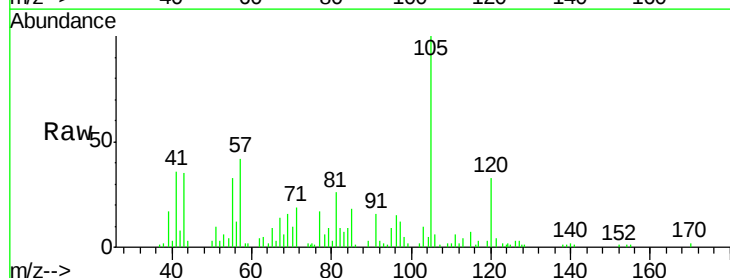
Acq: 12 Mar 2018 16:54

Tgt Ion: 91 Resp: 2338

Ion Ratio Lower Upper

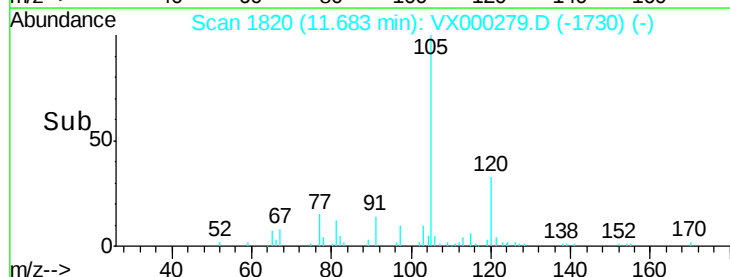
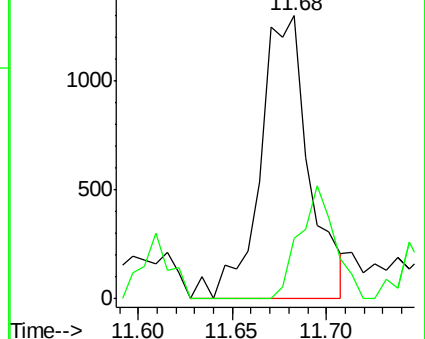
91 100

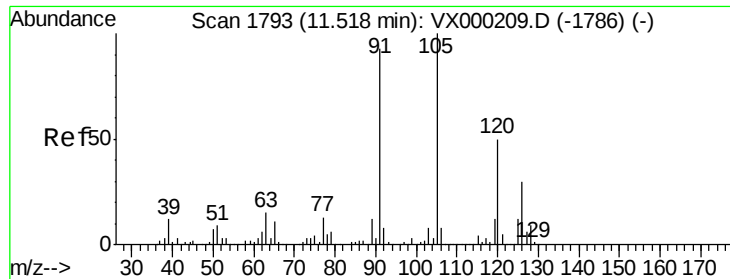
126 26.9 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

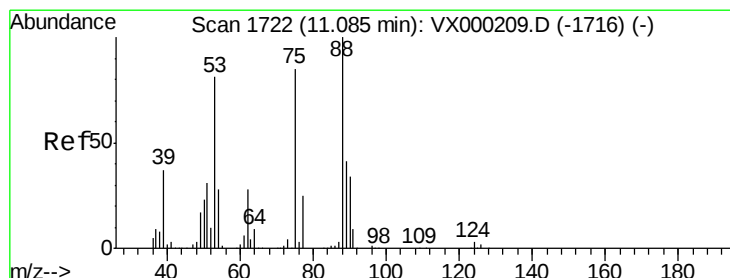
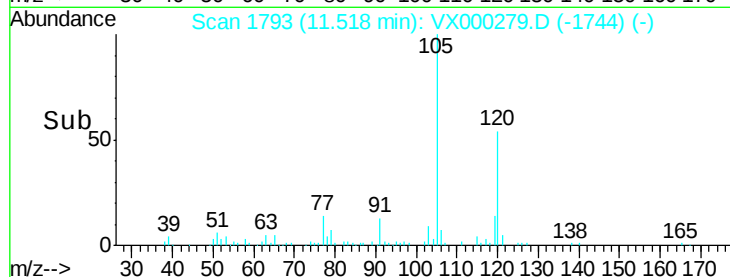
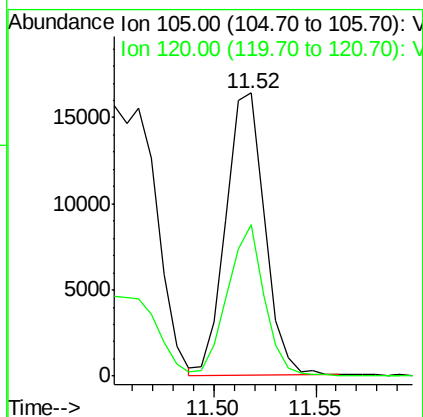
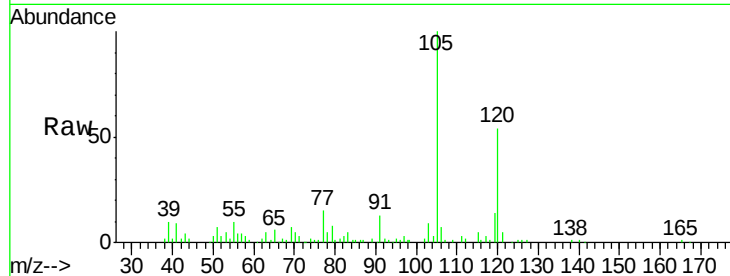




#80
 1,3,5-Trimethylbenzene
 Concen: 2.55 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

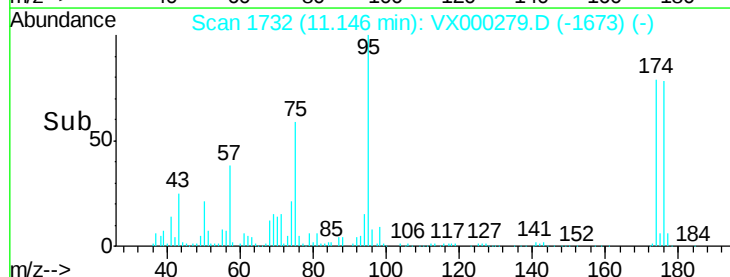
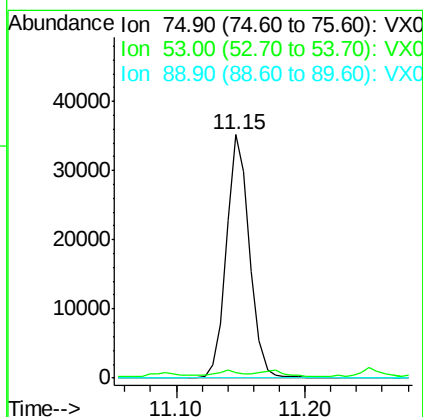
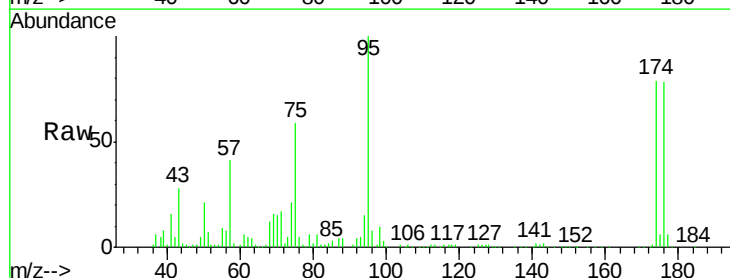
Instrument :
 MSVOA_X
 ClientSampleId :

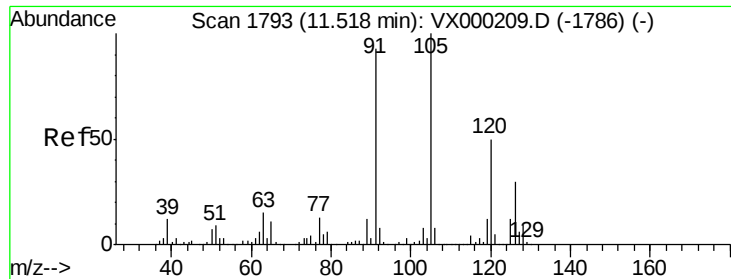
Tot Ion:105 Resp: 21477
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.14 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

Tgt Ion: 75 Resp: 44374
 Ion Ratio Lower Upper
 75 100
 53 3.6 78.6 118.0#
 89 0.1 38.8 58.2#

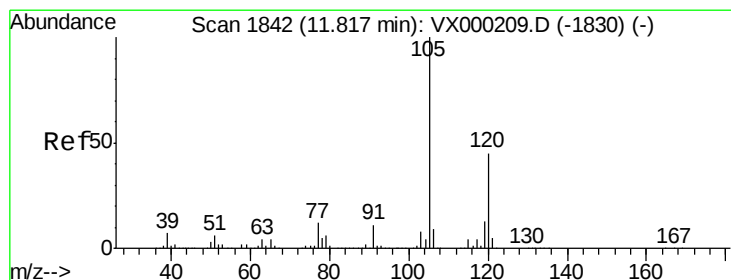
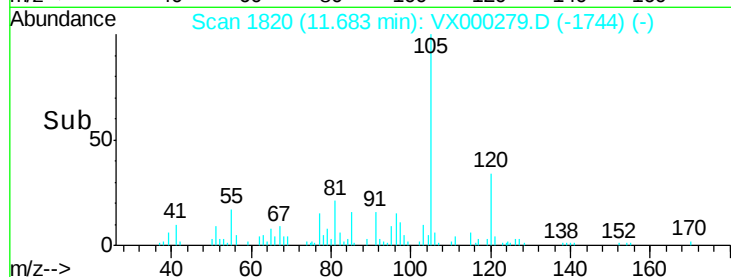
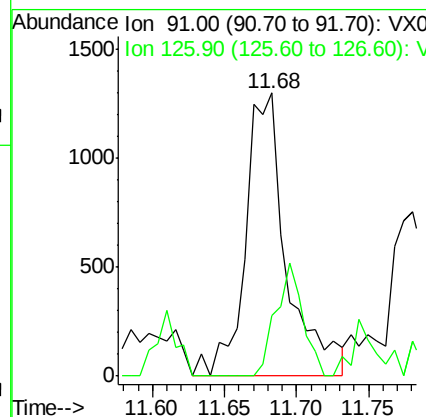
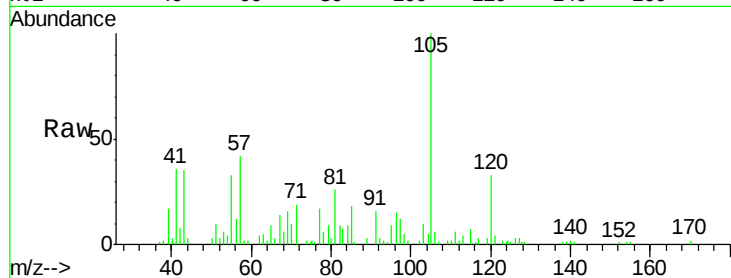




#82
 4-Chlorotoluene
 Concen: 0.32 ug/l
 RT: 11.68 min Scan# 1820
 Delta R.T. 0.16 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

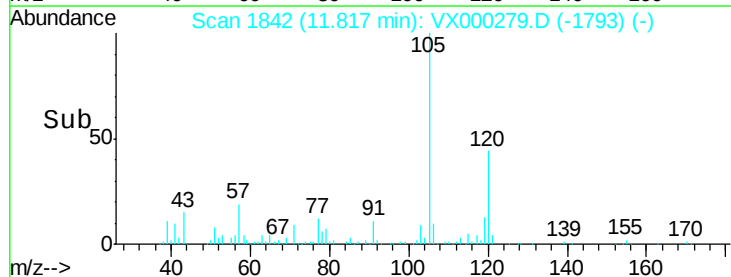
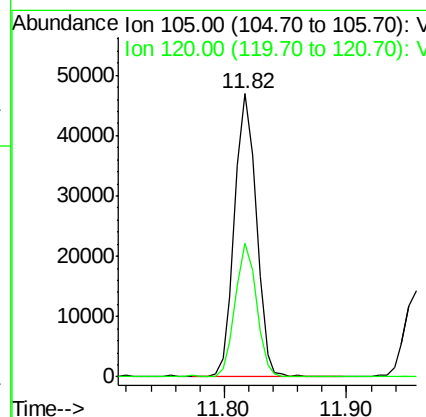
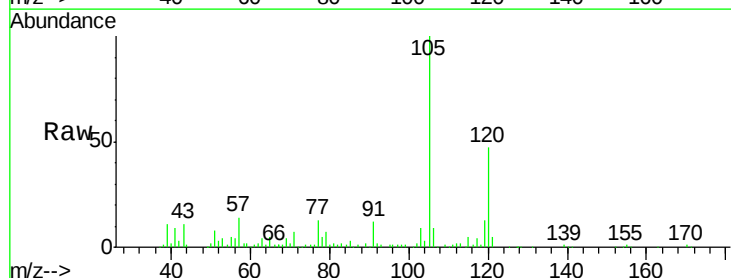
Instrument :
 MSVOA_X
 ClientSampled :

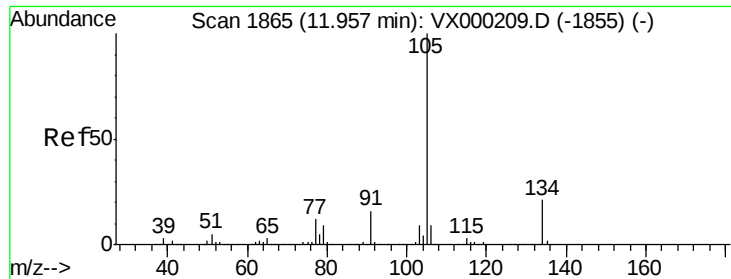
Tot Ion: 91 Resp: 2566
 Ion Ratio Lower Upper
 91 100
 126 26.1 16.0 48.0



#84
 1,2,4-Trimethylbenzene
 Concen: 6.70 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

Tgt Ion: 105 Resp: 57894
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 1.73 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

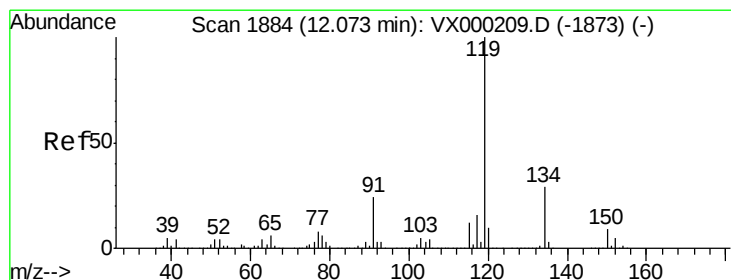
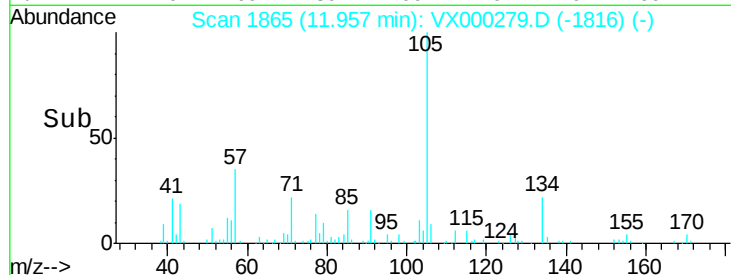
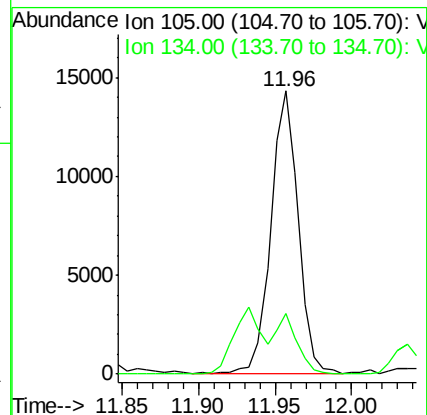
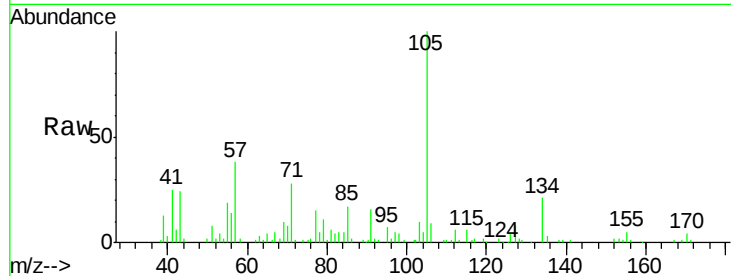
ClientSampleId :

Tot Ion:105 Resp: 17931

Ion Ratio Lower Upper

105 100

134 16.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 0.57 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.04 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

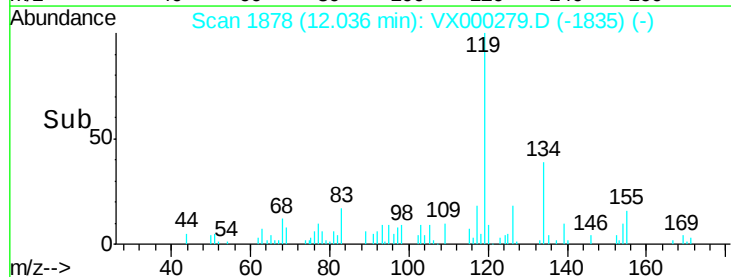
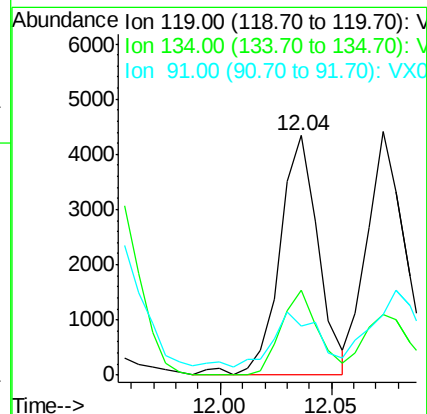
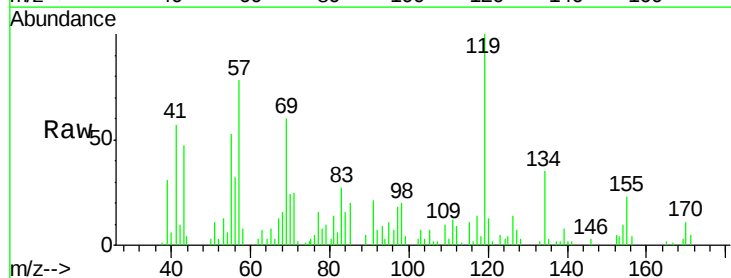
Tgt Ion:119 Resp: 5211

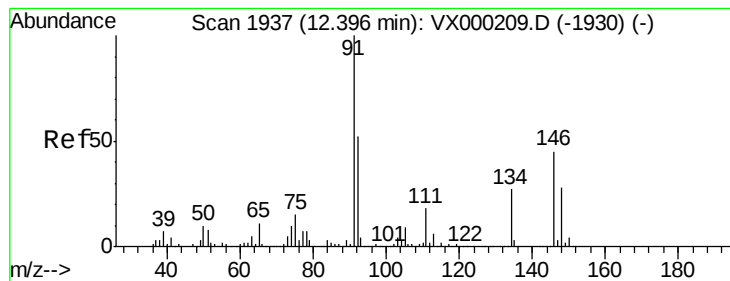
Ion Ratio Lower Upper

119 100

134 34.3 13.8 41.3

91 26.4 12.0 36.0





#89

n-Butylbenzene

Concen: 5.02 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000279.D

Acq: 12 Mar 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

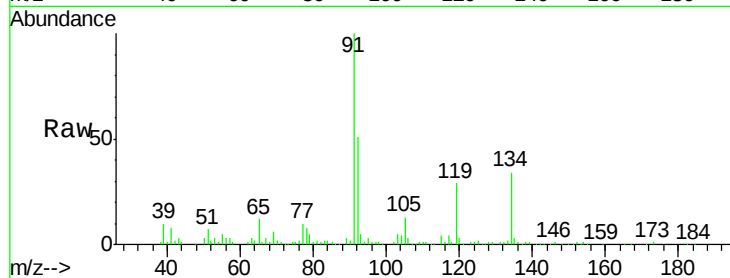
Tot Ion: 91 Resp: 44138

Ion Ratio Lower Upper

91 100

92 42.2 25.8 77.4

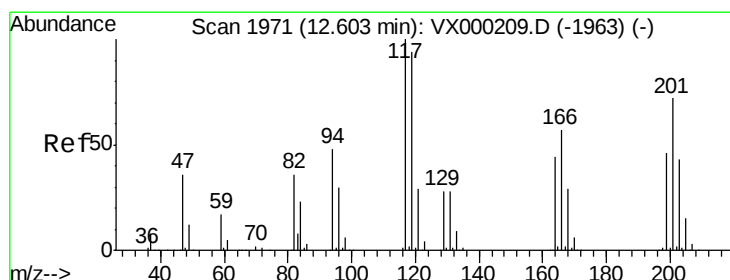
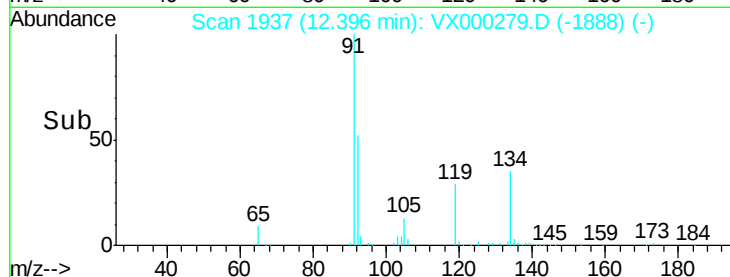
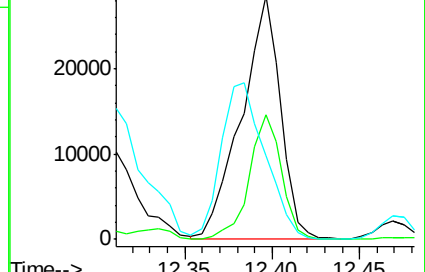
134 72.6 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)



#90

Hexachloroethane

Concen: 2.56 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX000279.D

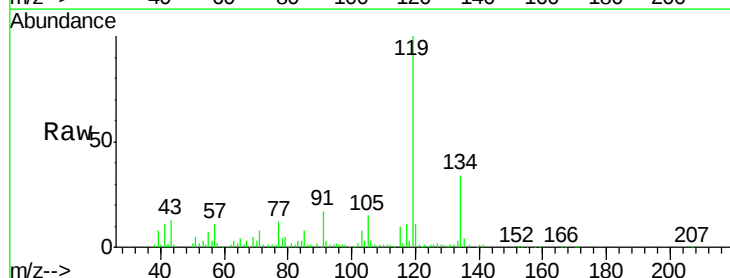
Acq: 12 Mar 2018 16:54

Tgt Ion: 117 Resp: 3766

Ion Ratio Lower Upper

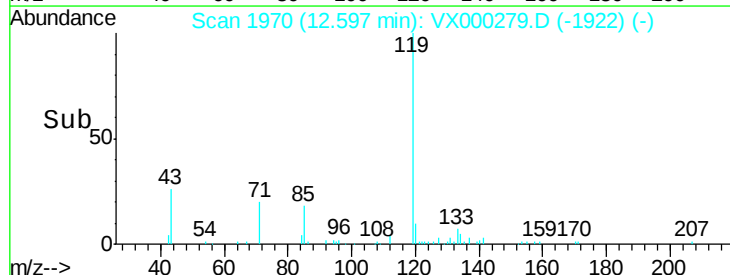
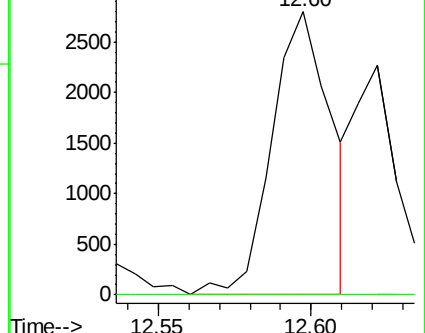
117 100

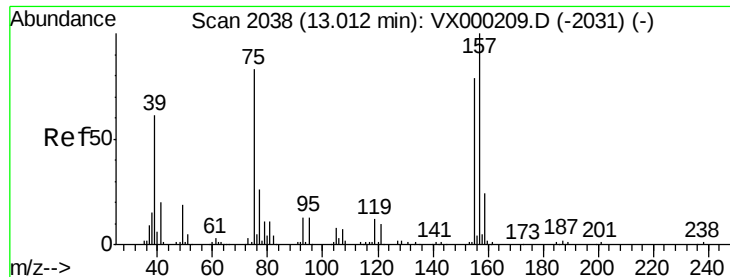
201 0.0 38.2 114.6#



Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000209.D (-1963) (-)

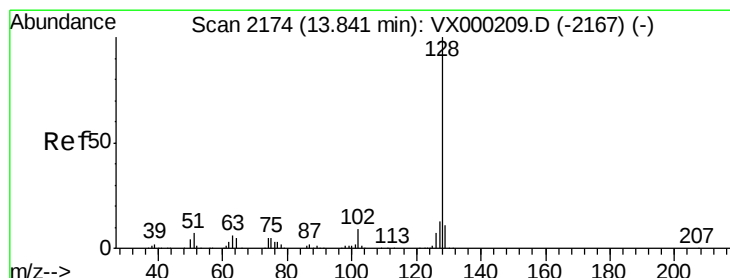
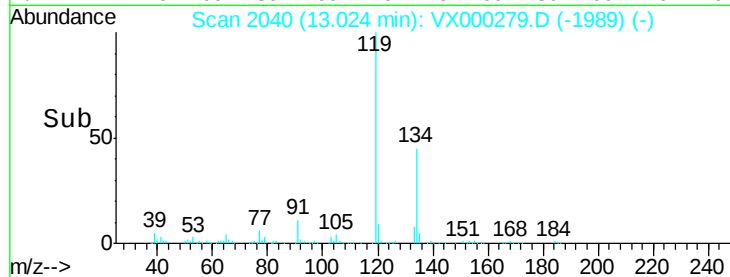
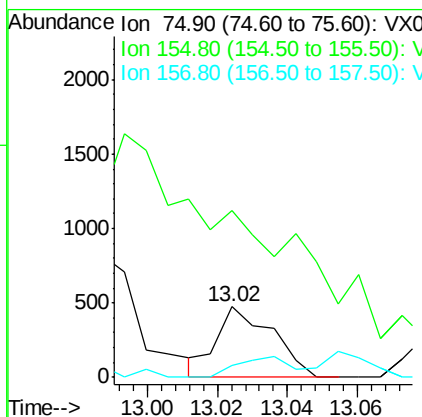
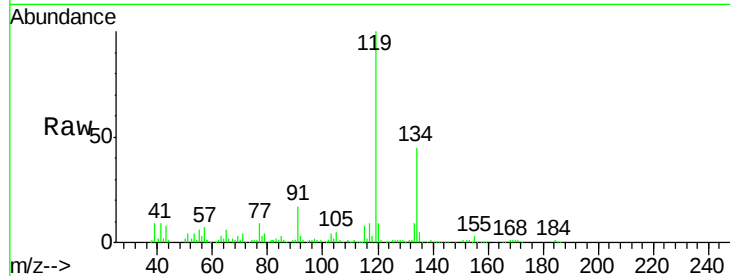




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.52 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 520
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.5 136.5#
 157 26.7 58.6 175.8#



#95
 Naphthalene
 Concen: 1.99 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX000279.D
 Acq: 12 Mar 2018 16:54

Tgt Ion: 128 Resp: 24768
 Ion Ratio Lower Upper
 128 100
 127 16.0 10.5 15.7#
 129 15.9 8.6 13.0#

