

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002726.D
 Acq On : 19 Jun 2018 21:11
 Operator : JC/MD
 Sample : J3528-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 01:05:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143521	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
35) Dibromofluoromethane	5.51	113	113021	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.72	98	427153	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.14	95	156334	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

Target Compounds			Qvalue			
3) Chloromethane	1.32	50	18330	7.04	ug/l #	46
5) Bromomethane	1.66	94	821	0.50	ug/l #	61
6) Chloroethane	1.98	64	1281	0.72	ug/l #	66
10) Methyl Iodide	2.53	142	715	5.37	ug/l #	97
11) Tert butyl alcohol	3.07	59	45320	70.01	ug/l	98
13) Acrolein	2.28	56	548	8.62	ug/l #	47
16) Acetone	2.45	43	28123	20.36	ug/l	99
17) Carbon Disulfide	2.57	76	5478	1.00	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	217478	25.18	ug/l	100
20) Methylene Chloride	2.85	84	747	0.26	ug/l #	64
25) 2-Butanone	4.72	43	8261	4.55	ug/l	100
29) Tetrahydrofuran	5.19	42	1816	1.53	ug/l #	72
31) Cyclohexane	5.59	56	823	0.22	ug/l #	83
36) 1,1-Dichloropropene	5.67	75	14387	4.51	ug/l #	52
37) Ethyl Acetate	4.72	43	8261	2.29	ug/l #	70
38) Carbon Tetrachloride	5.67	117	19072	6.01	ug/l #	16
40) Benzene	6.15	78	75909	7.94	ug/l	99
42) 1,2-Dichloroethane	6.15	62	957	0.26	ug/l #	77
43) Isopropyl Acetate	6.46	43	10402	1.74	ug/l #	33
48) Methyl methacrylate	7.77	41	1011	0.33	ug/l #	60
49) 1,4-Dioxane	7.78	88	43	0.74	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	28259	7.36	ug/l	100
52) Toluene	8.79	92	234667	38.48	ug/l	100
54) cis-1,3-Dichloropropene	8.79	75	3198	4.01	ug/l #	1
56) Ethyl methacrylate	9.11	69	5691	1.50	ug/l #	54
59) 2-Hexanone	9.51	43	1135	0.39	ug/l	86
60) Dibromochloromethane	9.34	129	68	3.78	ug/l #	11
67) Ethyl Benzene	10.26	91	138302	11.87	ug/l	99
68) m/p-Xylenes	10.36	106	337043	75.02	ug/l	100
69) o-Xylene	10.70	106	221190	50.11	ug/l	100
70) Styrene	10.70	104	14243	1.96	ug/l #	1
73) Isopropylbenzene	11.02	105	14250	1.28	ug/l	100
74) N-amyl acetate	6.46	43	10402	1.88	ug/l #	60
76) 1,2,3-Trichloropropane	11.14	75	83027	26.42	ug/l #	33

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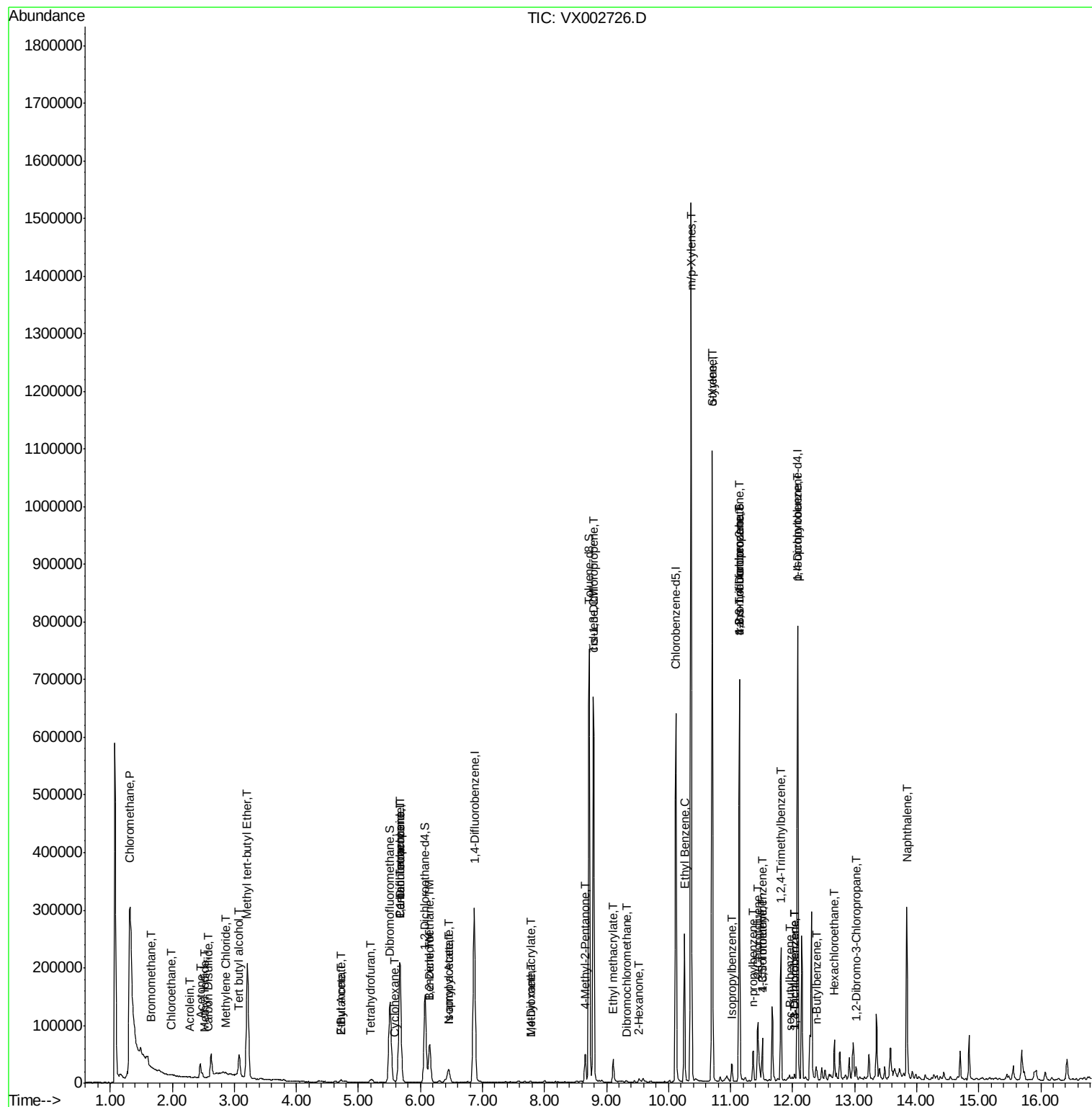
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	11.37	91	30461	2.38	ug/l	99
79) 2-Chlorotoluene	11.44	91	9366	1.23	ug/l #	49
80) 1,3,5-Trimethylbenzene	11.51	105	31038	3.30	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	83027	81.64	ug/l #	6
82) 4-Chlorotoluene	11.51	91	3777	0.42	ug/l #	47
84) 1,2,4-Trimethylbenzene	11.81	105	93800	9.76	ug/l	99
85) sec-Butylbenzene	11.95	105	3343	0.30	ug/l	97
86) p-Isopropyltoluene	12.07	119	2492	0.24	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	1614	0.28	ug/l	97
88) 1,4-Dichlorobenzene	12.03	146	1614	0.28	ug/l	96
89) n-Butylbenzene	12.39	91	4549	0.51	ug/l #	48
90) Hexachloroethane	12.67	117	3450	4.68	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	165	0.24	ug/l #	1
95) Naphthalene	13.84	128	186314	16.65	ug/l	100

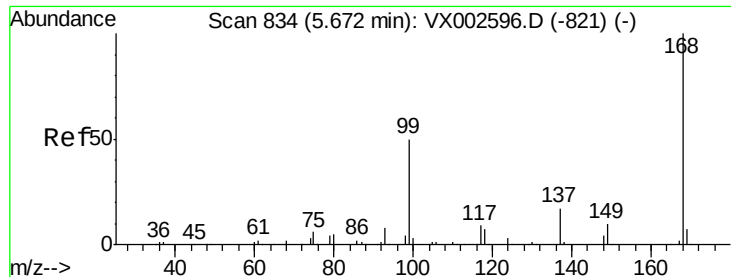
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

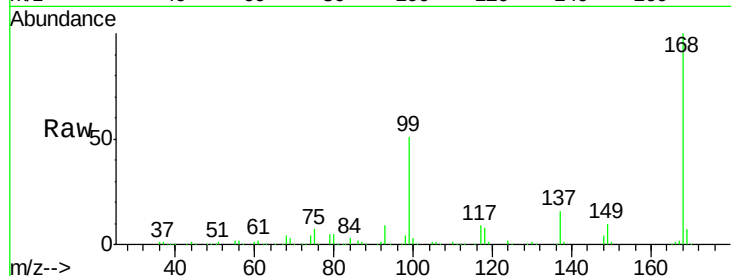
ClientSampleId :

Tot Ion:168 Resp: 206072

Ion Ratio Lower Upper

168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

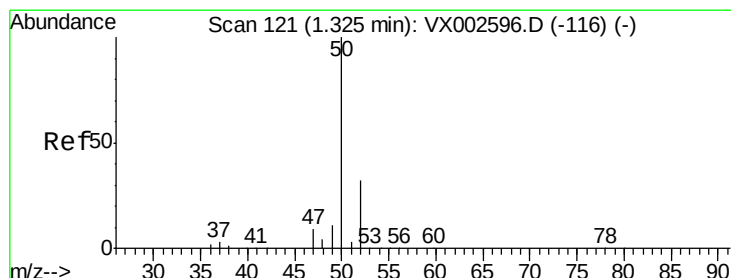
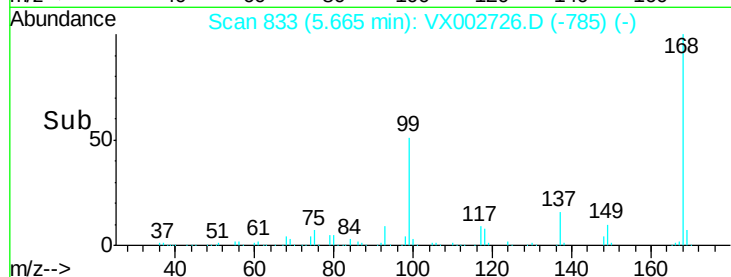
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 7.04 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX002726.D

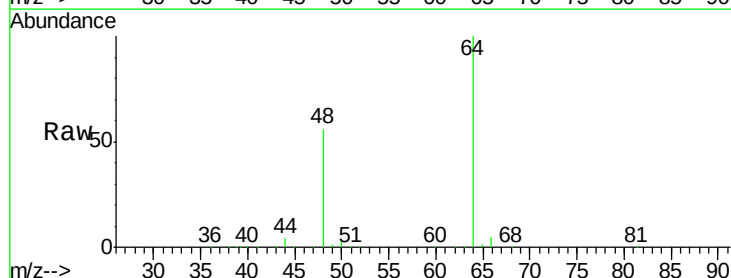
Acq: 19 Jun 2018 21:11

Tgt Ion: 50 Resp: 18330

Ion Ratio Lower Upper

50 100

52 1.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

5000

4000

3000

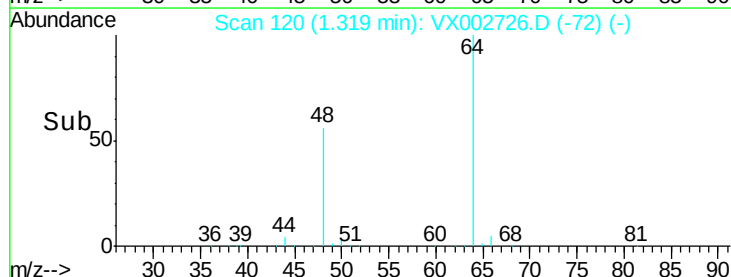
2000

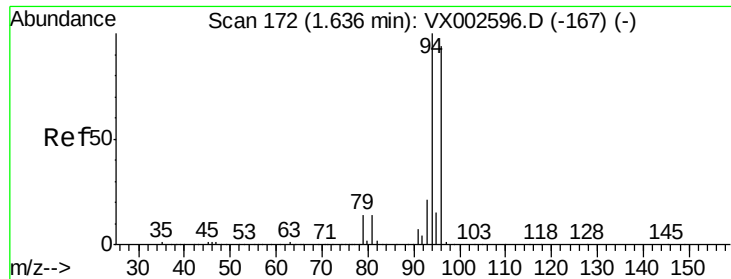
1000

0

1.20 1.30 1.40

Time-->





#5

Bromomethane

Concen: 0.50 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

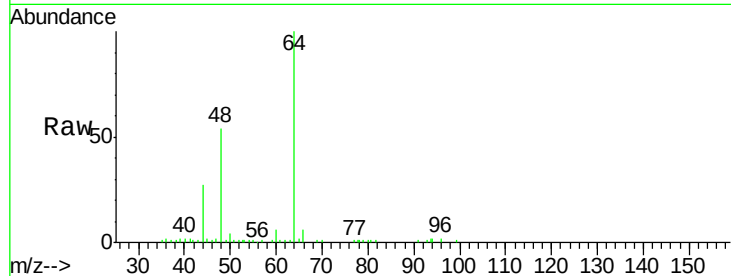
ClientSampled :

Tot Ion: 94 Resp: 821

Ion Ratio Lower Upper

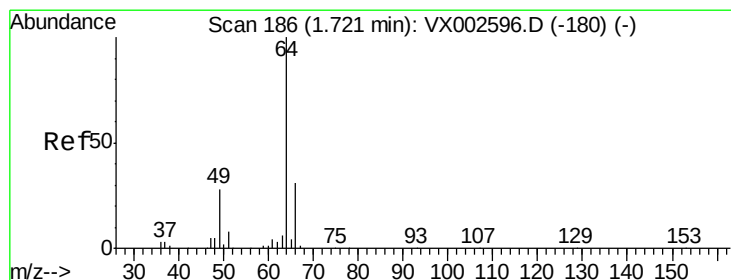
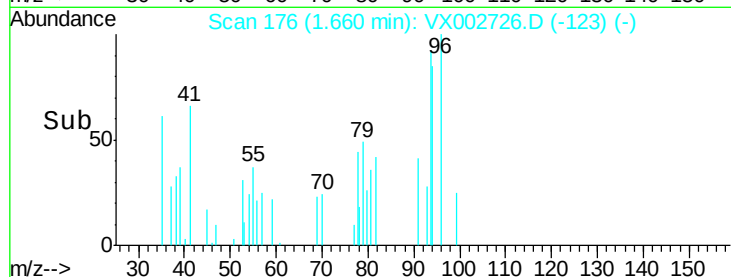
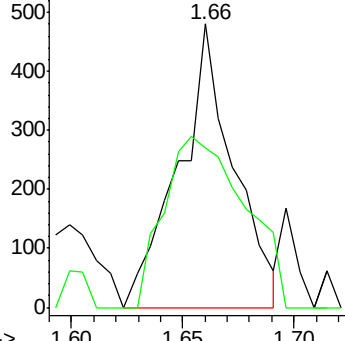
94 100

96 56.5 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.72 ug/l

RT: 1.98 min Scan# 229

Delta R.T. 0.26 min

Lab File: VX002726.D

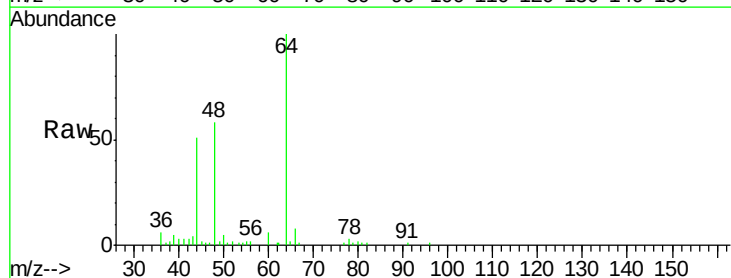
Acq: 19 Jun 2018 21:11

Tgt Ion: 64 Resp: 1281

Ion Ratio Lower Upper

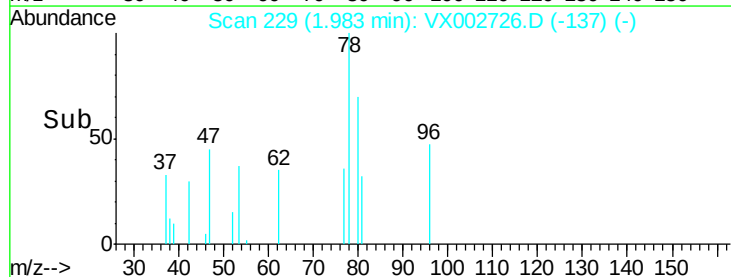
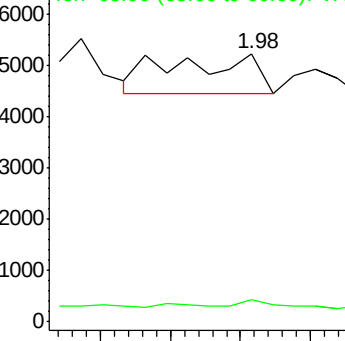
64 100

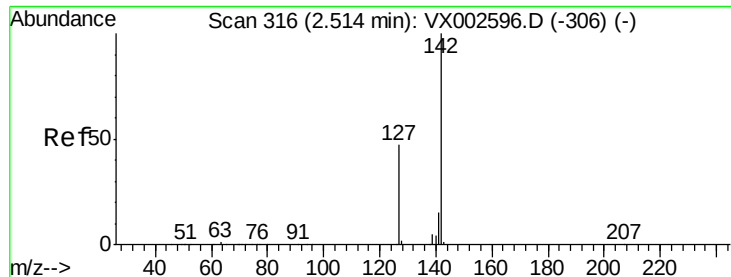
66 13.1 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

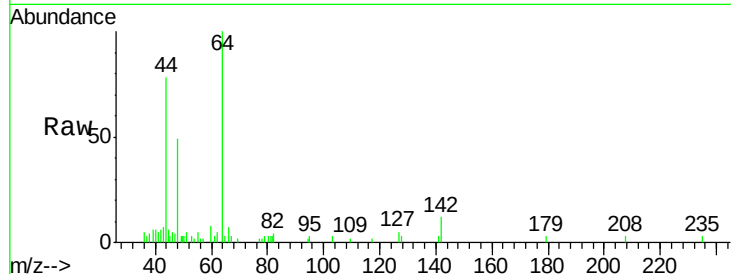




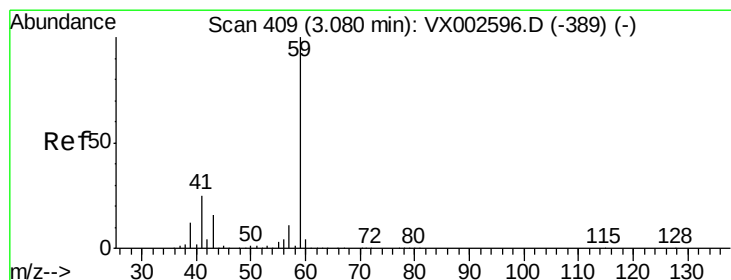
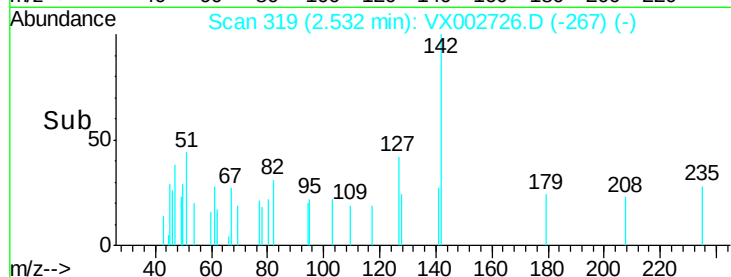
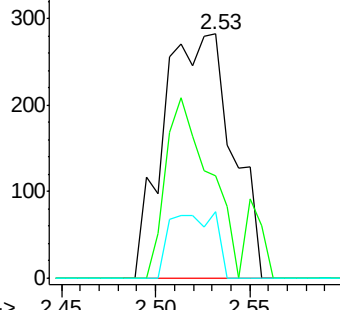
#10
Methvl Iodide
Concen: 5.37 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 715
Ion Ratio Lower Upper
142 100
127 47.0 36.6 55.0
141 17.8 11.3 16.9#

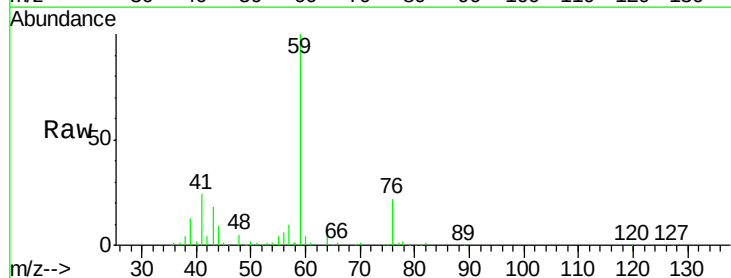


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

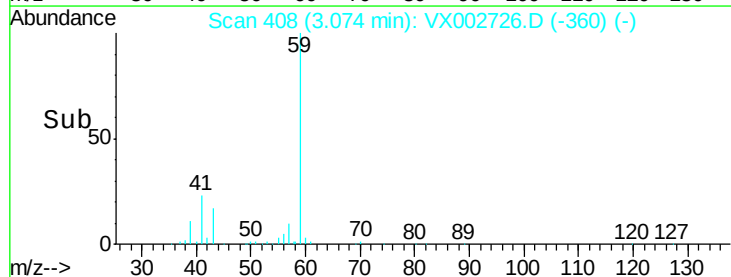
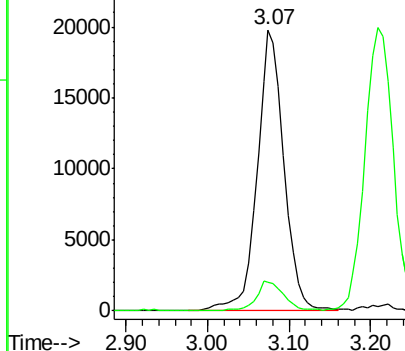


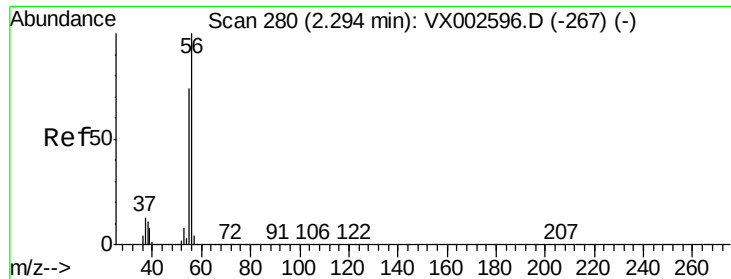
#11
Tert butyl alcohol
Concen: 70.01 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion: 59 Resp: 45320
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 8.62 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

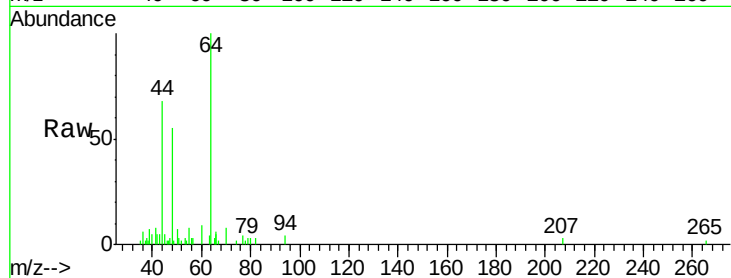
ClientSampled :

Tot Ion: 56 Resp: 548

Ion Ratio Lower Upper

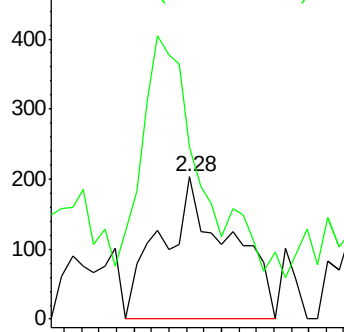
56 100

55 115.1 57.0 85.4#

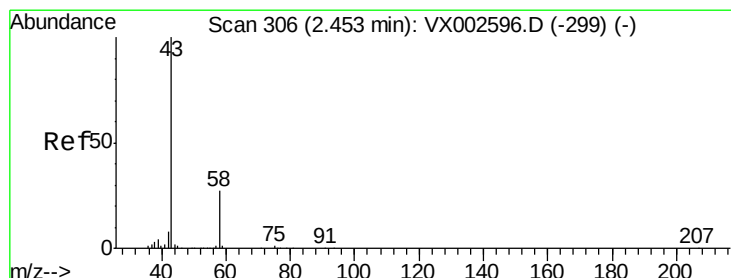
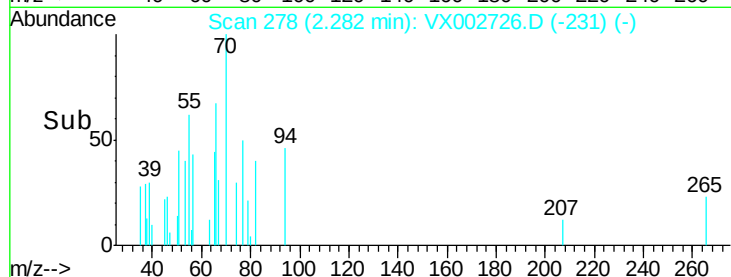


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 20.36 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002726.D

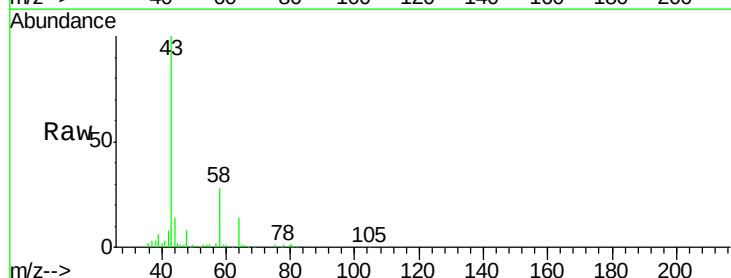
Acq: 19 Jun 2018 21:11

Tgt Ion: 43 Resp: 28123

Ion Ratio Lower Upper

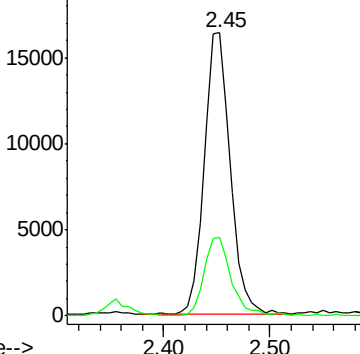
43 100

58 28.1 22.1 33.1

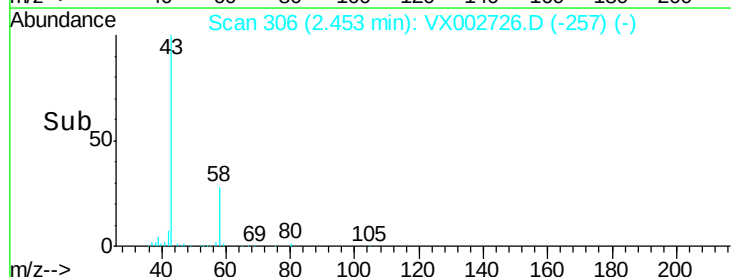


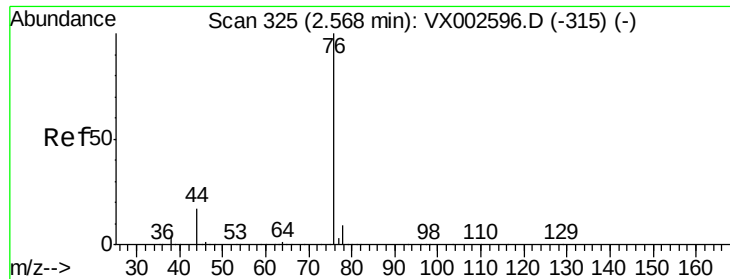
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 1.00 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

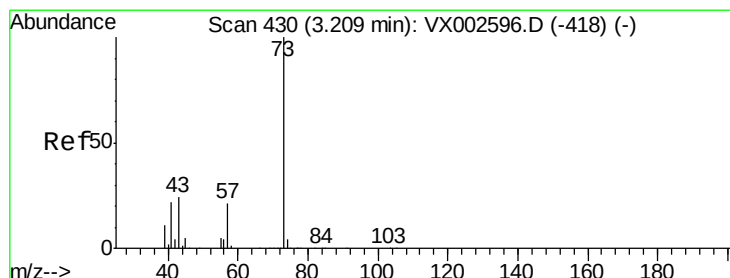
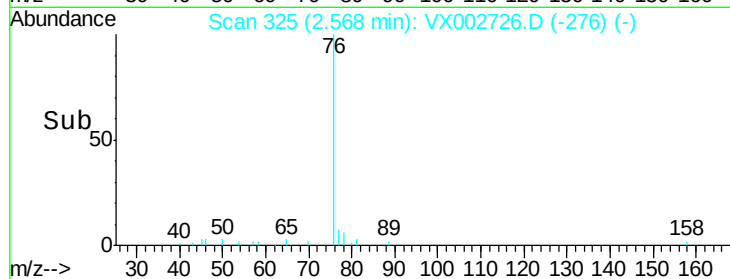
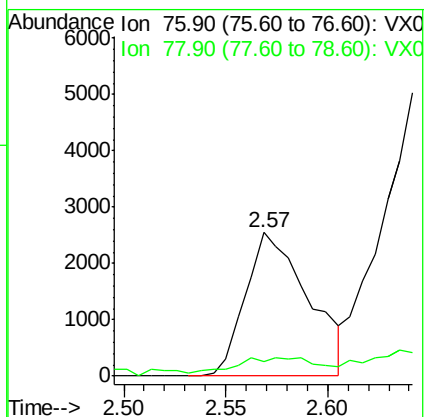
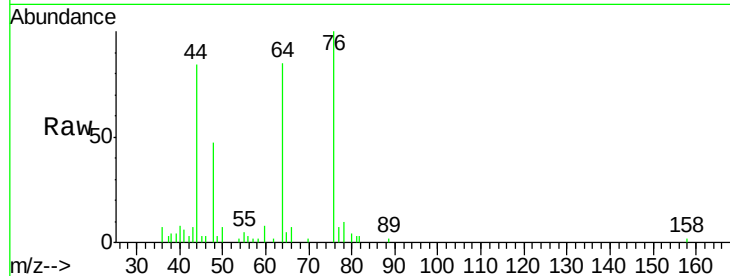
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 5478

Ion Ratio Lower Upper

76 100

78 8.3 6.9 10.3



#19

Methyl tert-butyl Ether

Concen: 25.18 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002726.D

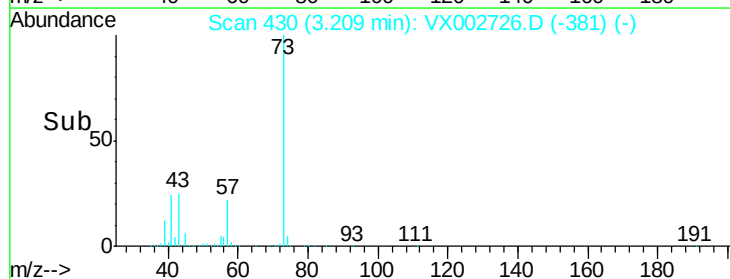
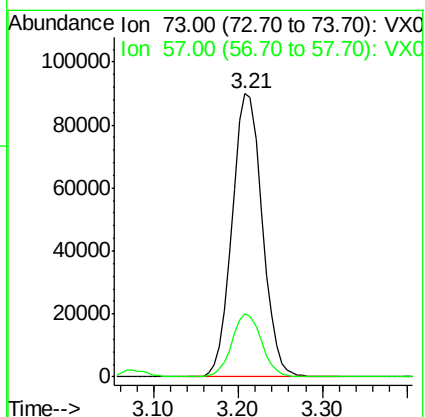
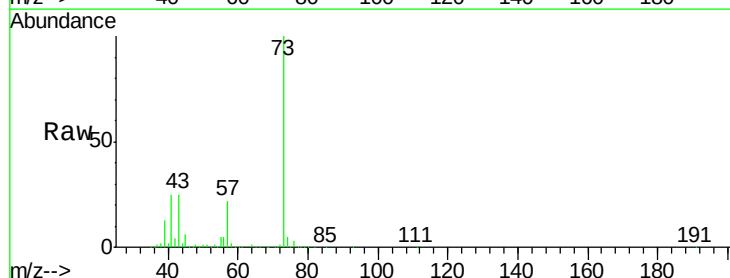
Acq: 19 Jun 2018 21:11

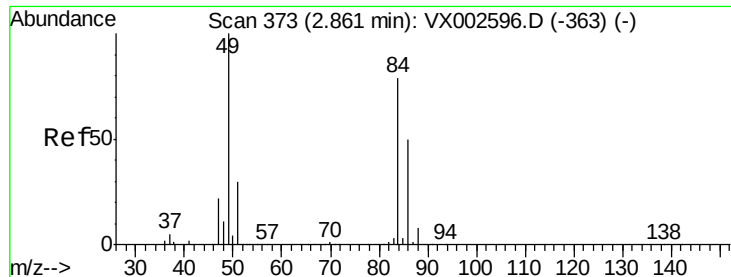
Tgt Ion: 73 Resp: 217478

Ion Ratio Lower Upper

73 100

57 22.1 17.7 26.5

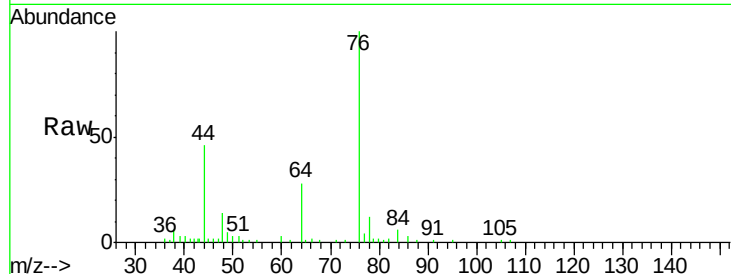




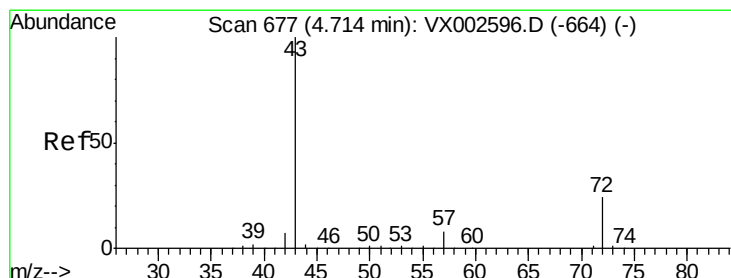
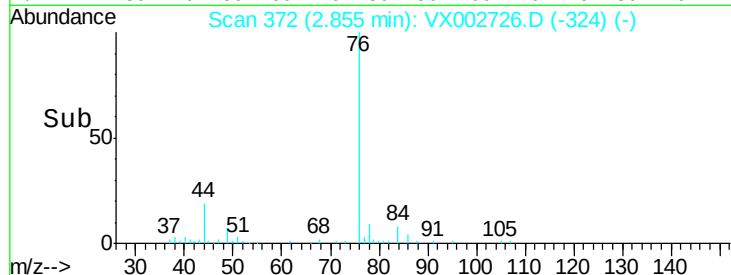
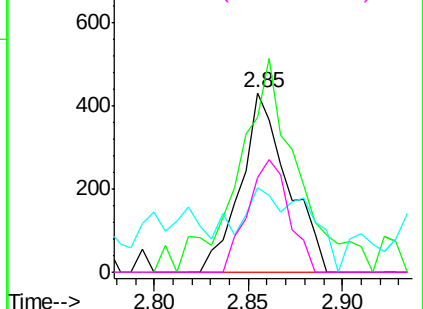
#20
Methvlene Chloride
Concen: 0.26 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	84	Resp:	747
Ion	Ratio	Lower	Upper
84	100		
49	70.6	107.8	161.6#
51	47.5	32.8	49.2
86	52.8	52.5	78.7

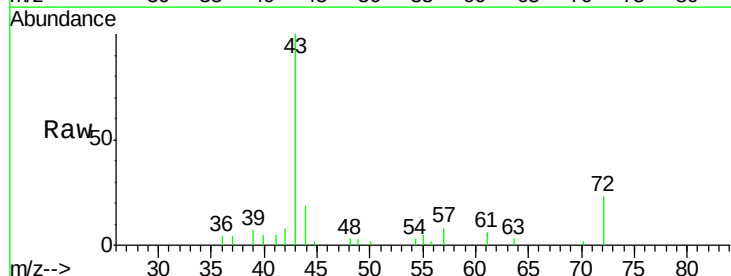


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

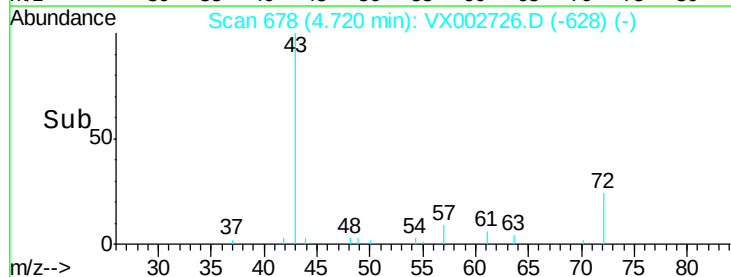
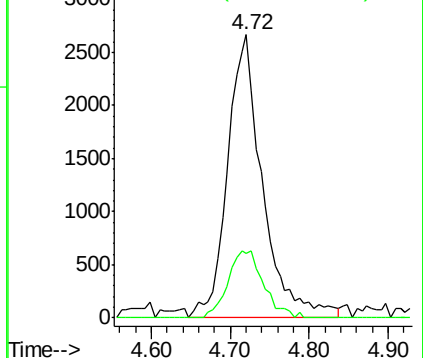


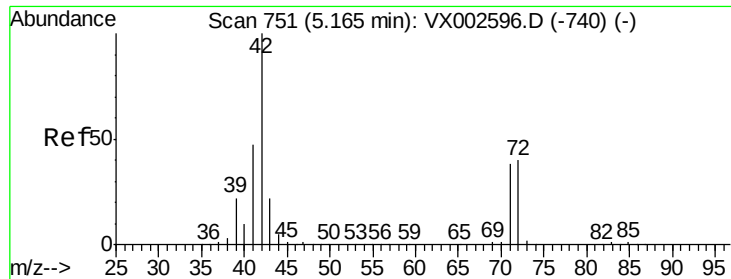
#25
2-Butanone
Concen: 4.55 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion:	43	Resp:	8261
Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.5	27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 1.53 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.02 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

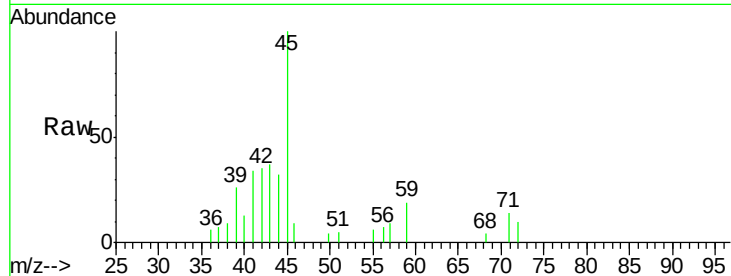
Tot Ion: 42 Resp: 1816

Ion Ratio Lower Upper

42 100

72 20.9 32.0 48.0#

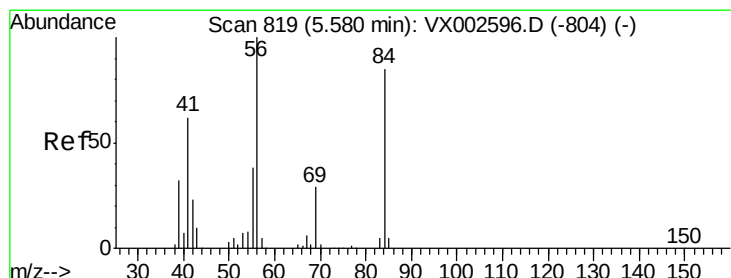
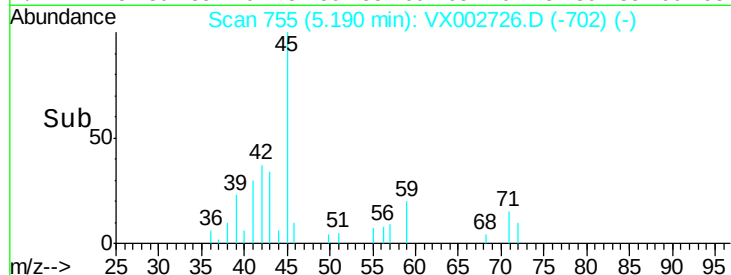
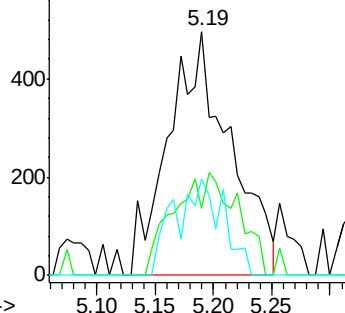
71 22.1 30.1 45.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 0.22 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

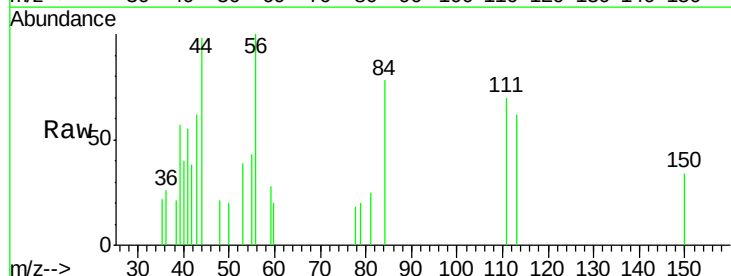
Tgt Ion: 56 Resp: 823

Ion Ratio Lower Upper

56 100

69 0.0 23.7 35.5#

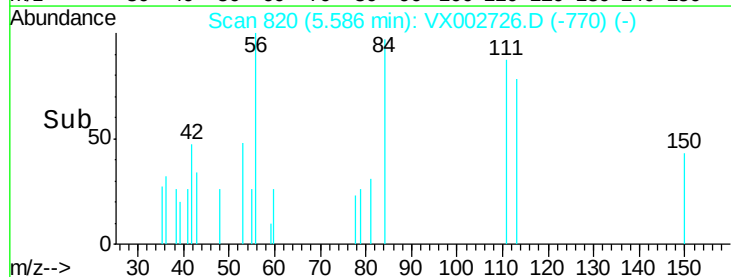
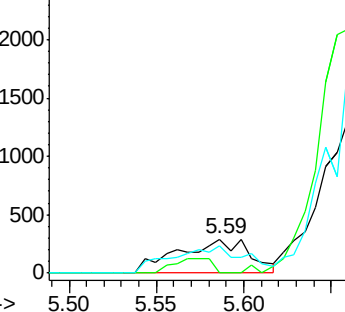
84 77.8 64.1 96.1

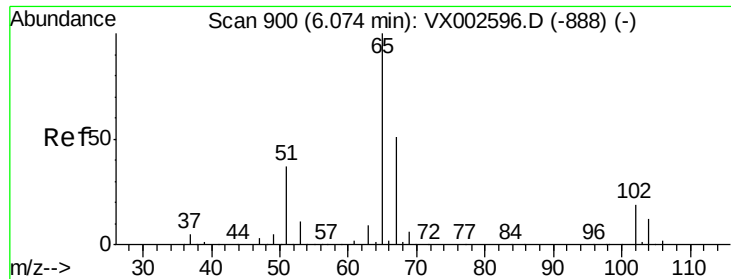


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

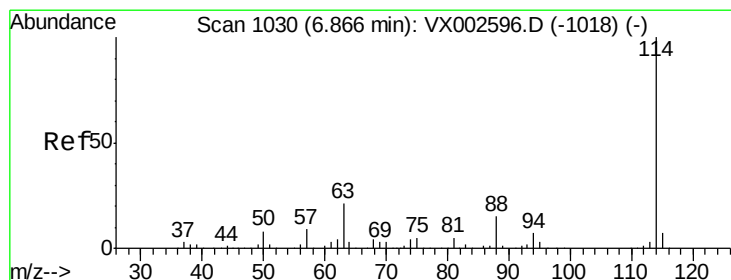
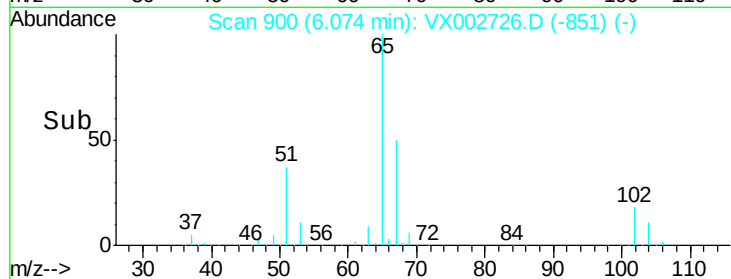
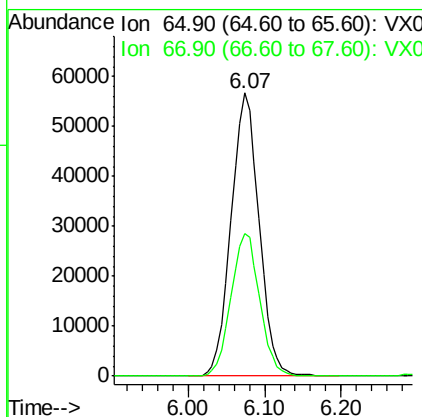
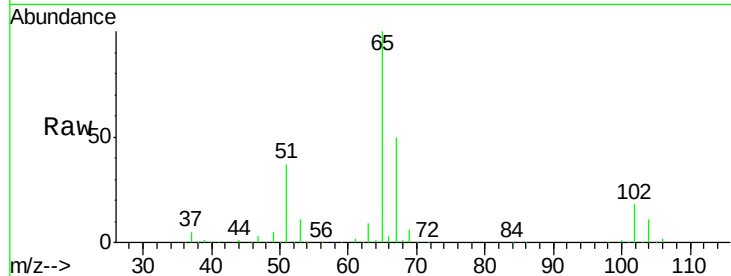




#33
 1,2-Dichloroethane-d4
 Concen: 45.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

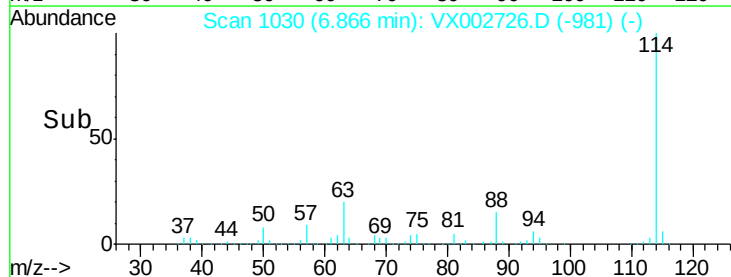
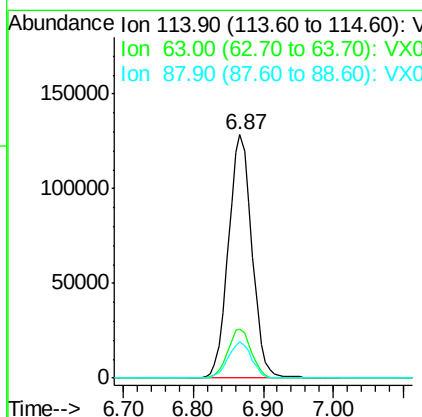
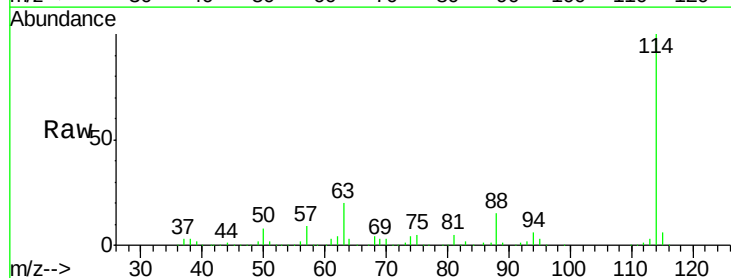
Instrument :
 MSVOA_X
 ClientSampled :

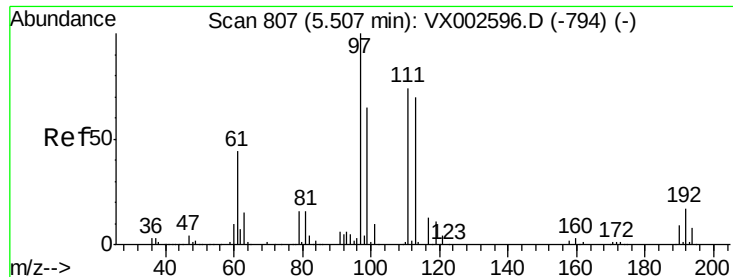
Tot Ion: 65 Resp: 143521
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

Tgt Ion: 114 Resp: 300212
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.17 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

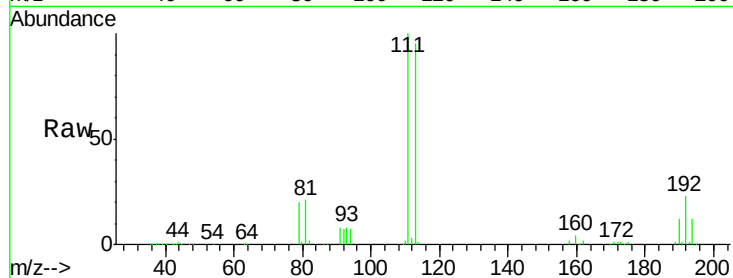
Tot Ion:113 Resp: 113021

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

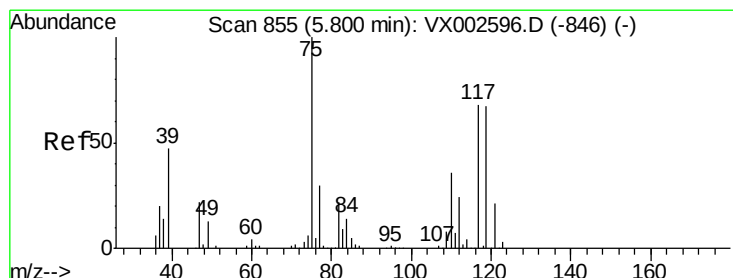
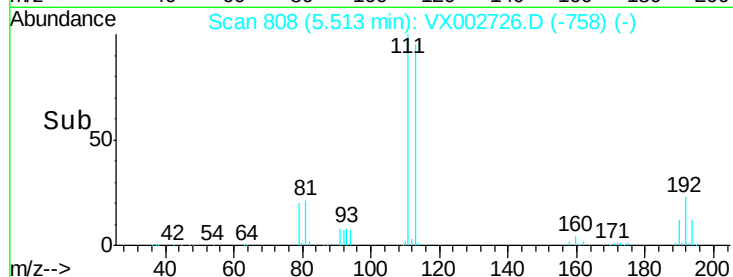
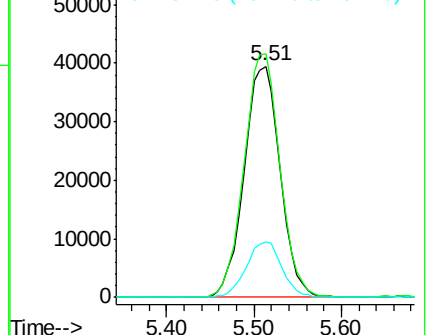
192 23.9 19.1 28.7



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: 4.51 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

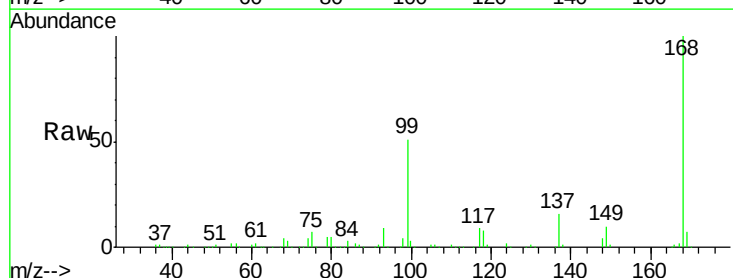
Tgt Ion: 75 Resp: 14387

Ion Ratio Lower Upper

75 100

110 11.0 18.1 54.4#

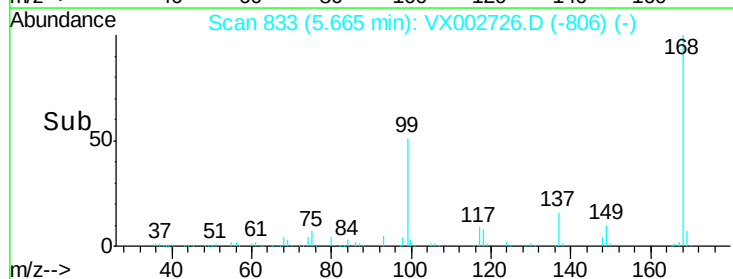
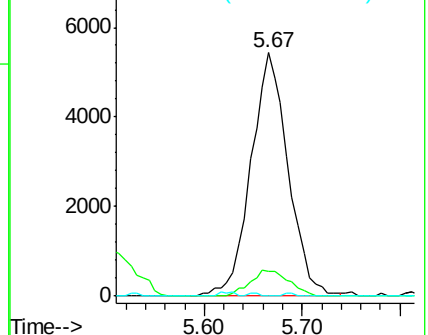
77 0.4 24.3 36.5#

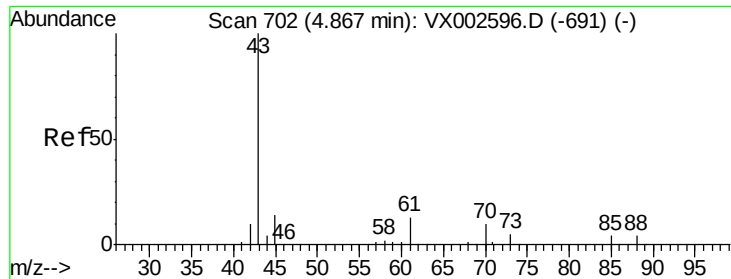


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

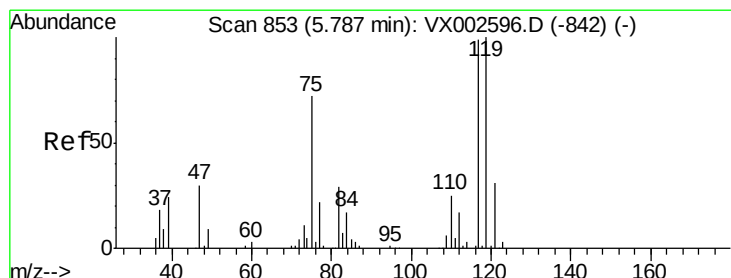
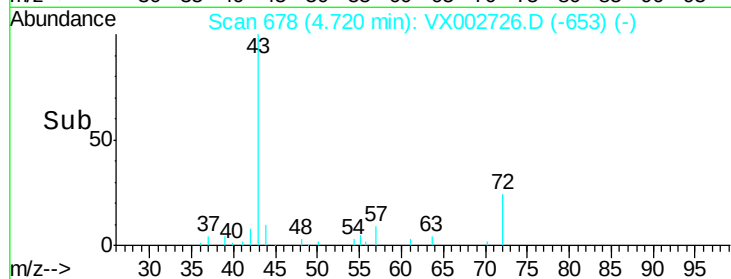
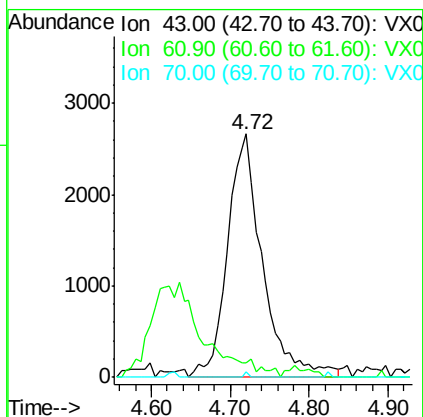
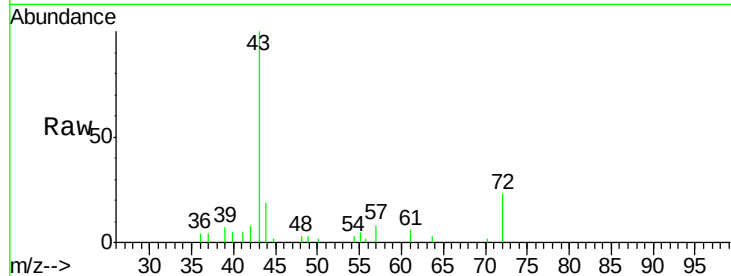




#37
Ethyl Acetate
Concen: 2.29 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.15 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

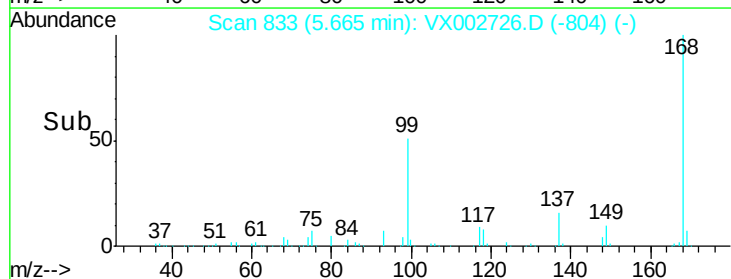
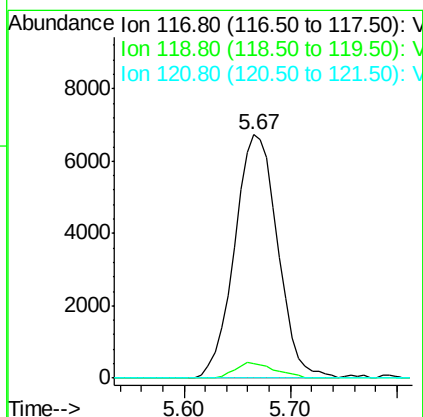
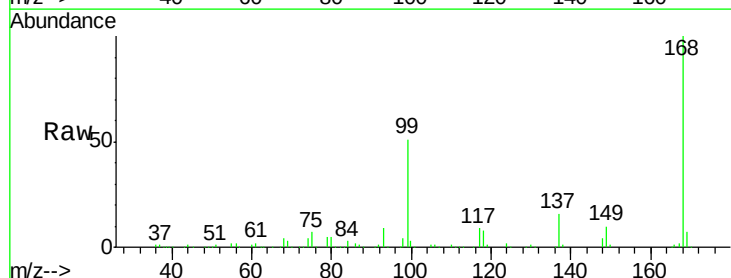
Instrument :
MSVOA_X
ClientSampleId :

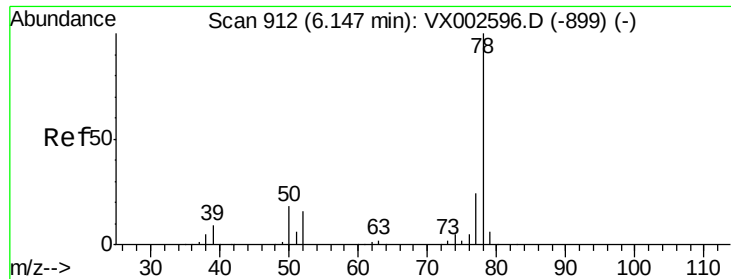
Tot Ion: 43 Resp: 8261
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.2 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion: 117 Resp: 19072
Ion Ratio Lower Upper
117 100
119 6.0 77.4 116.0#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 7.94 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

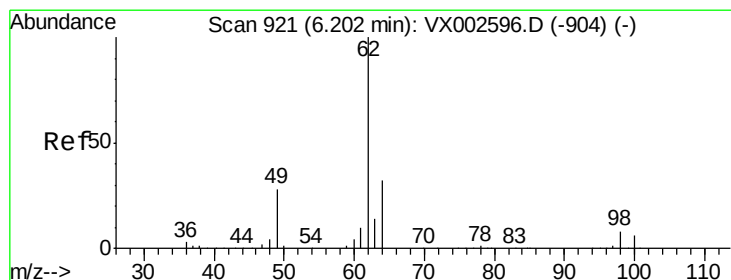
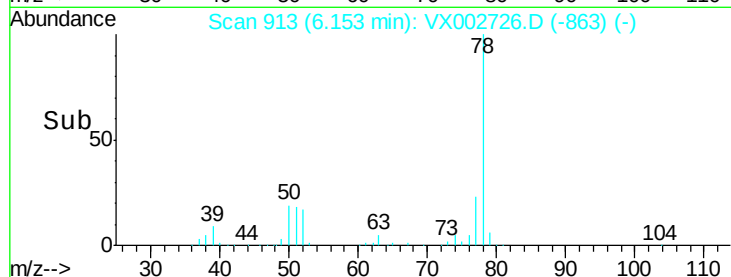
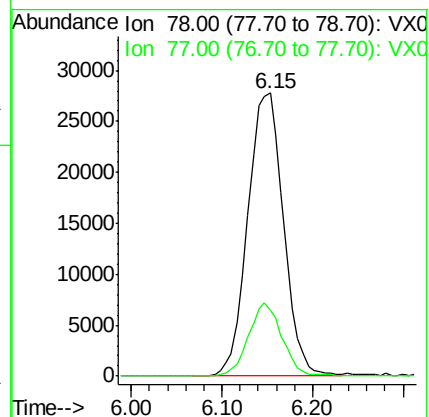
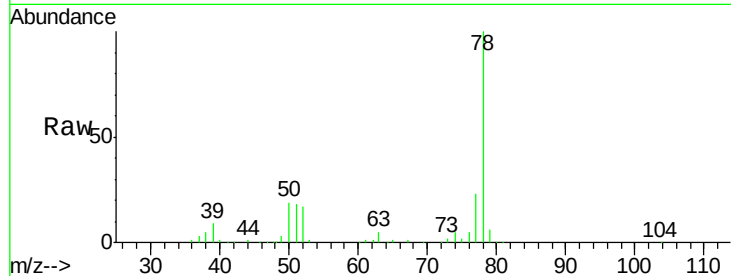
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 78 Resp: 75909

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



#42

1,2-Dichloroethane

Concen: 0.26 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.05 min

Lab File: VX002726.D

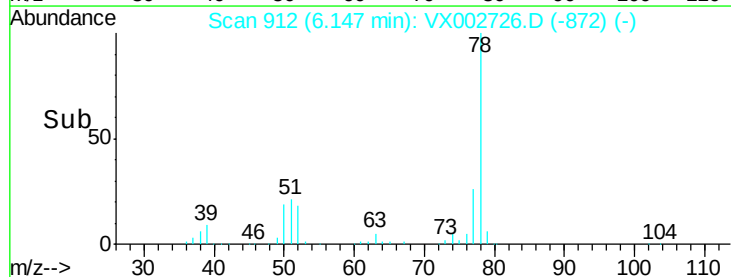
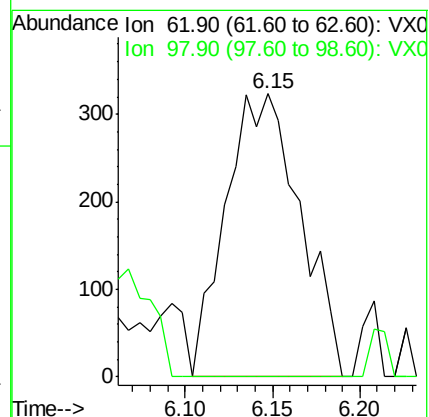
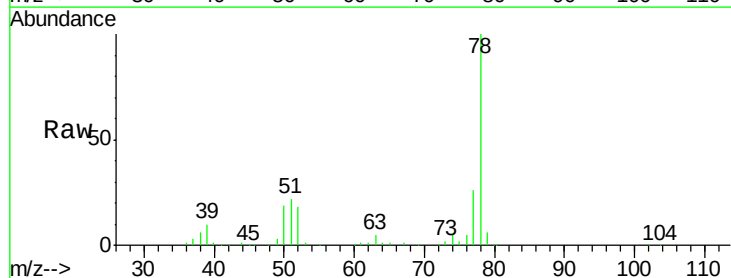
Acq: 19 Jun 2018 21:11

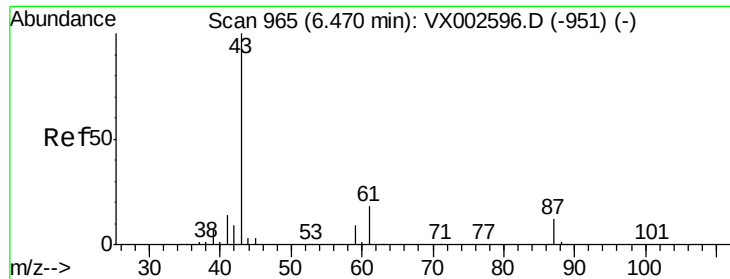
Tgt Ion: 62 Resp: 957

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.6





#43

Isopropyl Acetate

Concen: 1.74 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

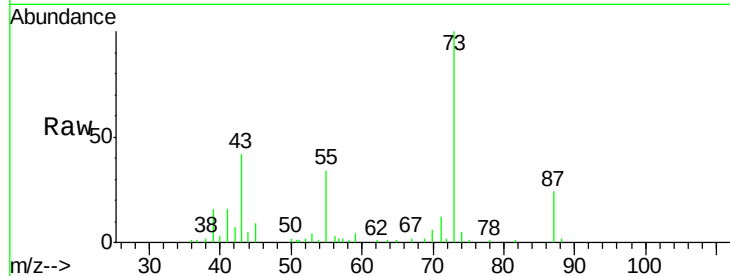
Tot Ion: 43 Resp: 10402

Ion Ratio Lower Upper

43 100

61 0.3 14.4 21.6#

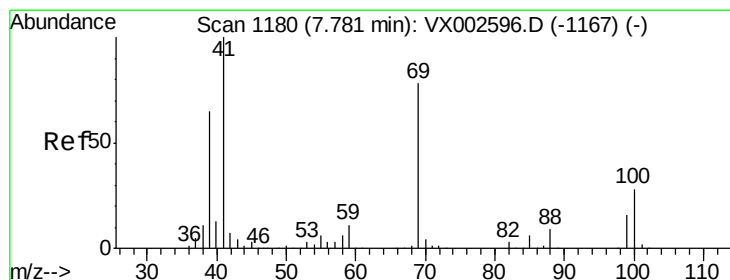
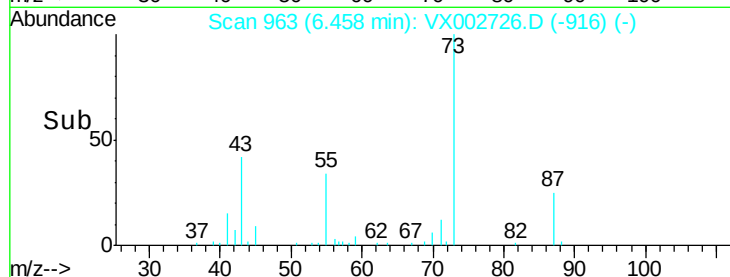
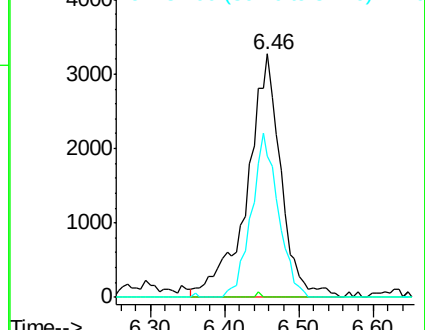
87 53.8 9.5 14.3#



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



#48

Methyl methacrylate

Concen: 0.33 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

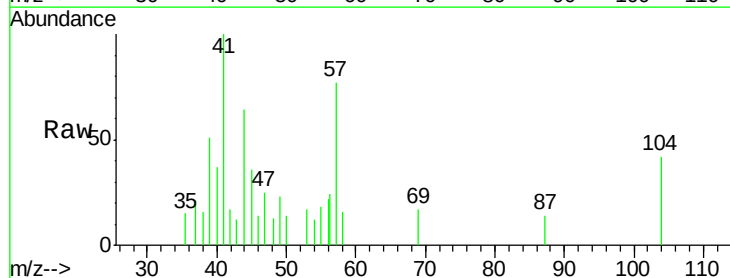
Tgt Ion: 41 Resp: 1011

Ion Ratio Lower Upper

41 100

69 13.0 59.1 88.7#

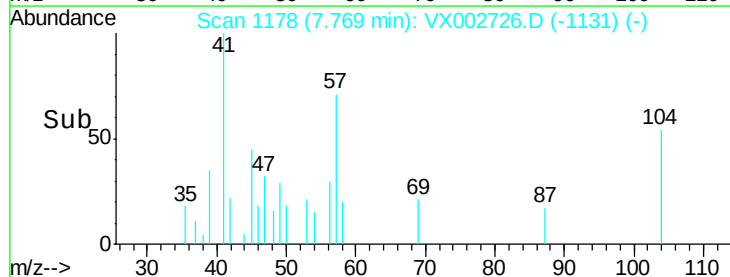
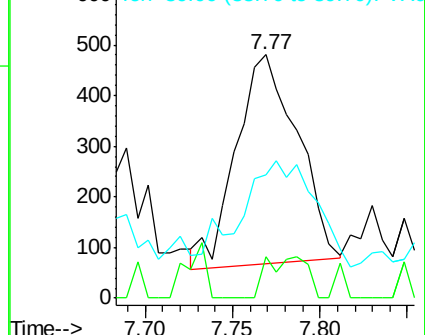
39 61.0 48.9 73.3

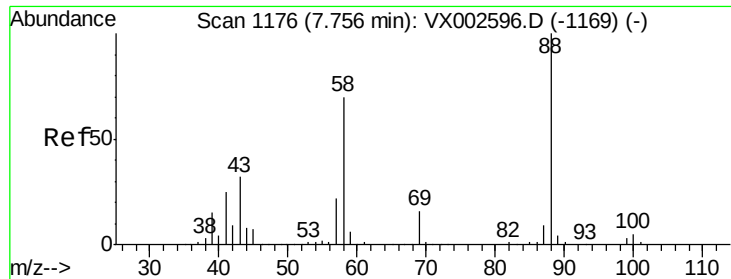


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

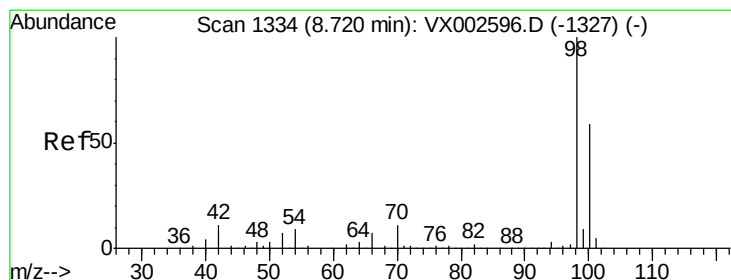
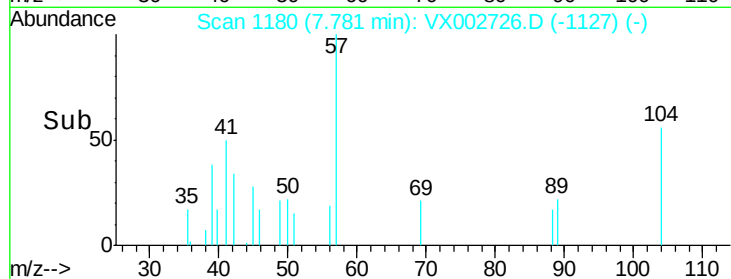
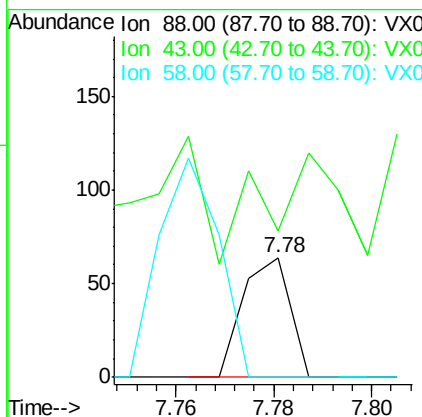
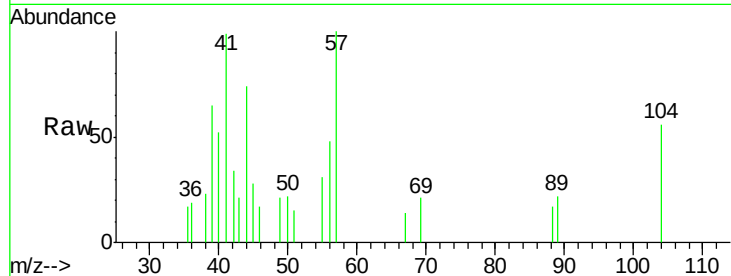




#49
 1,4-Dioxane
 Concen: 0.74 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.02 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

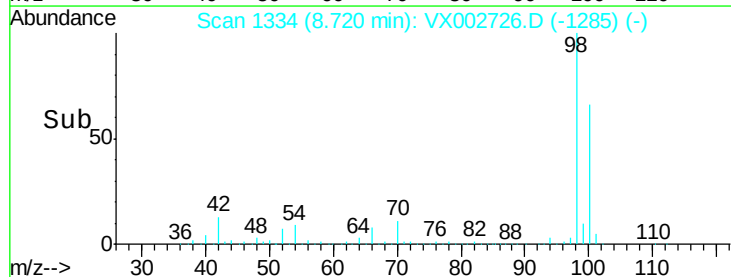
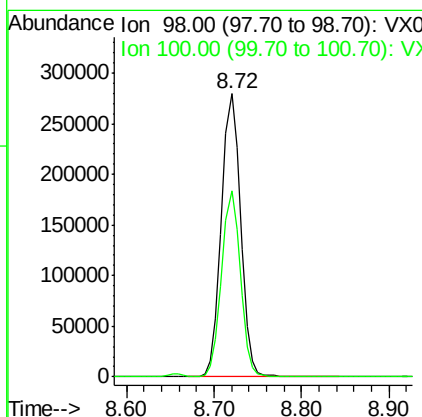
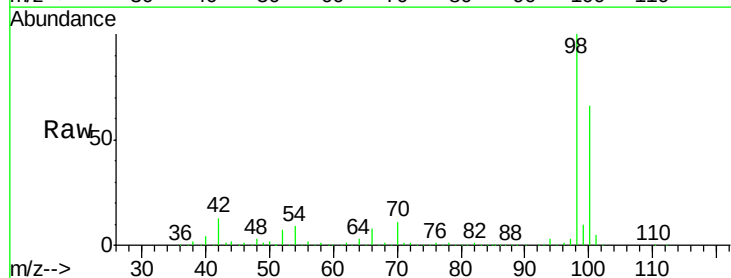
Instrument :
 MSVOA_X
 ClientSampled :

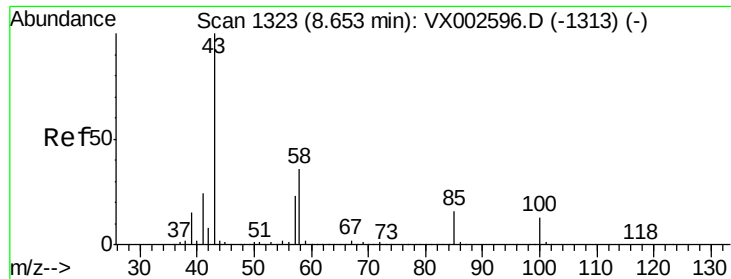
Tot Ion: 88 Resp: 43
 Ion Ratio Lower Upper
 88 100
 43 402.3 29.8 44.6#
 58 227.9 57.1 85.7#



#50
 Toluene-d8
 Concen: 46.95 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

Tgt Ion: 98 Resp: 427153
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 7.36 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

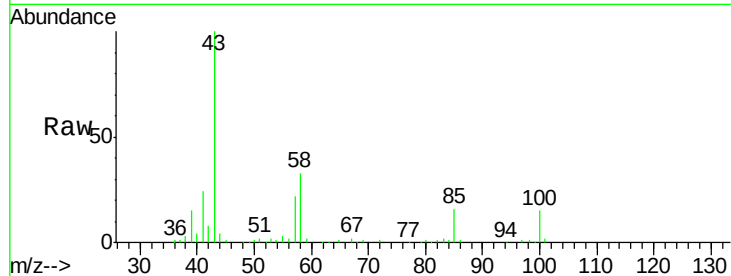
ClientSampleId :

Tot Ion: 43 Resp: 28259

Ion Ratio Lower Upper

43 100

58 35.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

20000

15000

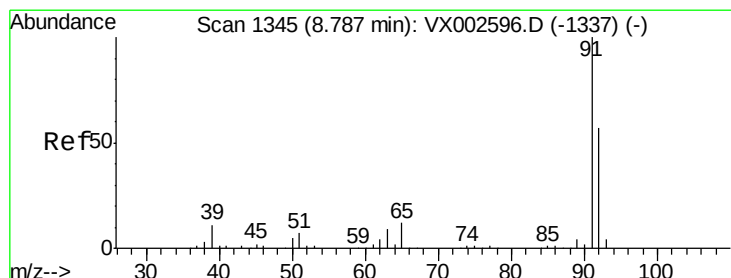
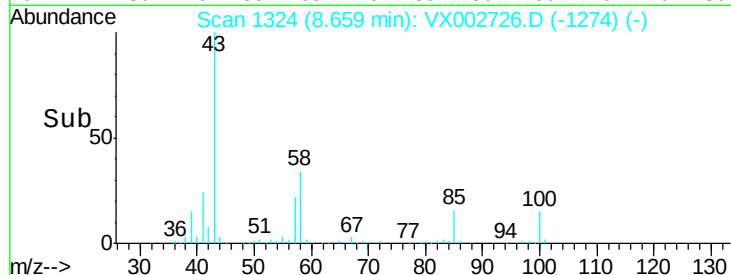
10000

5000

0

8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 38.48 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002726.D

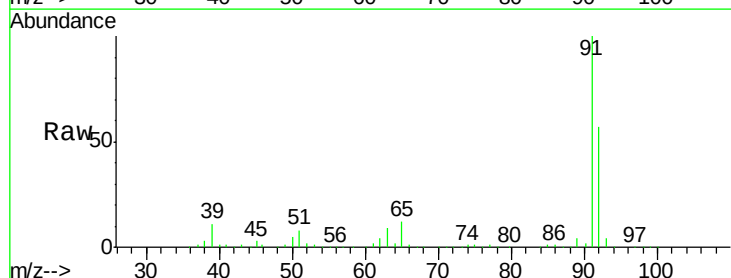
Acq: 19 Jun 2018 21:11

Tgt Ion: 92 Resp: 234667

Ion Ratio Lower Upper

92 100

91 175.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

150000

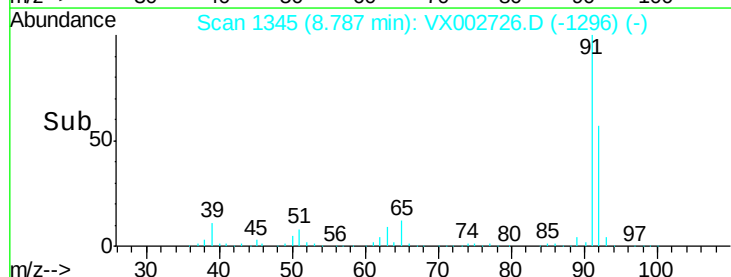
100000

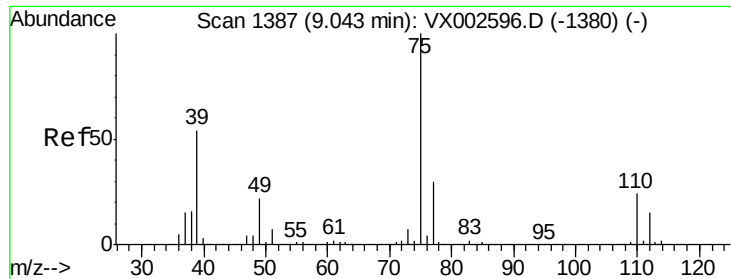
50000

0

8.70 8.80 8.90

Time-->



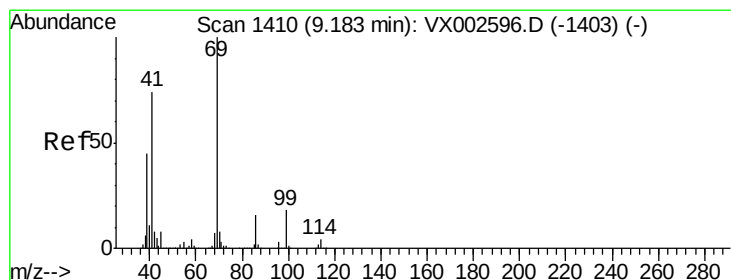
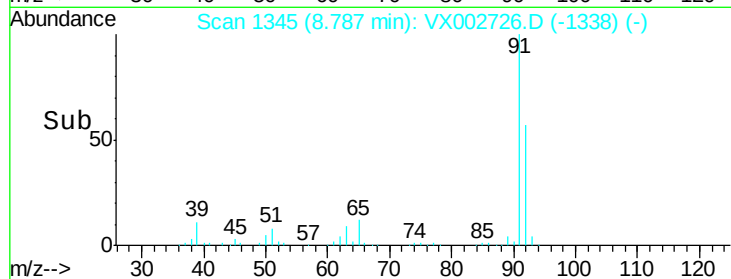
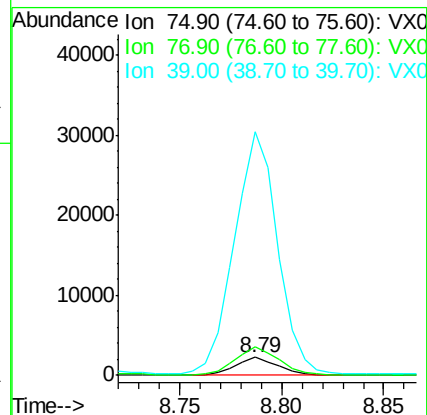
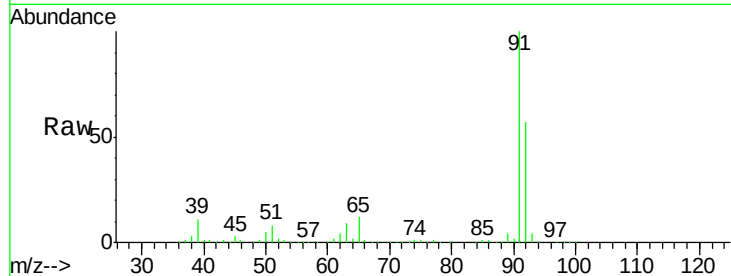


#54

cis-1,3-Dichloropropene
Concen: 4.01 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.26 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :

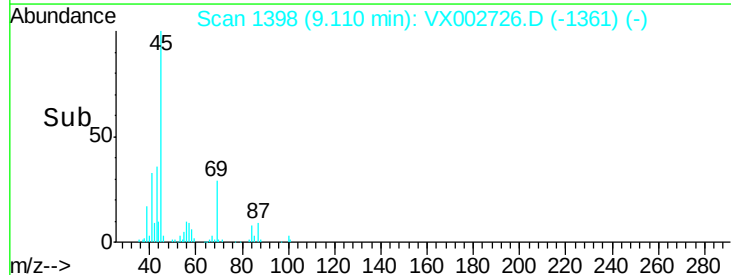
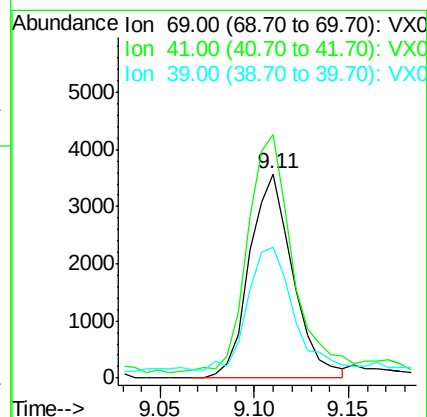
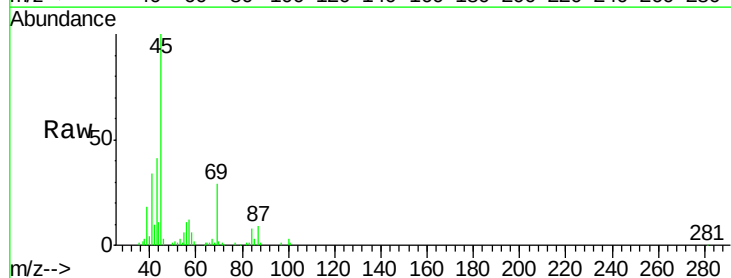
Tot Ion: 75 Resp: 3198
Ion Ratio Lower Upper
75 100
77 161.3 24.8 37.2#
39 1359.2 42.4 63.6#

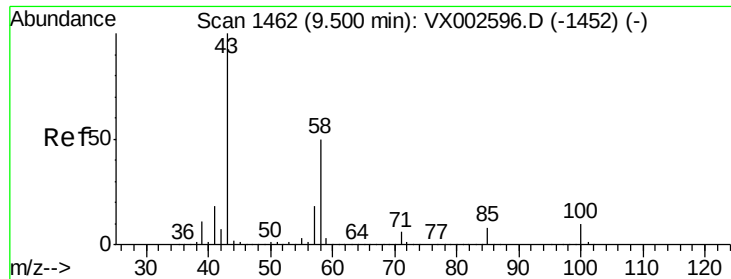


#56

Ethyl methacrylate
Concen: 1.50 ug/l
RT: 9.11 min Scan# 1398
Delta R.T. -0.07 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion: 69 Resp: 5691
Ion Ratio Lower Upper
69 100
41 123.7 60.3 90.5#
39 63.3 35.8 53.8#

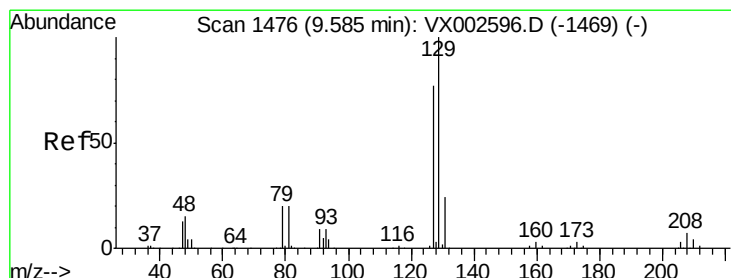
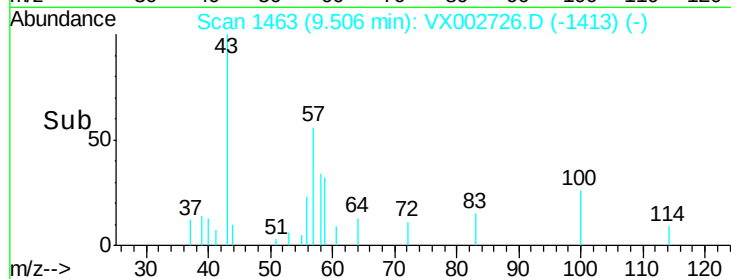
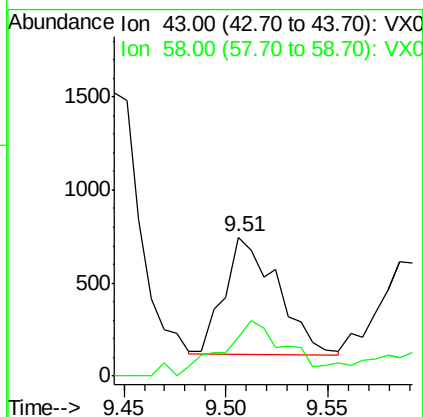
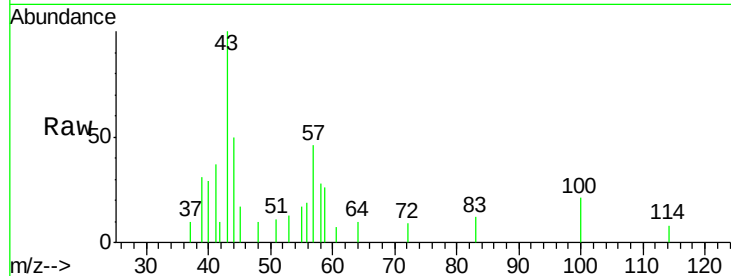




#59
2-Hexanone
Concen: 0.39 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

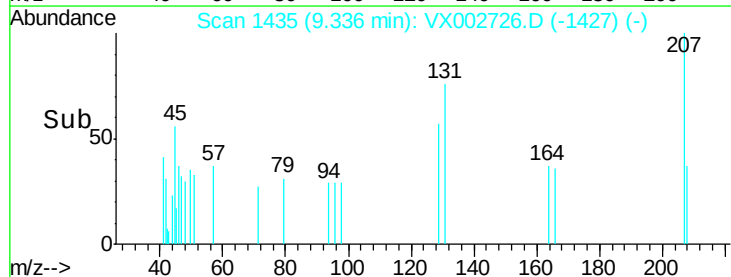
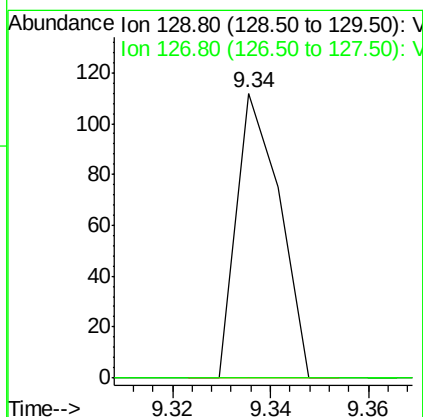
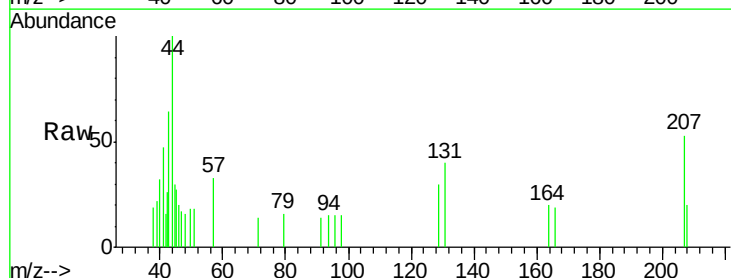
Instrument :
MSVOA_X
ClientSampled :

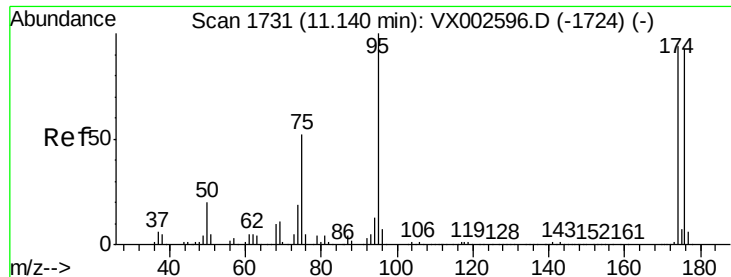
Tot Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 58.8 24.6 73.6



#60
Dibromochloromethane
Concen: 3.78 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.25 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion: 129 Resp: 68
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

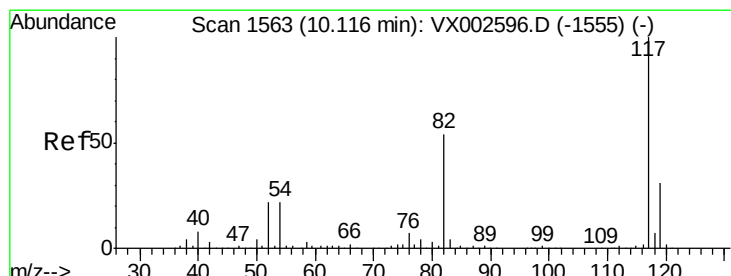
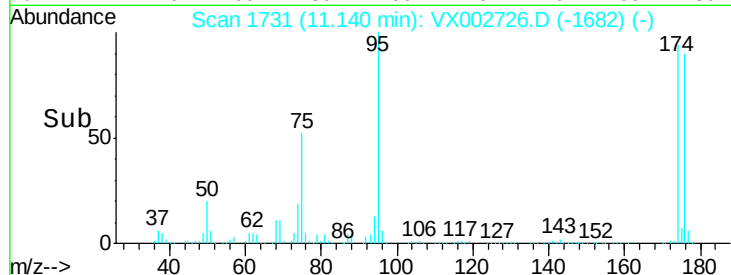
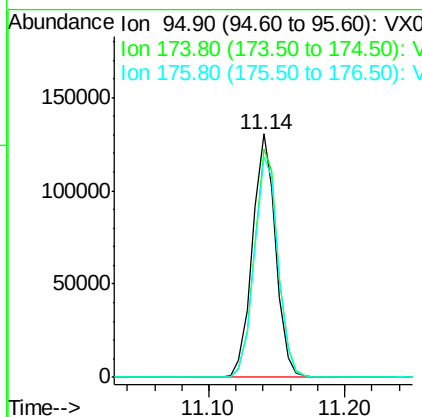
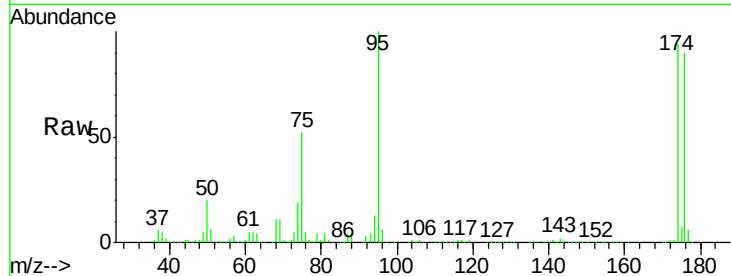




#62
4-Bromofluorobenzene
Concen: 45.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

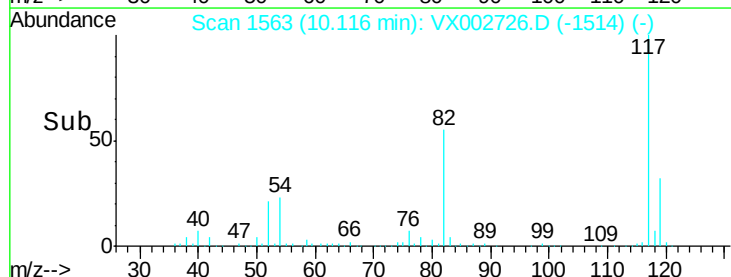
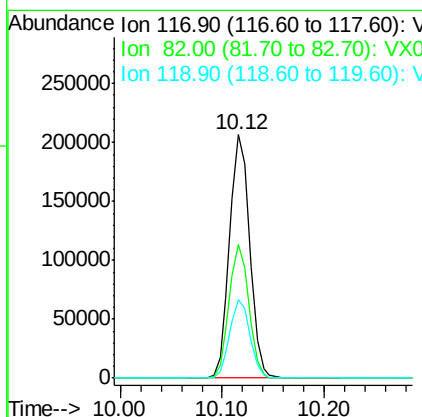
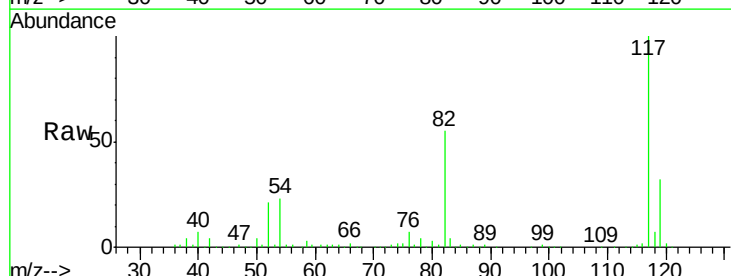
Instrument :
MSVOA_X
ClientSampleId :

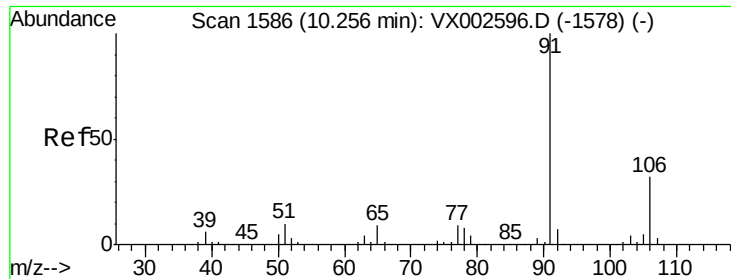
Tot Ion: 95 Resp: 156334
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.4
176 93.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion: 117 Resp: 281179
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.5 25.8 38.6

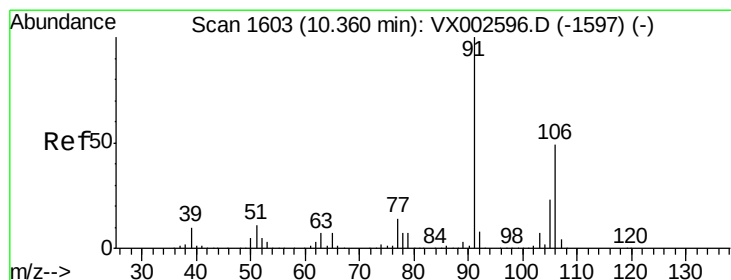
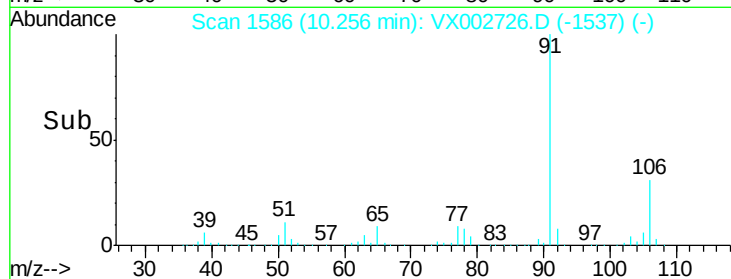
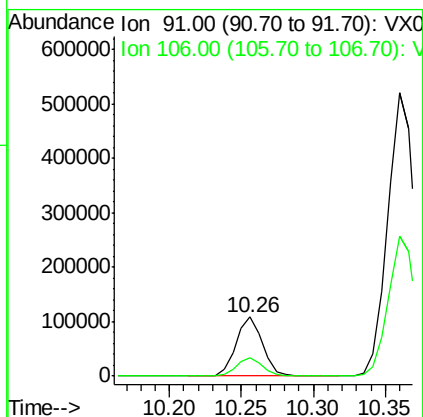
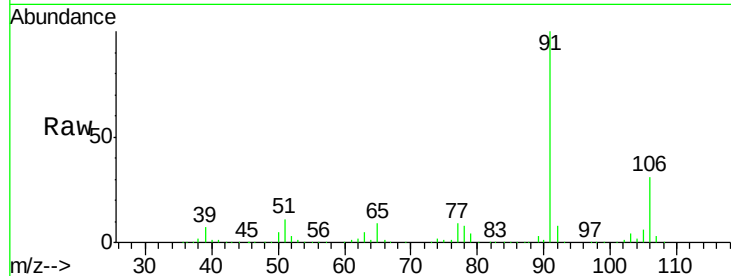




#67
Ethyl Benzene
Concen: 11.87 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

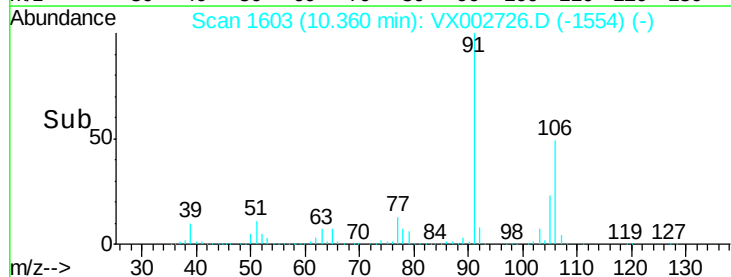
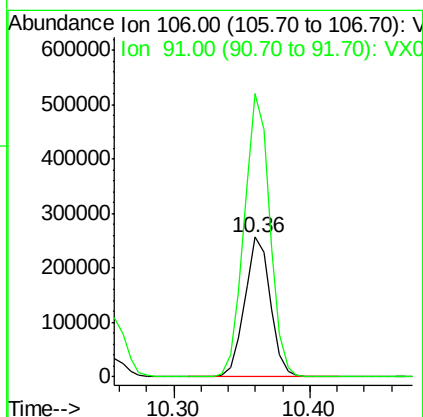
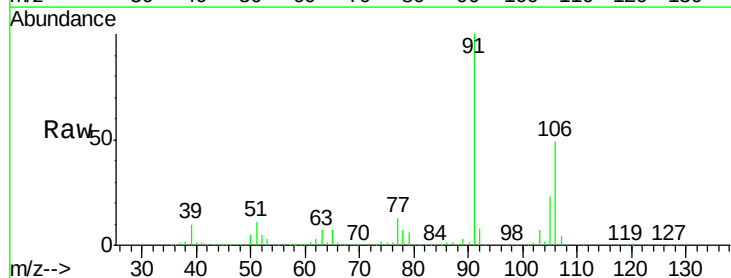
Instrument :
MSVOA_X
ClientSampled :

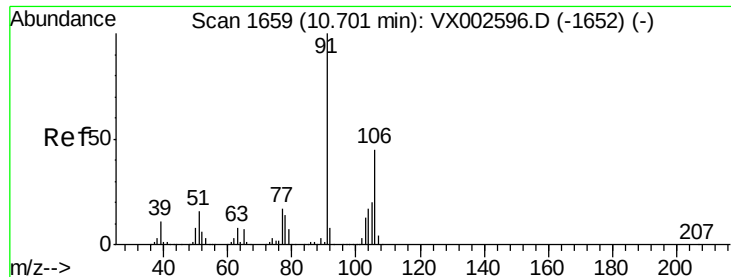
Tot Ion: 91 Resp: 138302
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 75.02 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion: 106 Resp: 337043
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2

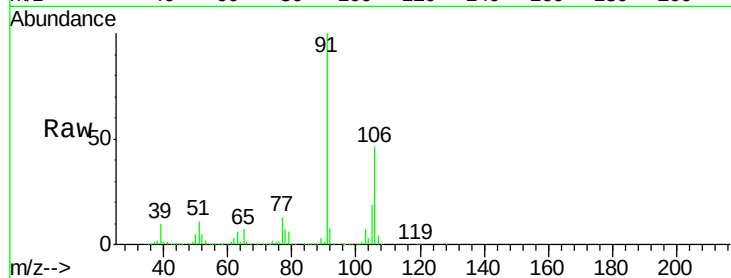




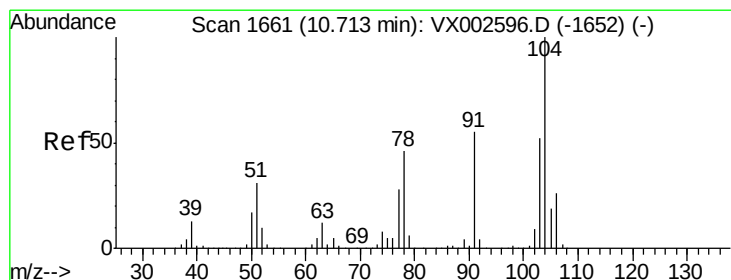
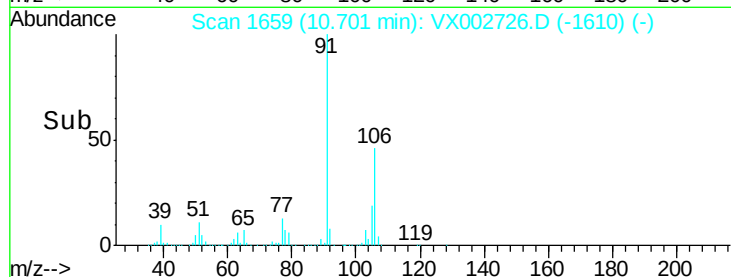
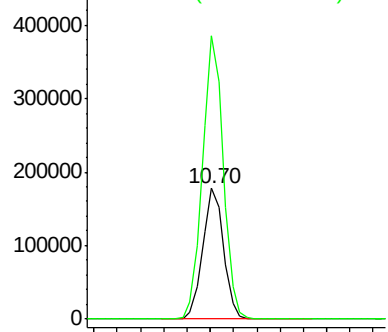
#69
o-Xylene
Concen: 50.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 221190
Ion Ratio Lower Upper
106 100
91 216.3 108.2 324.6

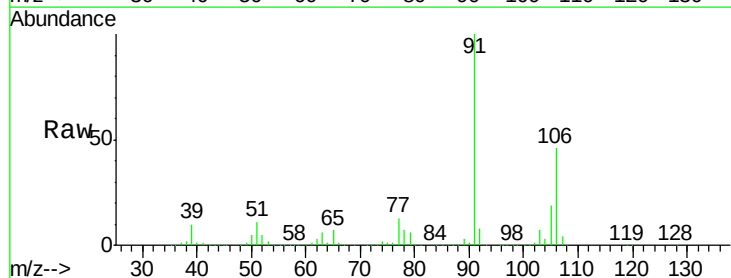


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

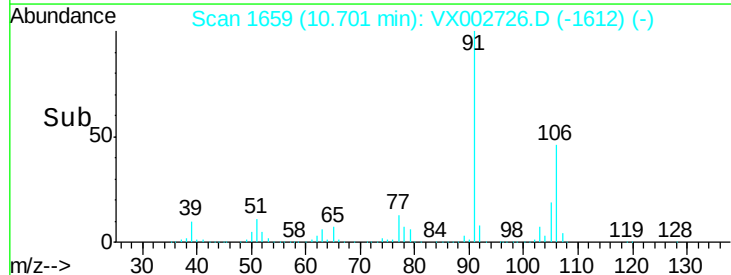
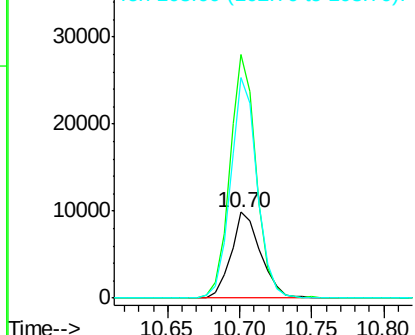


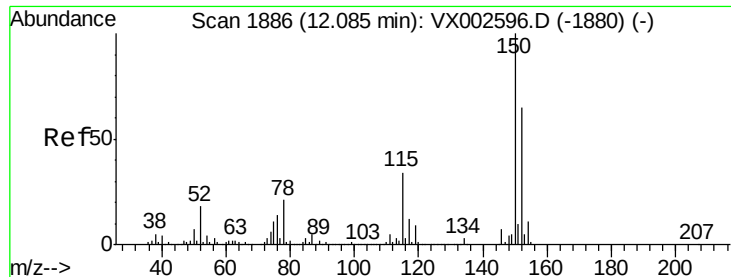
#70
Styrene
Concen: 1.96 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion:104 Resp: 14243
Ion Ratio Lower Upper
104 100
78 251.1 41.0 61.6#
103 229.1 44.2 66.4#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

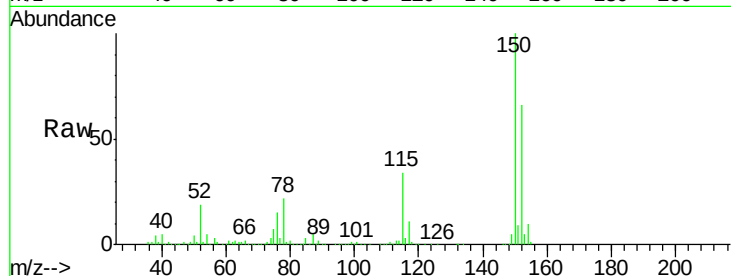




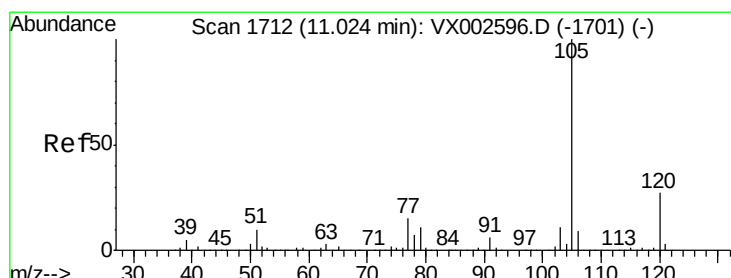
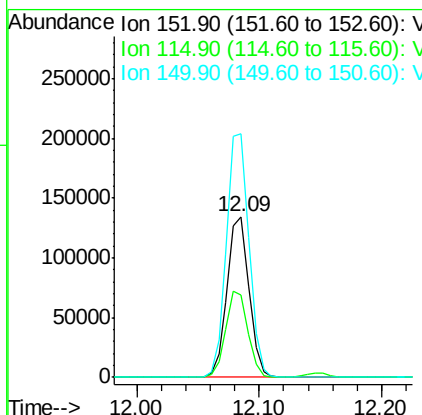
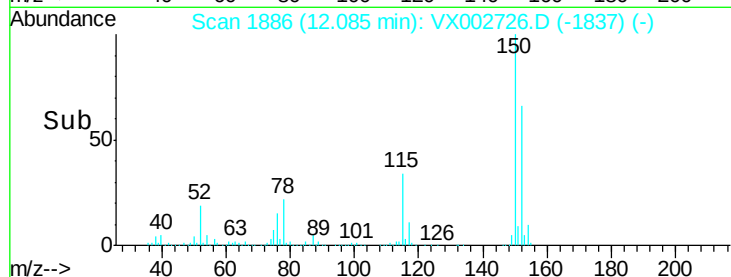
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:152 Resp: 166556
 Ion Ratio Lower Upper
 152 100
 115 53.8 40.1 120.2
 150 155.8 0.0 347.2

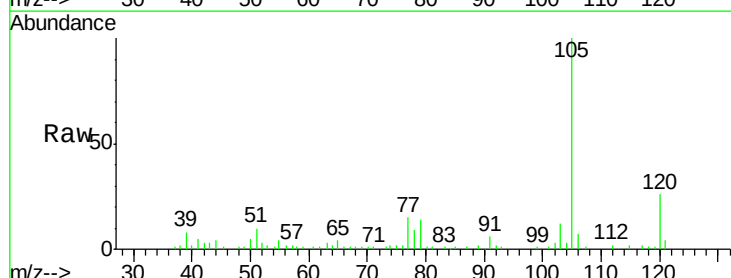


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

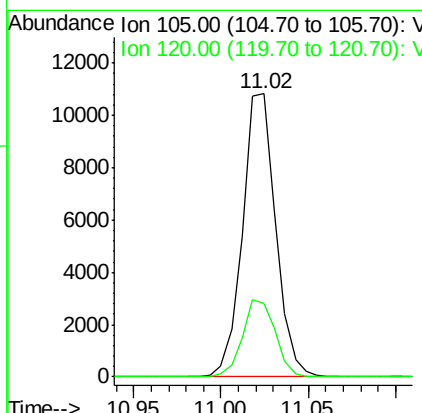
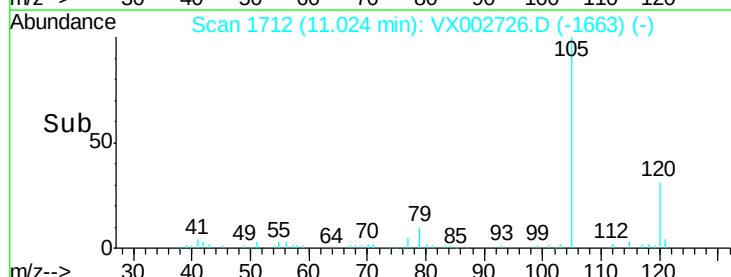


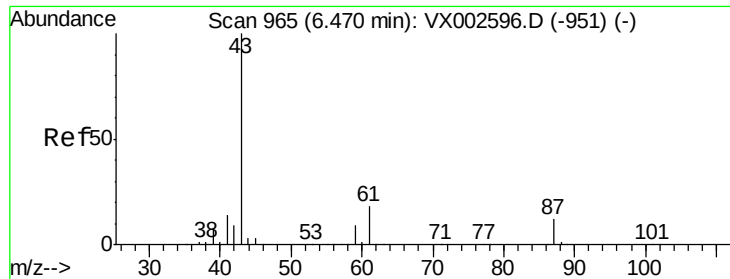
#73
 Isopropylbenzene
 Concen: 1.28 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

Tgt Ion:105 Resp: 14250
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.88 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 10402

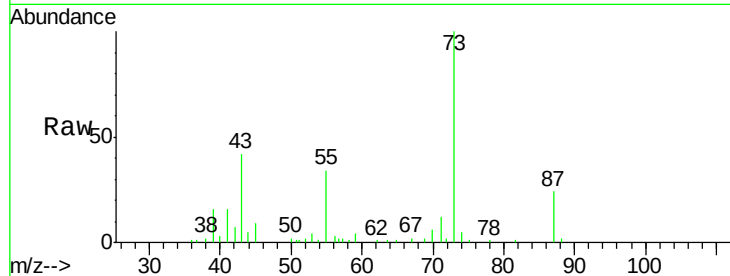
Ion Ratio Lower Upper

43 100

70 20.1 0.0 0.0#

55 96.5 0.0 0.0#

61 0.3 14.4 21.6#

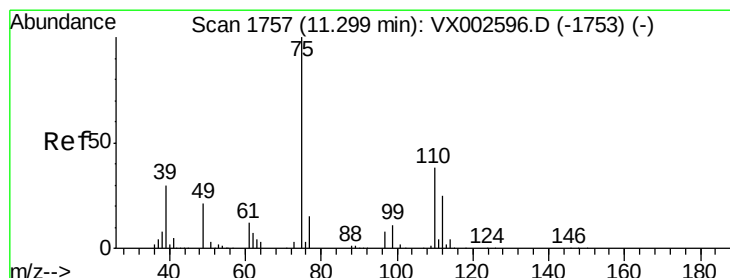
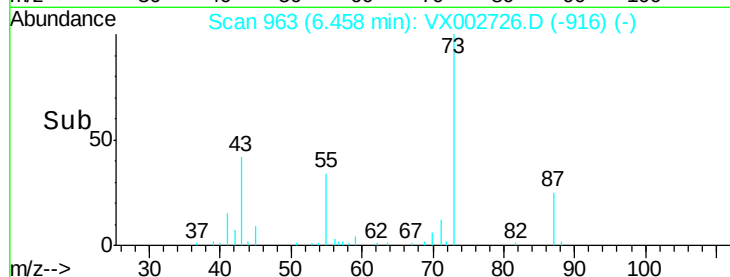
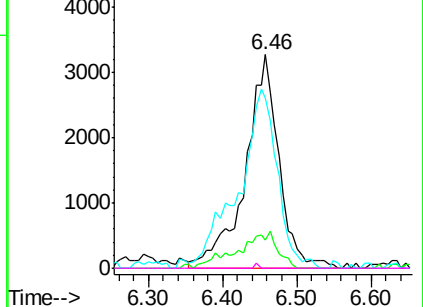


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 26.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002726.D

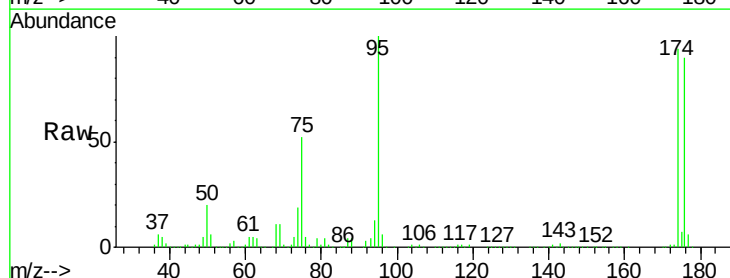
Acq: 19 Jun 2018 21:11

Tgt Ion: 75 Resp: 83027

Ion Ratio Lower Upper

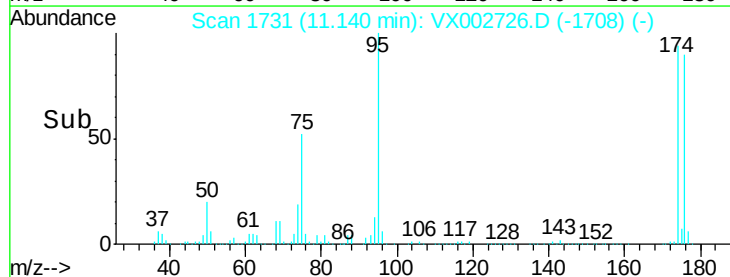
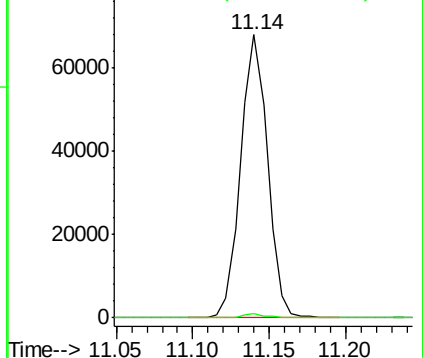
75 100

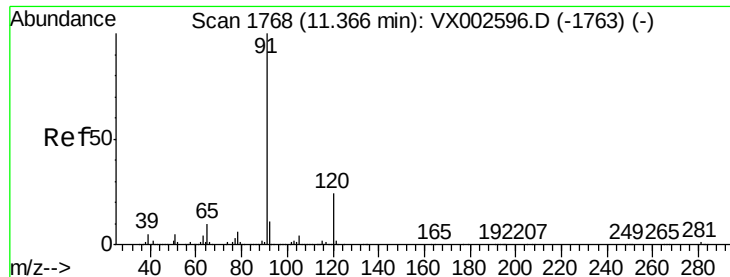
77 1.5 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.38 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

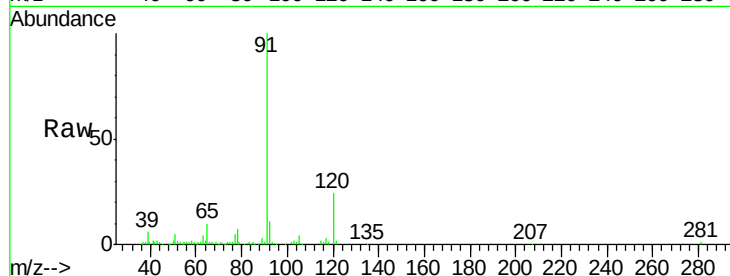
ClientSampled :

Tot Ion: 91 Resp: 30461

Ion Ratio Lower Upper

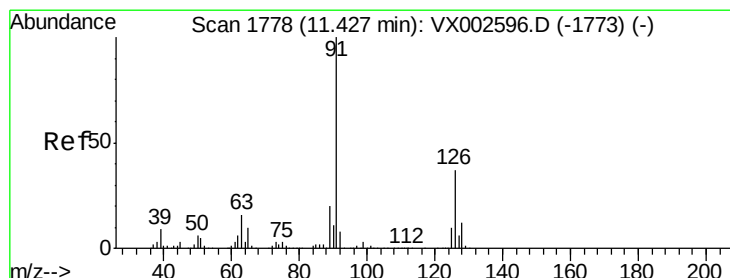
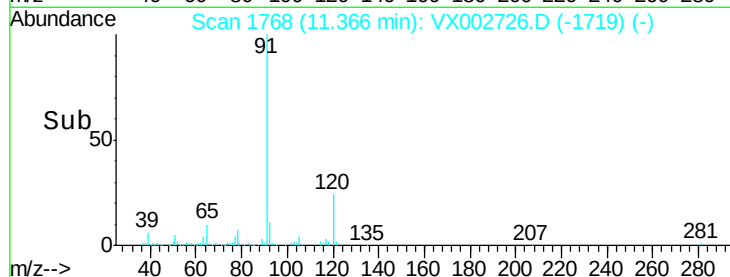
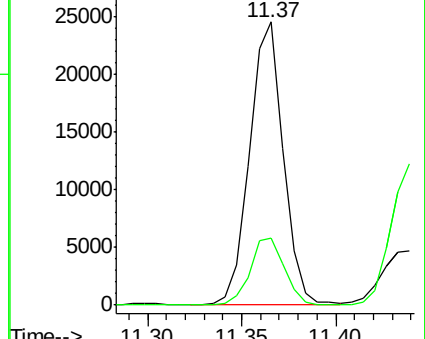
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.23 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002726.D

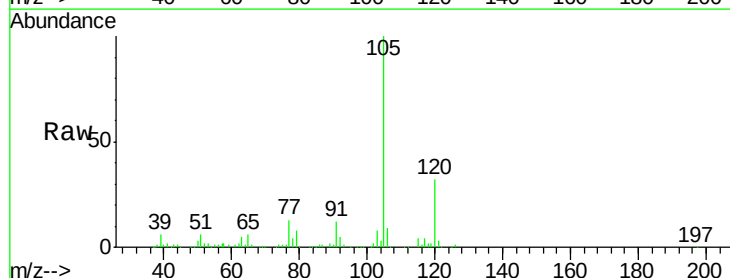
Acq: 19 Jun 2018 21:11

Tgt Ion: 91 Resp: 9366

Ion Ratio Lower Upper

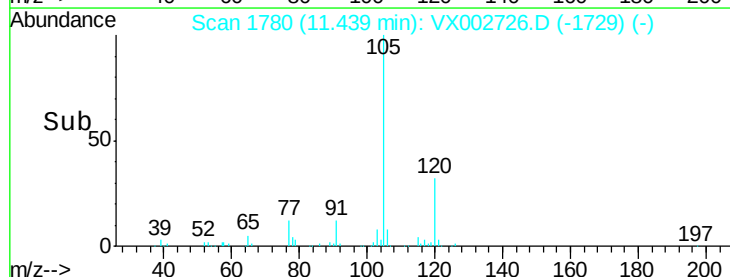
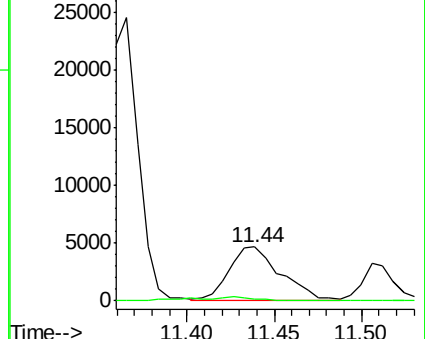
91 100

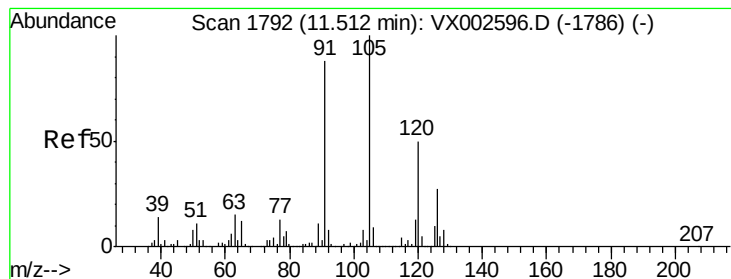
126 5.6 17.7 53.1#



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: 3.30 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

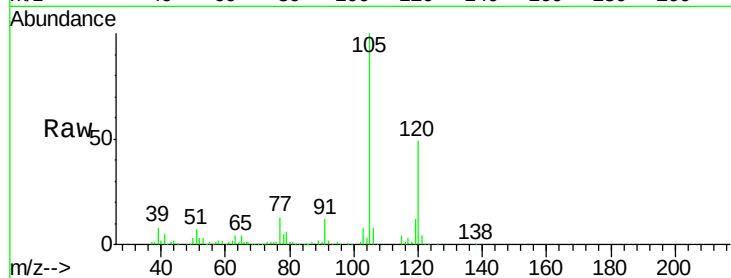
ClientSampled :

Tot Ion:105 Resp: 31038

Ion Ratio Lower Upper

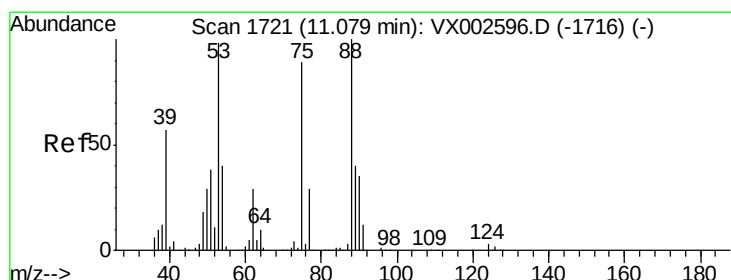
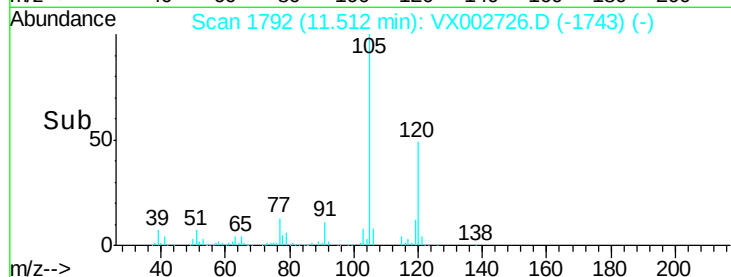
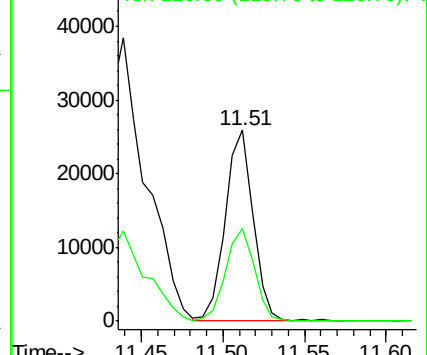
105 100

120 49.9 24.4 73.4



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: 81.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

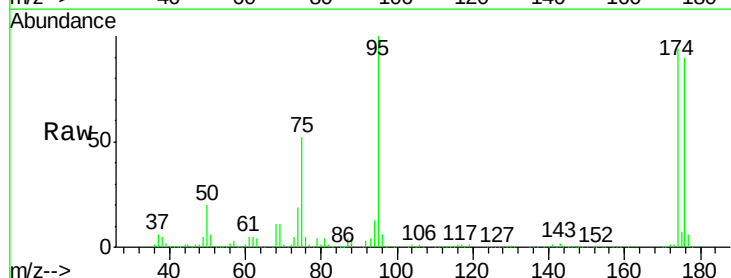
Tgt Ion: 75 Resp: 83027

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

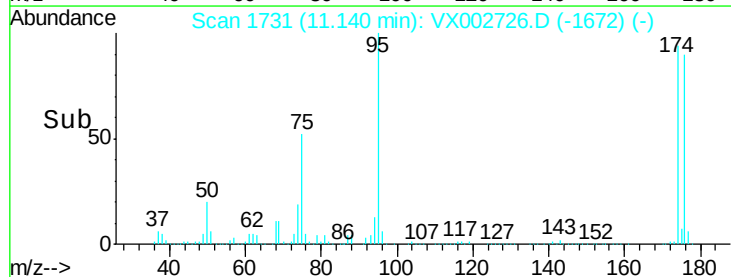
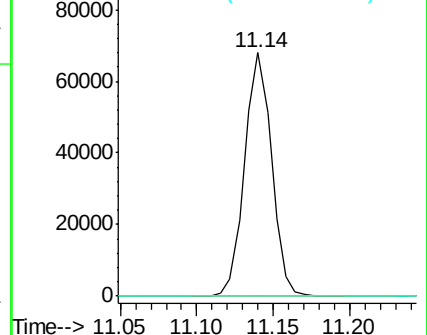
89 0.0 38.2 57.2#

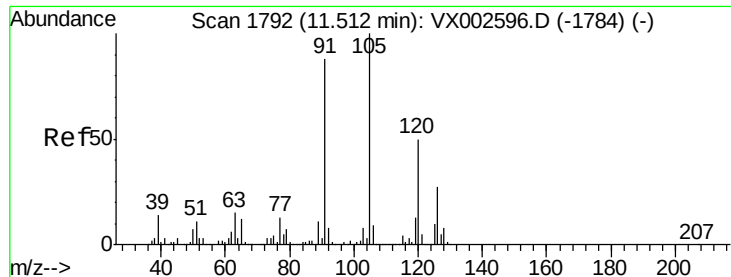


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.42 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

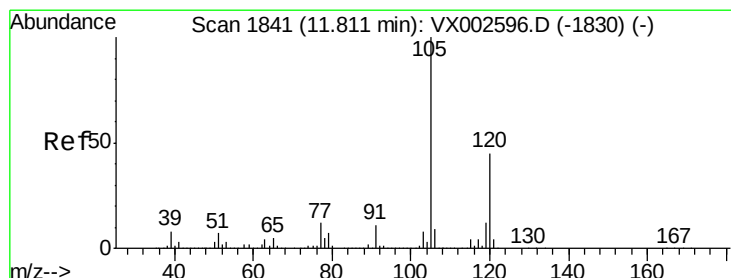
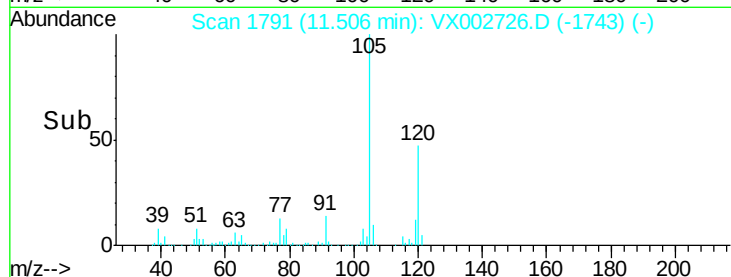
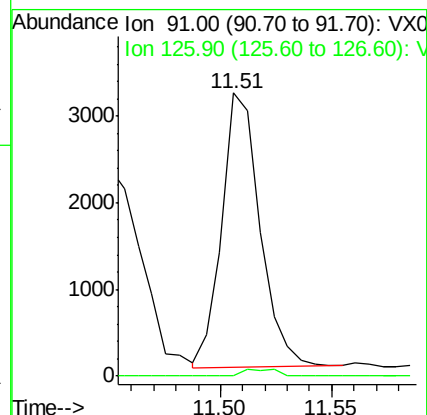
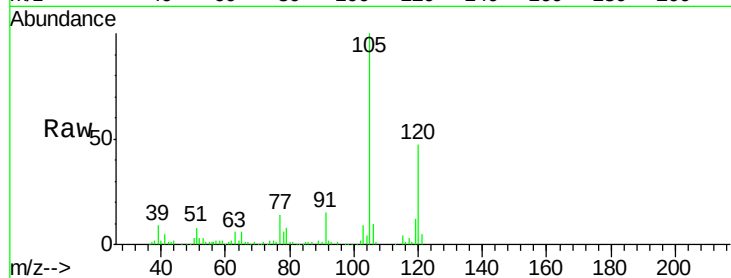
ClientSampleId :

Tot Ion: 91 Resp: 3777

Ion Ratio Lower Upper

91 100

126 2.0 15.4 46.4#



#84

1,2,4-Trimethylbenzene

Concen: 9.76 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002726.D

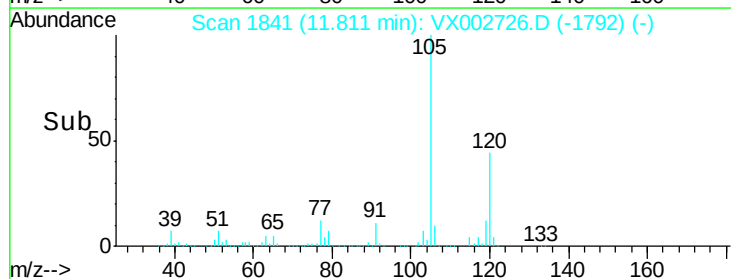
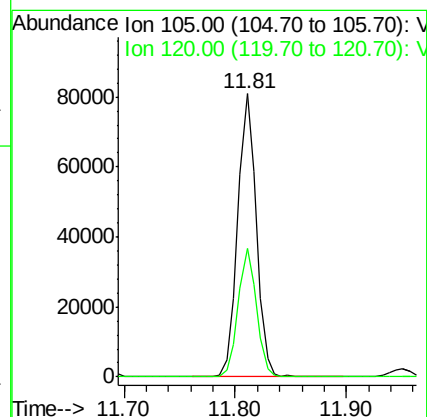
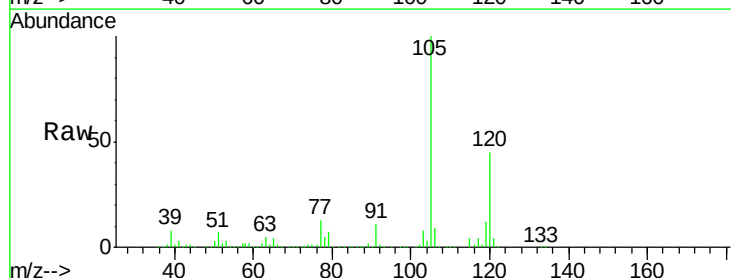
Acq: 19 Jun 2018 21:11

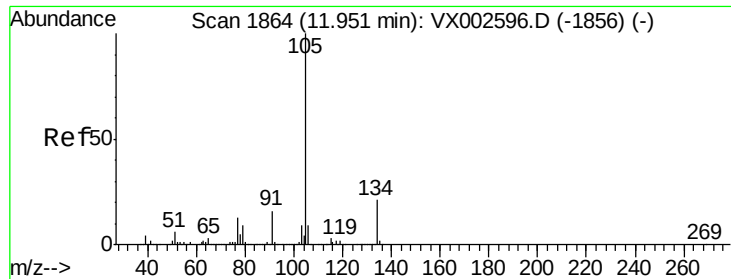
Tgt Ion: 105 Resp: 93800

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.30 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

Instrument :

MSVOA_X

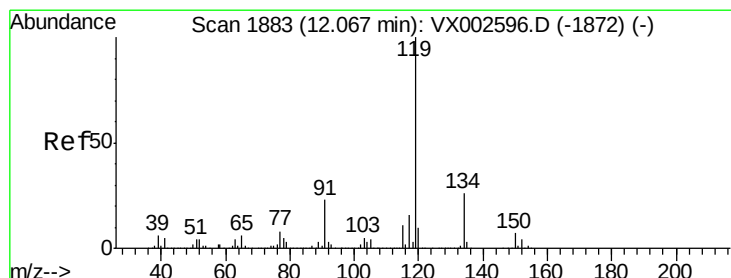
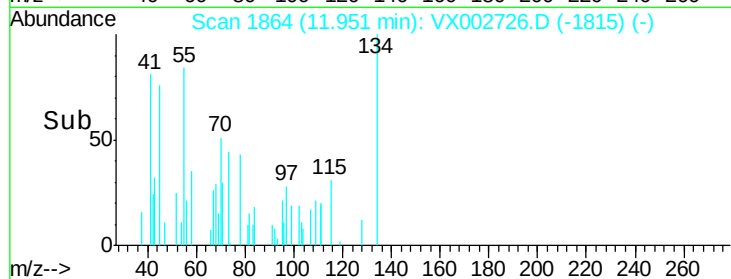
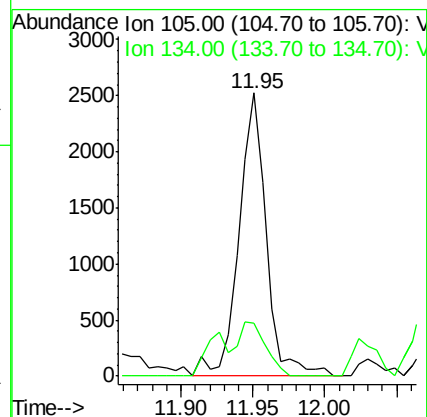
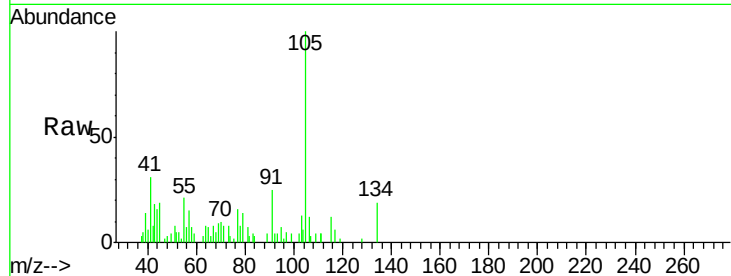
ClientSampled :

Tot Ion:105 Resp: 3343

Ion Ratio Lower Upper

105 100

134 19.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 0.24 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX002726.D

Acq: 19 Jun 2018 21:11

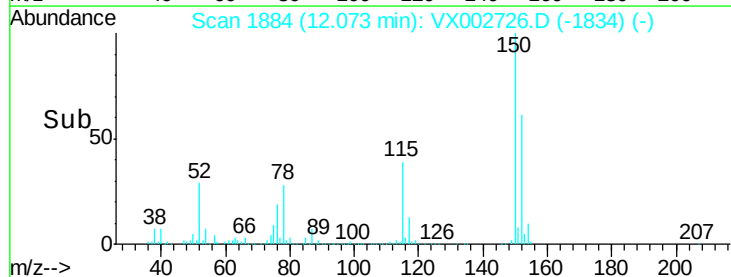
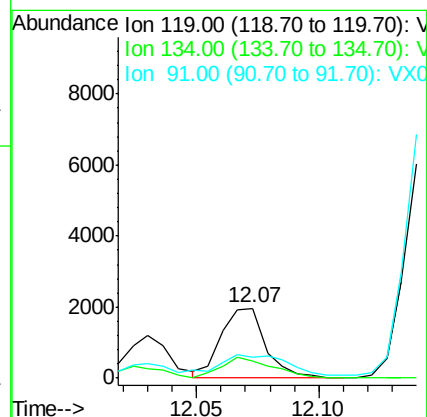
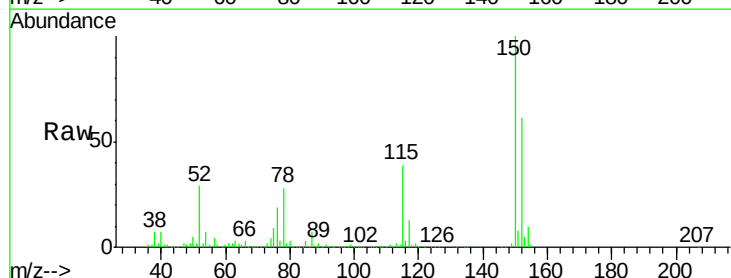
Tgt Ion:119 Resp: 2492

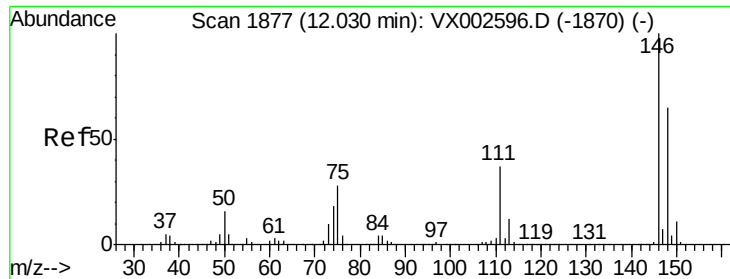
Ion Ratio Lower Upper

119 100

134 34.8 13.4 40.1

91 45.6 11.9 35.7#

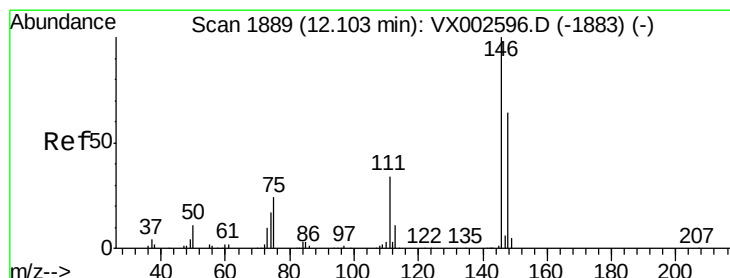
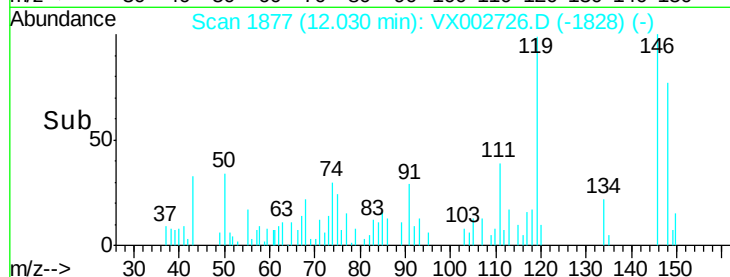
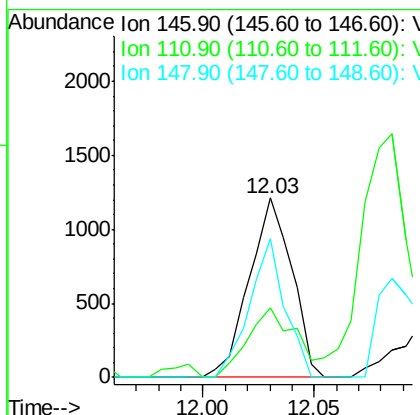
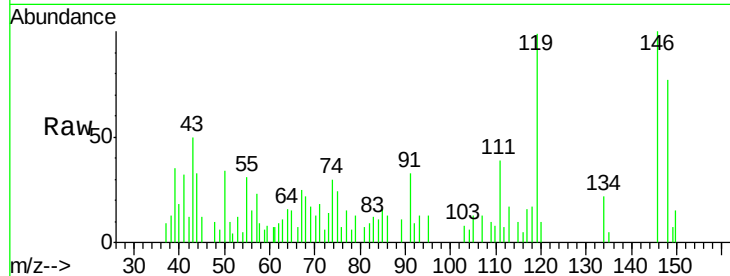




#87
 1,3-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

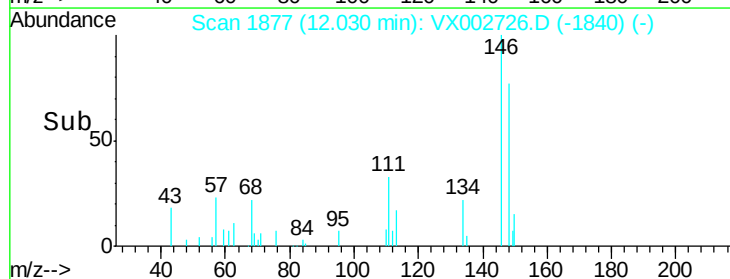
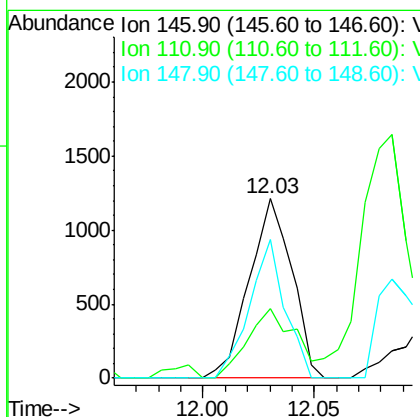
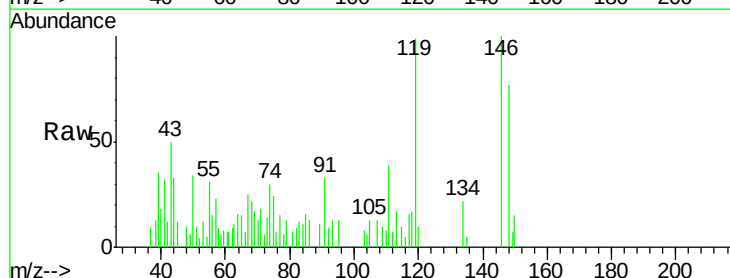
Instrument :
 MSVOA_X
 ClientSampled :

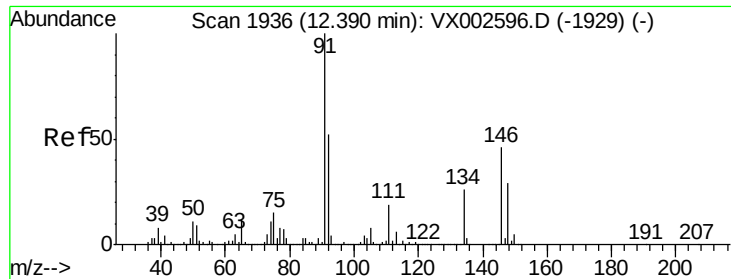
Tot Ion:146 Resp: 1614
 Ion Ratio Lower Upper
 146 100
 111 43.2 18.9 56.7
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

Tgt Ion:146 Resp: 1614
 Ion Ratio Lower Upper
 146 100
 111 43.2 18.7 56.1
 148 64.1 32.4 97.0

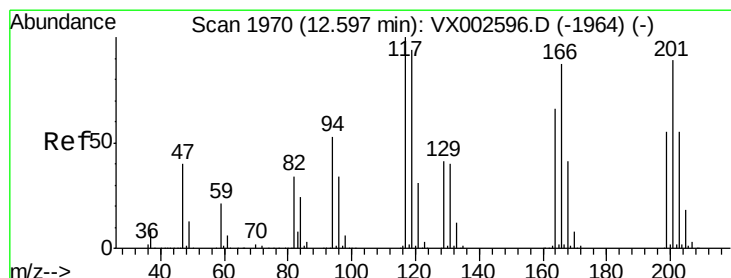
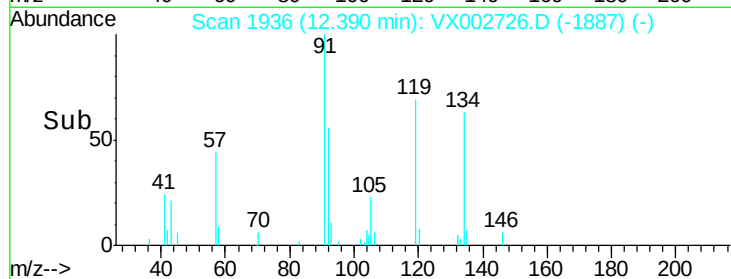
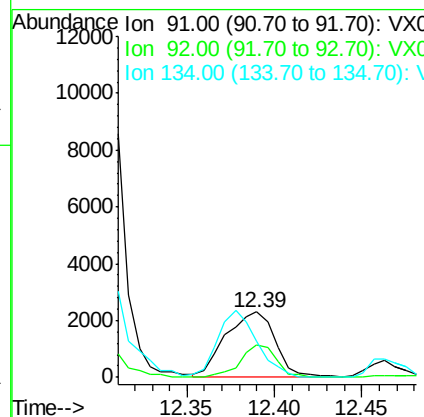
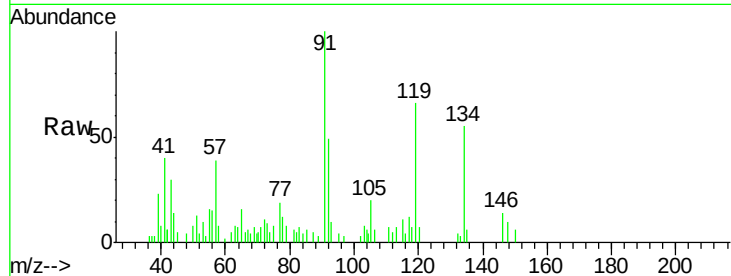




#89
n-Butylbenzene
Concen: 0.51 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

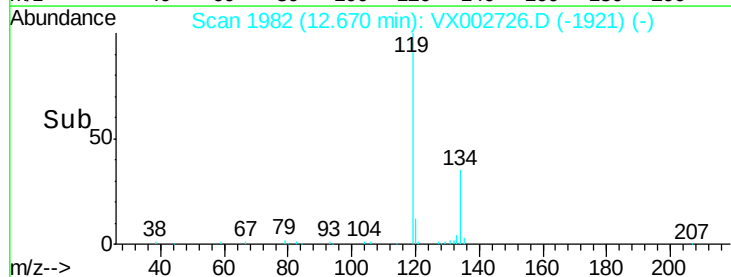
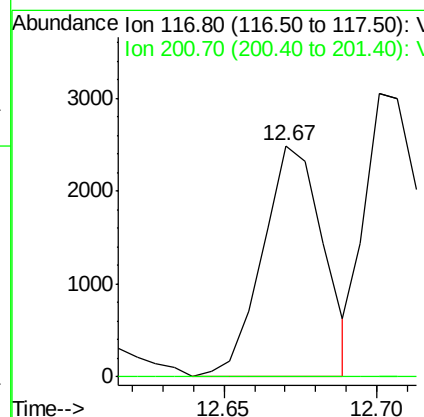
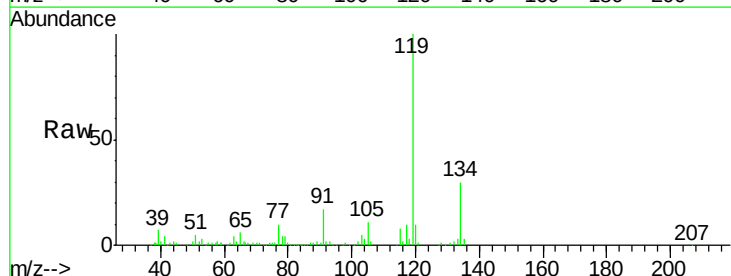
Instrument :
MSVOA_X
ClientSampleId :

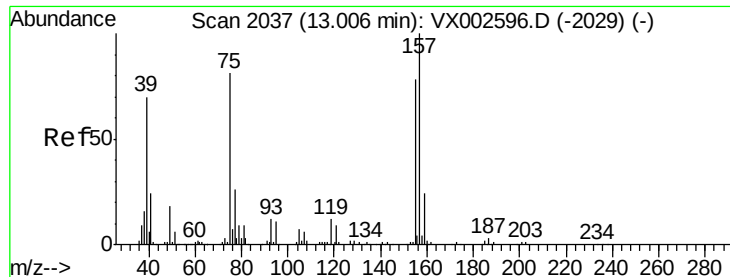
Tot Ion: 91 Resp: 4549
Ion Ratio Lower Upper
91 100
92 35.3 26.0 78.0
134 81.6 13.5 40.5#



#90
Hexachloroethane
Concen: 4.68 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002726.D
Acq: 19 Jun 2018 21:11

Tgt Ion: 117 Resp: 3450
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

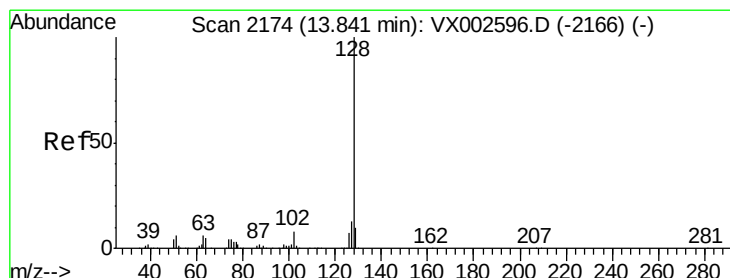
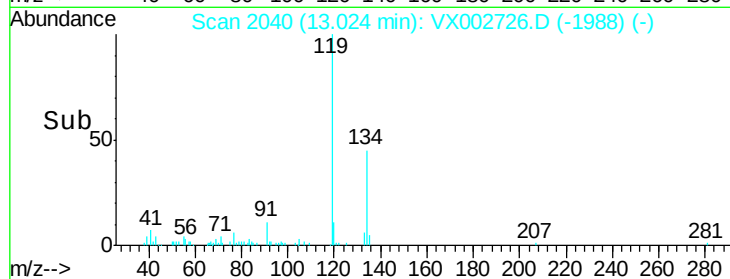
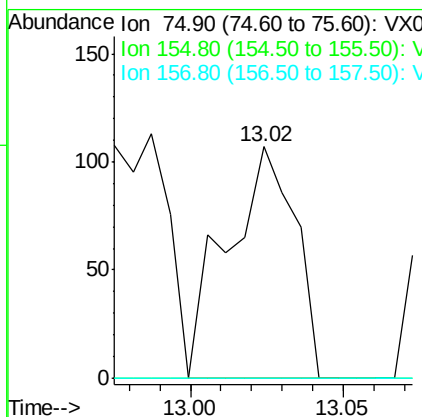
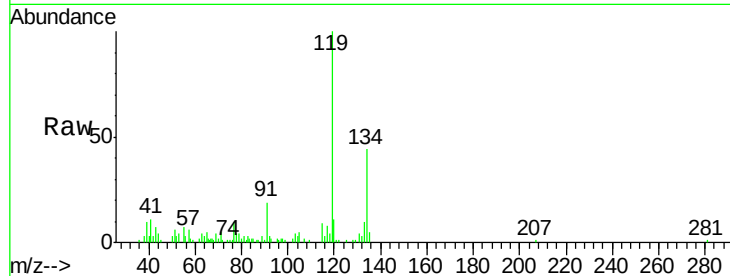




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.24 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 165
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.8 137.4#
 157 0.0 60.1 180.3#



#95
 Naphthalene
 Concen: 16.65 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX002726.D
 Acq: 19 Jun 2018 21:11

Tgt Ion: 128 Resp: 186314
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 10.6 8.6 13.0

