

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002653.D
 Acq On : 16 Jun 2018 18:06
 Operator : JC/MD
 Sample : VX0616WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBL01

Quant Time: Jun 18 01:38:34 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	206116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	287576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151486	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	135029	43.11	ug/l	0.00
Spiked Amount						
			Recovery	=	86.22%	
35) Dibromofluoromethane	5.51	113	107218	46.72	ug/l	0.00
Spiked Amount						
			Recovery	=	93.44%	
50) Toluene-d8	8.72	98	410175	47.07	ug/l	0.00
Spiked Amount						
			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.14	95	140277	42.48	ug/l	0.00
Spiked Amount						
			Recovery	=	84.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	684	0.263	ug/l	90
5) Bromomethane	1.65	94	1900	1.166	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.39	101	546	0.223	ug/l #	83
10) Methyl Iodide	2.52	142	4086	6.288	ug/l	96
11) Tert butyl alcohol	3.02	59	2427	3.748	ug/l #	89
13) Acrolein	2.29	56	533	8.571	ug/l	91
15) Acrylonitrile	3.15	53	1120	0.793	ug/l #	76
16) Acetone	2.45	43	1223	0.885	ug/l #	69
17) Carbon Disulfide	2.57	76	3674	0.673	ug/l	100
18) Methyl Acetate	2.79	43	1248	0.339	ug/l #	74
20) Methylene Chloride	2.85	84	663	0.234	ug/l #	69
21) trans-1,2-Dichloroethene	3.17	96	926	0.371	ug/l #	72
25) 2-Butanone	4.71	43	509	0.280	ug/l #	52
29) Tetrahydrofuran	5.18	42	887	0.746	ug/l #	87
36) 1,1-Dichloropropene	5.79	75	637	0.209	ug/l #	90
38) Carbon Tetrachloride	5.67	117	18739	6.161	ug/l #	15
44) Trichloroethene	7.20	130	556	0.210	ug/l	74
49) 1,4-Dioxane	7.77	88	67	1.209	ug/l #	1
53) t-1,3-Dichloropropene	8.44	75	353	2.483	ug/l #	75
54) cis-1,3-Dichloropropene	9.05	75	373	3.310	ug/l	95
59) 2-Hexanone	9.51	43	593	0.214	ug/l	93
60) Dibromochloromethane	9.59	129	57	3.780	ug/l #	11
64) Tetrachloroethene	9.34	164	724	0.242	ug/l #	79
65) Chlorobenzene	10.14	112	2439	0.368	ug/l	98
68) m/p-Xylenes	10.36	106	1566	0.363	ug/l	86
76) 1,2,3-Trichloropropane	11.14	75	77384	27.071	ug/l #	33
78) n-propylbenzene	11.37	91	2882	0.248	ug/l	97
79) 2-Chlorotoluene	11.43	91	1569	0.226	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	1756	0.205	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.14	75	77384	83.558	ug/l #	6
82) 4-Chlorotoluene	11.52	91	2150	0.263	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	1918	0.220	ug/l	90
85) sec-Butylbenzene	11.95	105	2322	0.226	ug/l	100
86) p-Isopropyltoluene	12.07	119	2216	0.239	ug/l #	68

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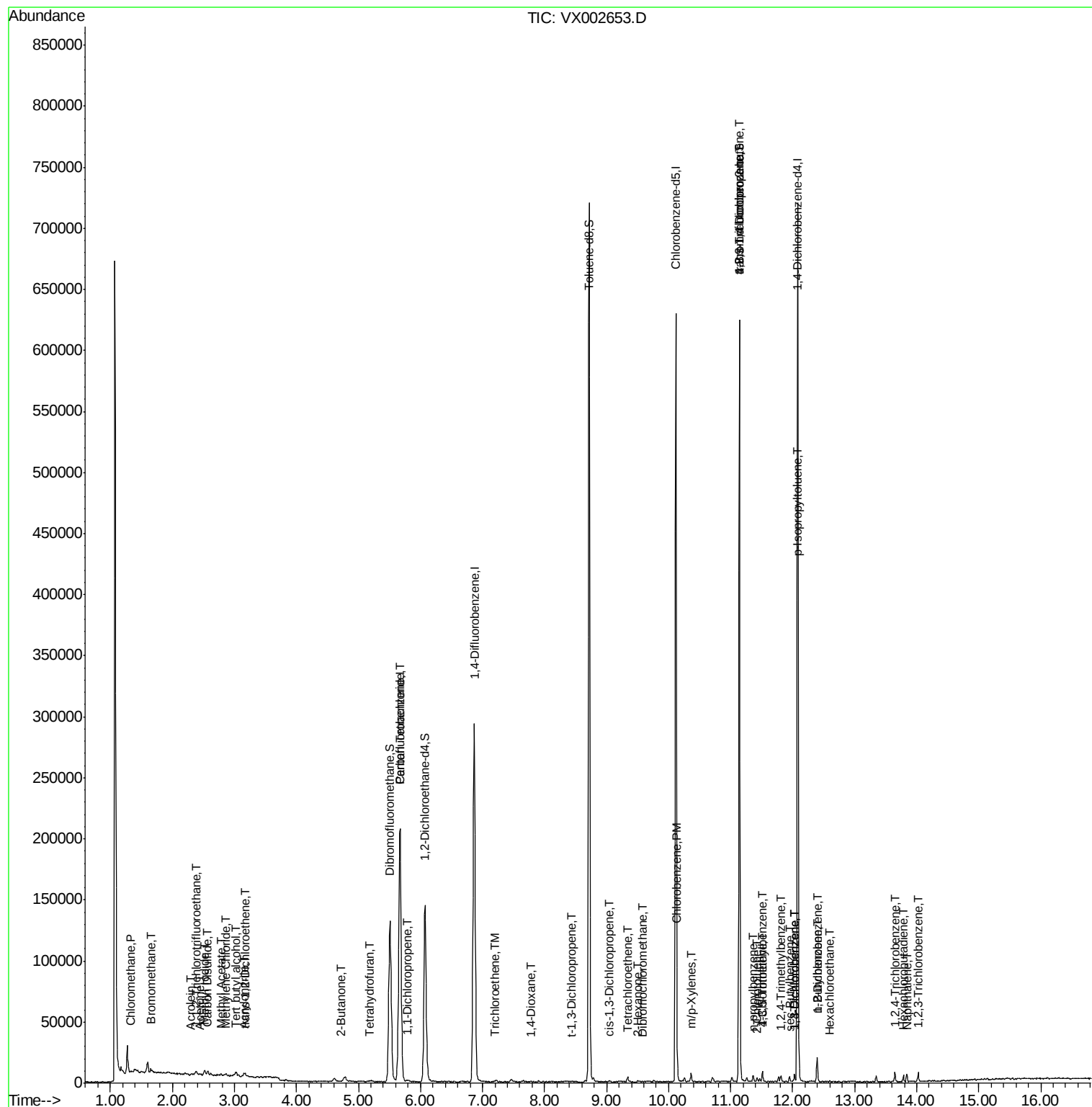
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.03	146	1927	0.372	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	1927	0.366	ug/l	94
89) n-Butylbenzene	12.39	91	2628	0.321	ug/l	96
90) Hexachloroethane	12.60	117	161	2.730	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	4304	0.826	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	2141	0.566	ug/l	92
94) Hexachlorobutadiene	13.79	225	959	0.481	ug/l	91
95) Naphthalene	13.84	128	3694	0.363	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	1765	0.465	ug/l	97

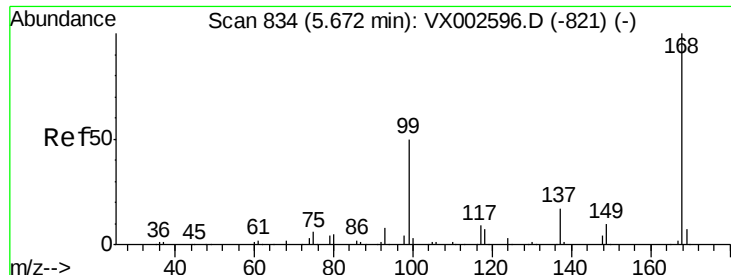
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
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Acq On : 16 Jun 2018 18:06
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

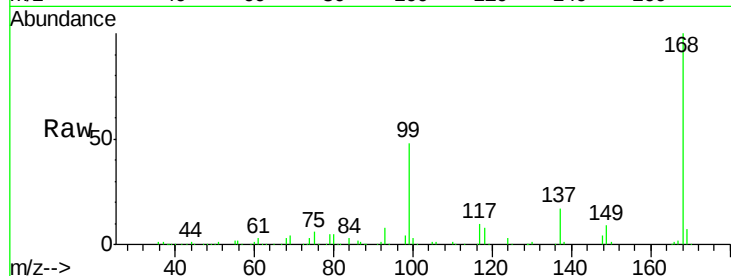
VX0616WBL01

Tot Ion:168 Resp: 206116

Ion Ratio Lower Upper

168 100

99 47.7 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

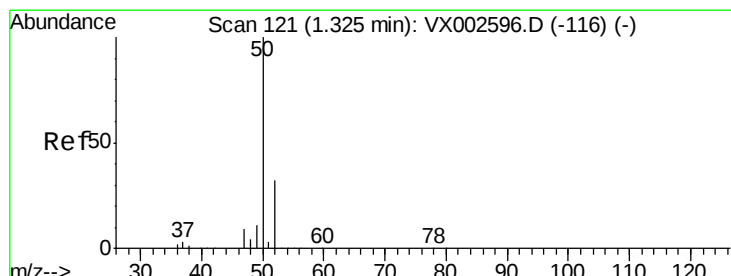
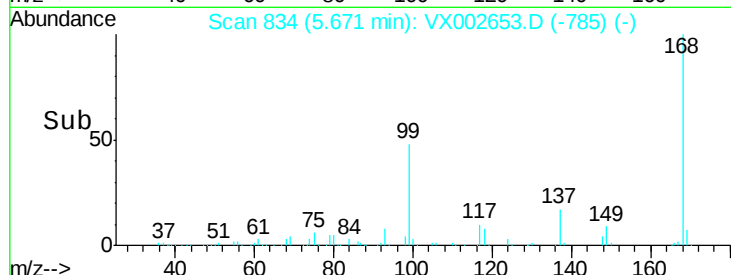
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.263 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002653.D

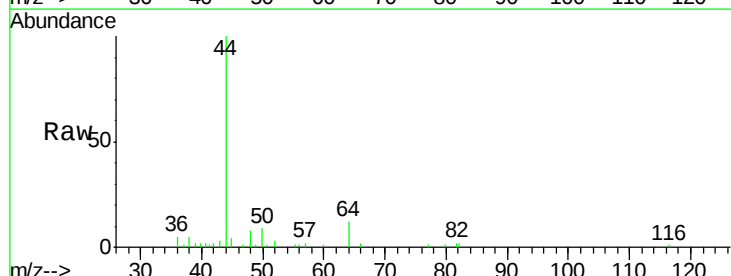
Acq: 16 Jun 2018 18:06

Tgt Ion: 50 Resp: 684

Ion Ratio Lower Upper

50 100

52 37.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

500

400

300

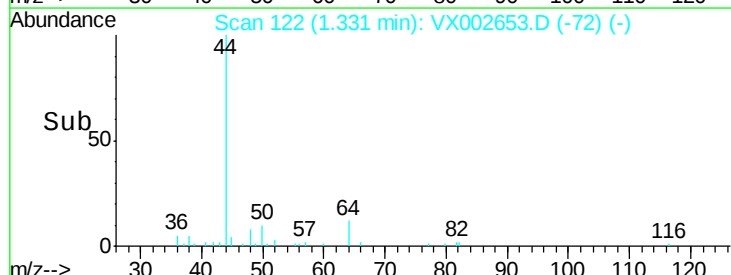
200

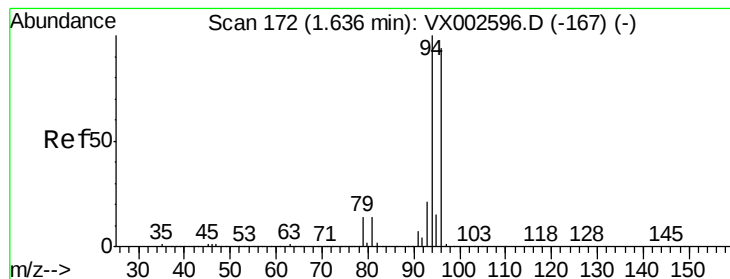
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 1.166 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

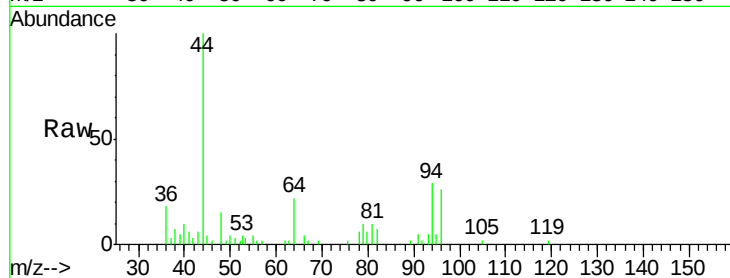
VX0616WBL01

Tot Ion: 94 Resp: 1900

Ion Ratio Lower Upper

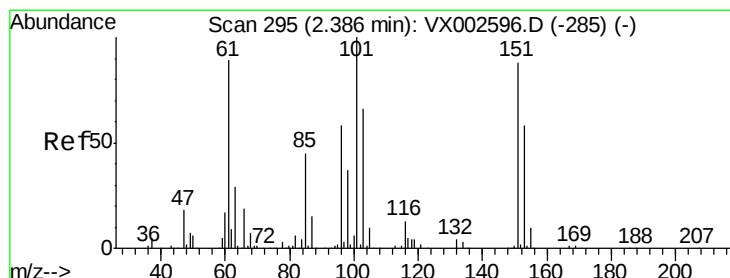
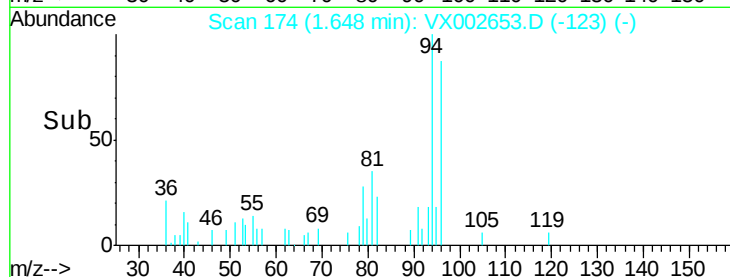
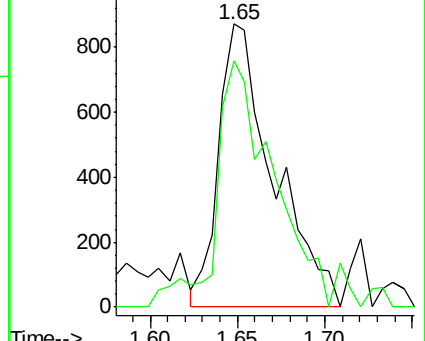
94 100

96 79.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.223 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

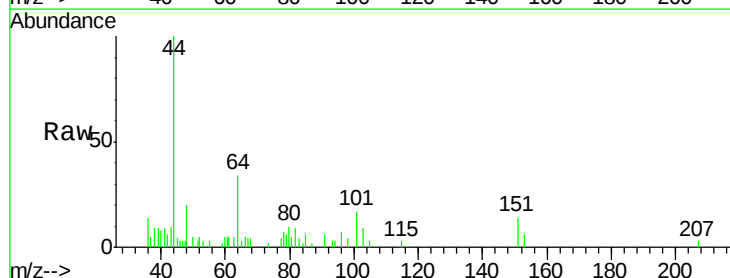
Tgt Ion:101 Resp: 546

Ion Ratio Lower Upper

101 100

85 57.1 36.0 54.0#

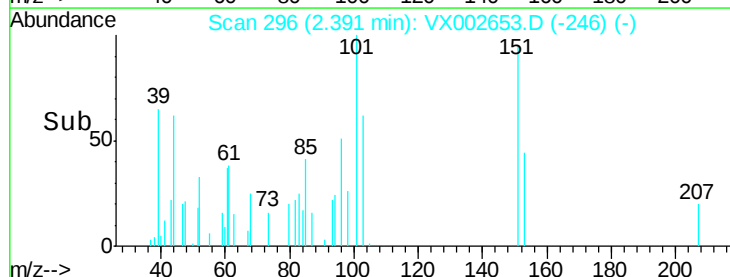
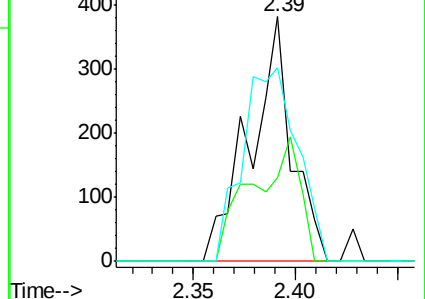
151 103.8 70.9 106.3

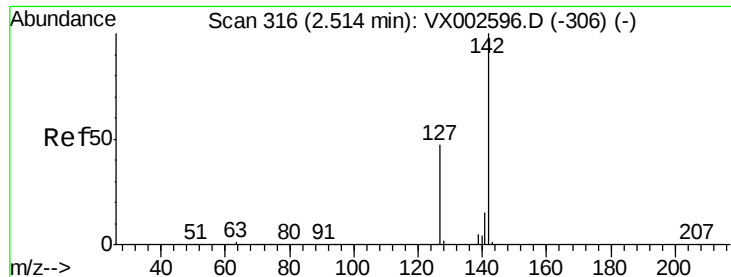


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

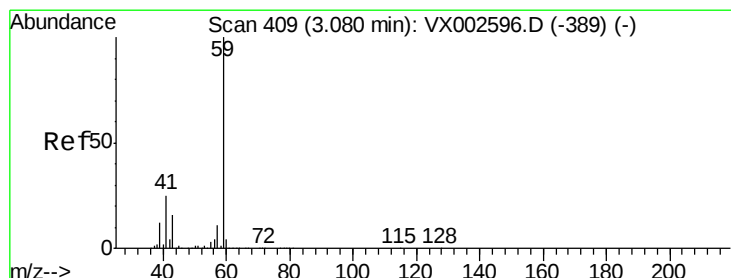
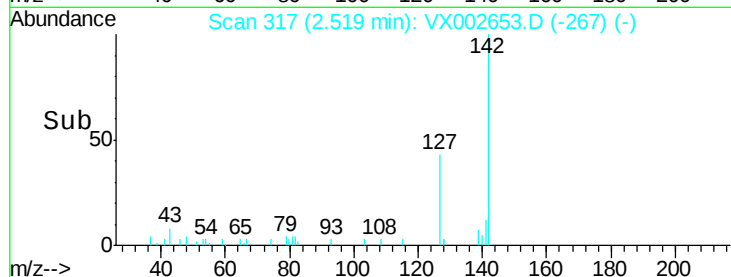
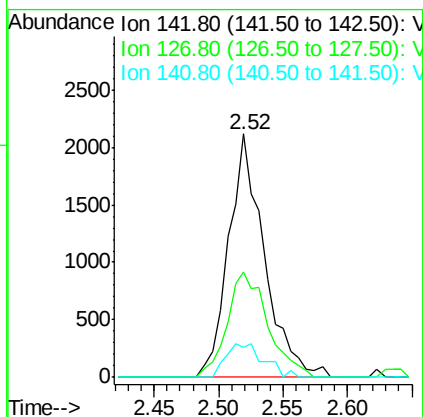
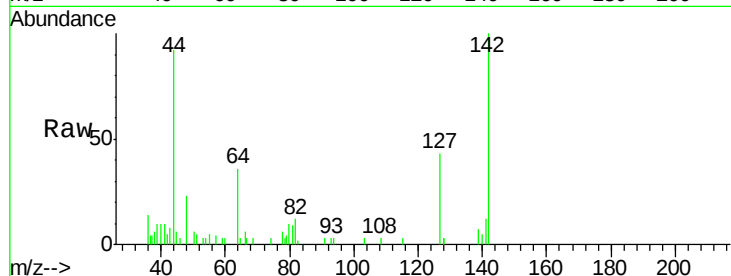




#10
Methyl Iodide
Concen: 6.288 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

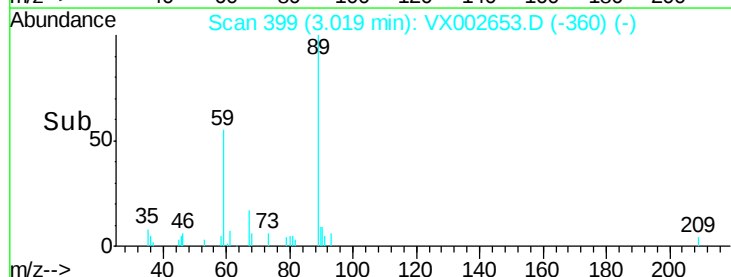
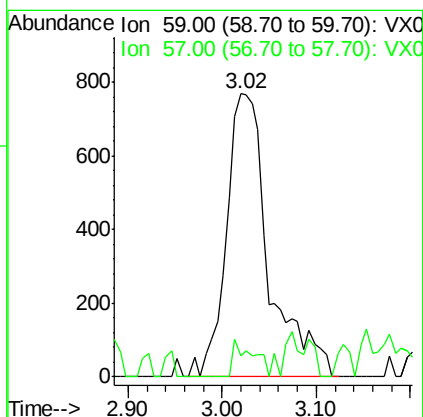
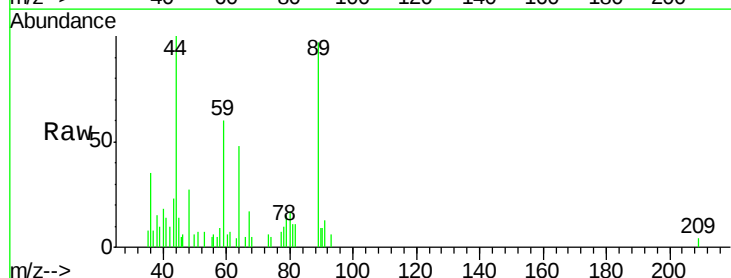
Instrument :
MSVOA_X
ClientSampled :
VX0616WBL01

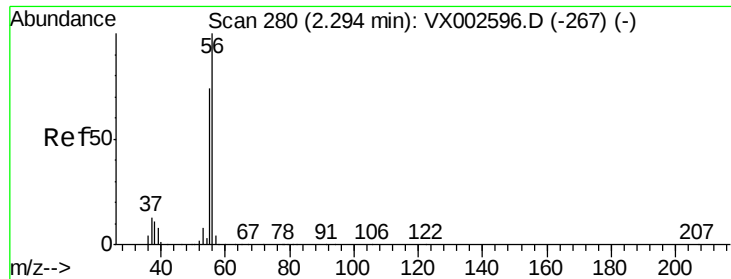
Tot Ion:142 Resp: 4086
Ion Ratio Lower Upper
142 100
127 49.1 36.6 55.0
141 14.6 11.3 16.9



#11
Tert butyl alcohol
Concen: 3.748 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion: 59 Resp: 2427
Ion Ratio Lower Upper
59 100
57 6.1 8.2 12.2#





#13

Acrolein

Concen: 8.571 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampled :

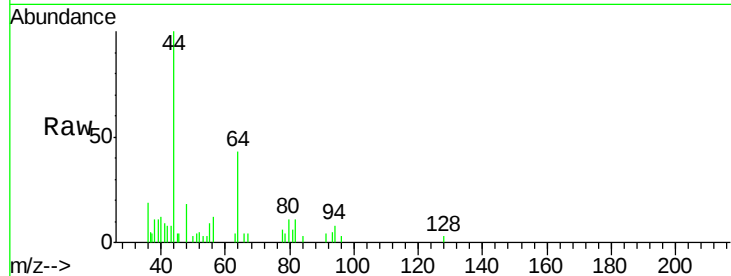
VX0616WBL01

Tot Ion: 56 Resp: 533

Ion Ratio Lower Upper

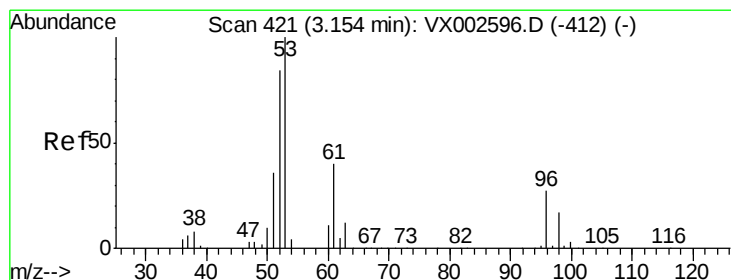
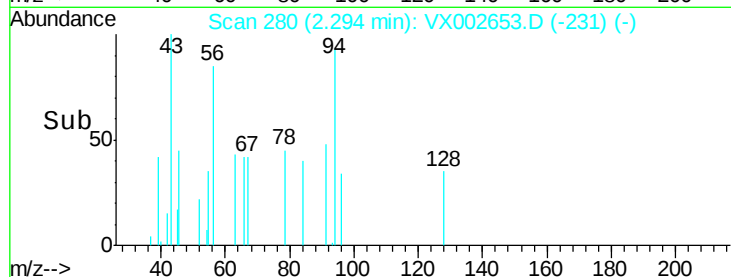
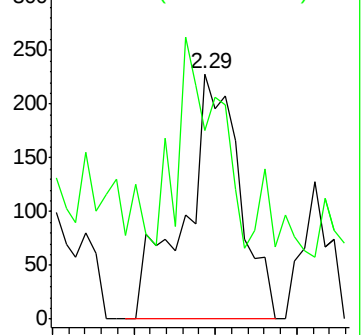
56 100

55 79.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.793 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

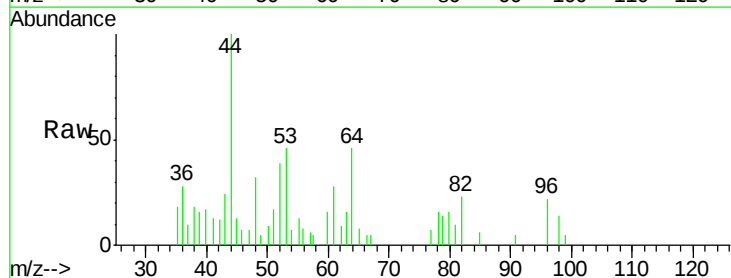
Tgt Ion: 53 Resp: 1120

Ion Ratio Lower Upper

53 100

52 103.1 66.7 100.1#

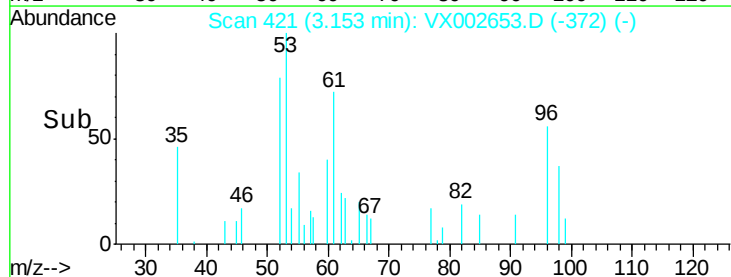
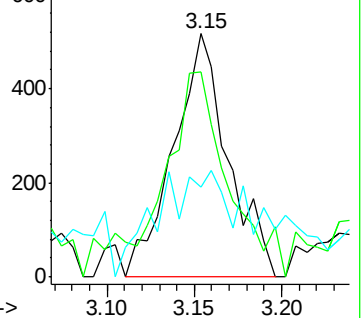
51 54.2 29.9 44.9#

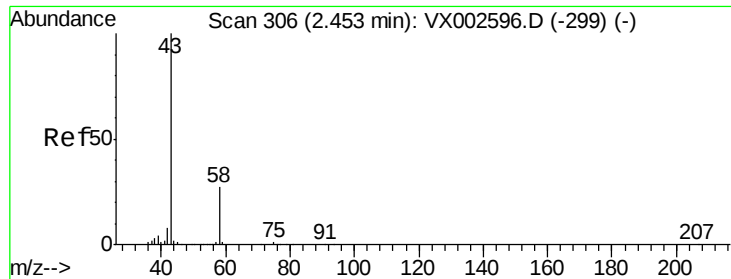


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 0.885 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

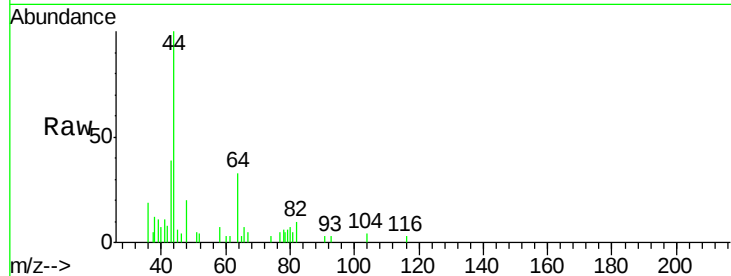
VX0616WBL01

Tot Ion: 43 Resp: 1223

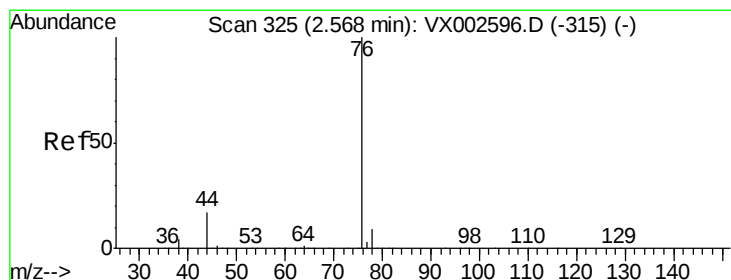
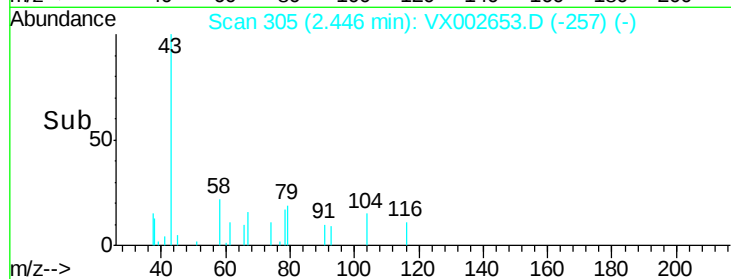
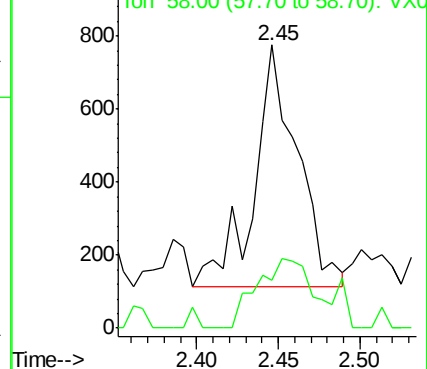
Ion Ratio Lower Upper

43 100

58 11.4 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#17

Carbon Disulfide

Concen: 0.673 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002653.D

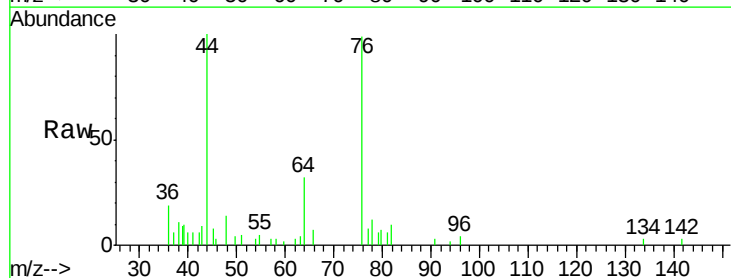
Acq: 16 Jun 2018 18:06

Tgt Ion: 76 Resp: 3674

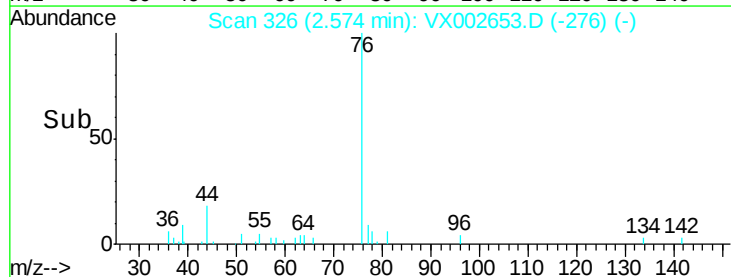
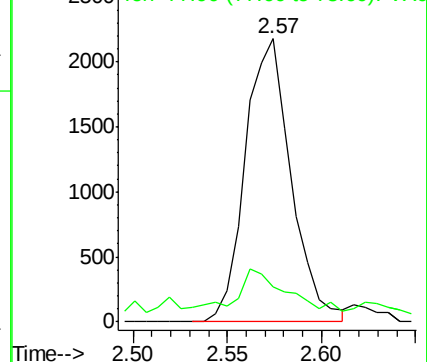
Ion Ratio Lower Upper

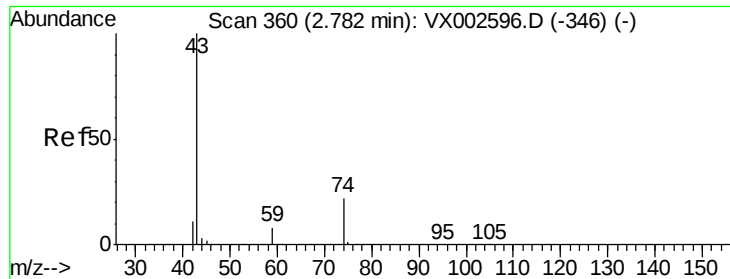
76 100

78 8.6 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

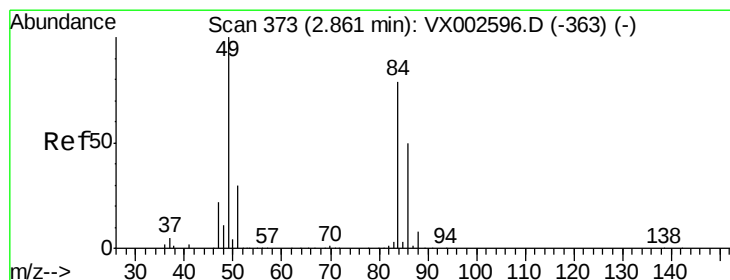
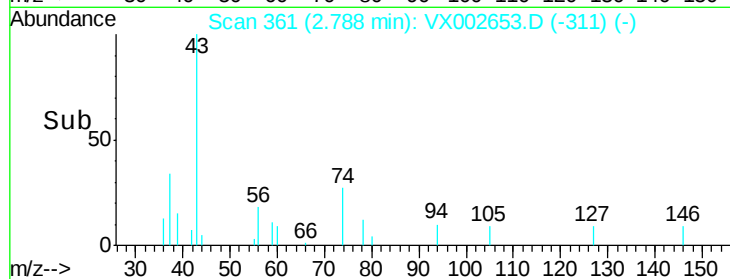
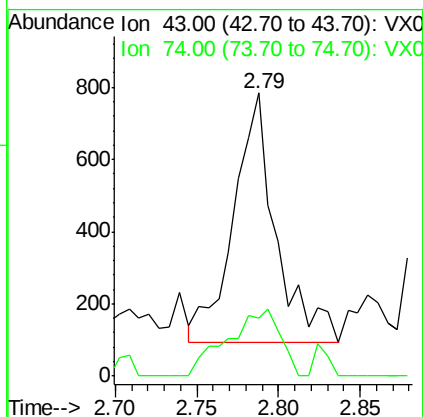
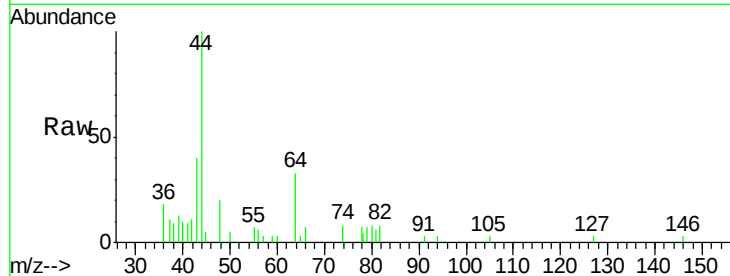




#18
Methyl Acetate
Concen: 0.339 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

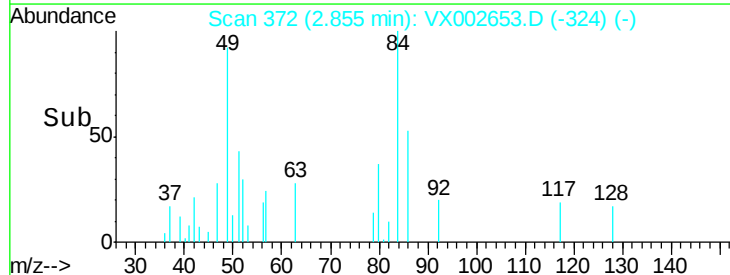
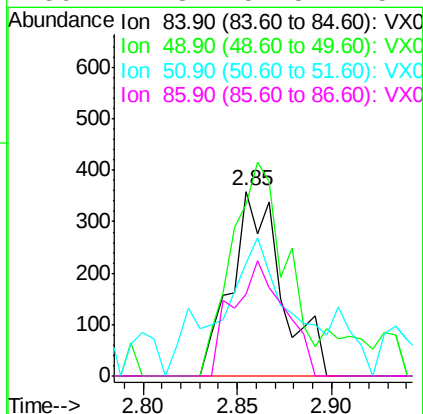
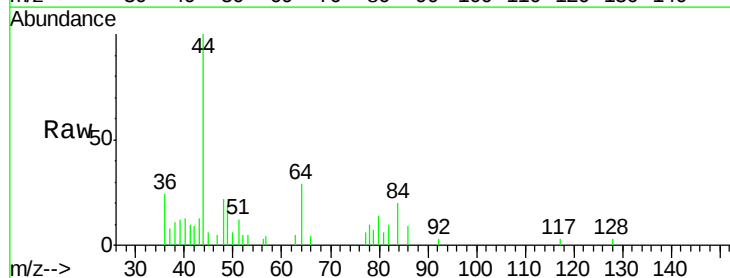
Instrument :
MSVOA_X
ClientSampled :
VX0616WBL01

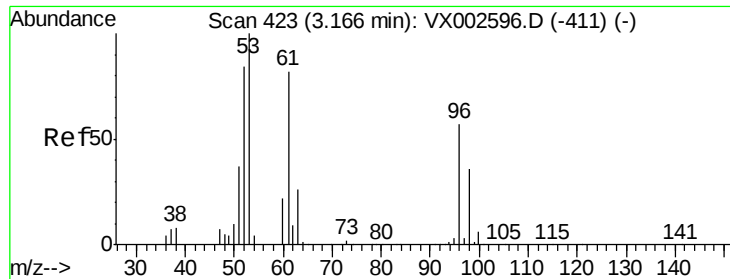
Tot Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
74 33.1 16.7 25.1#



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion: 84 Resp: 663
Ion Ratio Lower Upper
84 100
49 93.0 107.8 161.6#
51 24.8 32.8 49.2#
86 44.3 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 0.371 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBL01

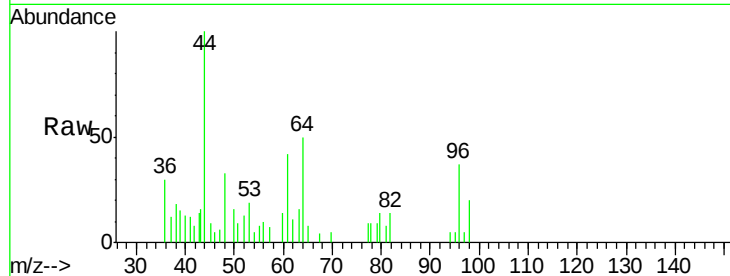
Tot Ion: 96 Resp: 926

Ion Ratio Lower Upper

96 100

61 103.4 117.0 175.4#

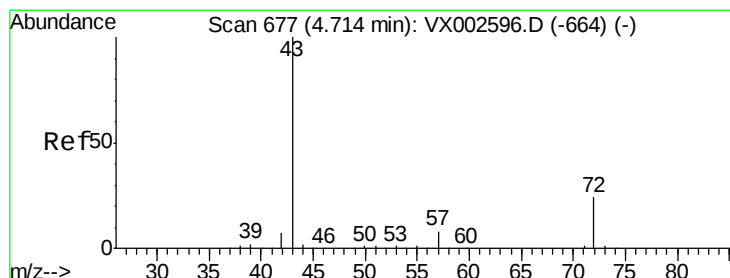
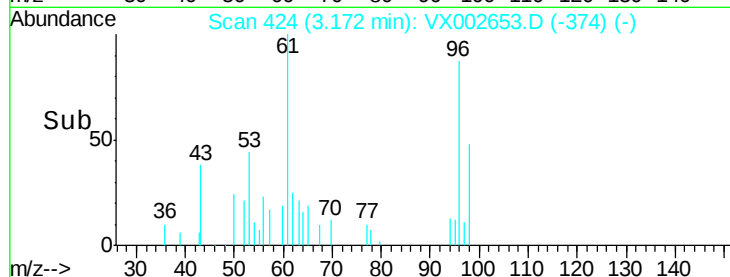
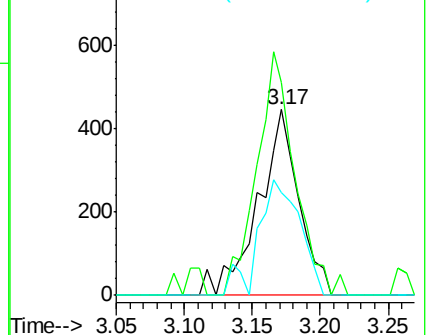
98 55.2 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#25

2-Butanone

Concen: 0.280 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002653.D

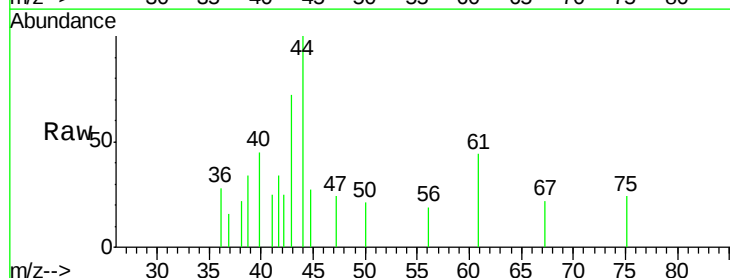
Acq: 16 Jun 2018 18:06

Tgt Ion: 43 Resp: 509

Ion Ratio Lower Upper

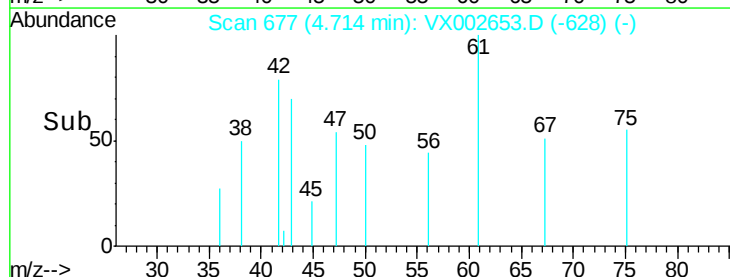
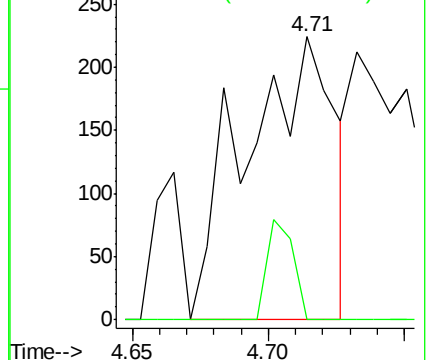
43 100

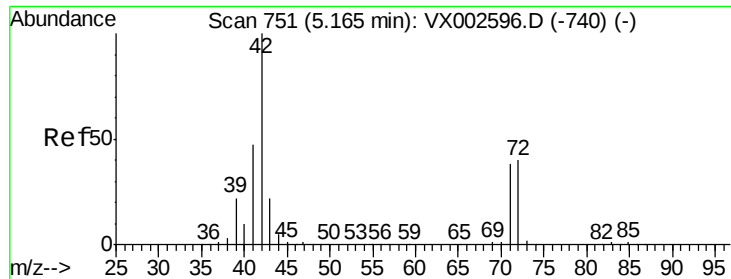
72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

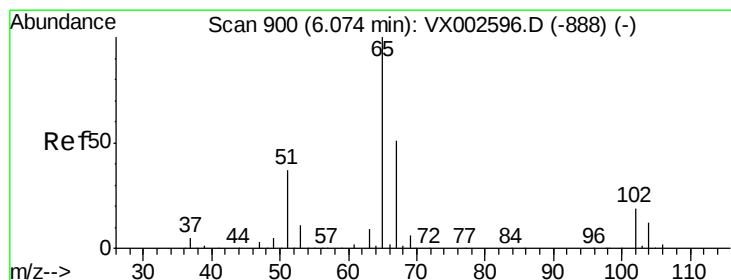
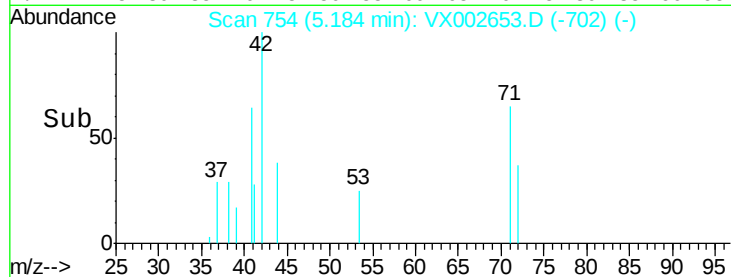
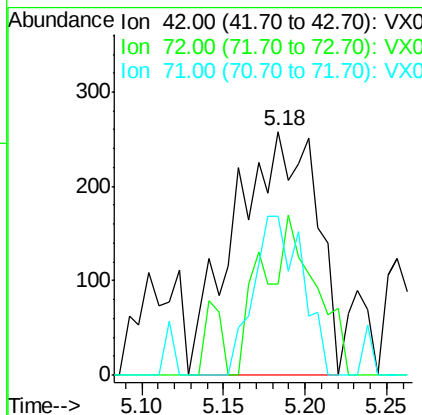
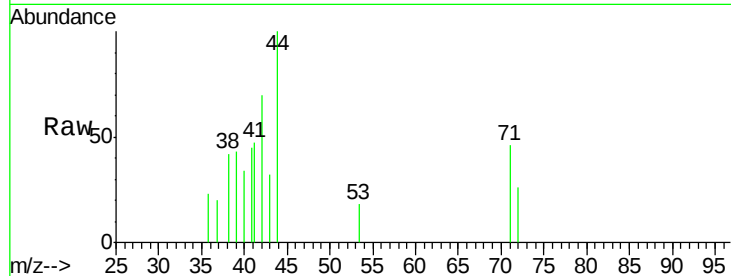




#29
Tetrahydrofuran
Concen: 0.746 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

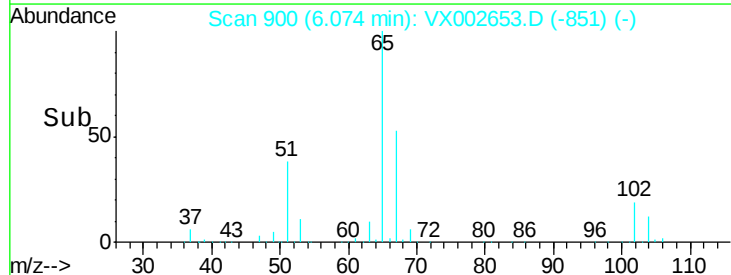
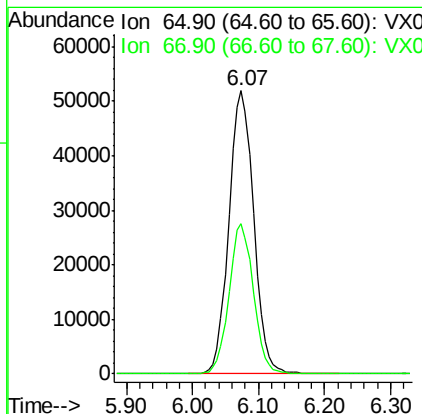
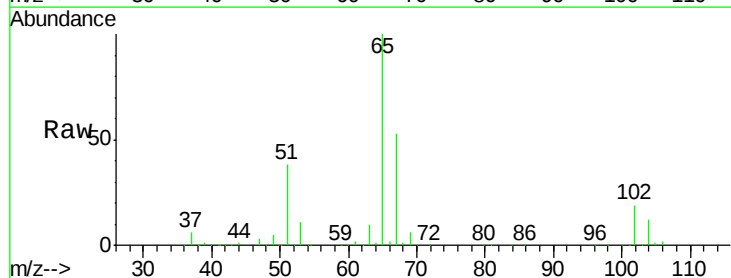
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBL01

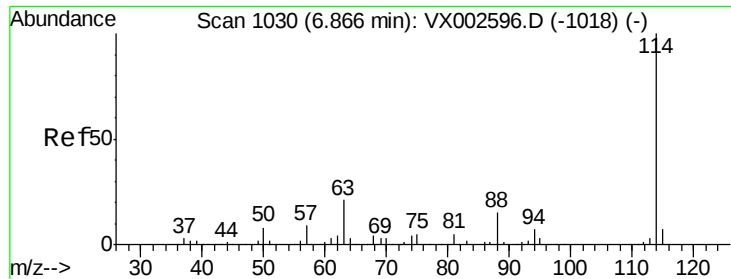
Tot Ion: 42 Resp: 887
Ion Ratio Lower Upper
42 100
72 26.0 32.0 48.0#
71 39.5 30.1 45.1



#33
1,2-Dichloroethane-d4
Concen: 43.110 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion: 65 Resp: 135029
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBL01

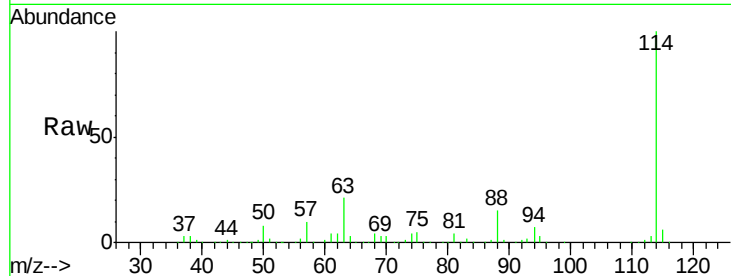
Tot Ion:114 Resp: 287576

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

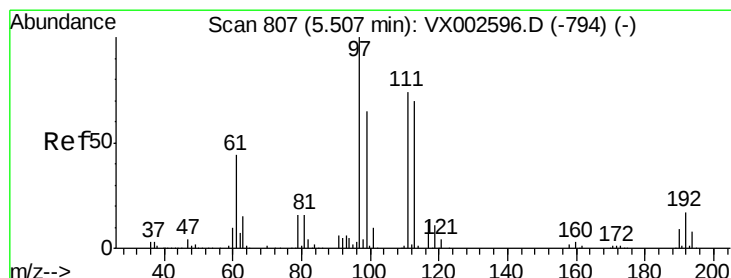
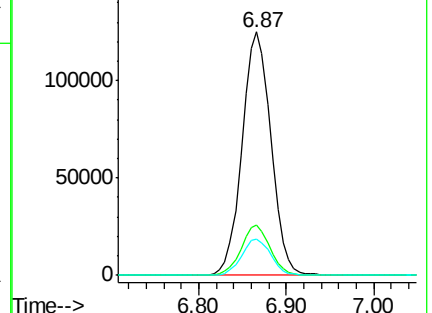
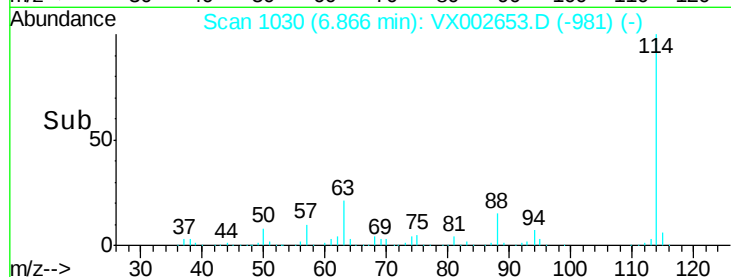
88 14.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.715 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

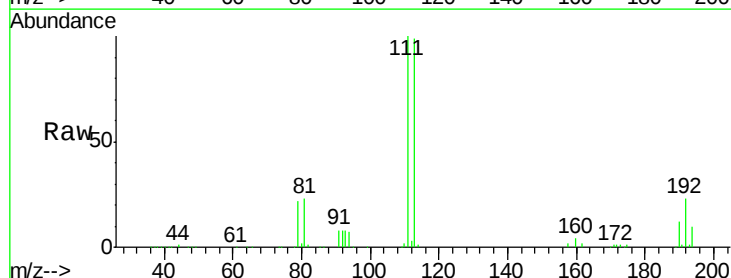
Tgt Ion:113 Resp: 107218

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

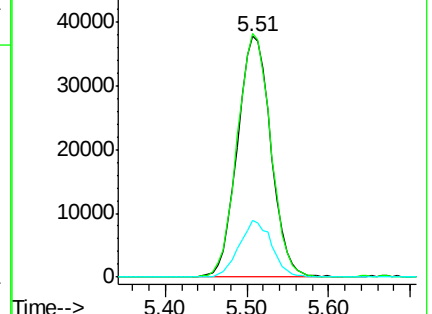
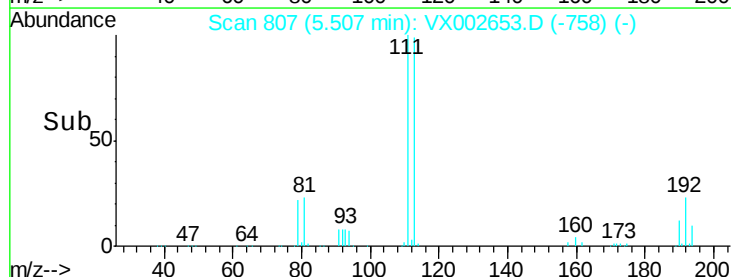
192 22.9 19.1 28.7

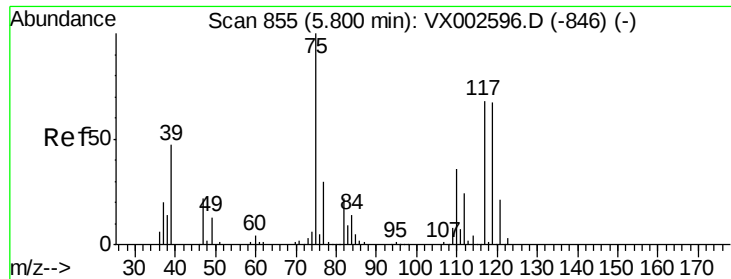


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

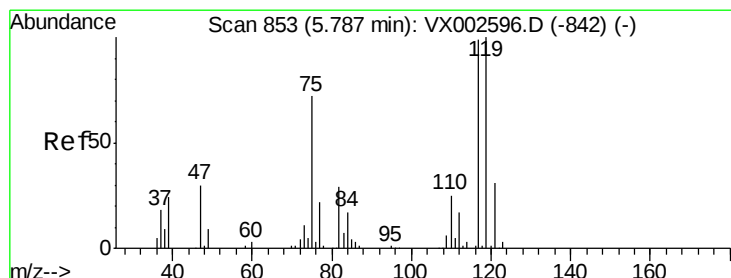
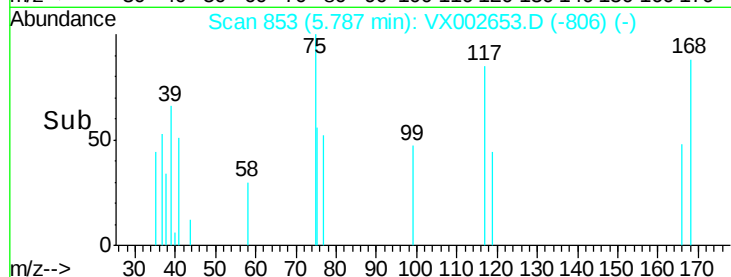
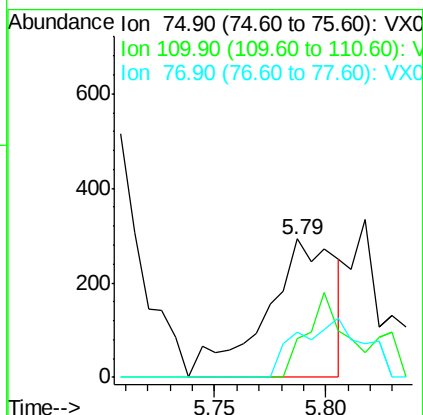
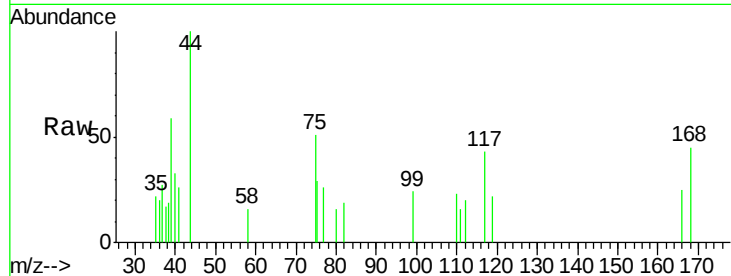




#36
 1,1-Dichloropropene
 Concen: 0.209 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

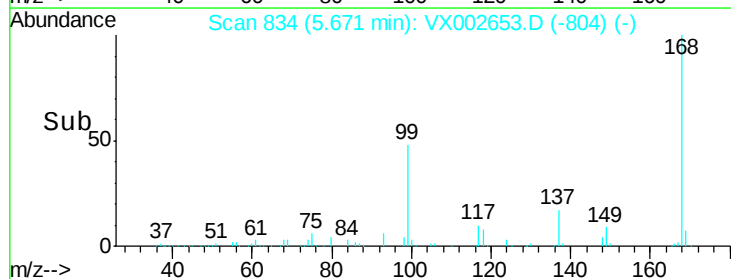
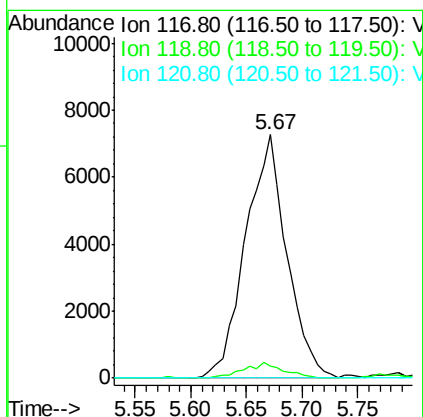
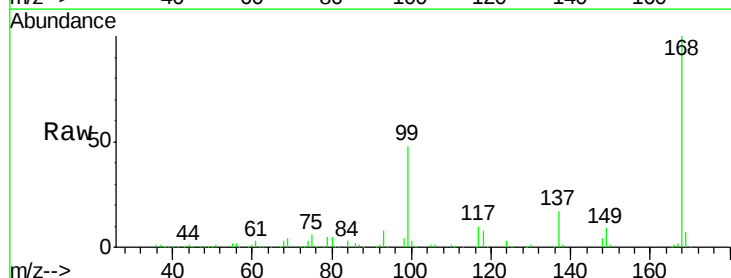
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBL01

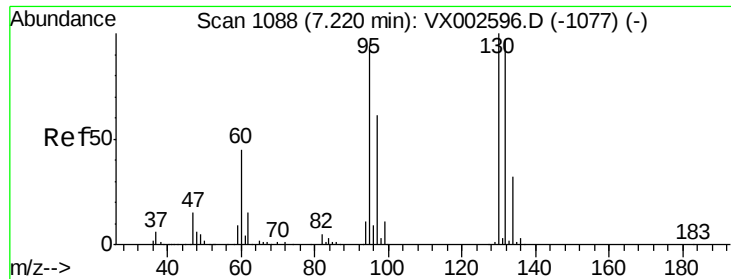
Tot Ion: 75 Resp: 637
 Ion Ratio Lower Upper
 75 100
 110 34.2 18.1 54.4
 77 40.5 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.161 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

Tgt Ion: 117 Resp: 18739
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.4 116.0#
 121 0.0 24.4 36.6#





#44

Trichloroethene

Concen: 0.210 ug/l

RT: 7.20 min Scan# 1085

Delta R.T. -0.02 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

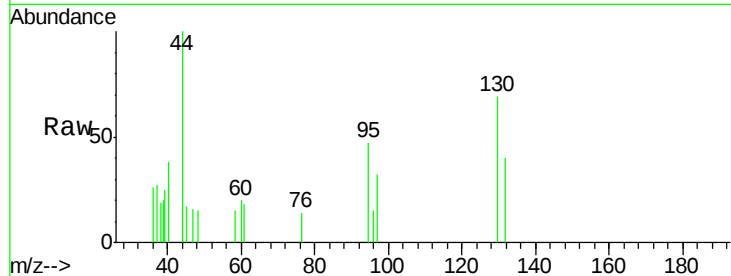
VX0616WBL01

Tot Ion:130 Resp: 556

Ion Ratio Lower Upper

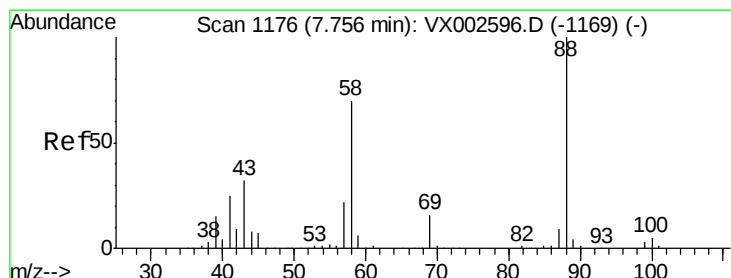
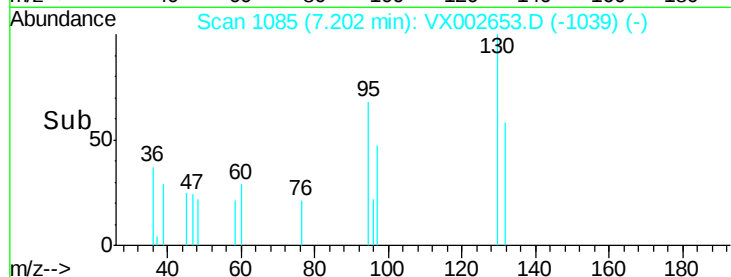
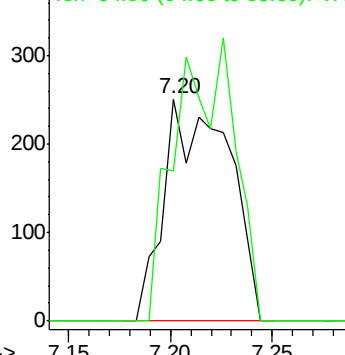
130 100

95 67.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 1.209 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

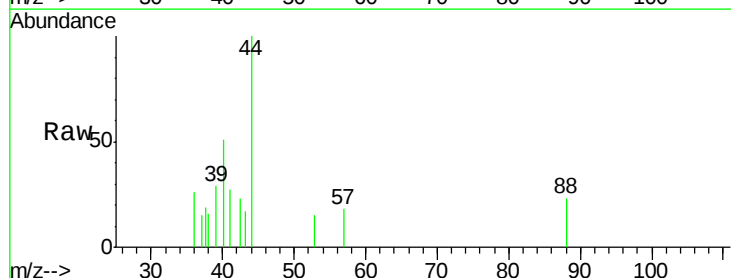
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 268.7 29.8 44.6#

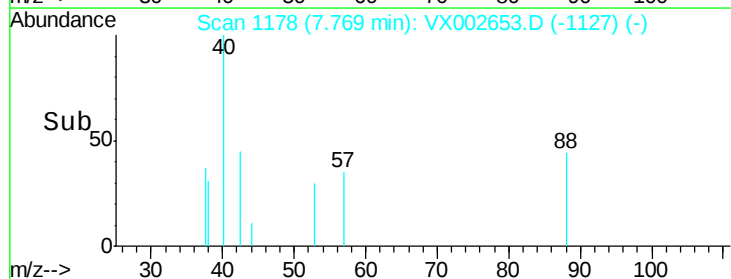
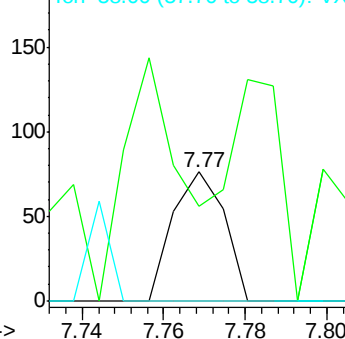
58 0.0 57.1 85.7#

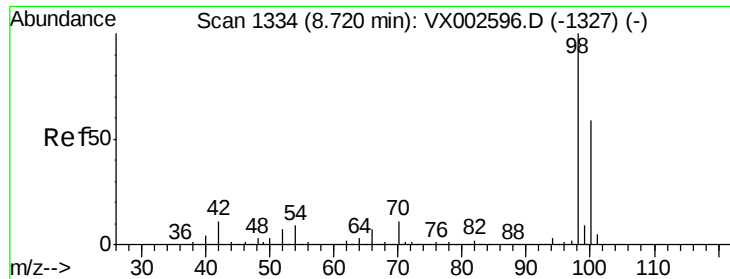


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.068 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

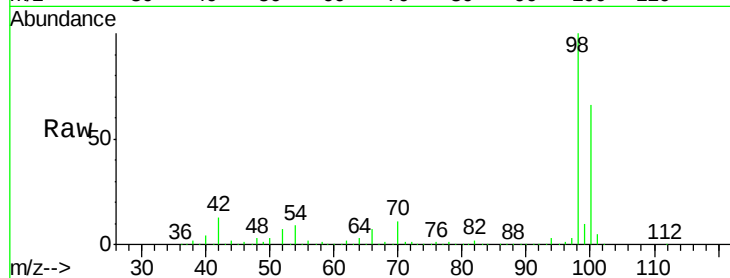
VX0616WBL01

Tot Ion: 98 Resp: 410175

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

250000

200000

150000

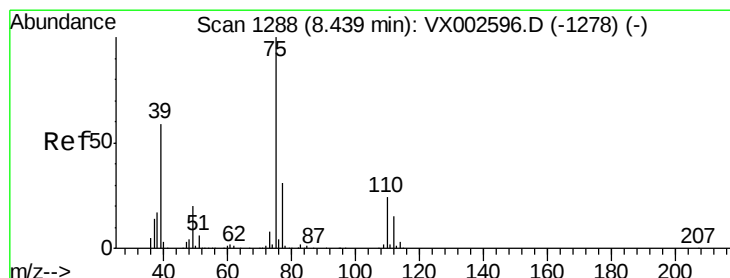
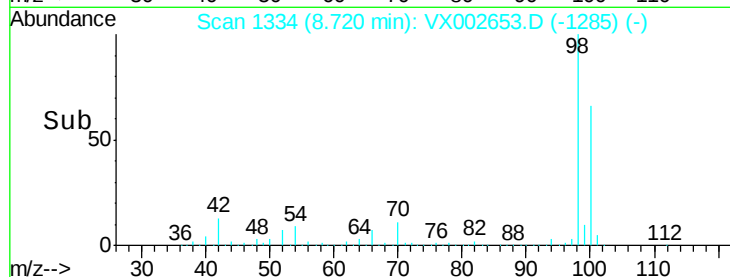
100000

50000

0

8.70 8.80

Time-->



#53

t-1,3-Dichloropropene

Concen: 2.483 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002653.D

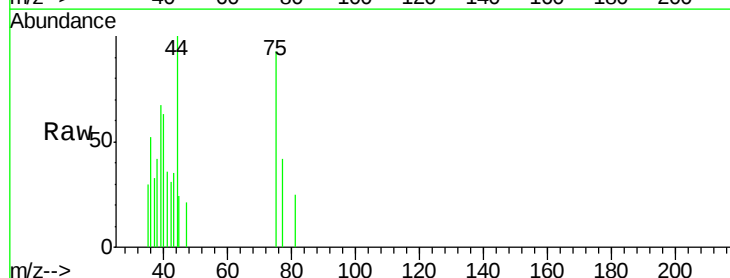
Acq: 16 Jun 2018 18:06

Tgt Ion: 75 Resp: 353

Ion Ratio Lower Upper

75 100

77 45.6 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

250

200

150

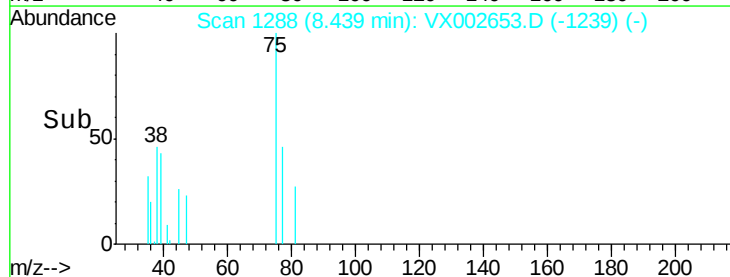
100

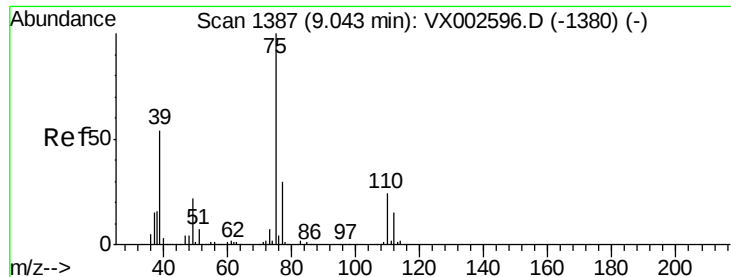
50

0

8.40 8.45

Time-->



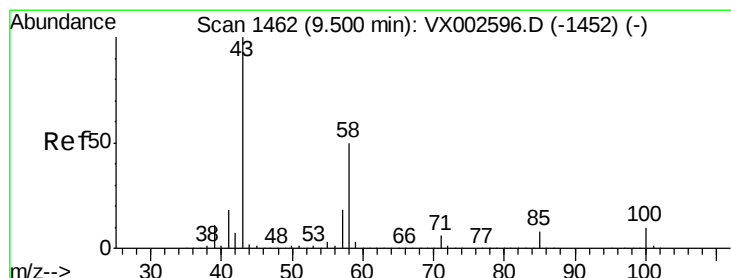
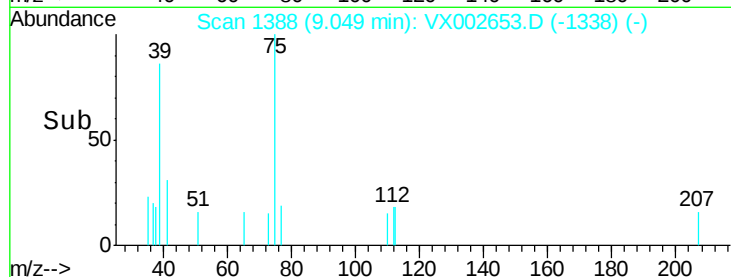
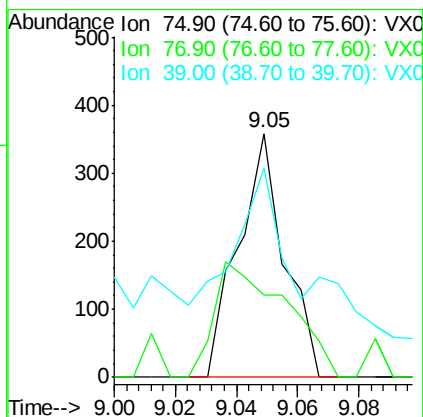
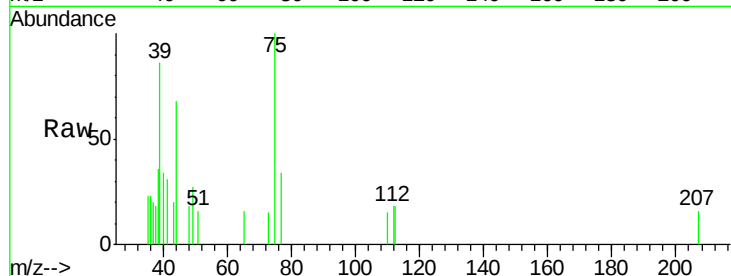


#54

cis-1,3-Dichloropropene
 Concen: 3.310 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBL01

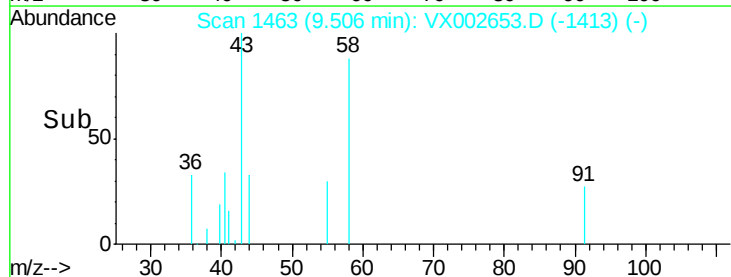
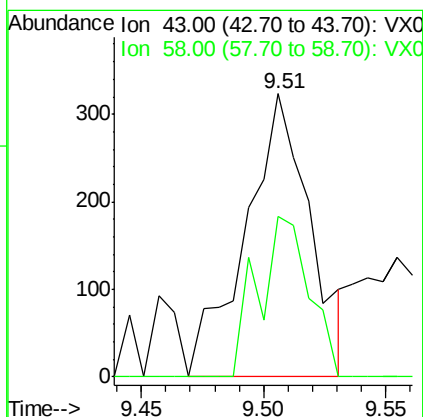
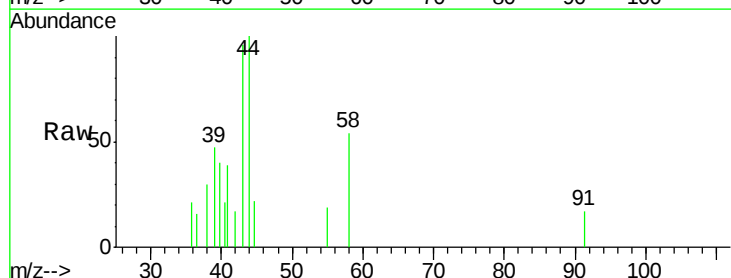
Tot Ion: 75 Resp: 373
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.8 37.2
 39 56.7 42.4 63.6

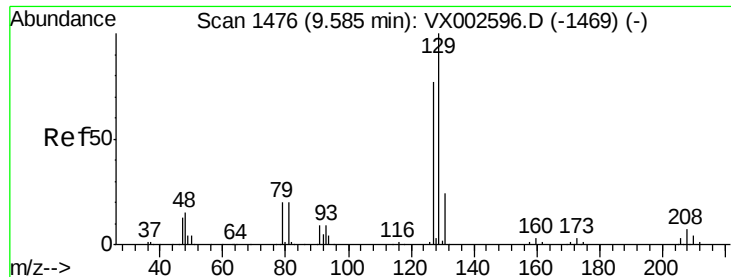


#59

2-Hexanone
 Concen: 0.214 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

Tgt Ion: 43 Resp: 593
 Ion Ratio Lower Upper
 43 100
 58 44.5 24.6 73.6

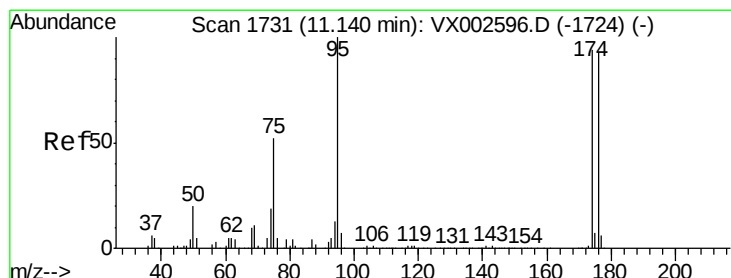
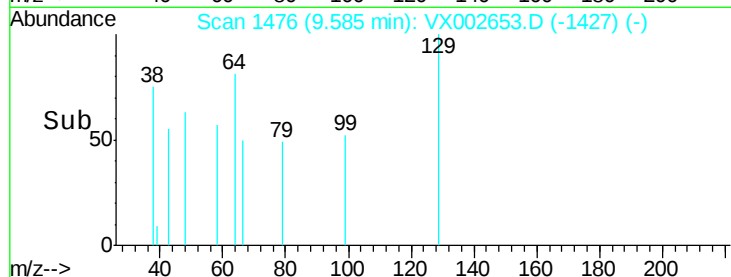
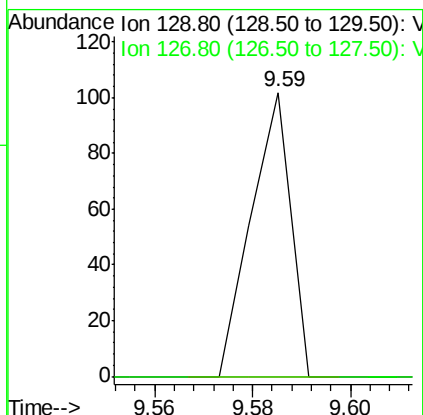
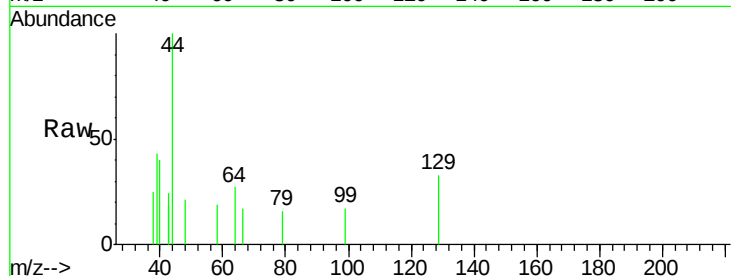




#60
Dibromochloromethane
Concen: 3.780 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

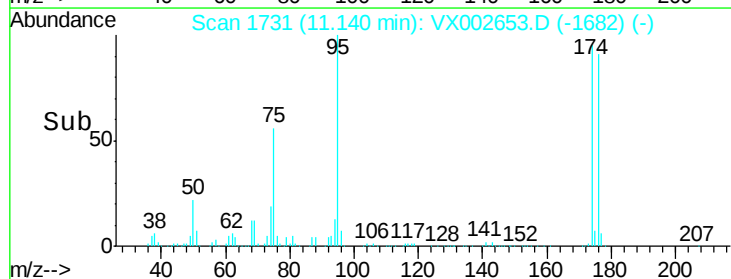
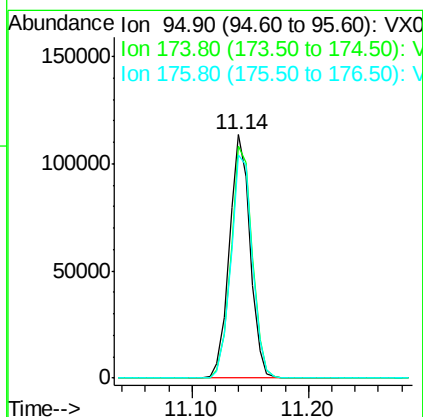
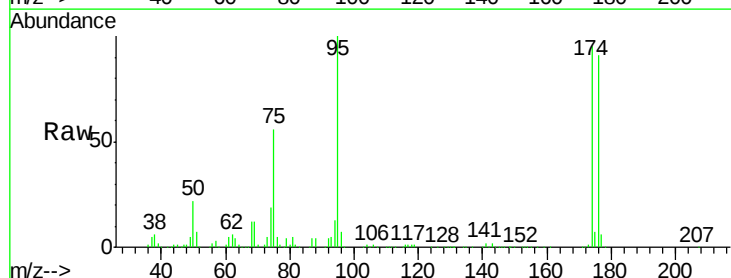
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBL01

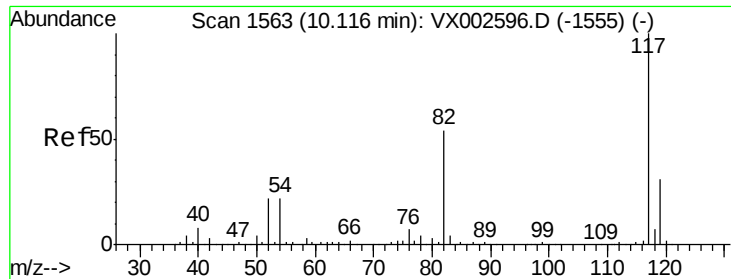
Tot Ion:129 Resp: 57
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 42.479 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion: 95 Resp: 140277
Ion Ratio Lower Upper
95 100
174 97.9 0.0 187.4
176 95.2 0.0 181.0

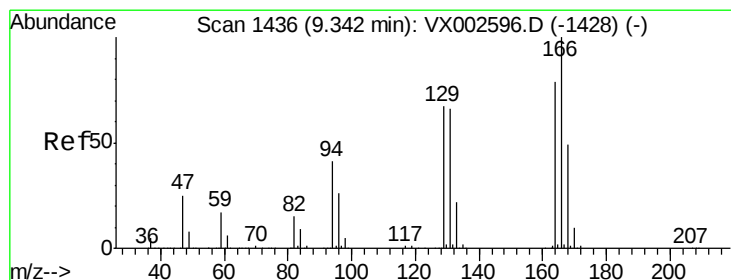
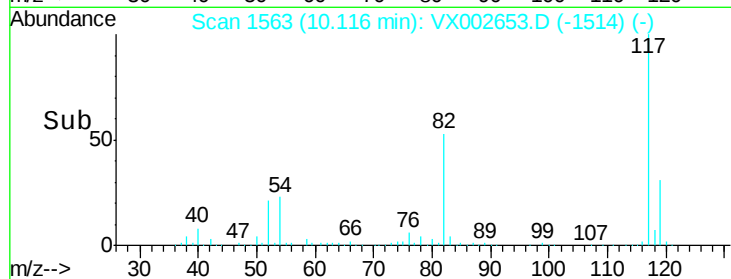
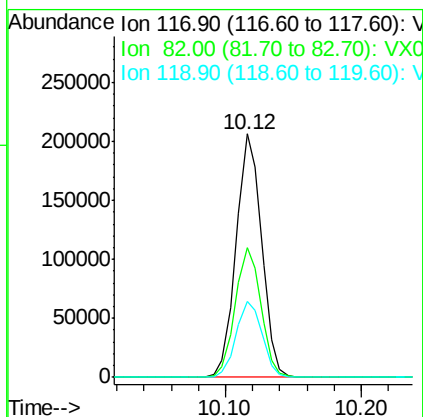
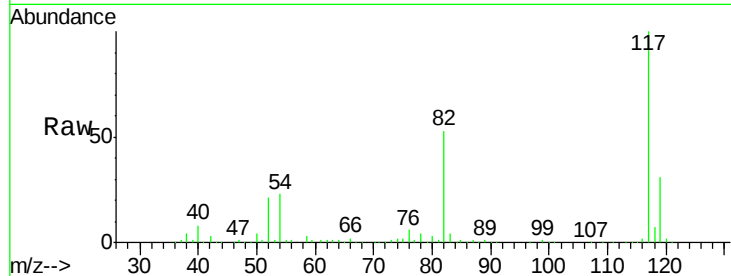




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

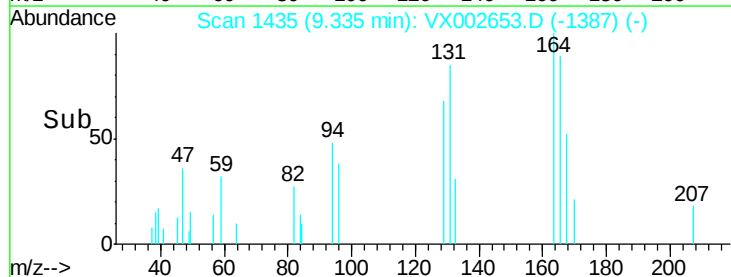
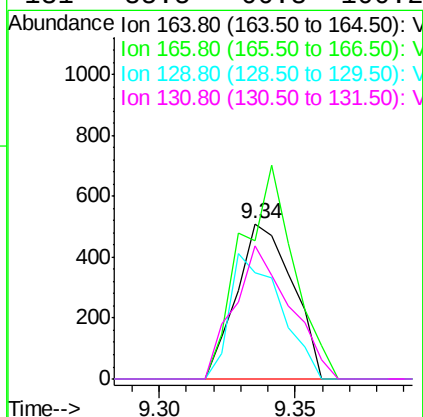
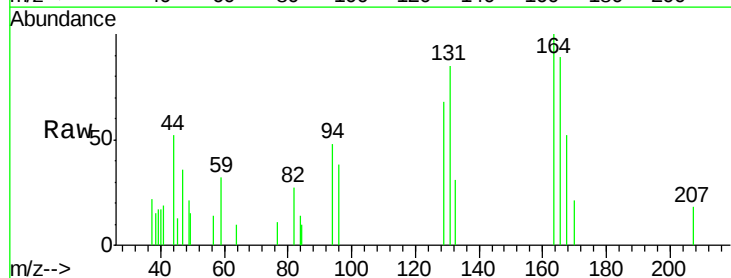
Instrument :
MSVOA_X
ClientSampled :
VX0616WBL01

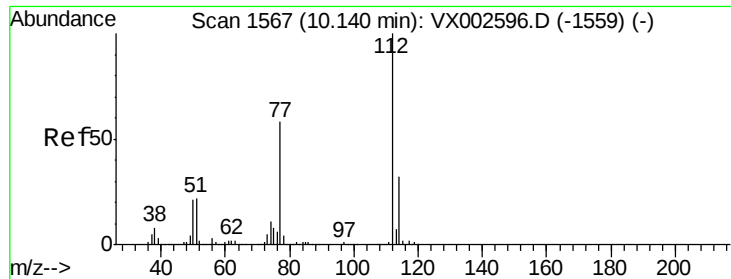
Tot Ion:117 Resp: 269671
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 0.242 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion:164 Resp: 724
Ion Ratio Lower Upper
164 100
166 89.0 102.9 154.3#
129 68.0 68.6 102.8#
131 85.5 66.8 100.2

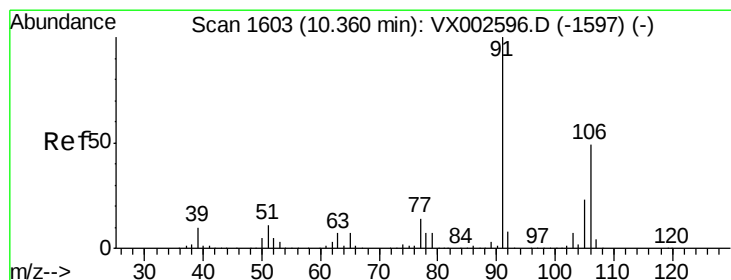
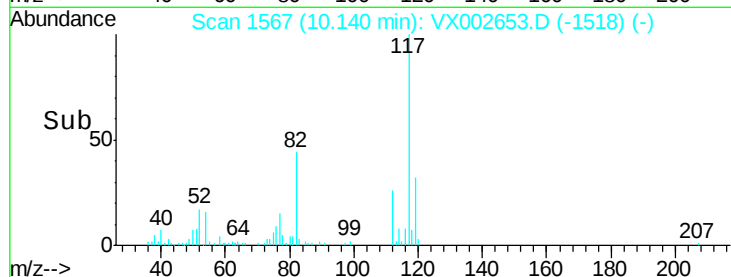
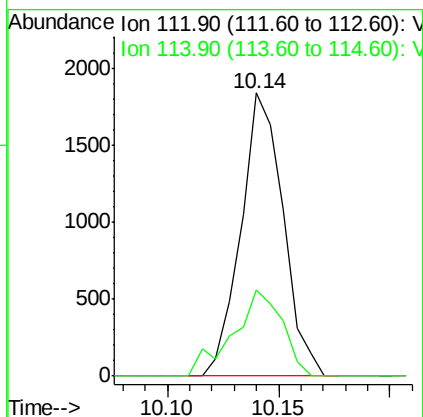
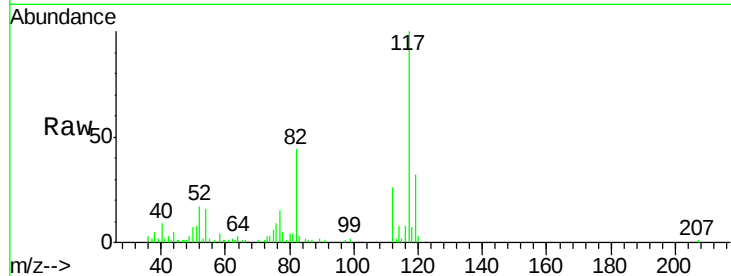




#65
Chlorobenzene
Concen: 0.368 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

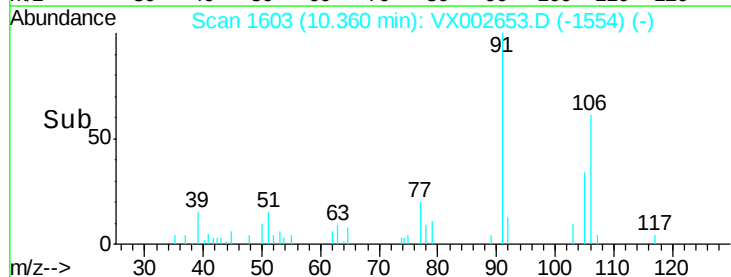
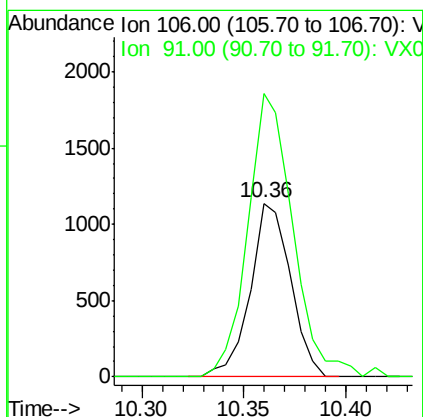
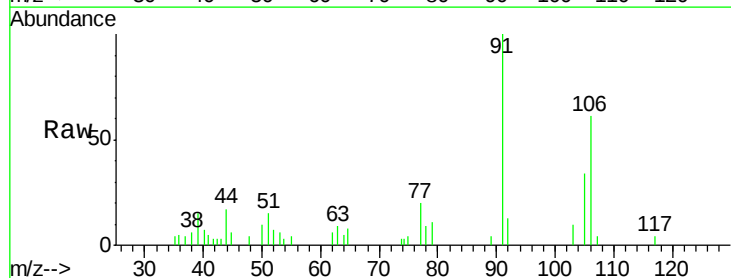
Instrument :
MSVOA_X
ClientSampleId :
VX0616WBL01

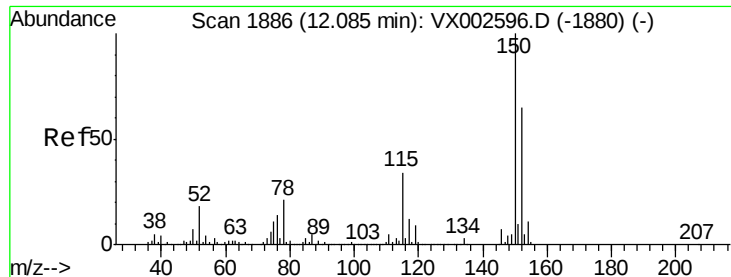
Tot Ion:112 Resp: 2439
Ion Ratio Lower Upper
112 100
114 30.5 25.3 37.9



#68
m/p-Xylenes
Concen: 0.363 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion:106 Resp: 1566
Ion Ratio Lower Upper
106 100
91 183.5 163.4 245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBL01

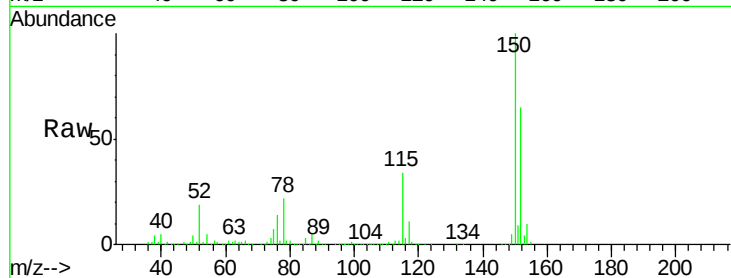
Tot Ion:152 Resp: 151486

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

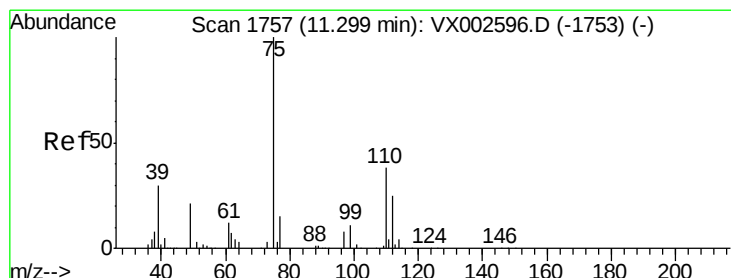
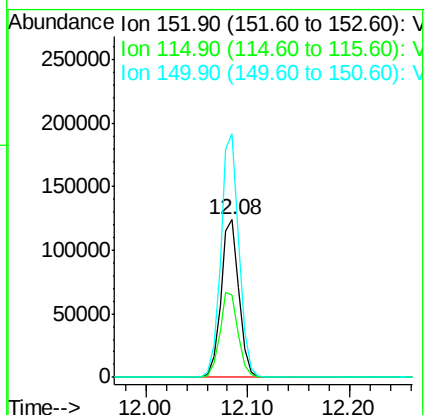
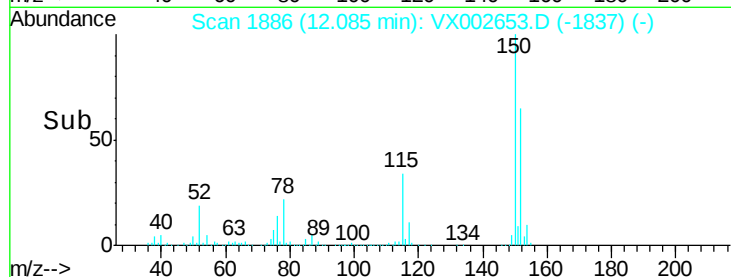
150 156.2 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 27.071 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002653.D

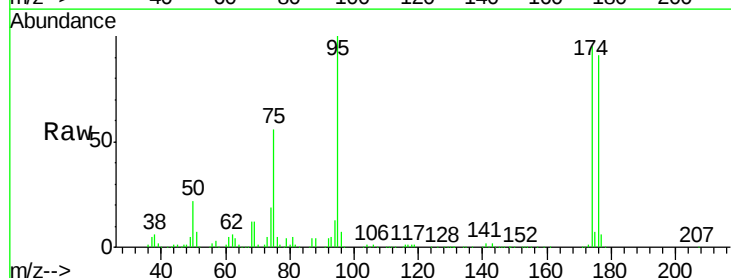
Acq: 16 Jun 2018 18:06

Tgt Ion: 75 Resp: 77384

Ion Ratio Lower Upper

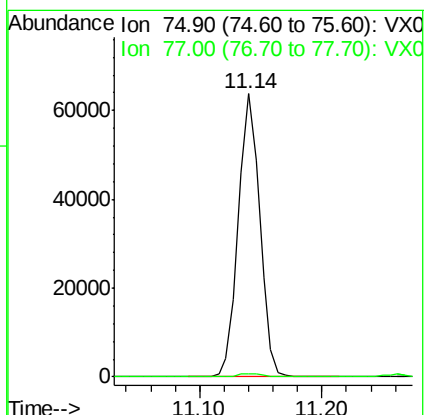
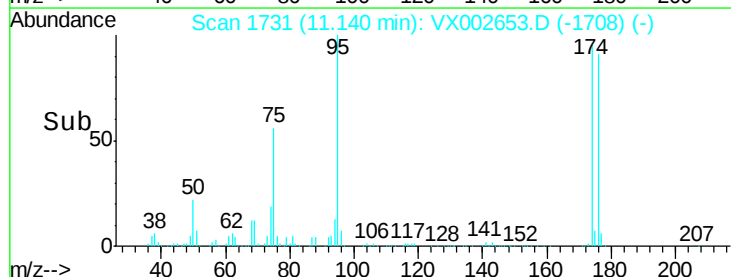
75 100

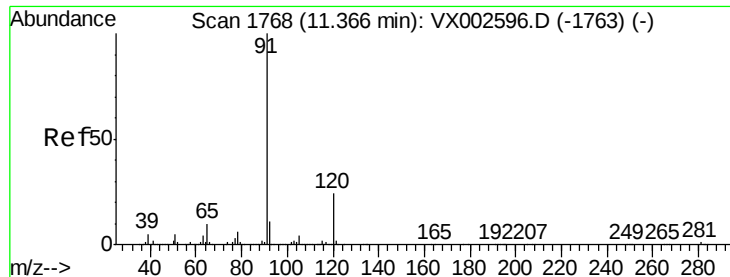
77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.248 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

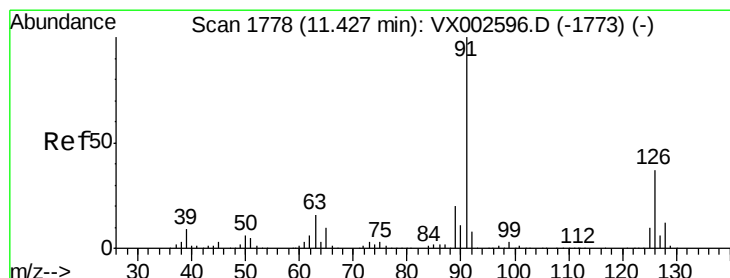
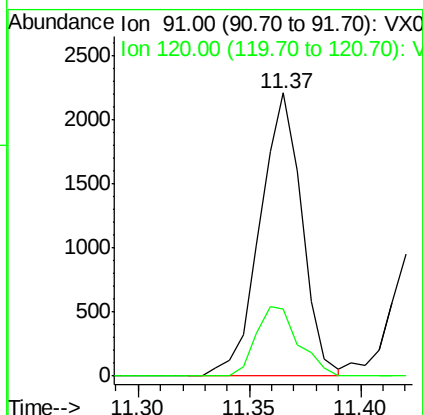
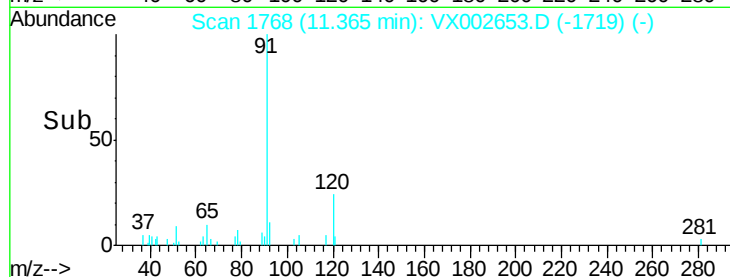
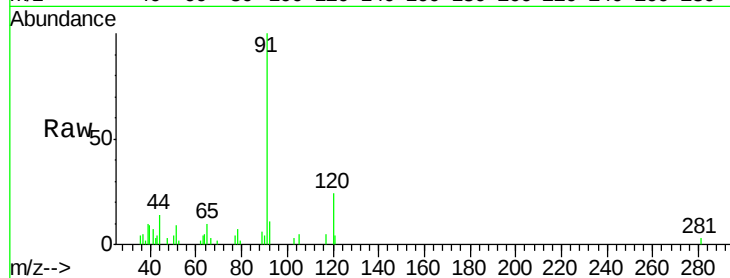
VX0616WBL01

Tot Ion: 91 Resp: 2882

Ion Ratio Lower Upper

91 100

120 25.1 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.226 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002653.D

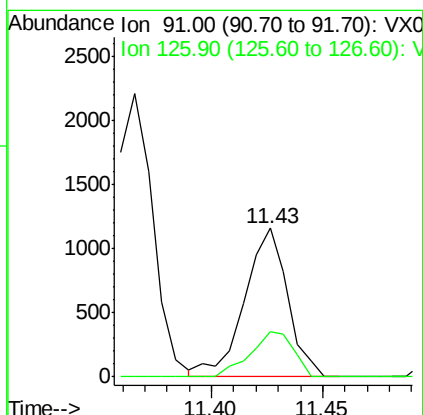
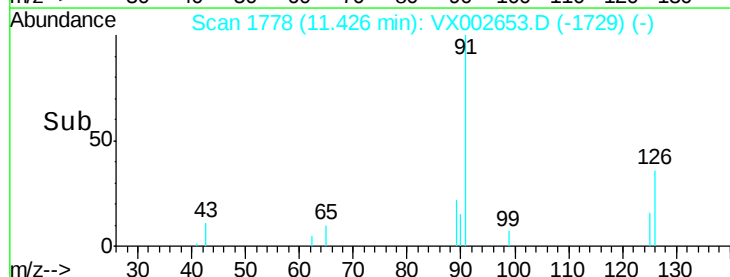
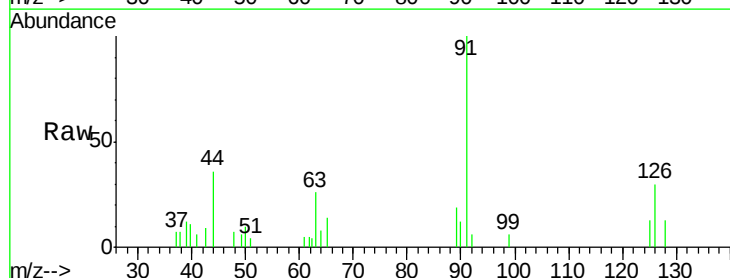
Acq: 16 Jun 2018 18:06

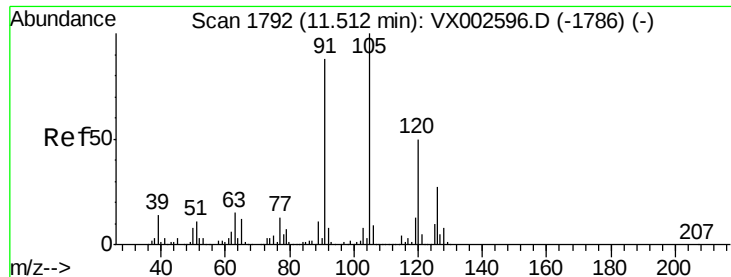
Tgt Ion: 91 Resp: 1569

Ion Ratio Lower Upper

91 100

126 30.3 17.7 53.1





#80

1,3,5-Trimethylbenzene

Concen: 0.205 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

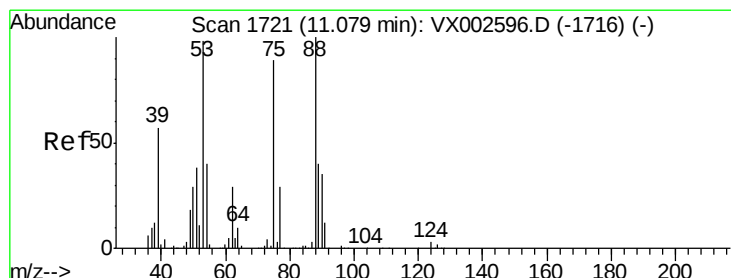
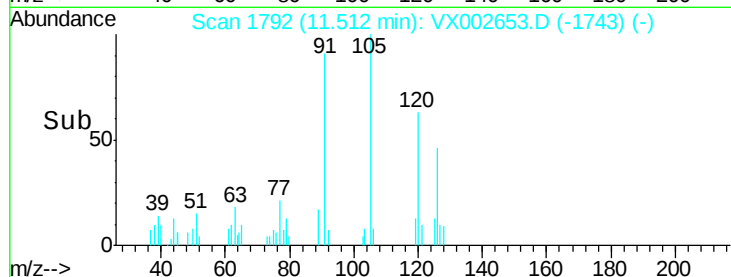
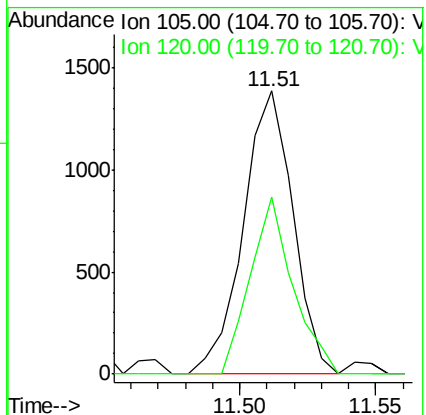
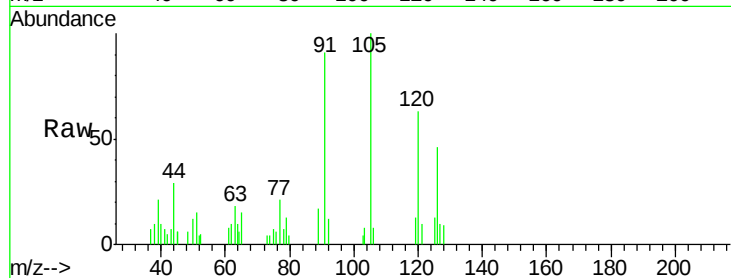
VX0616WBL01

Tot Ion:105 Resp: 1756

Ion Ratio Lower Upper

105 100

120 53.9 24.4 73.4



#81

trans-1,4-Dichloro-2-butene

Concen: 83.558 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

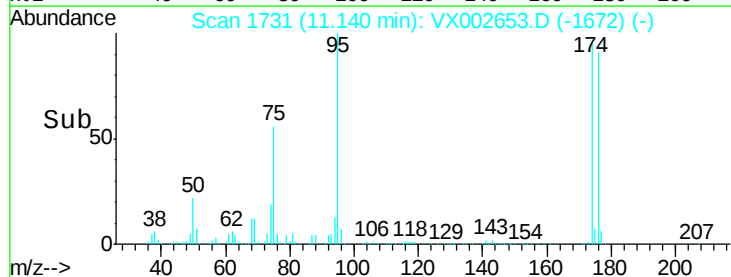
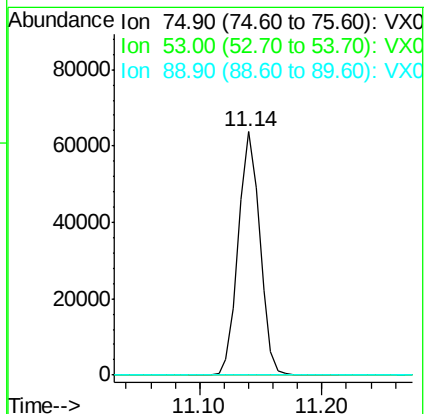
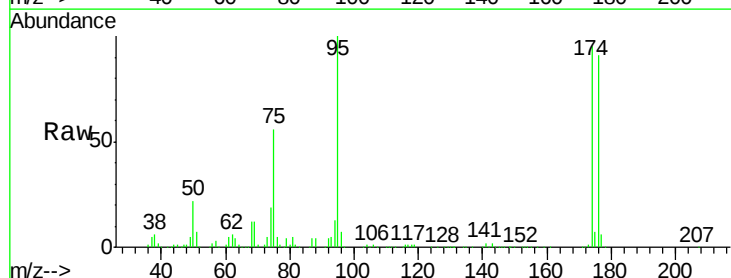
Tgt Ion: 75 Resp: 77384

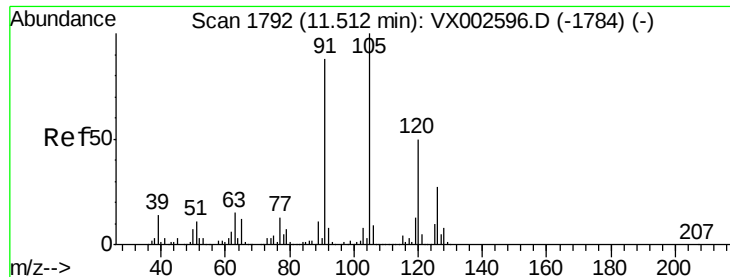
Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 0.263 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

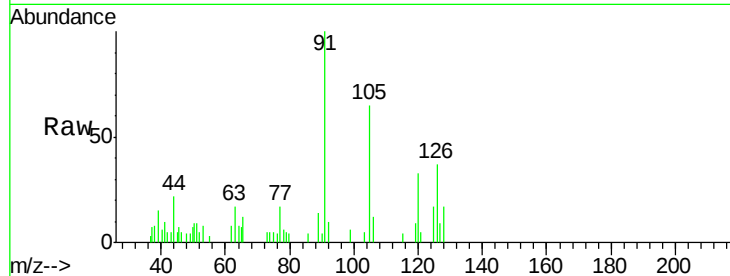
VX0616WBL01

Tot Ion: 91 Resp: 2150

Ion Ratio Lower Upper

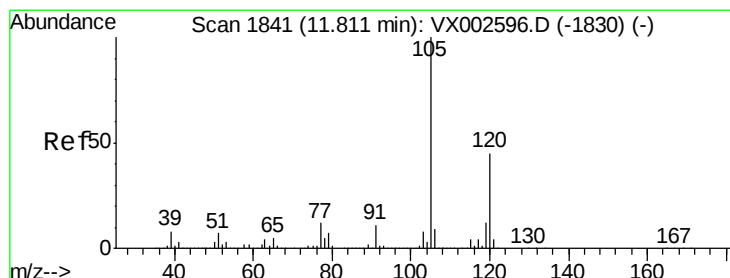
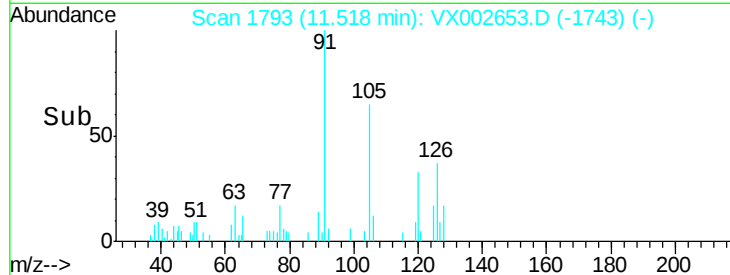
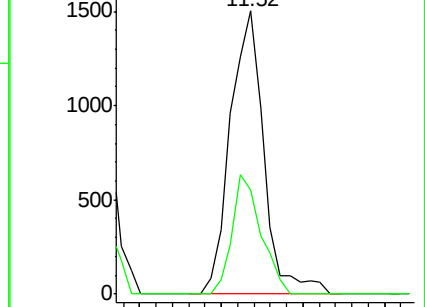
91 100

126 36.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1784) (-)

Ion 125.90 (125.60 to 126.60): VX002596.D (-1784) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.220 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002653.D

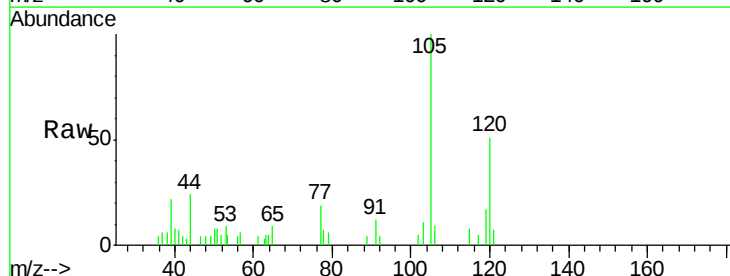
Acq: 16 Jun 2018 18:06

Tgt Ion: 105 Resp: 1918

Ion Ratio Lower Upper

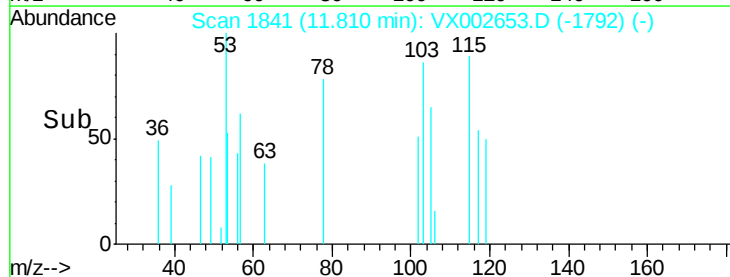
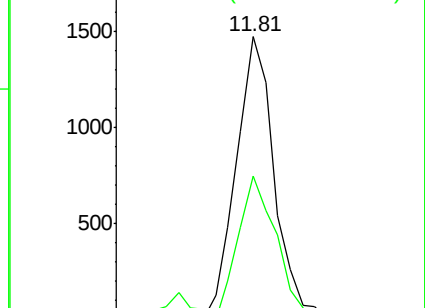
105 100

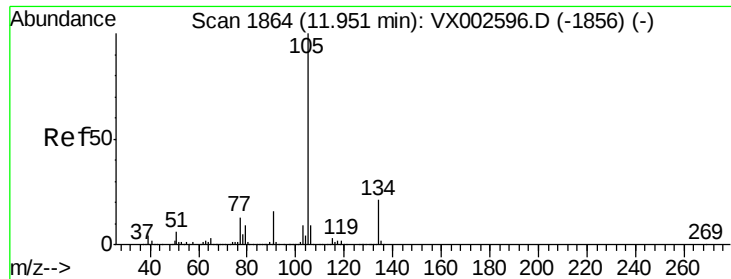
120 50.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): VX002596.D (-1830) (-)

Ion 120.00 (119.70 to 120.70): VX002596.D (-1830) (-)





#85

sec-Butylbenzene

Concen: 0.226 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampled :

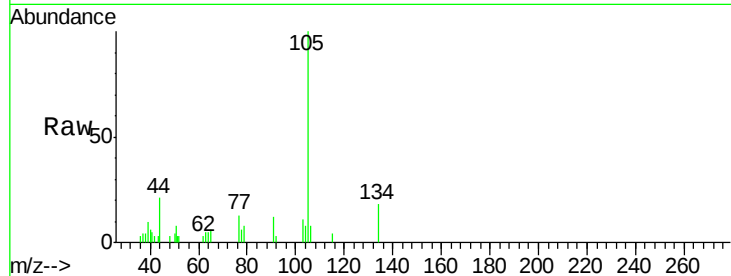
VX0616WBL01

Tot Ion:105 Resp: 2322

Ion Ratio Lower Upper

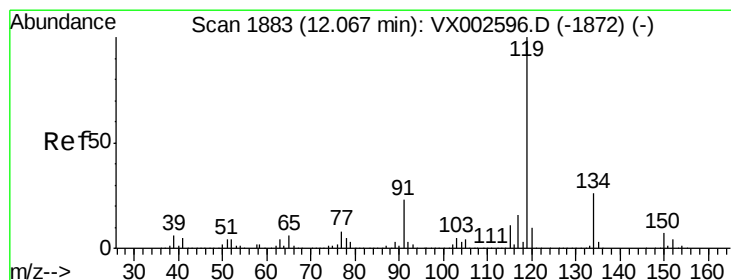
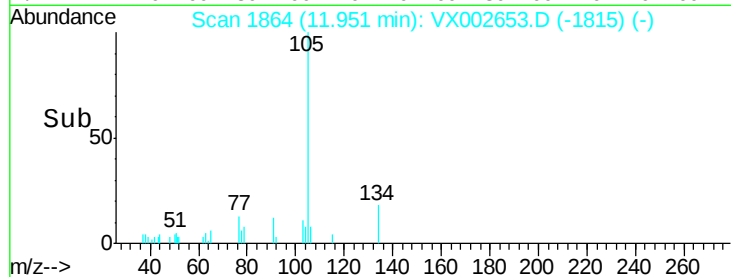
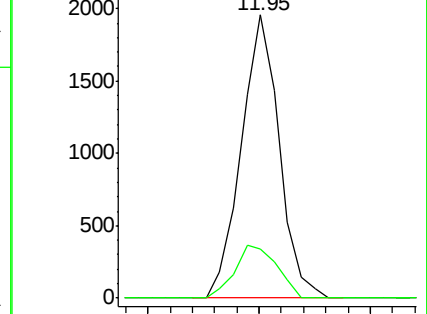
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.239 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

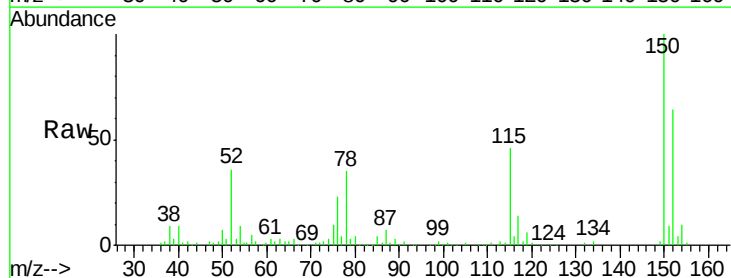
Tgt Ion:119 Resp: 2216

Ion Ratio Lower Upper

119 100

134 35.4 13.4 40.1

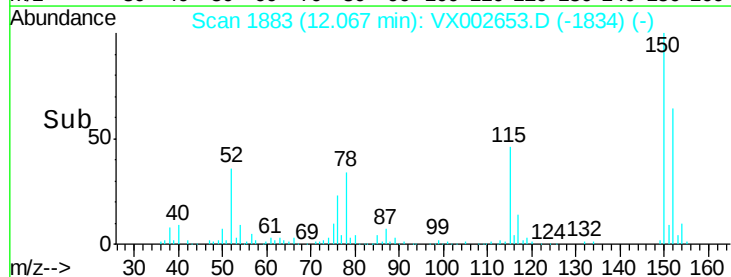
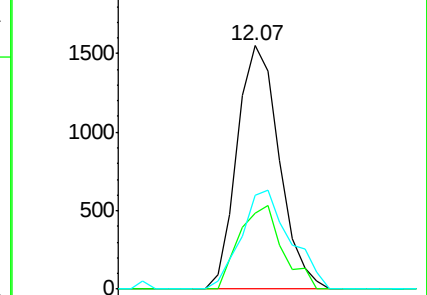
91 47.7 11.9 35.7#

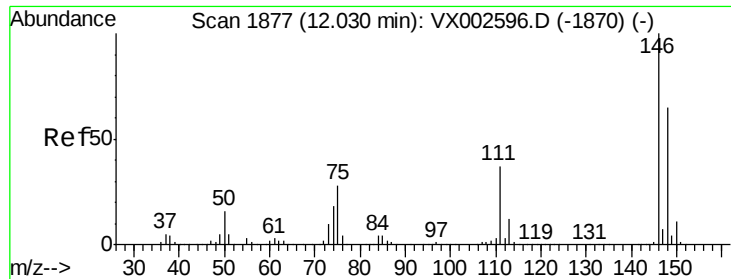


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

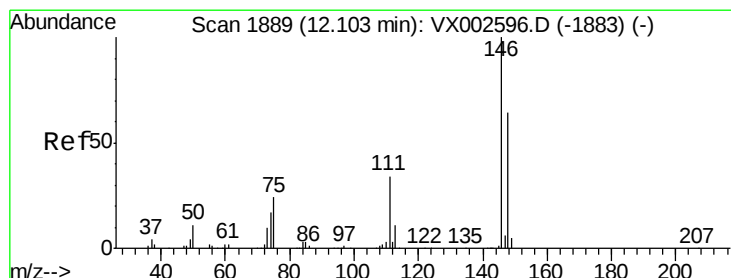
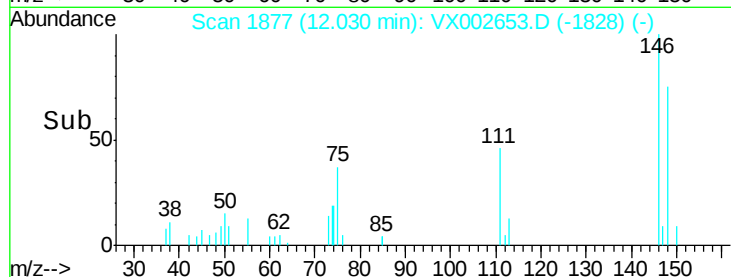
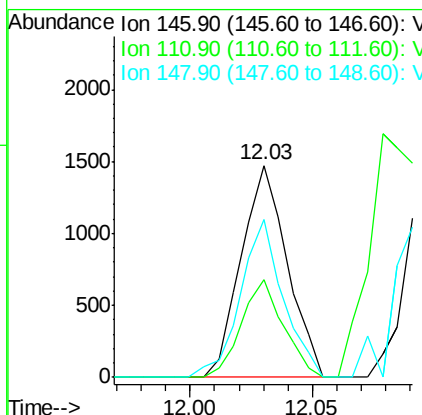
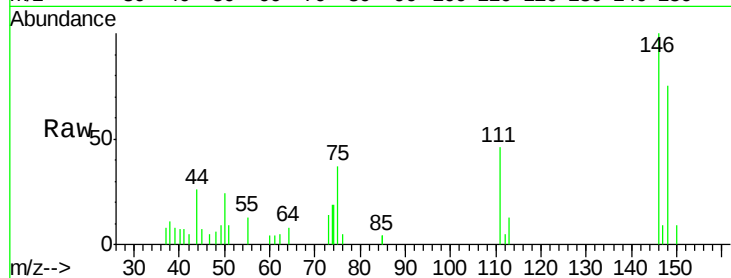




#87
 1,3-Dichlorobenzene
 Concen: 0.372 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

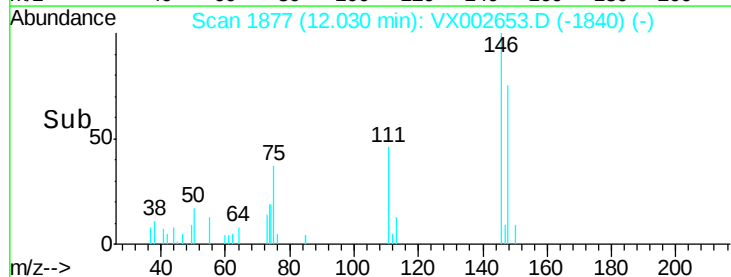
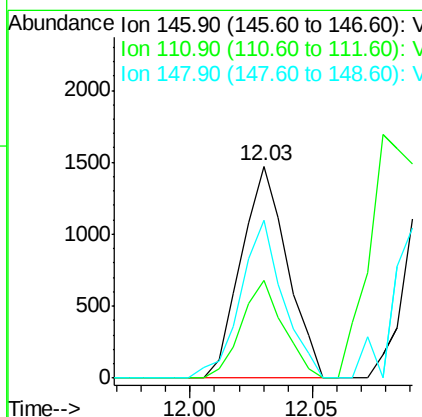
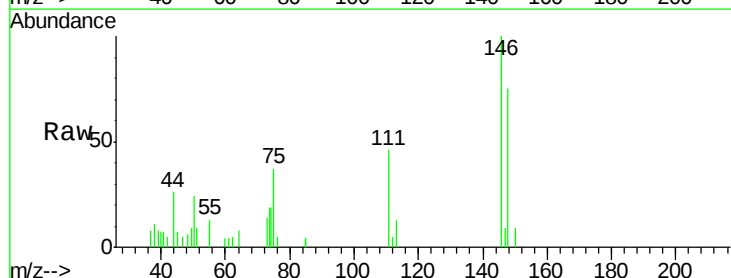
Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBL01

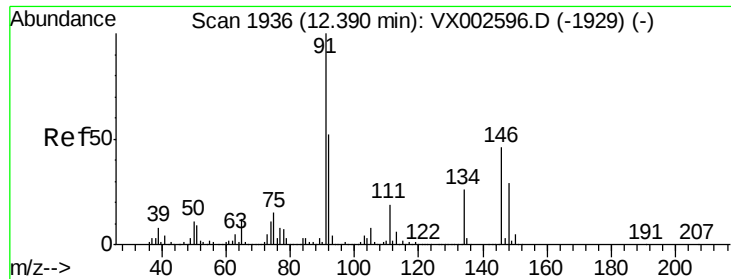
Tot Ion:146 Resp: 1927
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.9 56.7
 148 69.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.366 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

Tgt Ion:146 Resp: 1927
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.7 56.1
 148 69.1 32.4 97.0

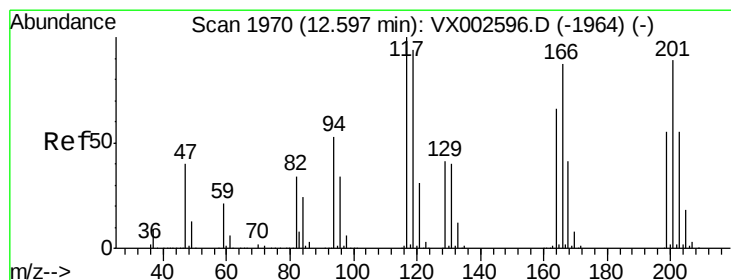
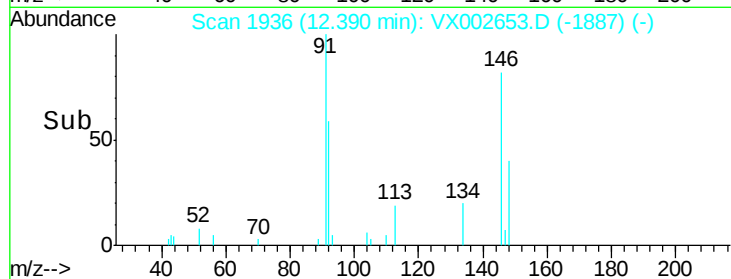
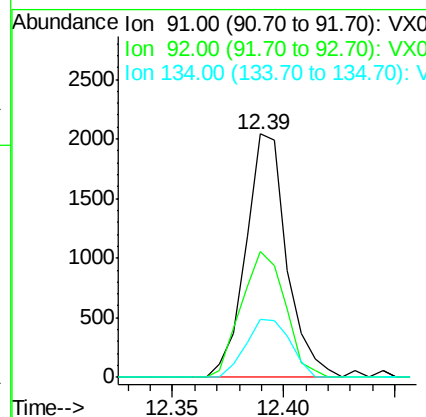
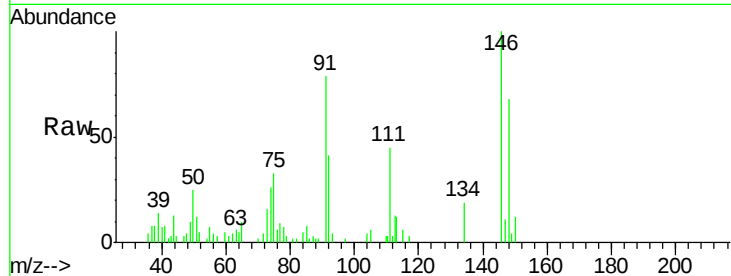




#89
n-Butylbenzene
Concen: 0.321 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

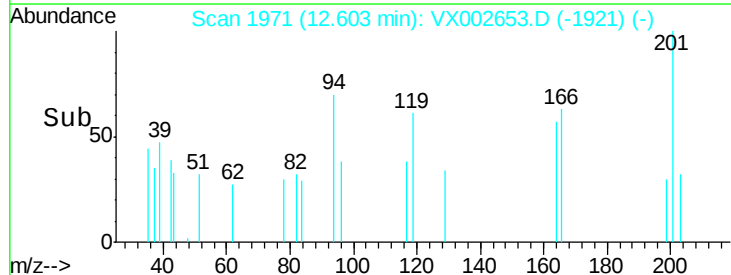
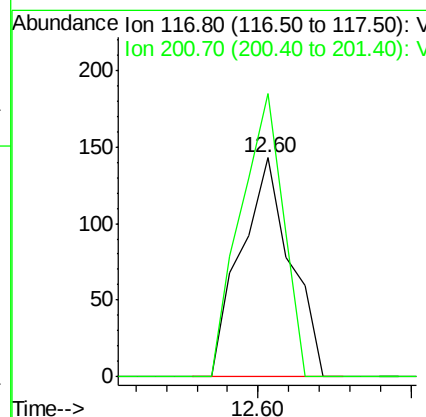
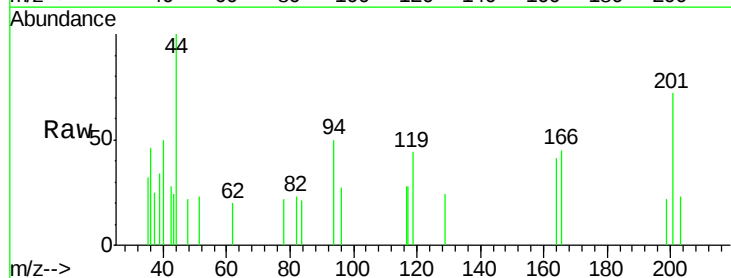
Instrument :
MSVOA_X
ClientSampled :
VX0616WBL01

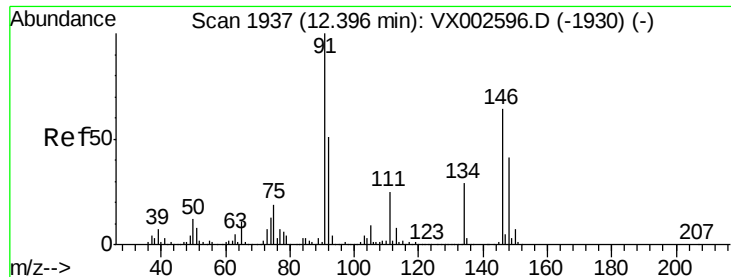
Tot Ion: 91 Resp: 2628
Ion Ratio Lower Upper
91 100
92 55.5 26.0 78.0
134 25.6 13.5 40.5



#90
Hexachloroethane
Concen: 2.730 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion: 117 Resp: 161
Ion Ratio Lower Upper
117 100
201 111.2 49.0 147.0

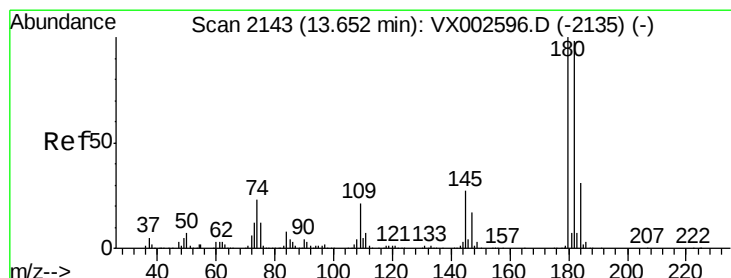
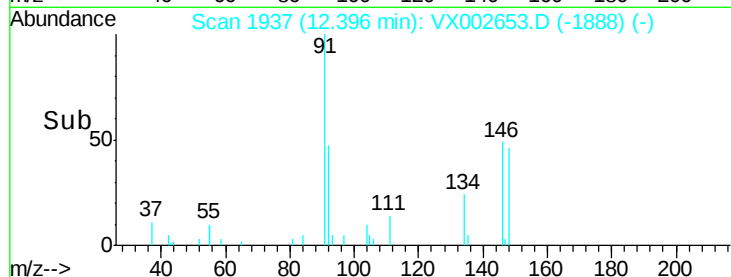
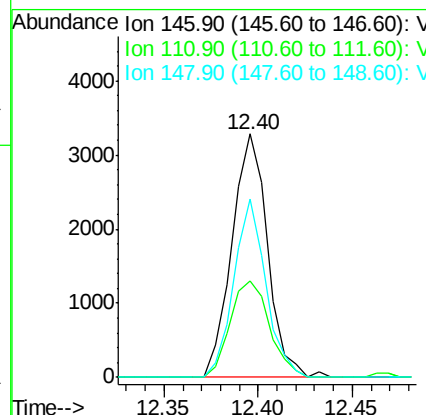
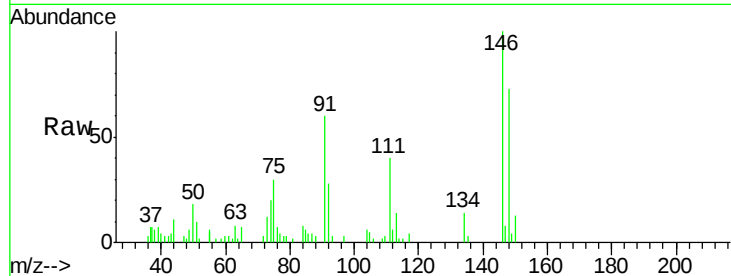




#91
 1,2-Dichlorobenzene
 Concen: 0.826 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

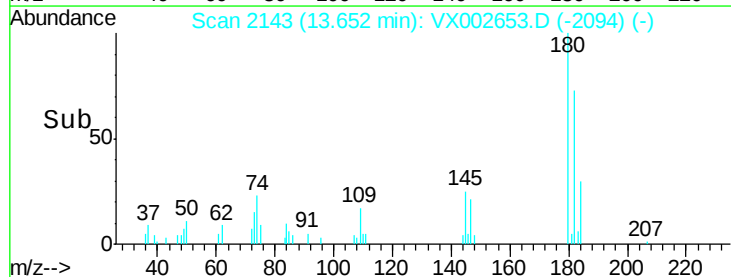
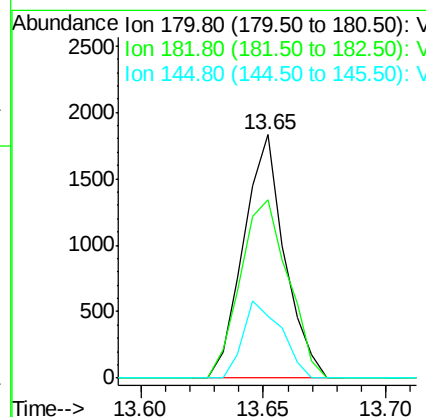
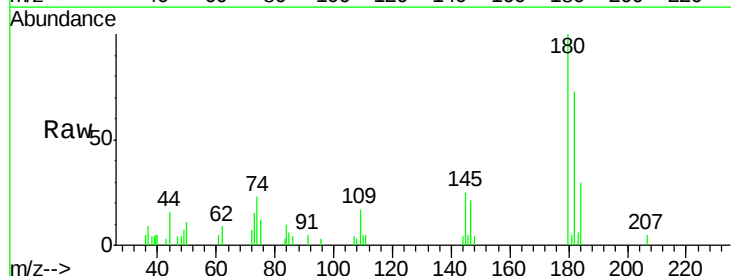
Instrument :
 MSVOA_X
 ClientSampled :
 VX0616WBL01

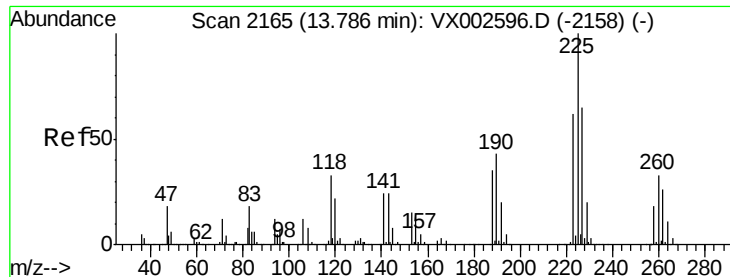
Tot Ion:146 Resp: 4304
 Ion Ratio Lower Upper
 146 100
 111 43.6 19.4 58.1
 148 65.8 31.7 95.1



#93
 1,2,4-Trichlorobenzene
 Concen: 0.566 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

Tgt Ion:180 Resp: 2141
 Ion Ratio Lower Upper
 180 100
 182 85.4 47.7 143.1
 145 29.5 14.1 42.4





#94

Hexachlorobutadiene

Concen: 0.481 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampled :

VX0616WBL01

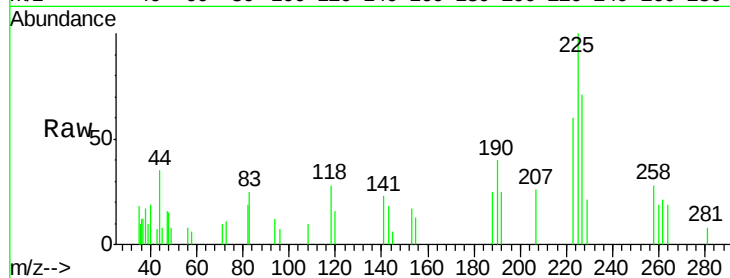
Tot Ion:225 Resp: 959

Ion Ratio Lower Upper

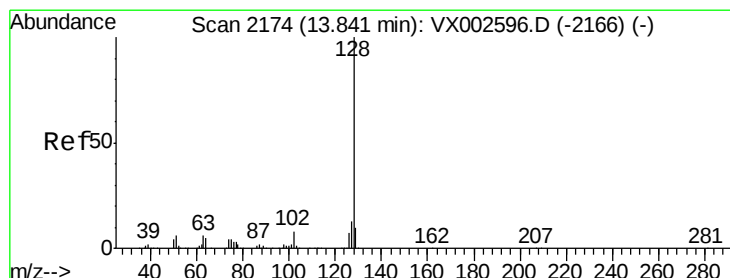
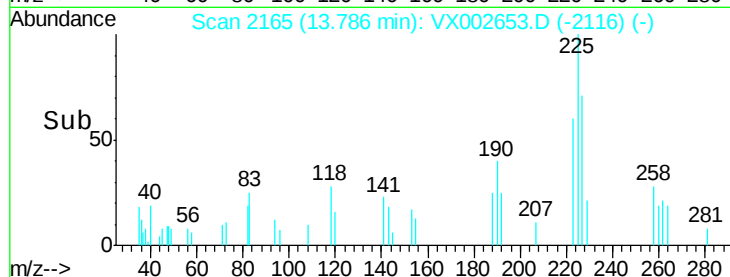
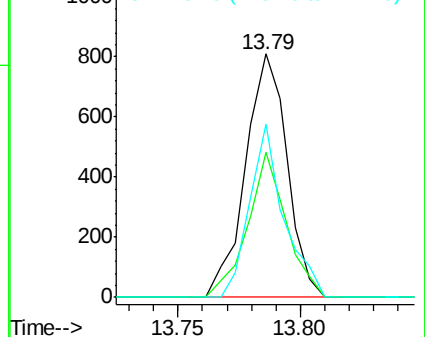
225 100

223 55.5 31.6 95.0

227 58.9 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.363 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

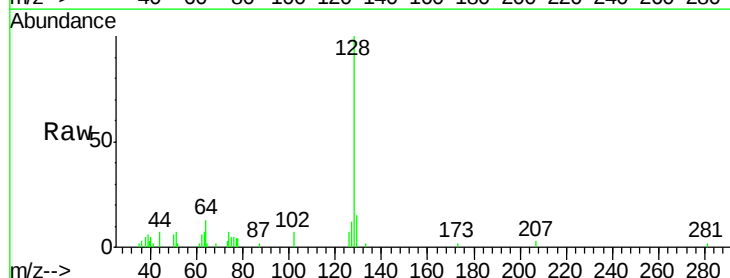
Tgt Ion:128 Resp: 3694

Ion Ratio Lower Upper

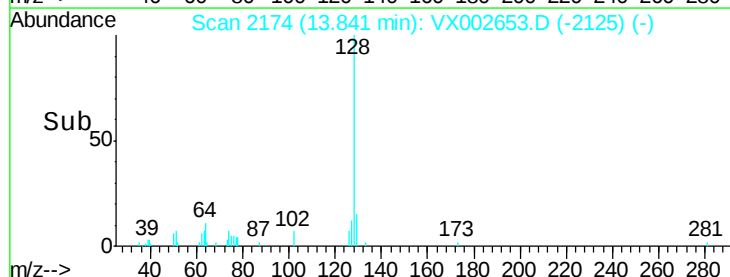
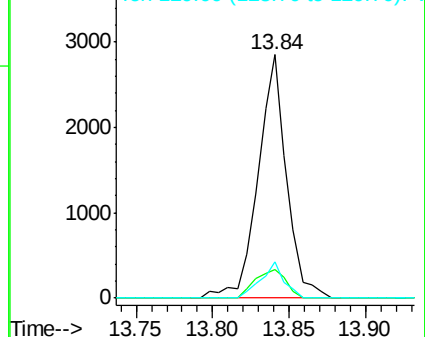
128 100

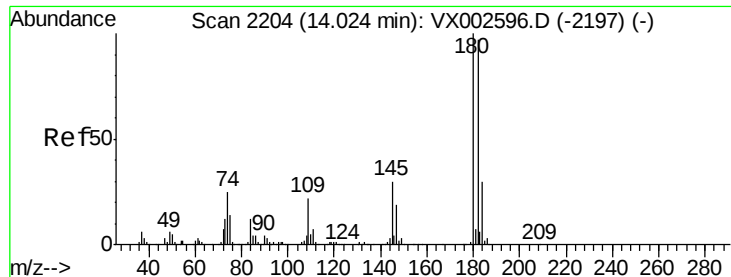
127 12.8 10.4 15.6

129 12.4 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

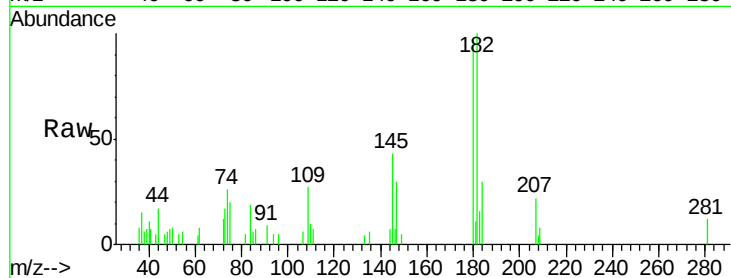




#96
 1,2,3-Trichlorobenzene
 Concen: 0.465 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002653.D
 Acq: 16 Jun 2018 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	35.6	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

