

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006840.D
 Acq On : 27 Dec 2018 14:16
 Operator : JC/MD
 Sample : J6195-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 03:20:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	718434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1054666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	496584	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	354309	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	309148	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.71	98	1257077	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	454011	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1708	Below Cal	#	28
11) Tert butyl alcohol	3.02	59	9103	5.268	ug/l #	72
13) Acrolein	2.28	56	391	0.335	ug/l #	79
14) Allyl chloride	2.85	41	70244	6.501	ug/l #	26
16) Acetone	2.45	43	34792	9.780	ug/l	97
18) Methyl Acetate	2.78	43	6625	0.633	ug/l	91
20) Methylene Chloride	2.86	84	1957205	266.069	ug/l	96
25) 2-Butanone	4.70	43	5988	1.197	ug/l #	81
28) Bromochloromethane	4.99	49	117	Below Cal	#	4
29) Tetrahydrofuran	5.17	42	2722	0.826	ug/l #	78
31) Cyclohexane	5.66	56	11652	1.087	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44552	5.100	ug/l #	50
38) Carbon Tetrachloride	5.66	117	62846	7.403	ug/l #	14
43) Isopropyl Acetate	6.46	43	30493	2.204	ug/l	98
48) Methyl methacrylate	7.68	41	15425	2.193	ug/l #	12
49) 1,4-Dioxane	7.73	88	224	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	159794	18.155	ug/l #	49
52) Toluene	8.78	92	9448	0.551	ug/l	99
54) cis-1,3-Dichloropropene	8.62	75	79460	8.557	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	19133	1.694	ug/l #	44
59) 2-Hexanone	9.54	43	249142	36.996	ug/l #	51
60) Dibromochloromethane	9.59	129	125	2.340	ug/l #	1
68) m/p-Xylenes	10.36	106	7385	0.549	ug/l	95
69) o-Xylene	10.70	106	3737	0.281	ug/l	89
74) N-amyl acetate	10.69	43	23106	1.900	ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	215222	23.321	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	11887	0.425	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	215222	69.198	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	31021	1.054	ug/l	98
89) n-Butylbenzene	12.38	91	5715	0.222	ug/l #	41
90) Hexachloroethane	12.58	117	918	3.475	ug/l #	6
95) Naphthalene	13.83	128	396485	10.876	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 28 03:20:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

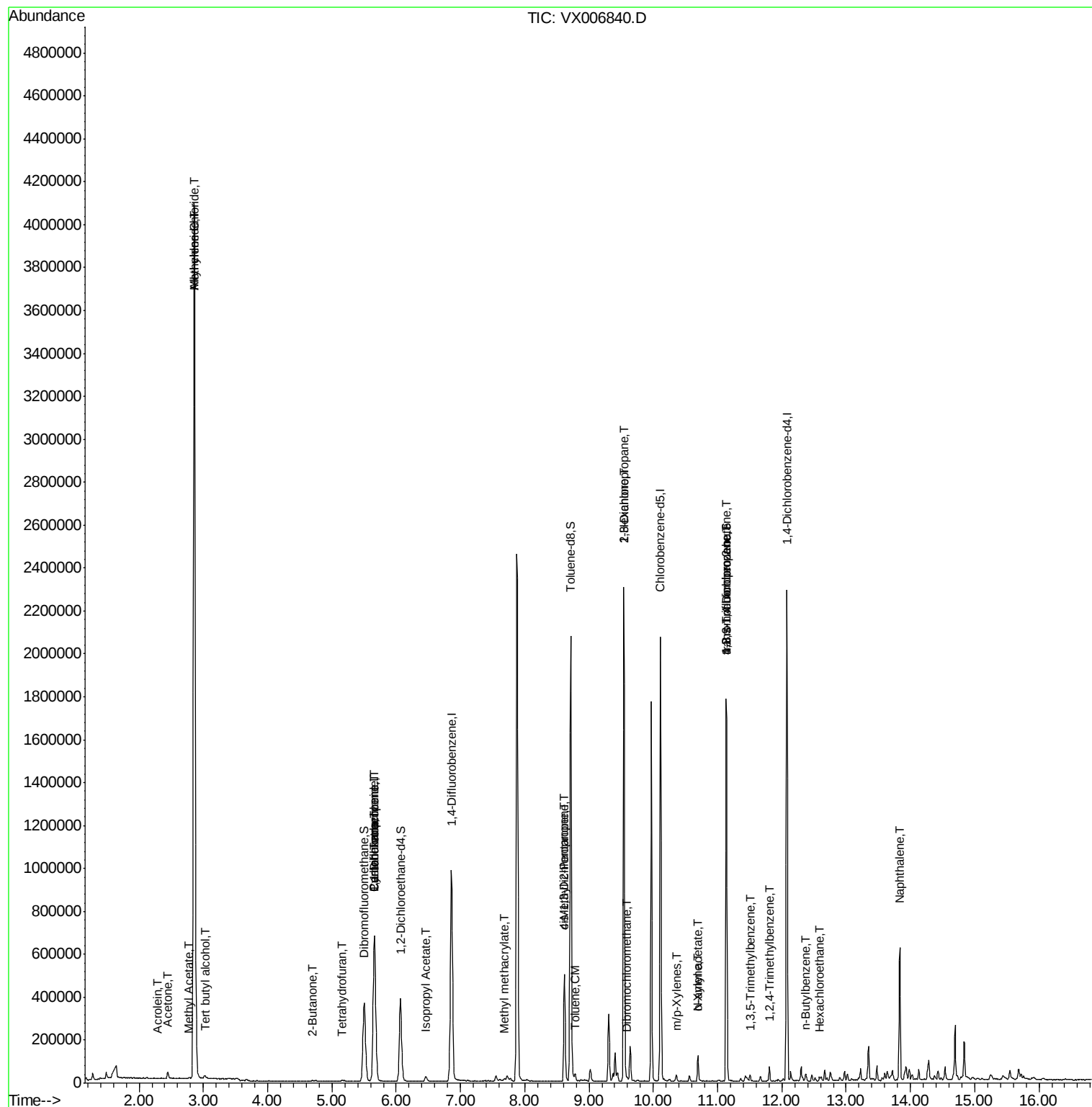
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

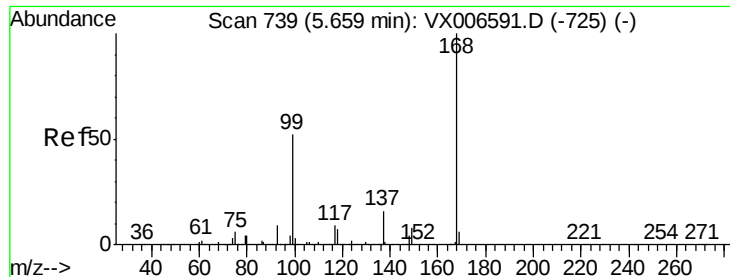
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

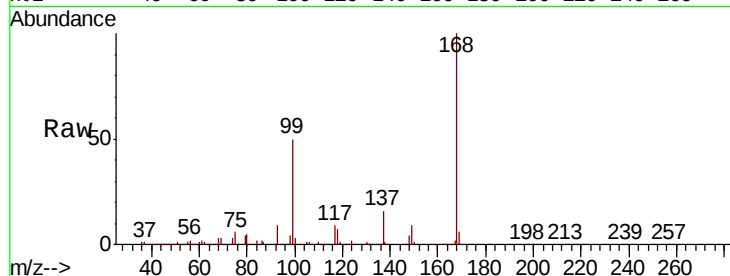
ClientSampleId :

Tot Ion:168 Resp: 718434

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

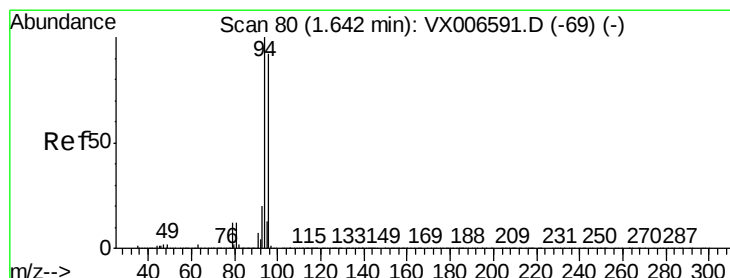
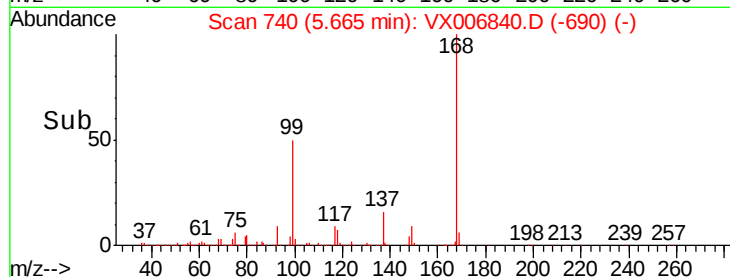
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006840.D

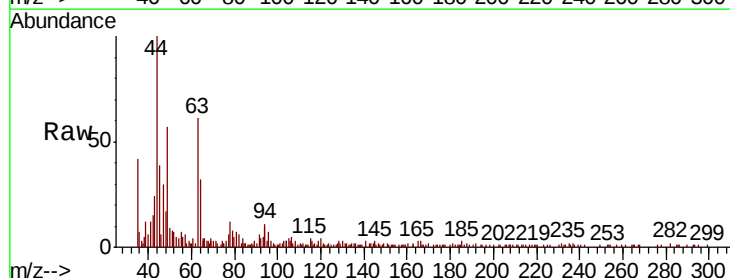
Acq: 27 Dec 2018 14:16

Tgt Ion: 94 Resp: 1708

Ion Ratio Lower Upper

94 100

96 23.1 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

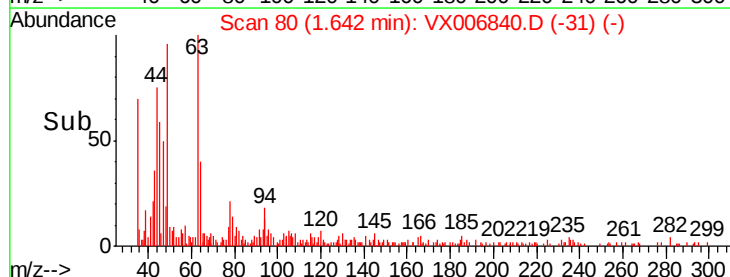
1500

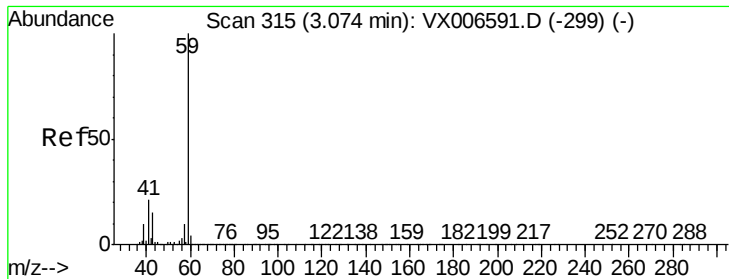
1000

500

0

Time--> 1.60 1.65



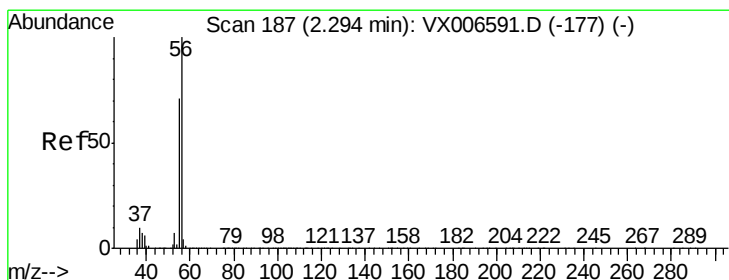
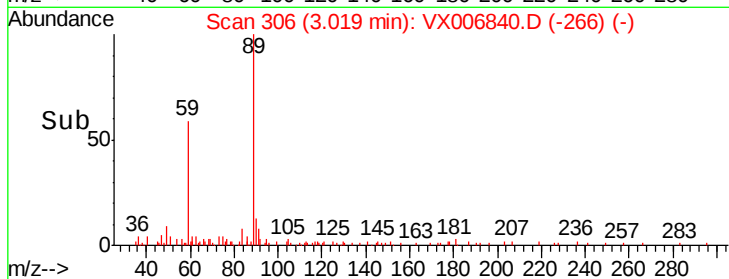
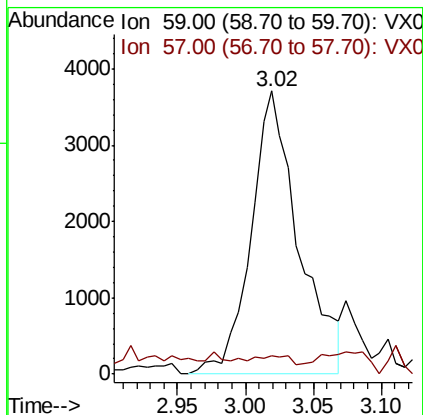
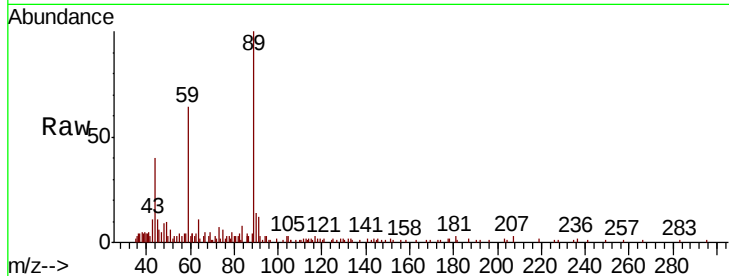


#11

Tert butyl alcohol
 Concen: 5.268 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006840.D
 Acq: 27 Dec 2018 14:16

Instrument :
 MSVOA_X
 ClientSampled :

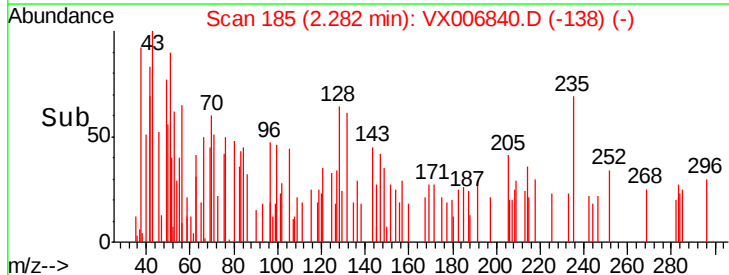
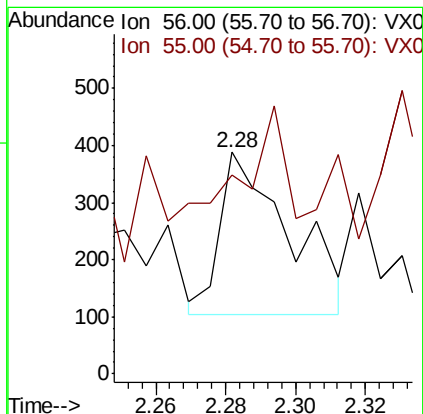
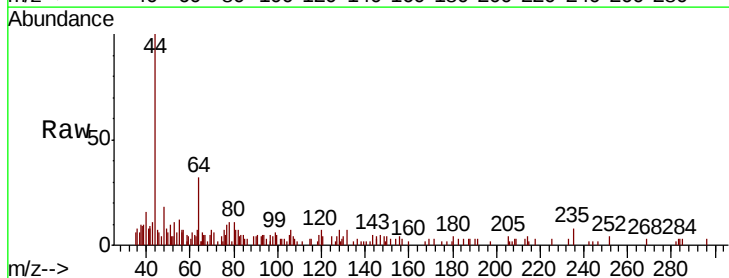
Tot Ion: 59 Resp: 9103
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

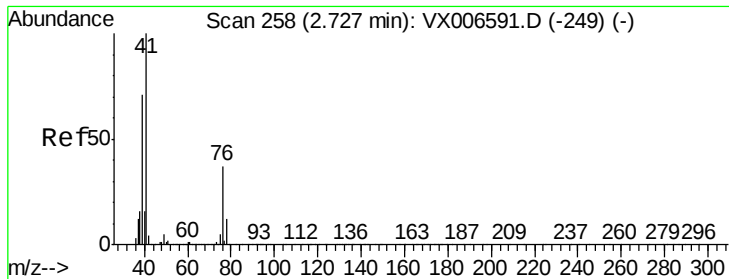


#13

Acrolein
 Concen: 0.335 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: VX006840.D
 Acq: 27 Dec 2018 14:16

Tgt Ion: 56 Resp: 391
 Ion Ratio Lower Upper
 56 100
 55 55.0 58.2 87.4#

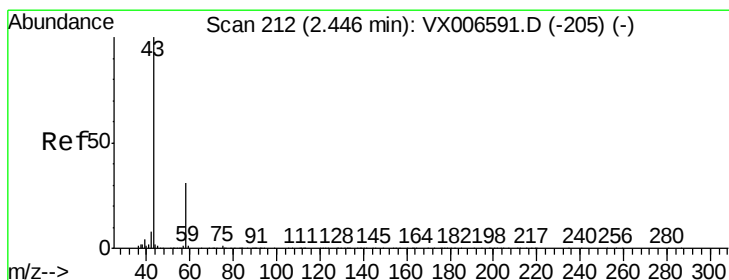
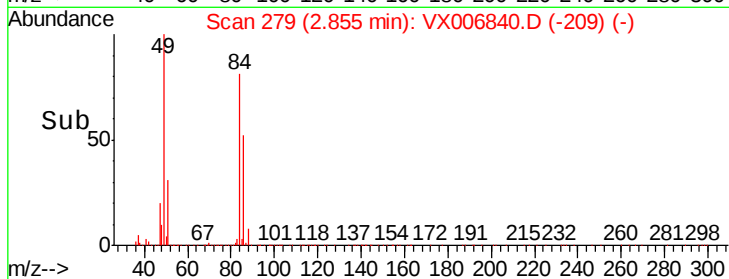
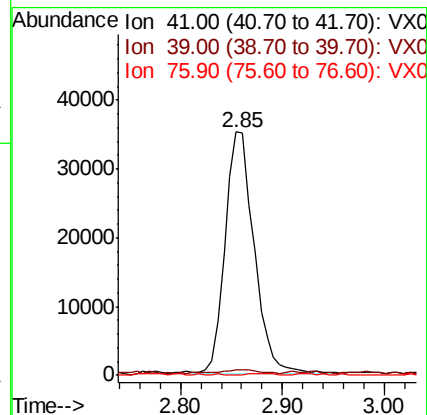
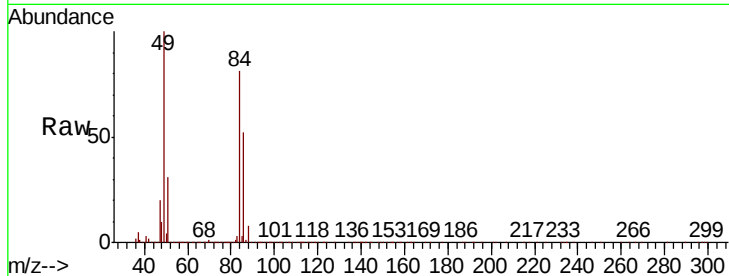




#14
Allvl chloride
Concen: 6.501 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

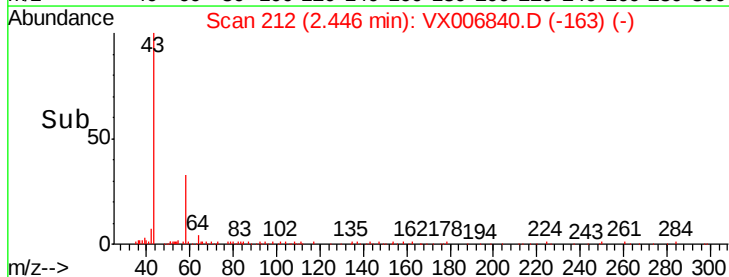
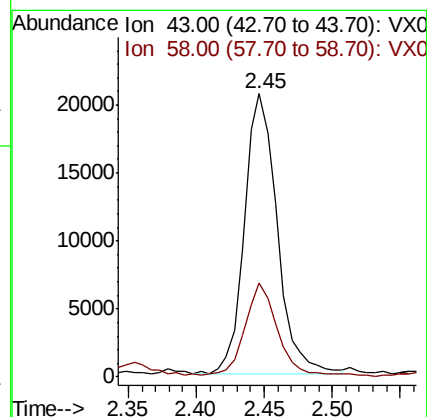
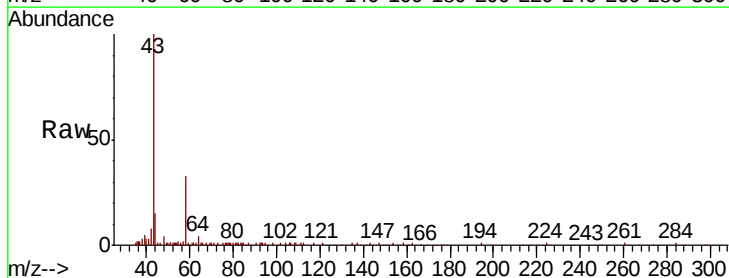
Instrument :
MSVOA_X
ClientSampleId :

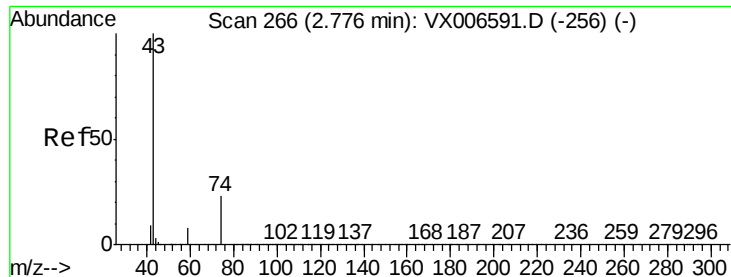
Tot Ion: 41 Resp: 70244
Ion Ratio Lower Upper
41 100
39 1.7 53.6 80.4#
76 0.6 27.4 41.2#



#16
Acetone
Concen: 9.780 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 43 Resp: 34792
Ion Ratio Lower Upper
43 100
58 32.8 25.0 37.6

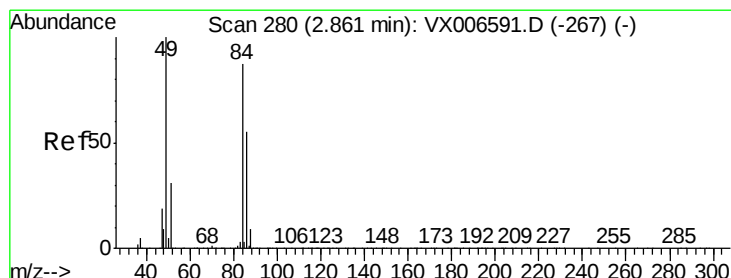
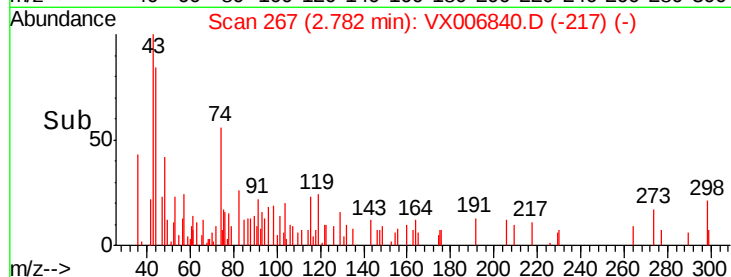
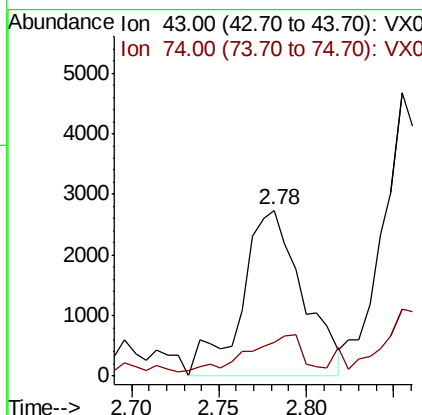
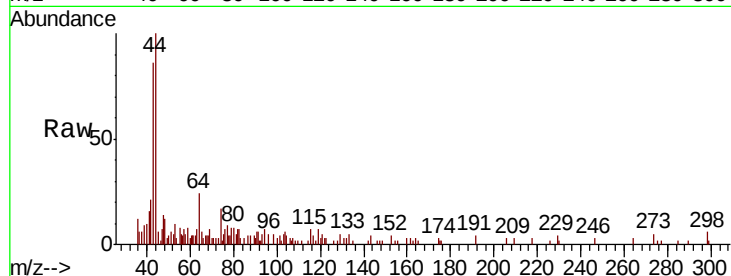




#18
Methyl Acetate
Concen: 0.633 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

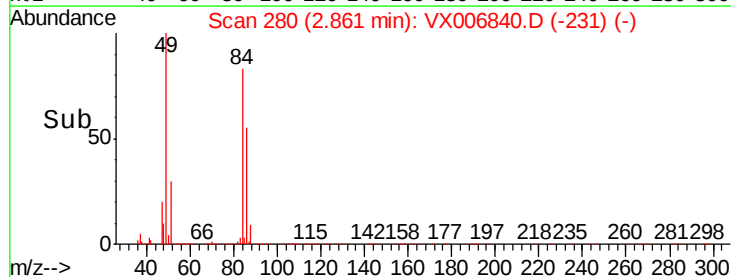
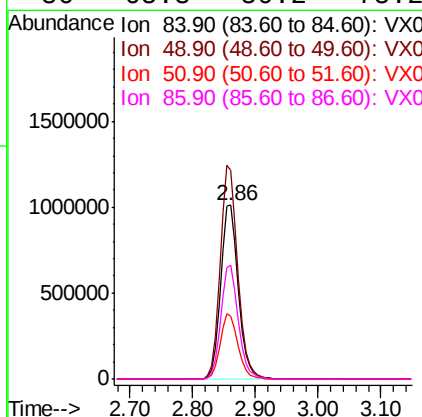
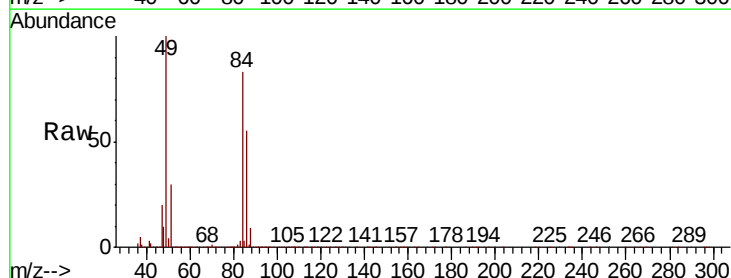
Instrument :
MSVOA_X
ClientSampleId :

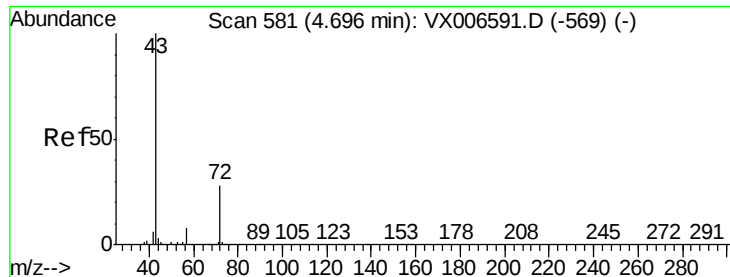
Tot Ion: 43 Resp: 6625
Ion Ratio Lower Upper
43 100
74 18.8 18.6 28.0



#20
Methylene Chloride
Concen: 266.069 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 84 Resp: 1957205
Ion Ratio Lower Upper
84 100
49 120.1 91.8 137.6
51 36.4 28.5 42.7
86 65.8 50.2 75.2





#25

2-Butanone

Concen: 1.197 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

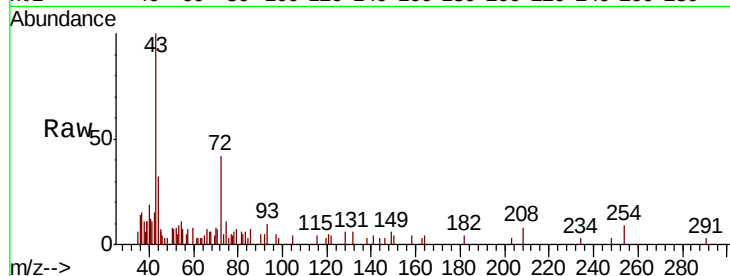
ClientSampled :

Tot Ion: 43 Resp: 5988

Ion Ratio Lower Upper

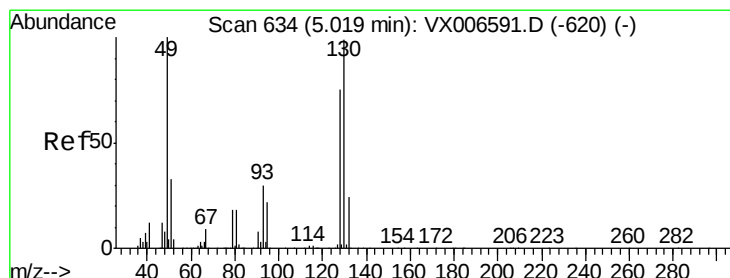
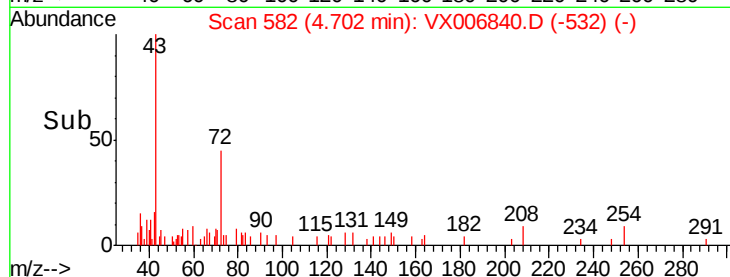
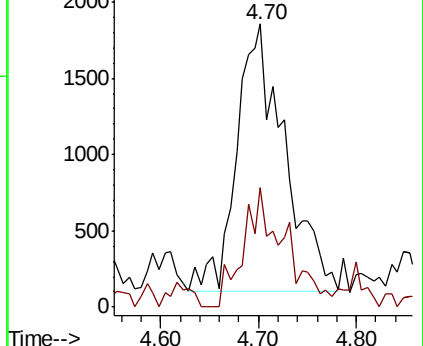
43 100

72 37.8 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 630

Delta R.T. -0.02 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

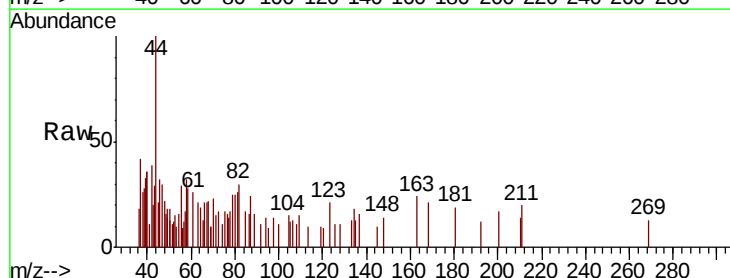
Tgt Ion: 49 Resp: 117

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

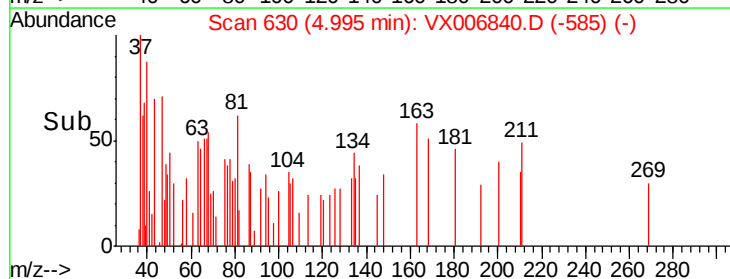
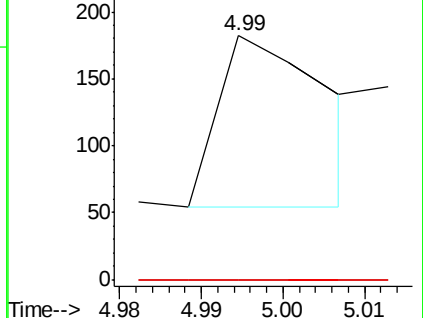
130 0.0 77.7 116.5#

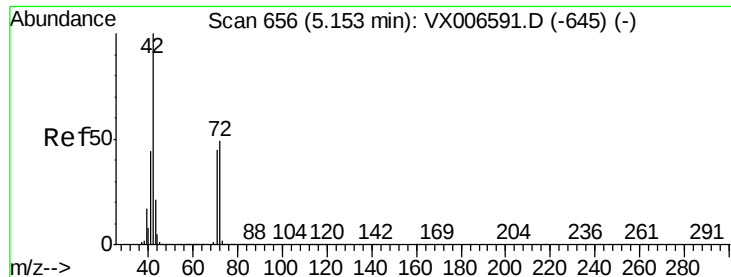


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

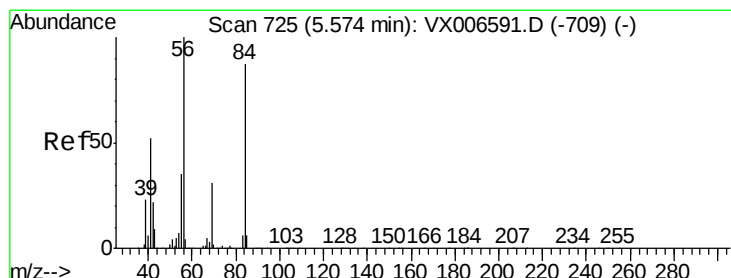
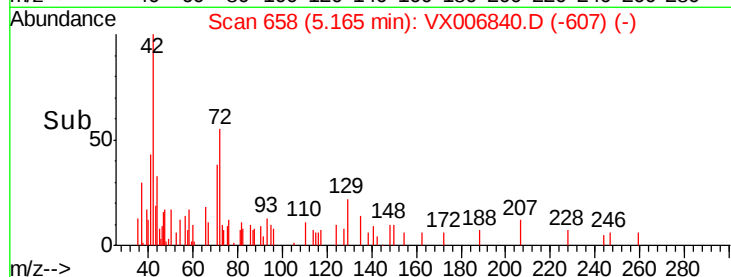
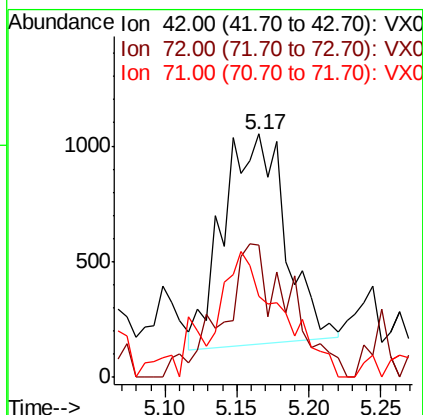
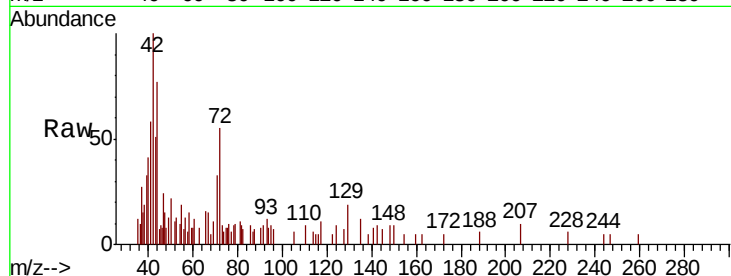




#29
Tetrahydrofuran
Concen: 0.826 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

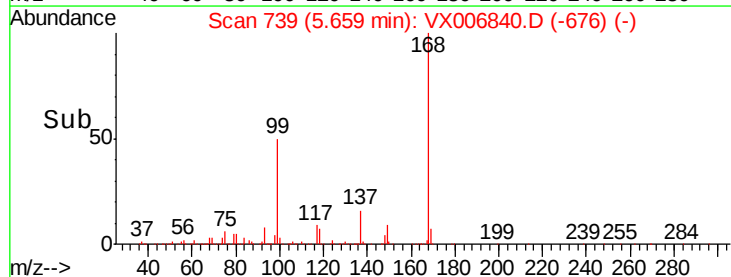
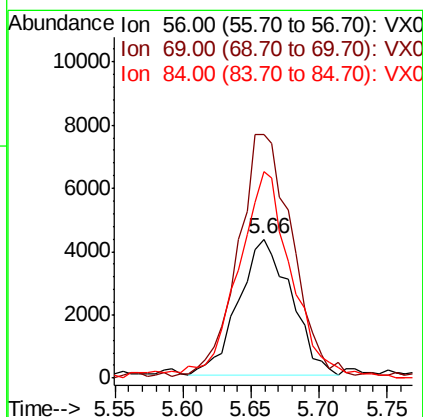
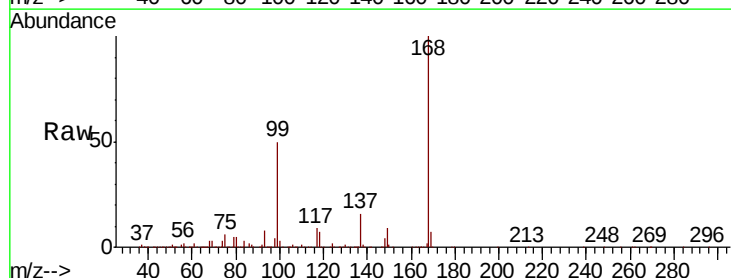
Instrument :
MSVOA_X
ClientSampleId :

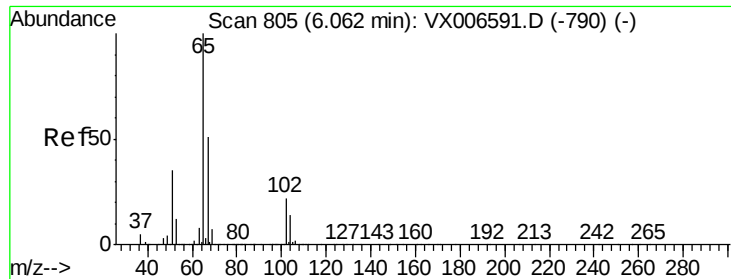
Tot Ion: 42 Resp: 2722
Ion Ratio Lower Upper
42 100
72 68.4 38.9 58.3#
71 55.3 36.2 54.4#



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 56 Resp: 11652
Ion Ratio Lower Upper
56 100
69 176.6 24.4 36.6#
84 144.7 70.0 105.0#

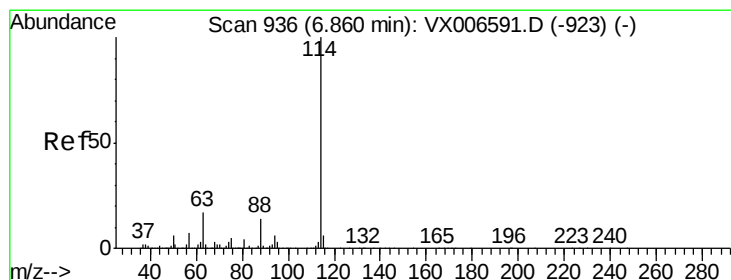
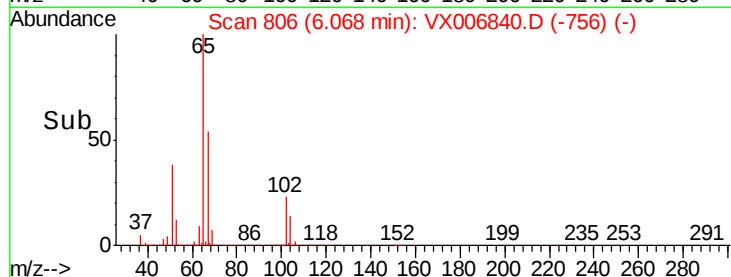
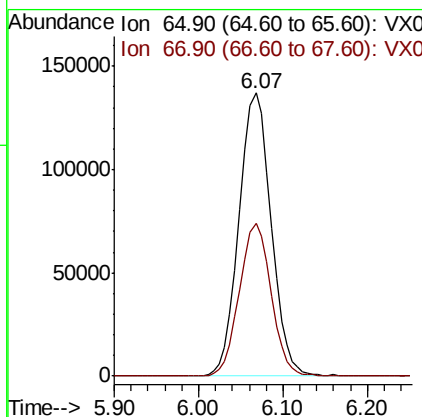
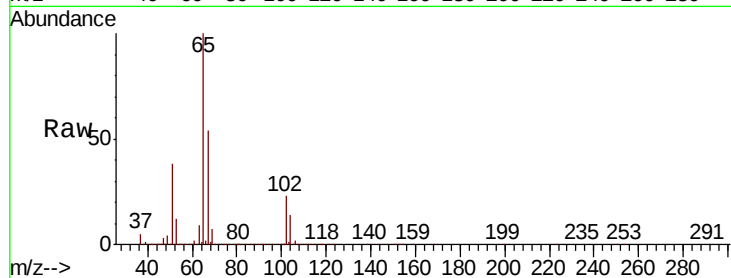




#33
 1,2-Dichloroethane-d4
 Concen: 45.759 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006840.D
 Acq: 27 Dec 2018 14:16

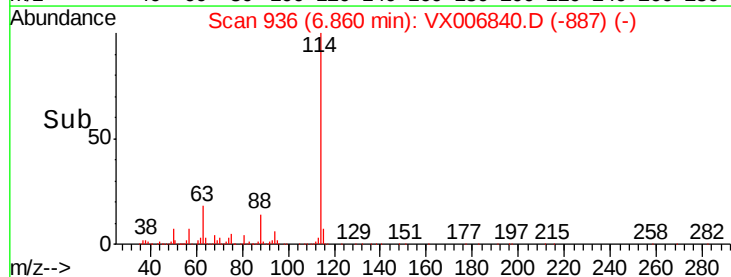
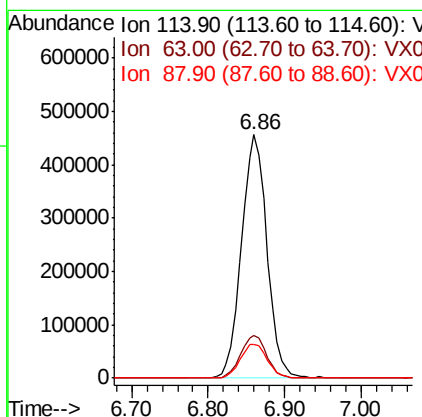
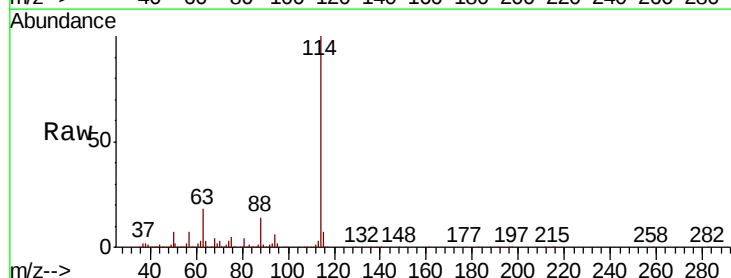
Instrument :
 MSVOA_X
 ClientSampleId :

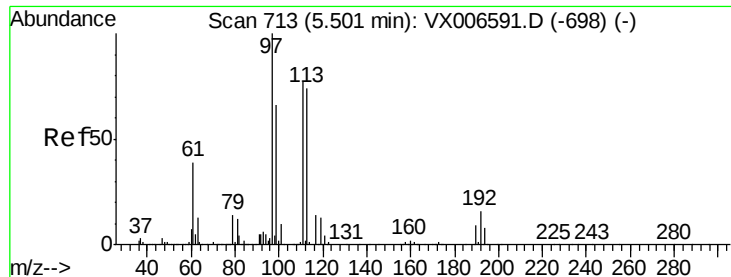
Tot Ion: 65 Resp: 354309
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006840.D
 Acq: 27 Dec 2018 14:16

Tgt Ion: 114 Resp: 1054666
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.8
 88 14.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.352 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :

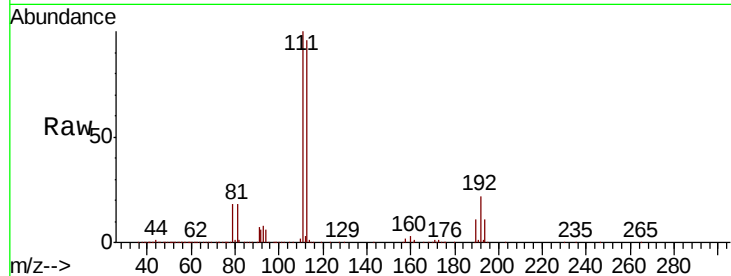
Tot Ion:113 Resp: 309148

Ion Ratio Lower Upper

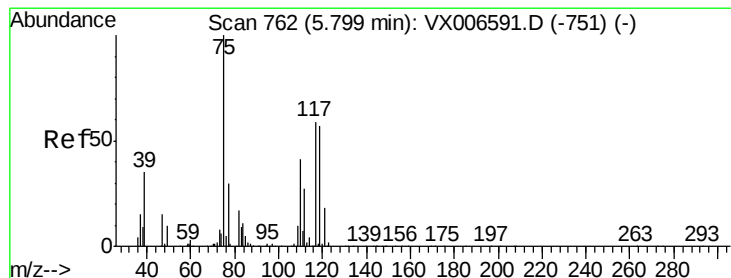
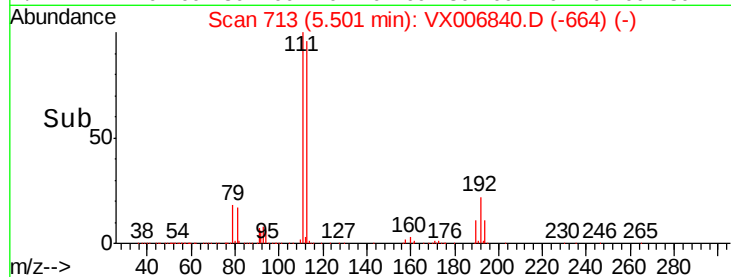
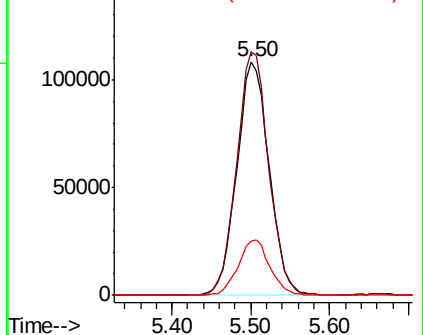
113 100

111 103.2 81.6 122.4

192 23.2 16.7 25.1



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: 5.100 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

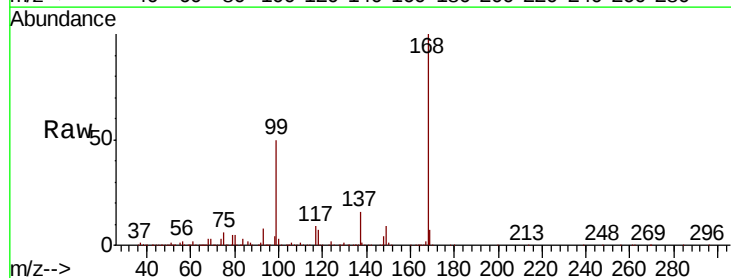
Tgt Ion: 75 Resp: 44552

Ion Ratio Lower Upper

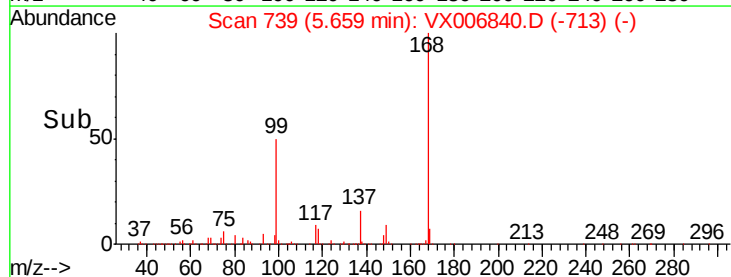
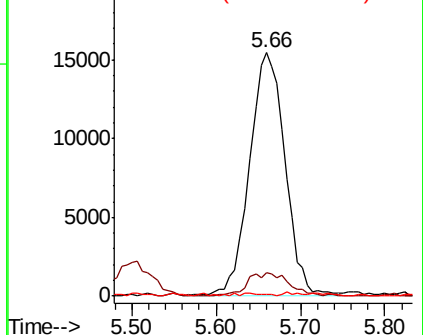
75 100

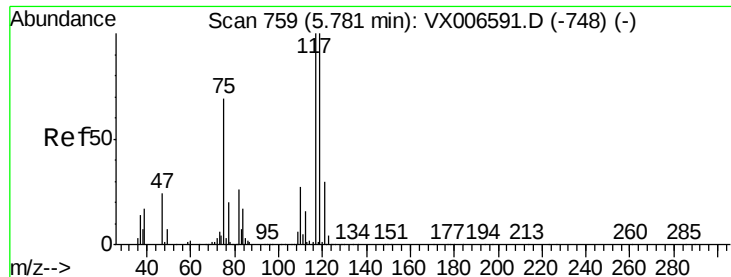
110 11.2 20.2 60.5#

77 0.8 24.8 37.2#



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

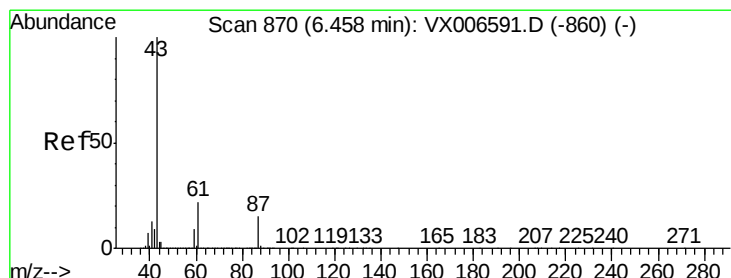
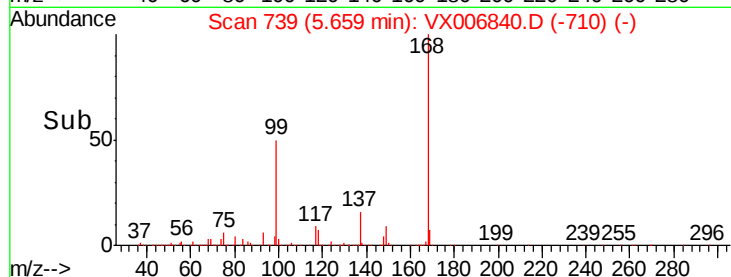
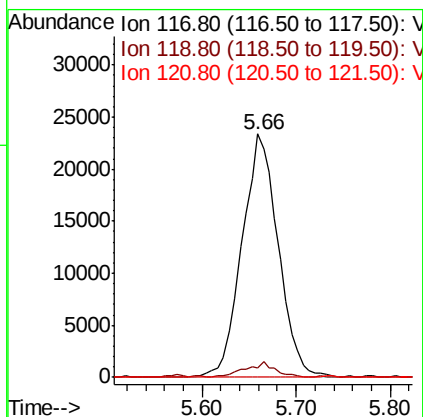
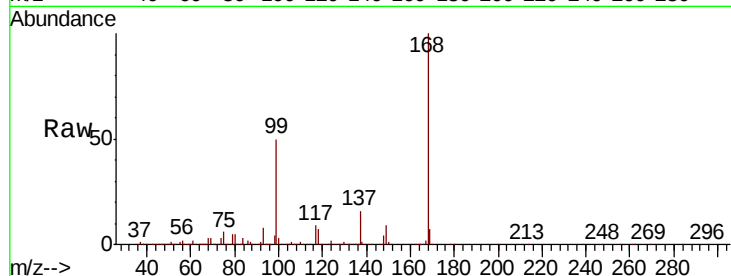




#38
Carbon Tetrachloride
Concen: 7.403 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

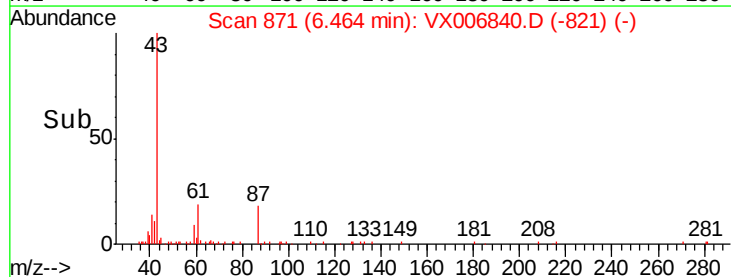
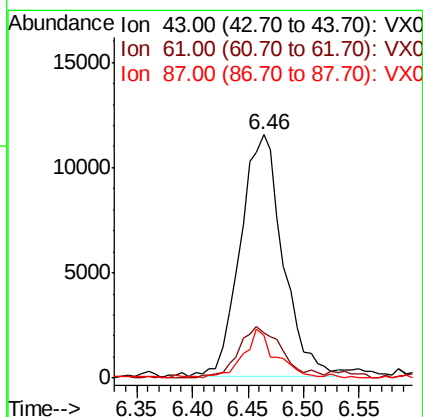
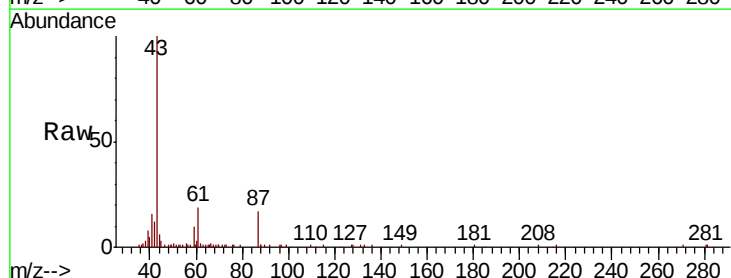
Instrument :
MSVOA_X
ClientSampleId :

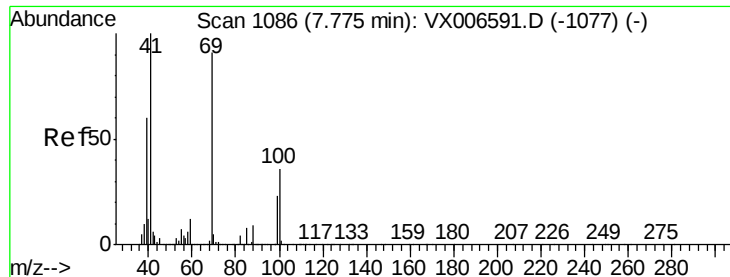
Tot Ion:117 Resp: 62846
Ion Ratio Lower Upper
117 100
119 4.0 79.4 119.2#
121 0.0 24.0 36.0#



#43
Isopropyl Acetate
Concen: 2.204 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 43 Resp: 30493
Ion Ratio Lower Upper
43 100
61 22.1 16.8 25.2
87 15.3 12.4 18.6





#48

Methvl methacrylate

Concen: 2.193 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

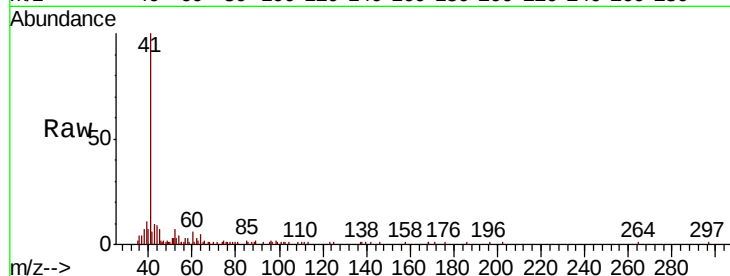
Tot Ion: 41 Resp: 15425

Ion Ratio Lower Upper

41 100

69 0.4 72.4 108.6#

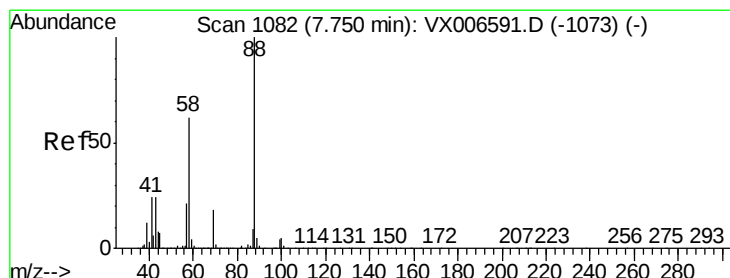
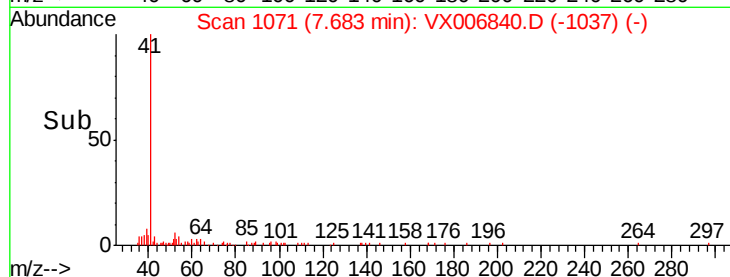
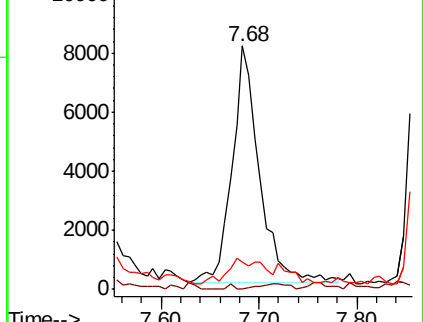
39 0.0 45.8 68.8#



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



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.73 min Scan# 1079

Delta R.T. -0.02 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

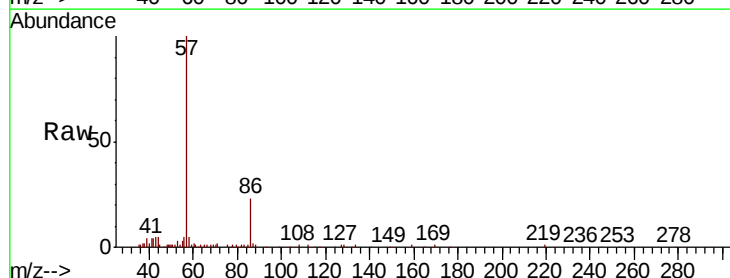
Tgt Ion: 88 Resp: 224

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

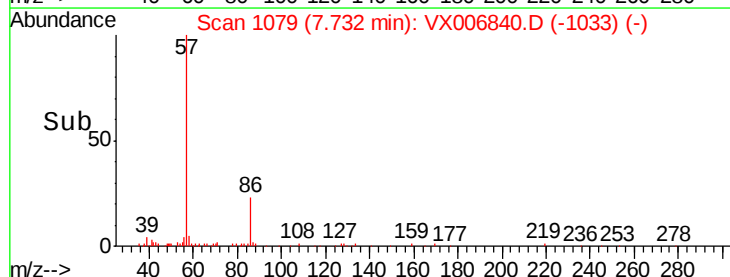
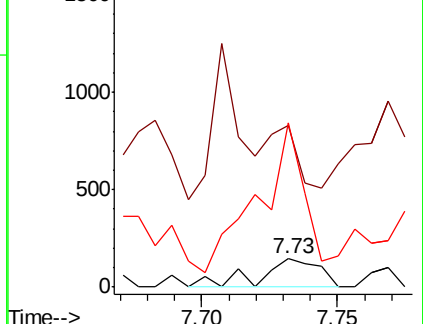
58 421.0 51.0 76.4#

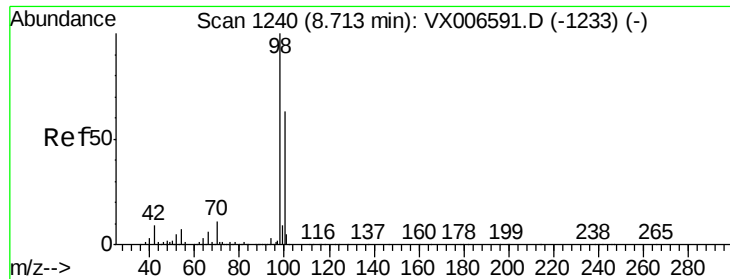


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

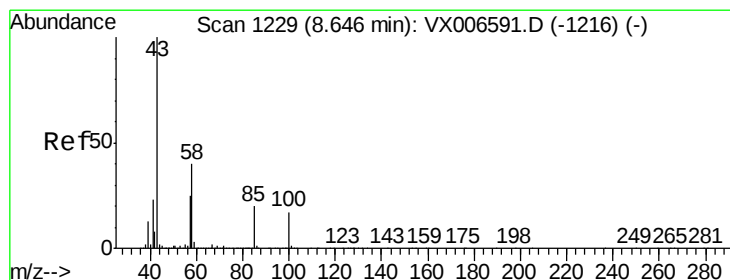
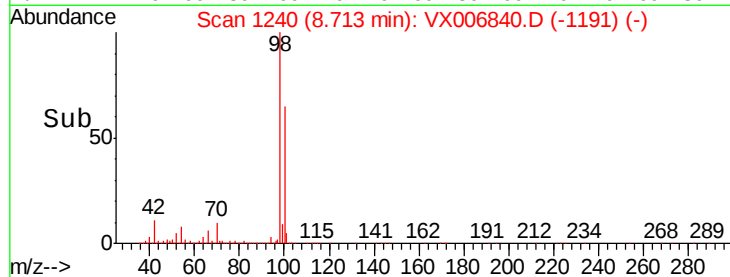
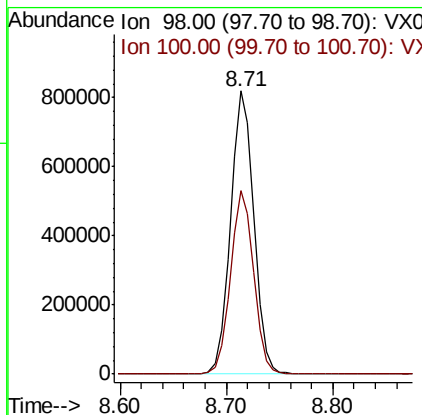
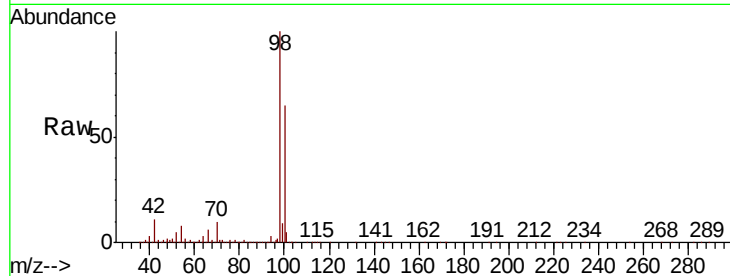




#50
Toluene-d8
Concen: 49.995 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

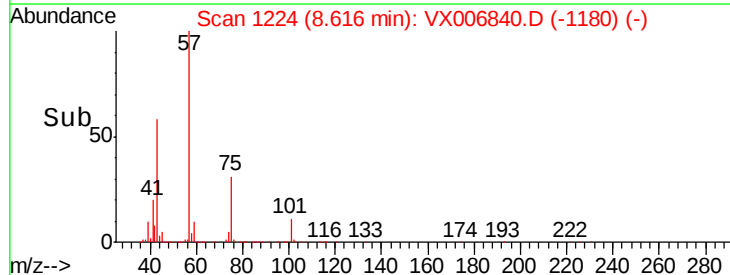
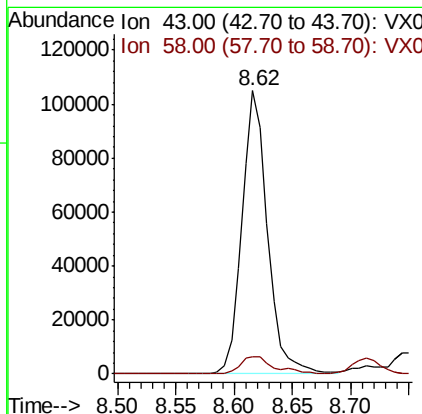
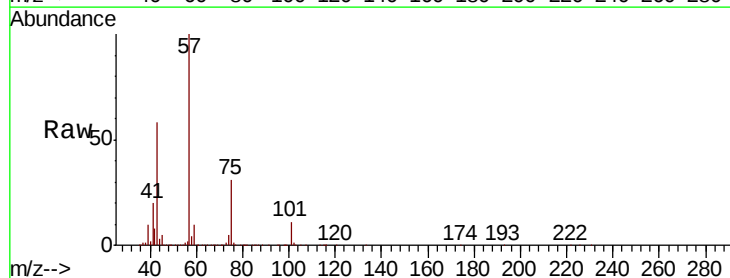
Instrument :
MSVOA_X
ClientSampleId :

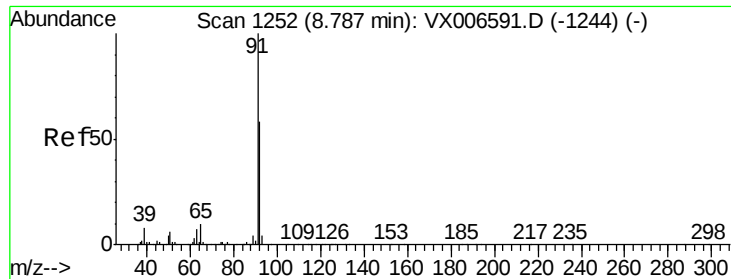
Tot Ion: 98 Resp: 1257077
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 18.155 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 43 Resp: 159794
Ion Ratio Lower Upper
43 100
58 8.3 31.8 47.6#





#52

Toluene

Concen: 0.551 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

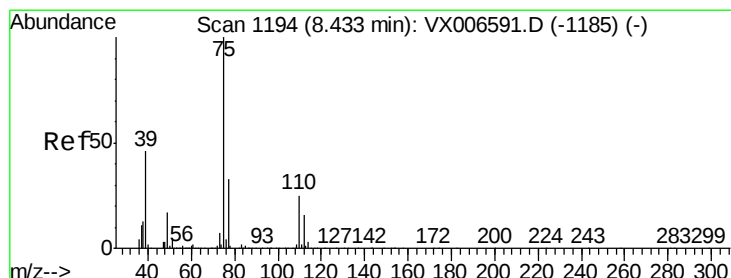
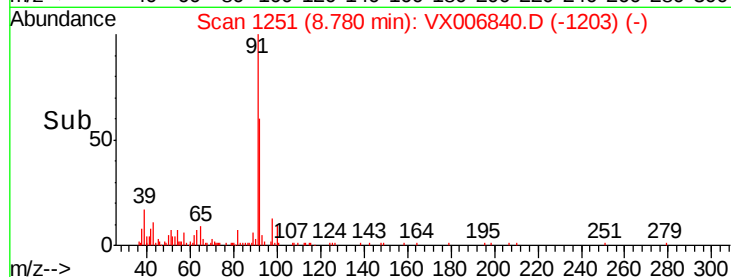
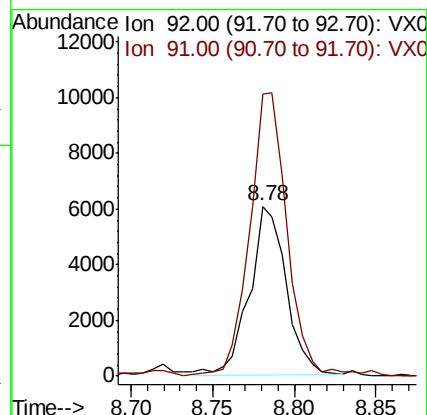
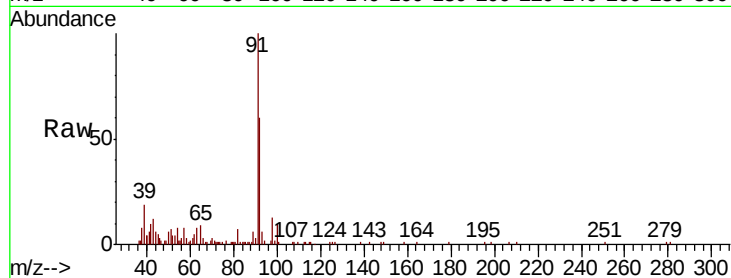
ClientSampleId :

Tot Ion: 92 Resp: 9448

Ion Ratio Lower Upper

92 100

91 173.7 137.6 206.4



#54

cis-1,3-Dichloropropene

Concen: 8.557 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

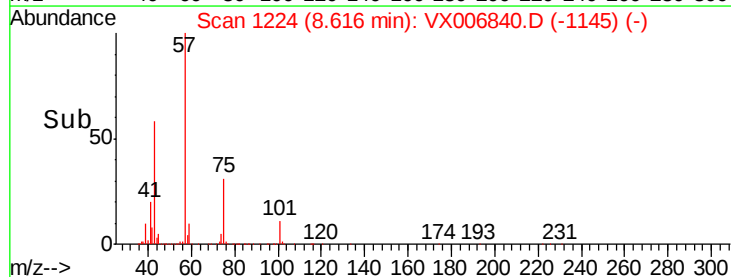
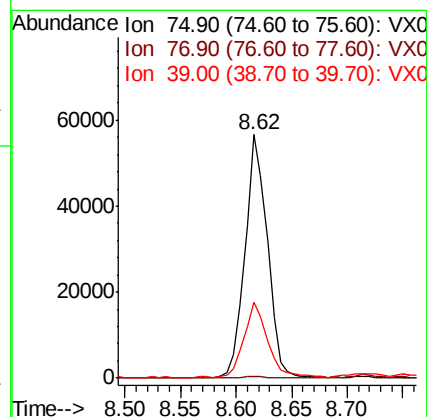
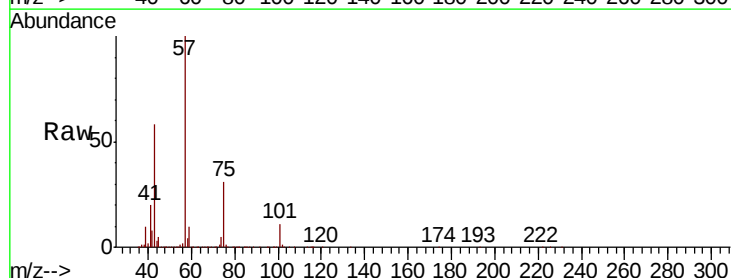
Tgt Ion: 75 Resp: 79460

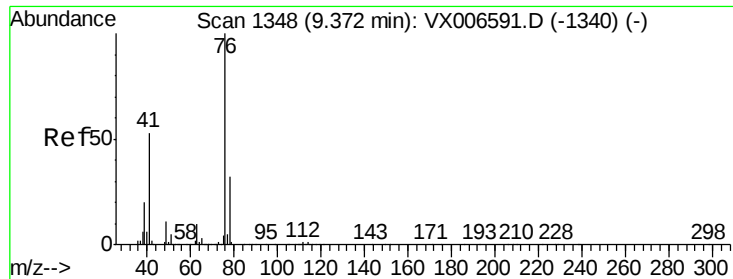
Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 30.7 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.694 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

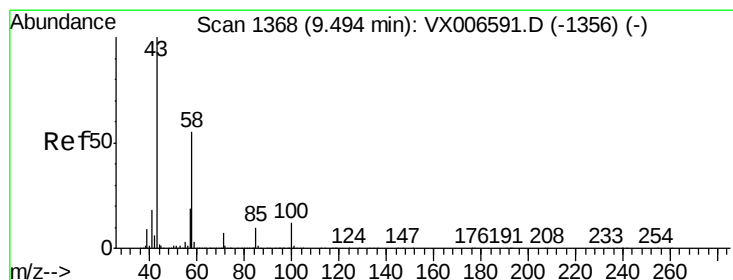
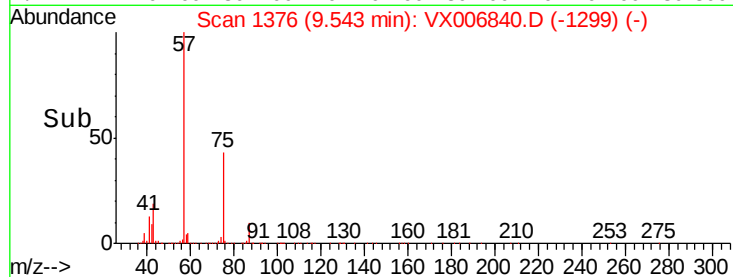
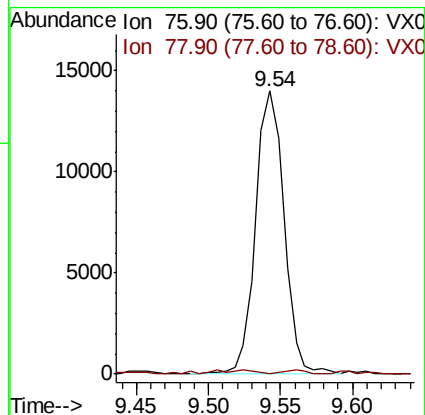
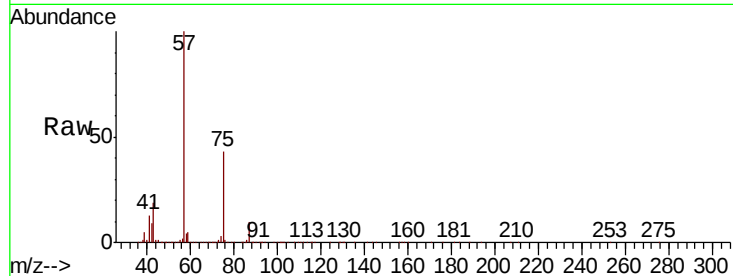
ClientSampleId :

Tot Ion: 76 Resp: 19133

Ion Ratio Lower Upper

76 100

78 1.1 26.0 39.0#



#59

2-Hexanone

Concen: 36.996 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006840.D

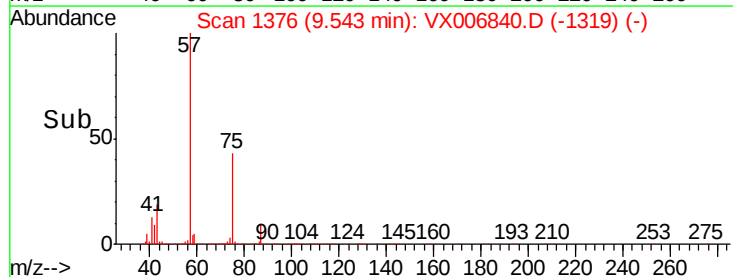
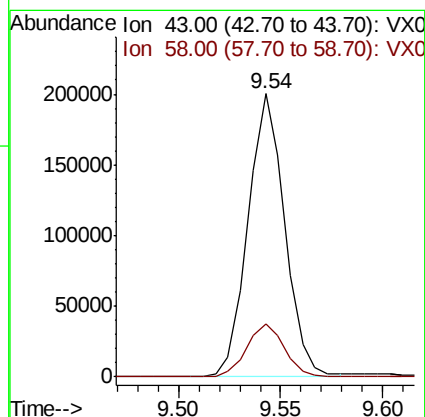
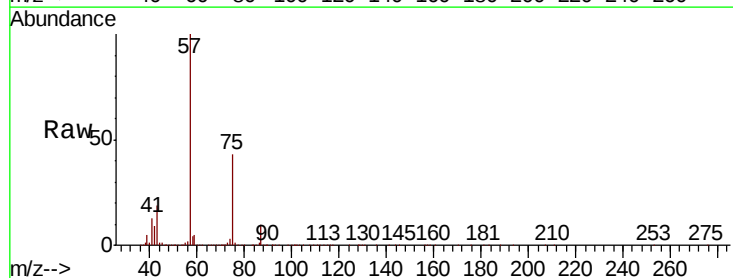
Acq: 27 Dec 2018 14:16

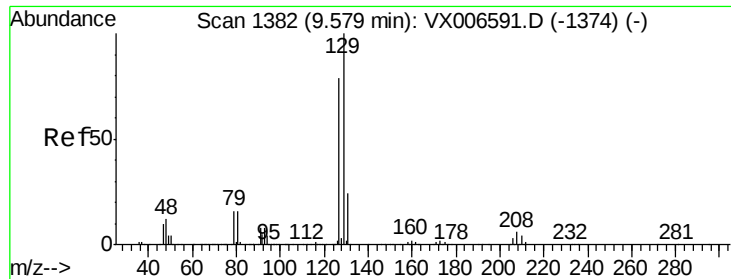
Tgt Ion: 43 Resp: 249142

Ion Ratio Lower Upper

43 100

58 20.0 27.7 83.1#





#60

Dibromochloromethane

Concen: 2.340 ug/l

RT: 9.59 min Scan# 1384

Delta R.T. 0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

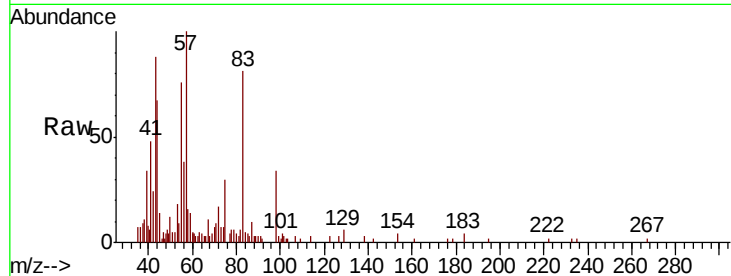
ClientSampleId :

Tot Ion:129 Resp: 125

Ion Ratio Lower Upper

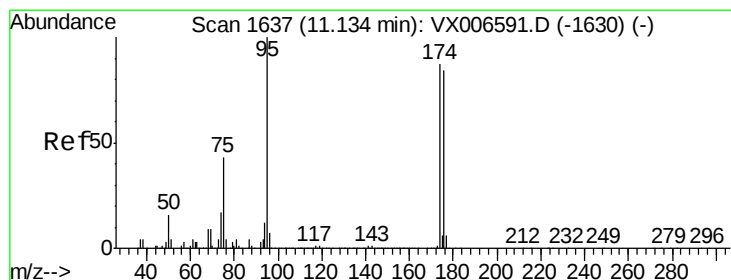
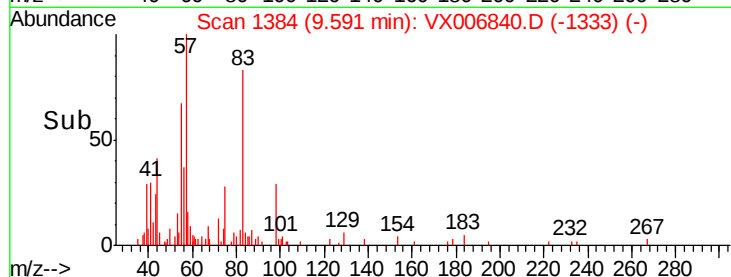
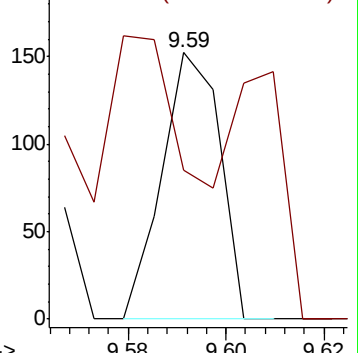
129 100

127 265.6 39.3 117.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 49.301 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

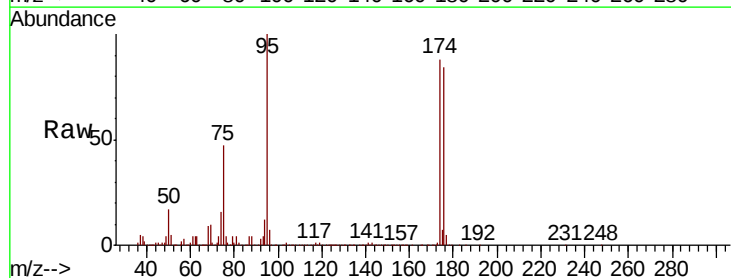
Tgt Ion: 95 Resp: 454011

Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

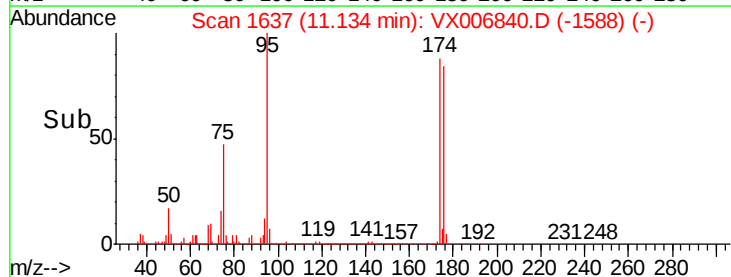
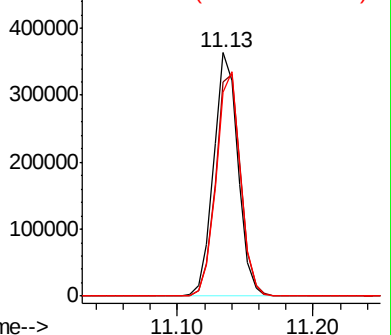
176 92.3 0.0 178.8

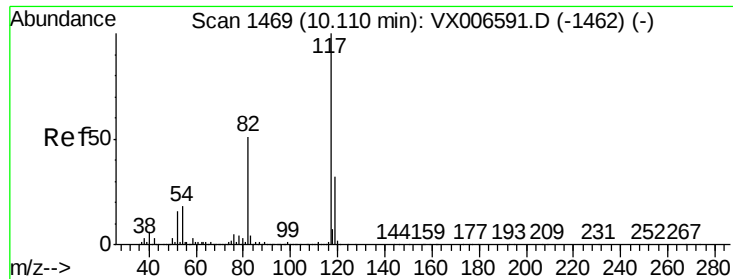


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

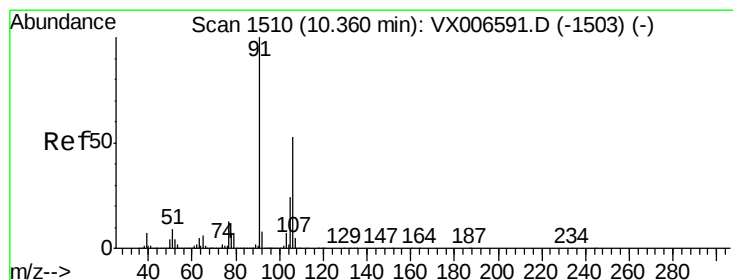
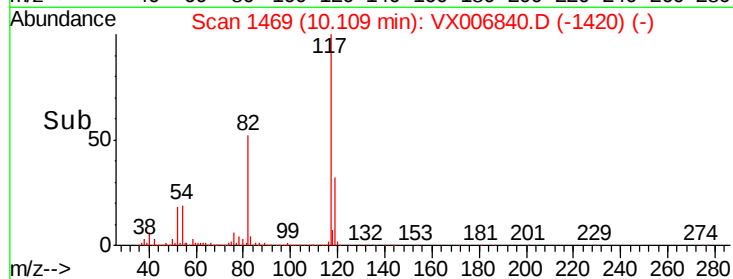
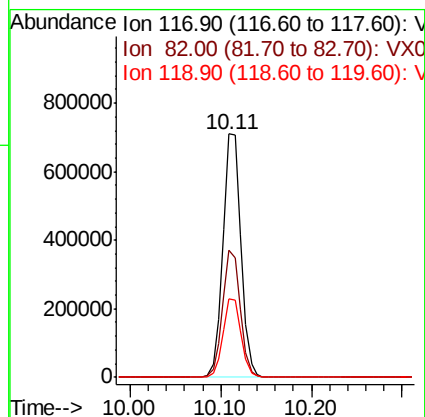
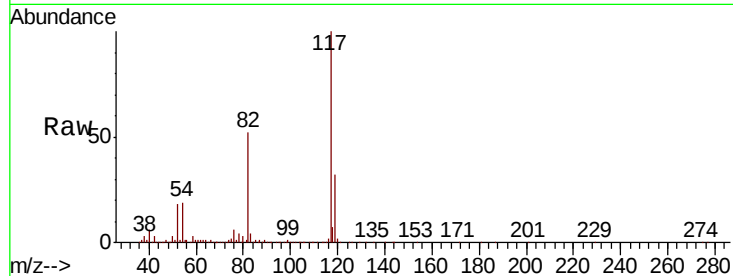




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

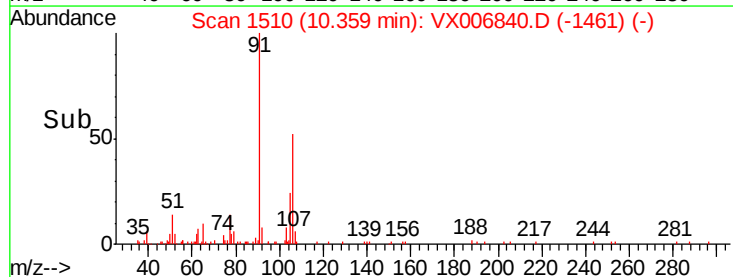
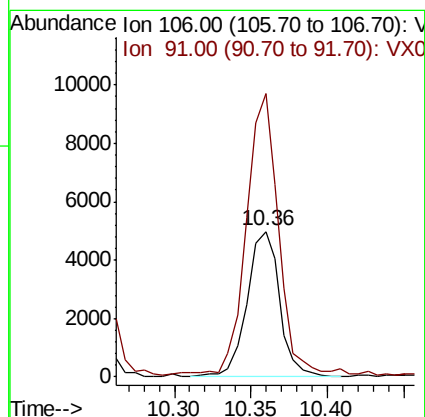
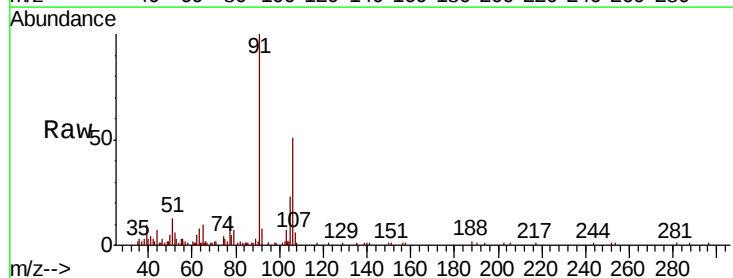
Instrument :
MSVOA_X
ClientSampled :

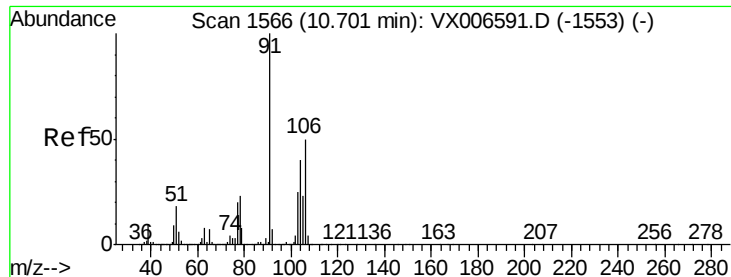
Tot Ion:117 Resp: 985714
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.6
119 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 0.549 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion:106 Resp: 7385
Ion Ratio Lower Upper
106 100
91 187.9 155.8 233.6

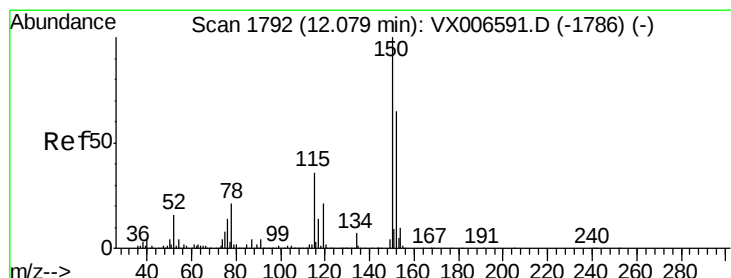
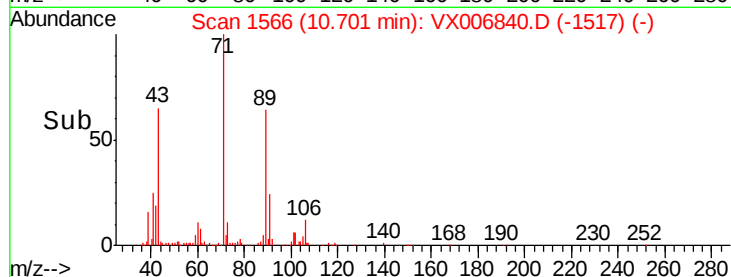
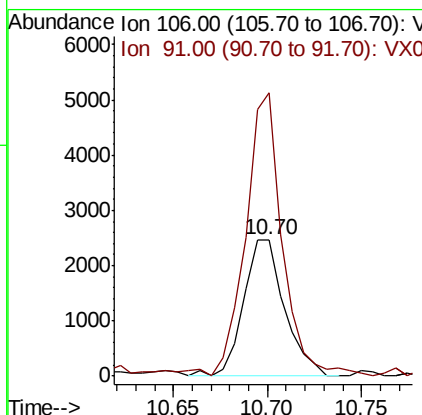
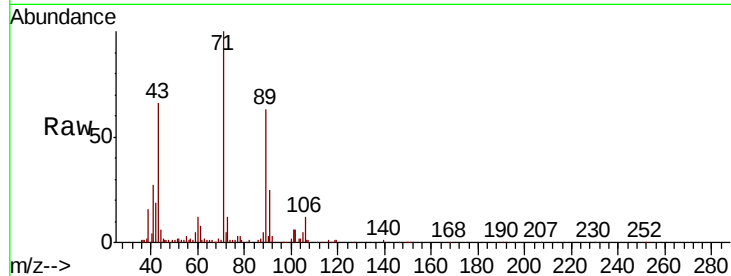




#69
o-Xylene
Concen: 0.281 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

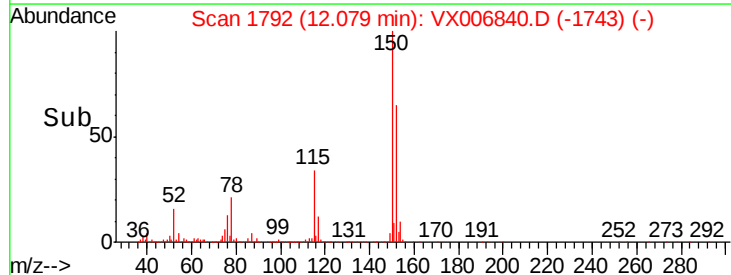
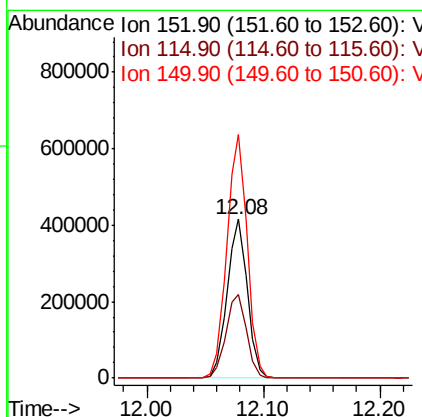
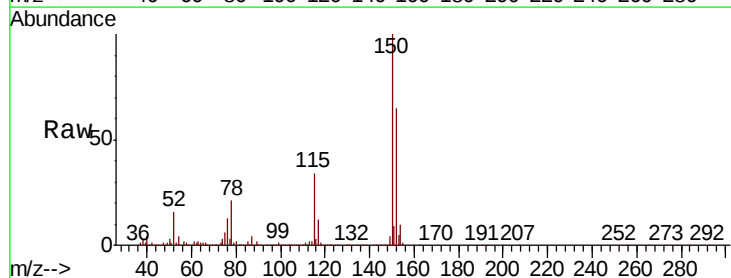
Instrument :
MSVOA_X
ClientSampled :

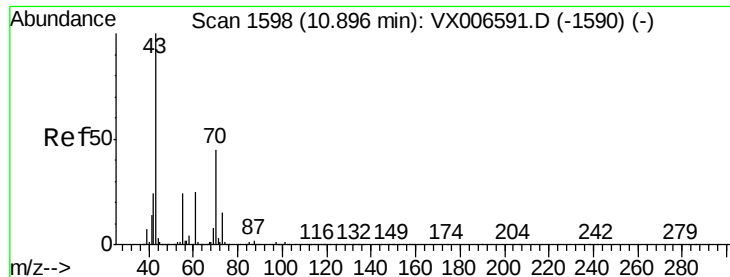
Tot Ion:106 Resp: 3737
Ion Ratio Lower Upper
106 100
91 185.5 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion:152 Resp: 496584
Ion Ratio Lower Upper
152 100
115 53.6 39.1 117.2
150 155.0 0.0 344.8





#74

N-amyl acetate

Concen: 1.900 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006840.D

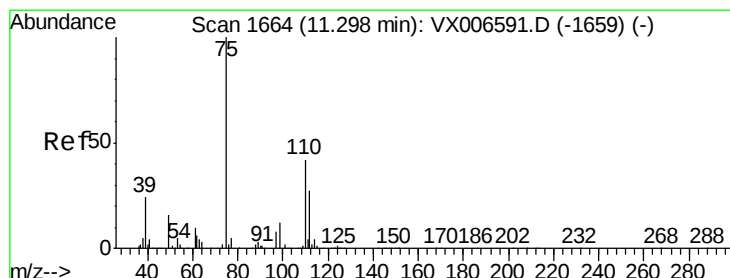
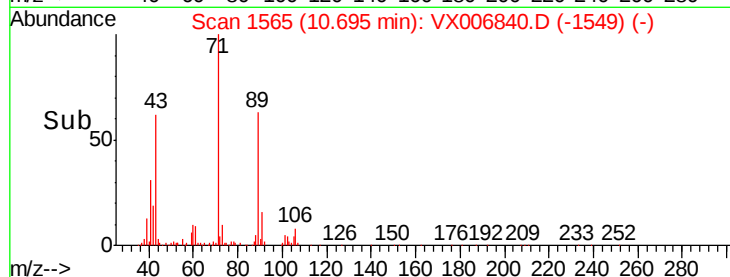
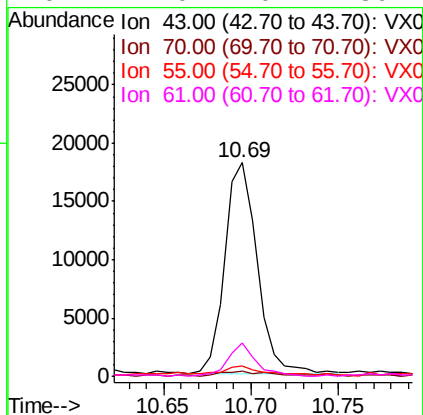
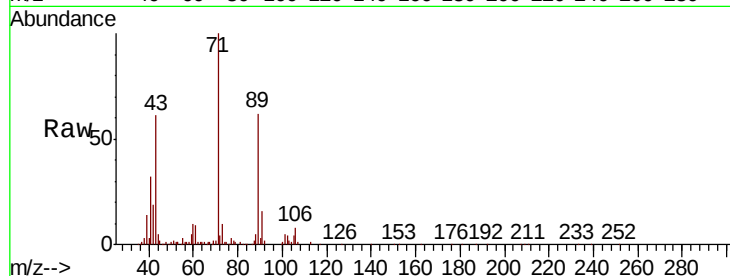
Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	43	Resp:	23106
Ion	Ratio	Lower	Upper
43	100		
70	4.0	35.8	53.8#
55	5.0	19.4	29.0#
61	14.0	20.1	30.1#



#76

1,2,3-Trichloropropane

Concen: 23.321 ug/l

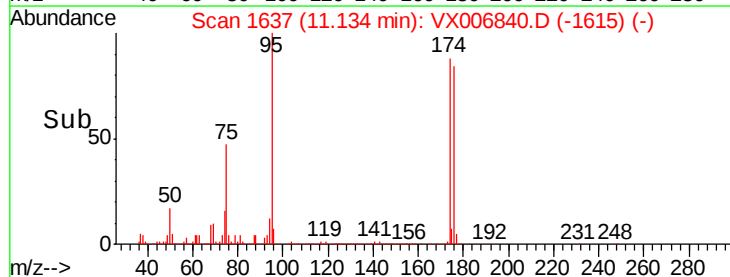
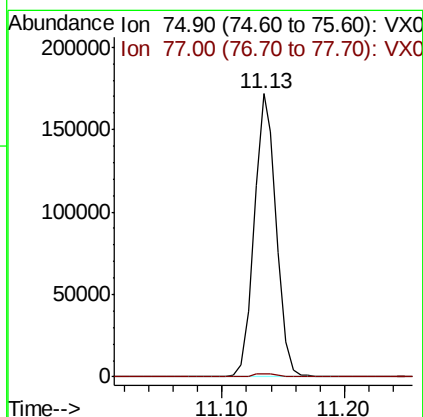
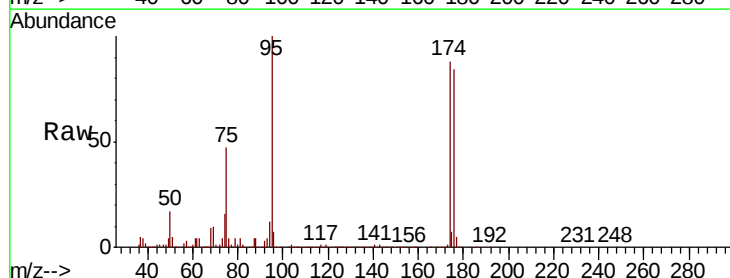
RT: 11.13 min Scan# 1637

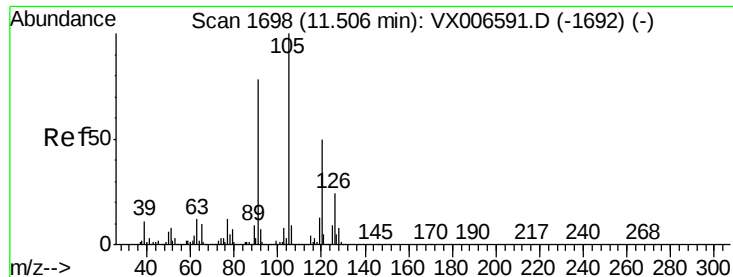
Delta R.T. -0.16 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Tgt Ion:	75	Resp:	215222
Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.425 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

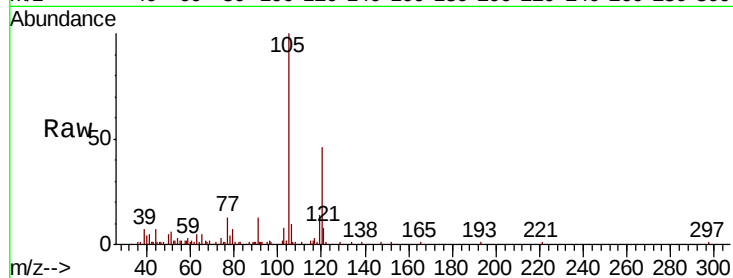
ClientSampleId :

Tot Ion:105 Resp: 11887

Ion Ratio Lower Upper

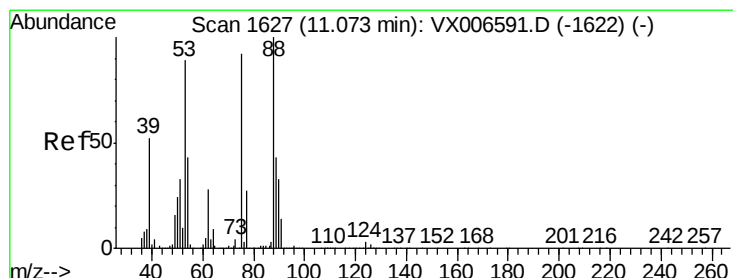
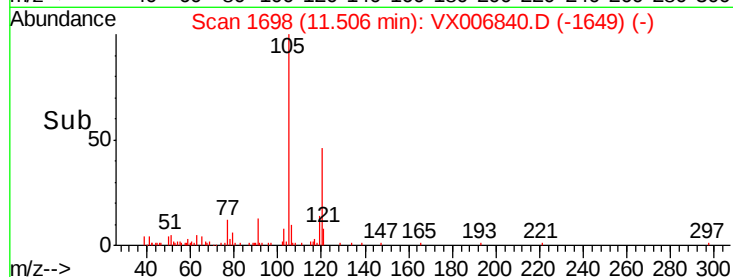
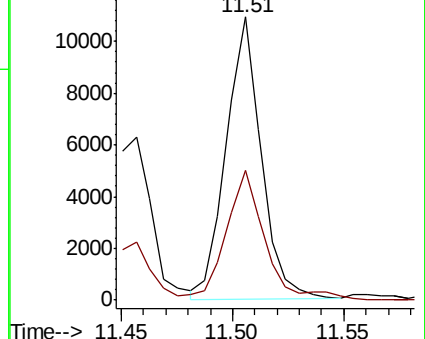
105 100

120 51.2 25.1 75.3



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: 69.198 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

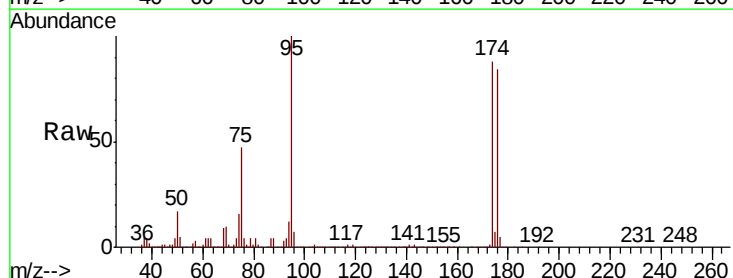
Tgt Ion: 75 Resp: 215222

Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

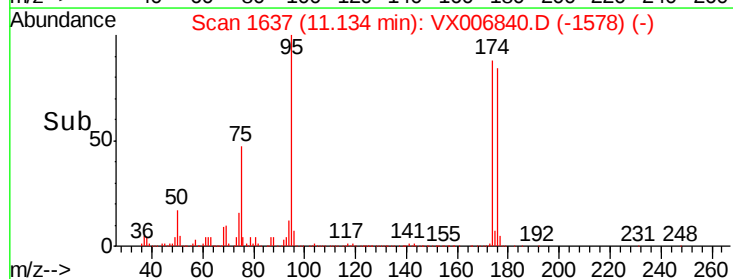
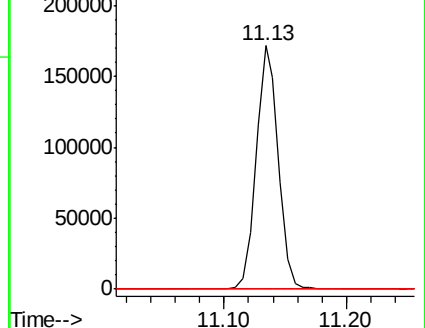
89 0.1 38.0 57.0#

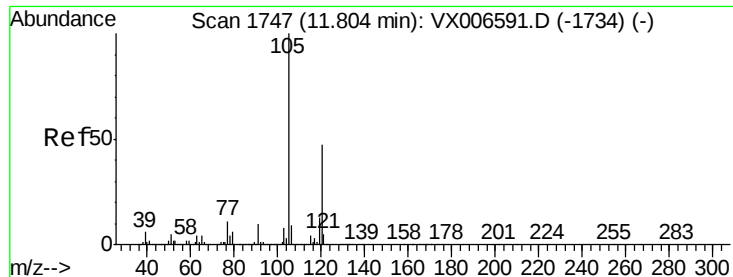


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84

1,2,4-Trimethylbenzene

Concen: 1.054 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

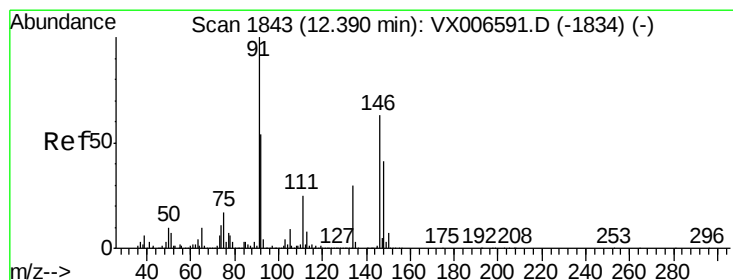
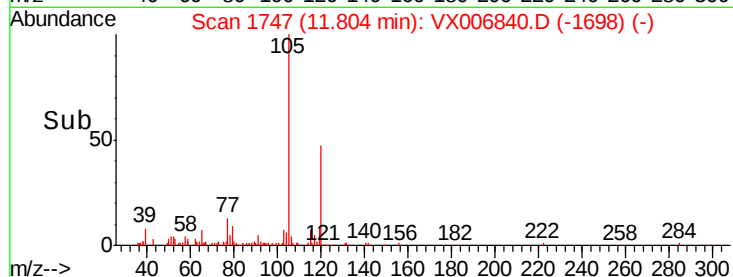
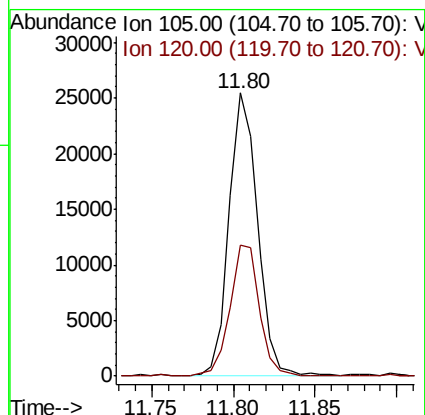
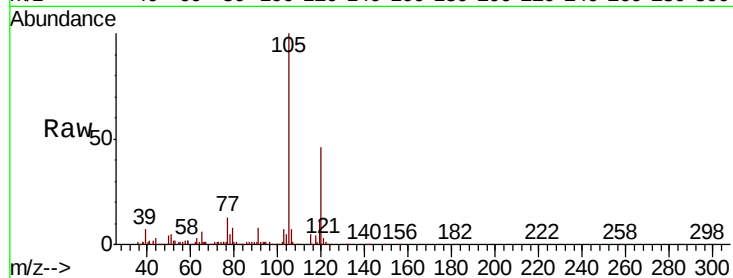
ClientSampleId :

Tot Ion:105 Resp: 31021

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6



#89

n-Butylbenzene

Concen: 0.222 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

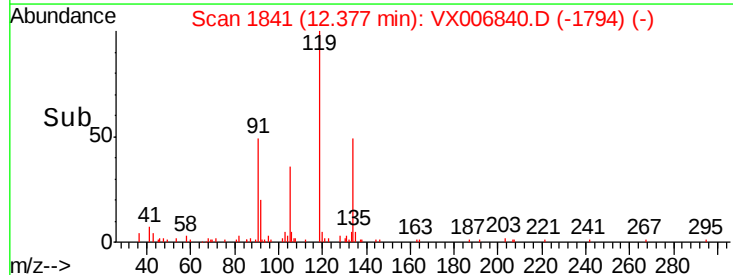
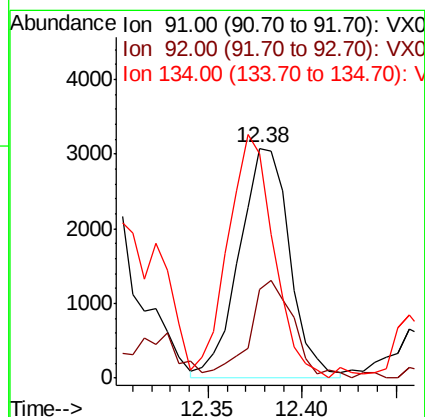
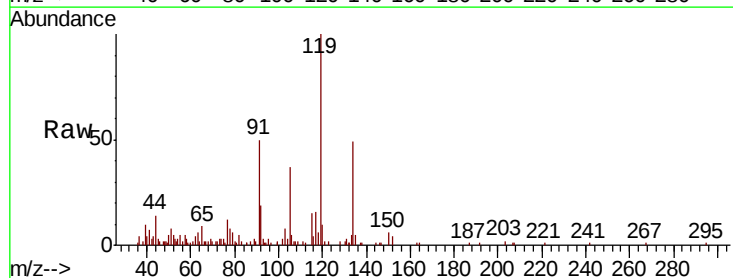
Tgt Ion: 91 Resp: 5715

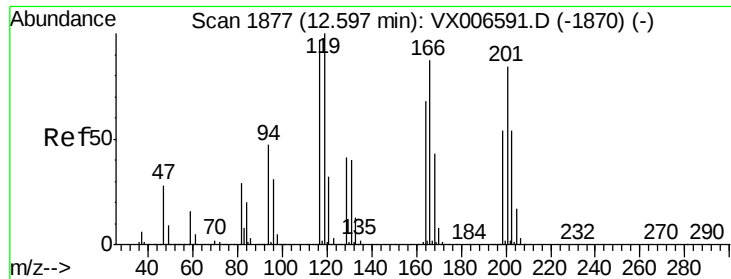
Ion Ratio Lower Upper

91 100

92 37.5 26.8 80.4

134 96.3 14.4 43.2#





#90

Hexachloroethane

Concen: 3.475 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

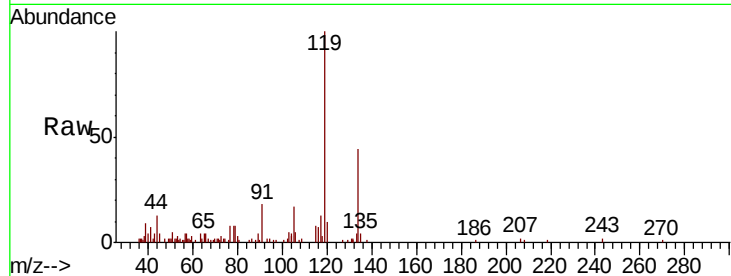
ClientSampleId :

Tot Ion:117 Resp: 918

Ion Ratio Lower Upper

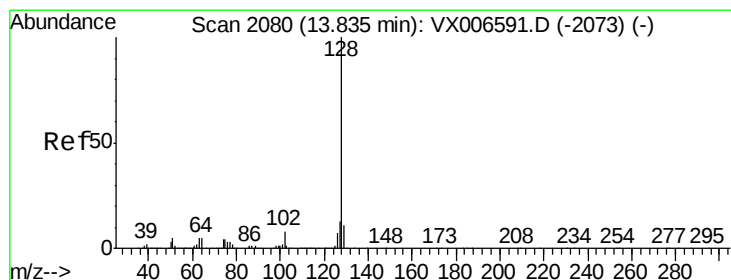
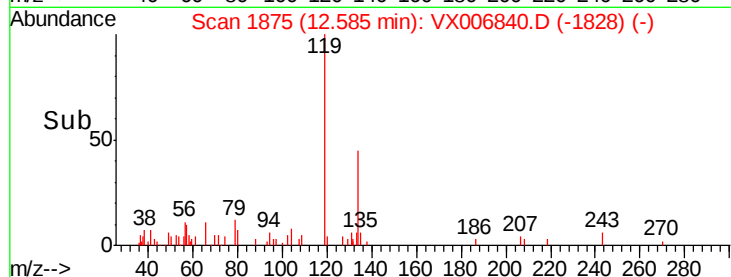
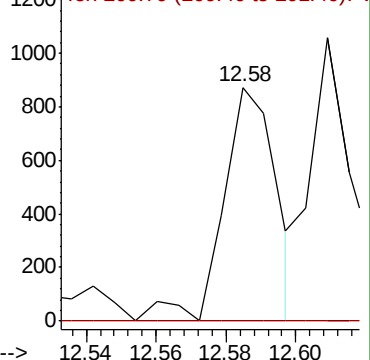
117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 10.876 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

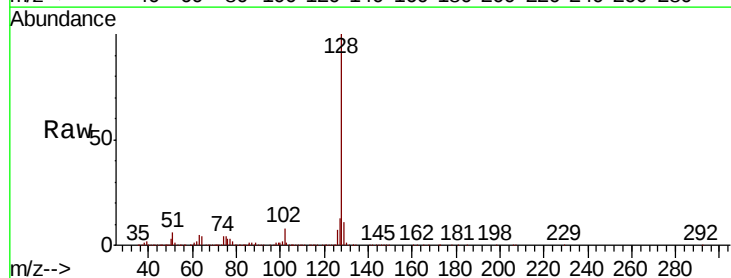
Tgt Ion:128 Resp: 396485

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.2 8.6 13.0



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

