

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003084.D
 Acq On : 30 Jun 2018 17:36
 Operator : JC/MD
 Sample : J3716-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037

Quant Time: Jul 02 02:43:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	388861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181888	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	5.51	113	148630	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	8.72	98	548988	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	11.14	95	202711	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	893	Below Cal	#	88
5) Bromomethane	1.67	94	1698	Below Cal		99
6) Chloroethane	1.67	64	375	Below Cal	#	43
10) Methyl Iodide	2.53	142	1761	6.71	ug/l	97
11) Tert butyl alcohol	3.03	59	1469	1.88	ug/l #	73
13) Acrolein	2.31	56	94	4.44	ug/l #	68
14) Allyl chloride	2.63	41	1376	0.25	ug/l #	77
15) Acrylonitrile	3.17	53	1254	0.75	ug/l #	63
16) Acetone	2.45	43	3442	2.12	ug/l	96
18) Methyl Acetate	2.84	43	31460	6.93	ug/l #	55
20) Methylene Chloride	2.86	84	796	0.25	ug/l #	39
25) 2-Butanone	4.71	43	2089	0.87	ug/l #	81
31) Cyclohexane	5.58	56	88016	17.91	ug/l	96
36) 1,1-Dichloropropene	5.67	75	19394	4.55	ug/l #	51
38) Carbon Tetrachloride	5.67	117	25687	5.49	ug/l #	16
39) Methylcyclohexane	7.46	83	89073	17.93	ug/l	99
45) 1,2-Dichloropropane	7.47	63	1454	0.44	ug/l #	1
48) Methyl methacrylate	7.73	41	4607	1.16	ug/l #	51
67) Ethyl Benzene	10.26	91	219670	14.40	ug/l	99
68) m/p-Xylenes	10.36	106	491445	83.60	ug/l	98
69) o-Xylene	10.70	106	2660	0.46	ug/l	95
73) Isopropylbenzene	11.02	105	208923	14.11	ug/l	99
76) 1,2,3-Trichloropropane	11.44	75	7793	1.95	ug/l #	1
78) n-propylbenzene	11.37	91	209822	12.45	ug/l	100
79) 2-Chlorotoluene	11.44	91	109438	10.72	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	330144	26.47	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	103957	73.91	ug/l #	6
82) 4-Chlorotoluene	11.51	91	35194	2.91	ug/l #	44
83) tert-Butylbenzene	11.81	119	122985	10.00	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.81	105	959202	74.21	ug/l	98
85) sec-Butylbenzene	11.81	105	959202	64.31	ug/l #	56
86) p-Isopropyltoluene	12.07	119	15159	1.13	ug/l	95
89) n-Butylbenzene	12.38	91	12200	1.05	ug/l #	18
90) Hexachloroethane	12.59	117	2512	1.26	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

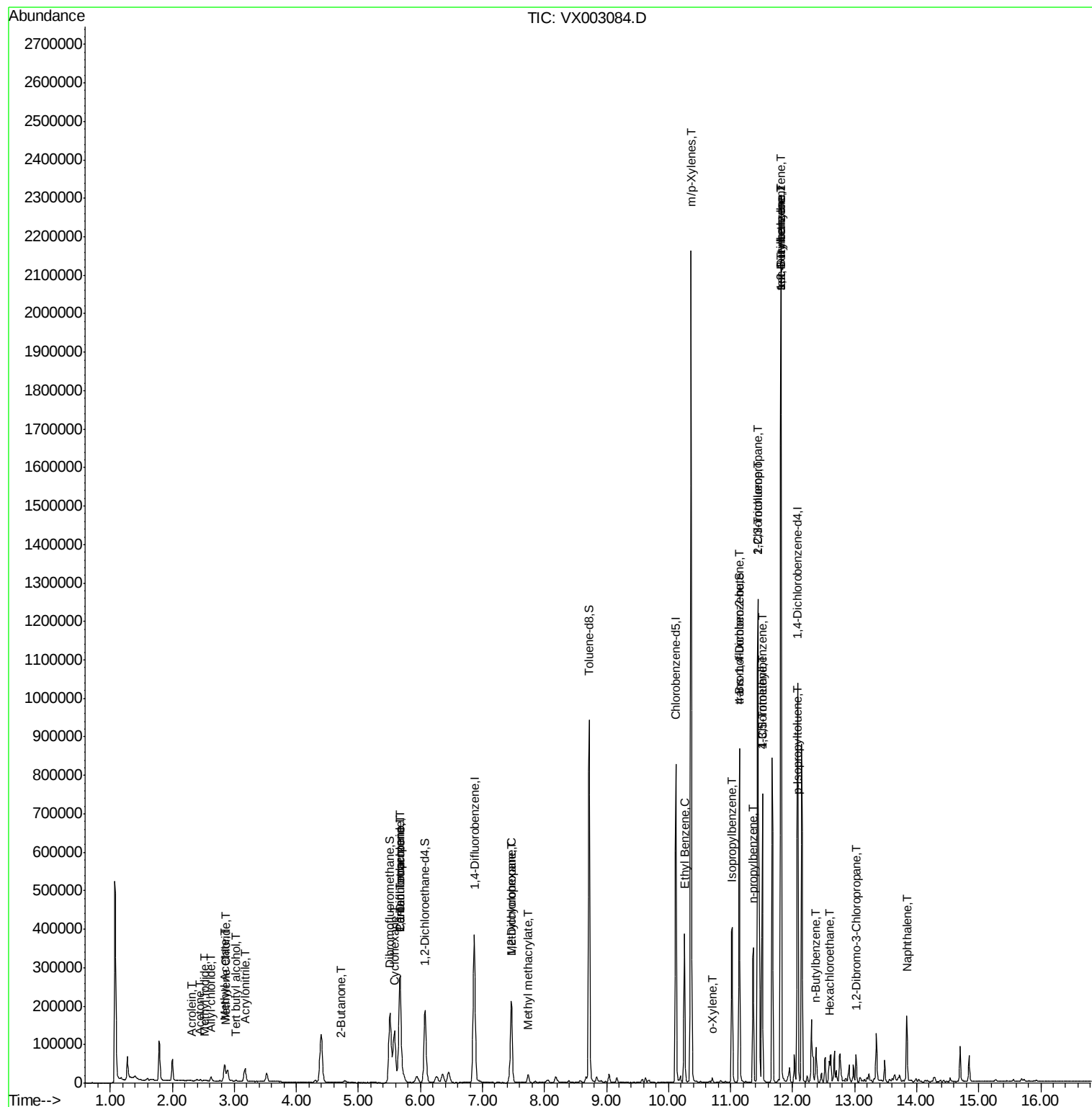
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.02	75	276	0.27	ug/l #	1
95) Naphthalene	13.84	128	109402	7.26	ug/l	99

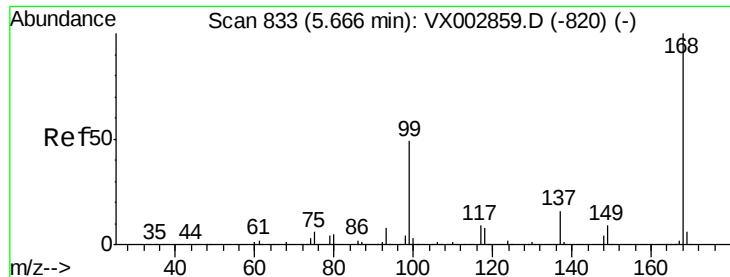
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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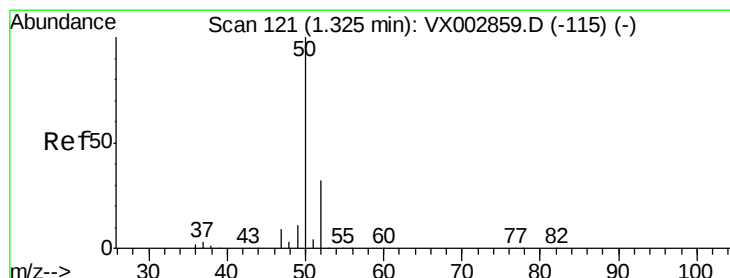
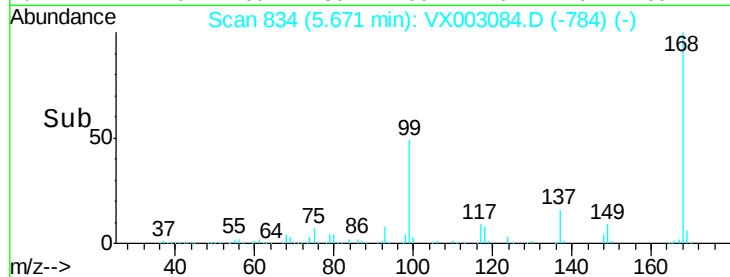
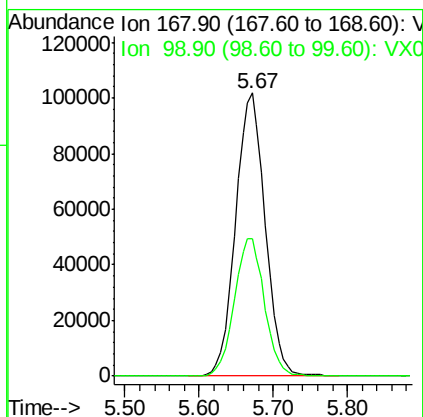
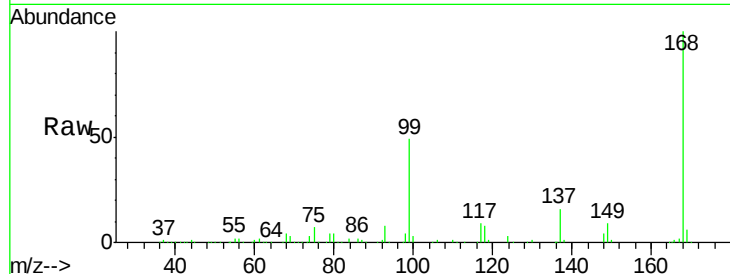




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

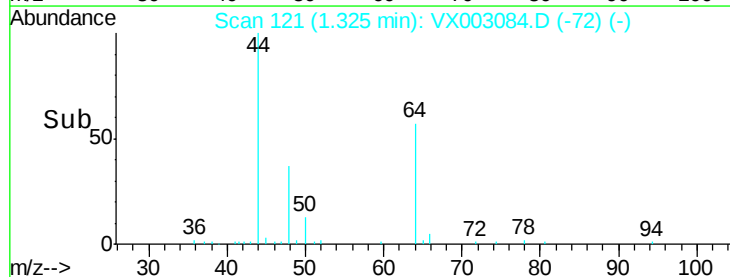
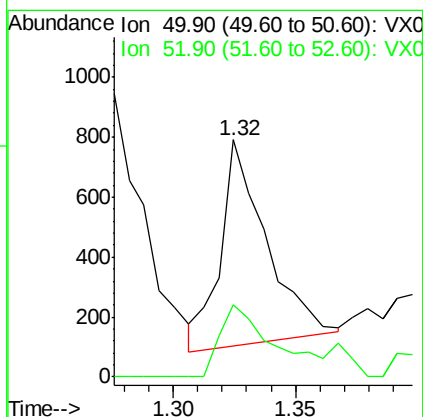
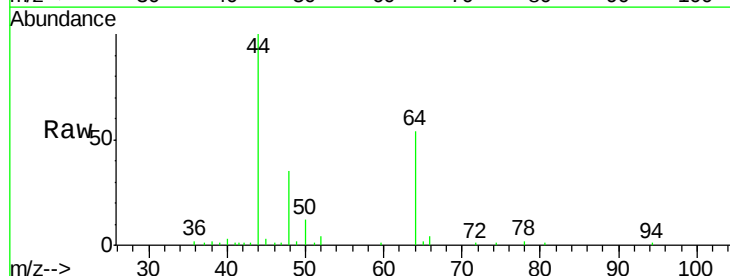
Instrument :
MSVOA_X
ClientSampleId :
S22-0037

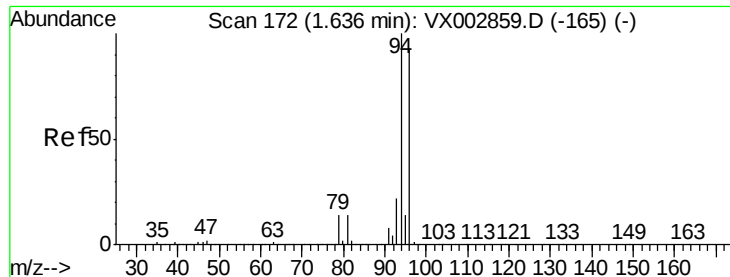
Tot Ion:168 Resp: 283579
Ion Ratio Lower Upper
168 100
99 48.5 39.3 58.9



#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion: 50 Resp: 893
Ion Ratio Lower Upper
50 100
52 38.6 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

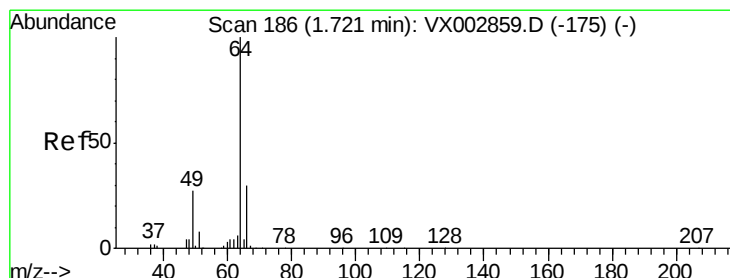
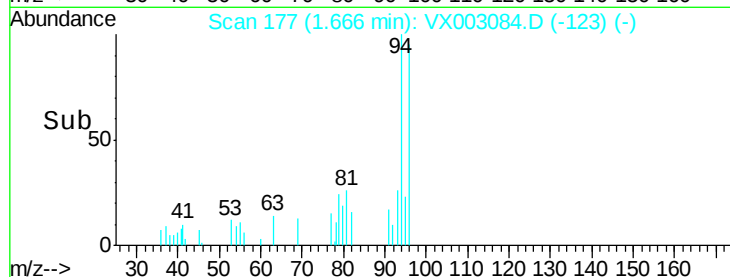
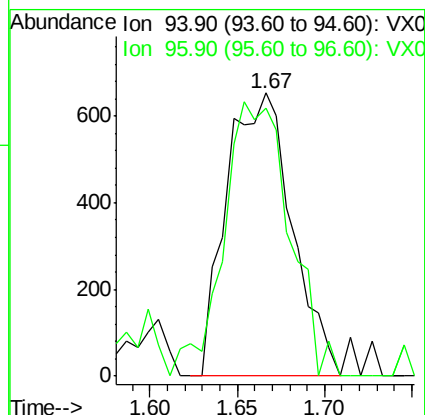
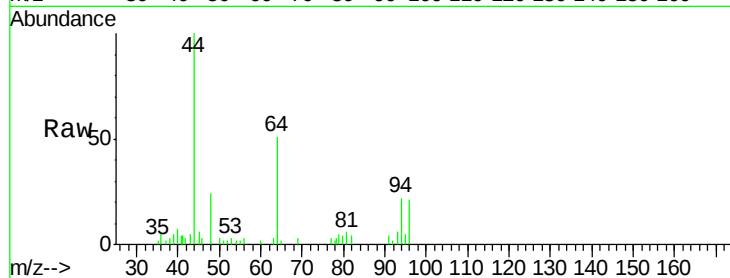
S22-0037

Tot Ion: 94 Resp: 1698

Ion Ratio Lower Upper

94 100

96 94.6 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. -0.05 min

Lab File: VX003084.D

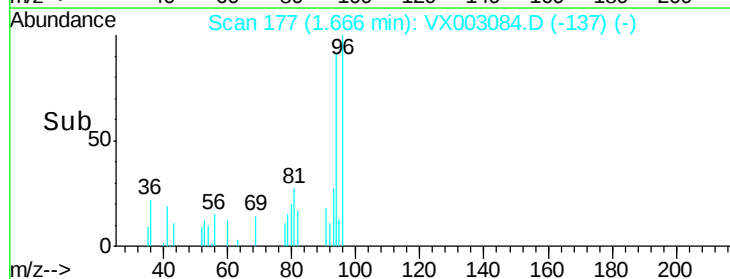
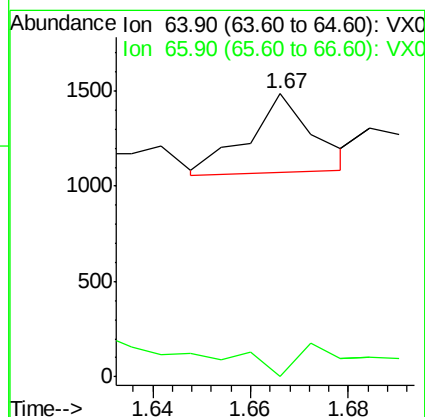
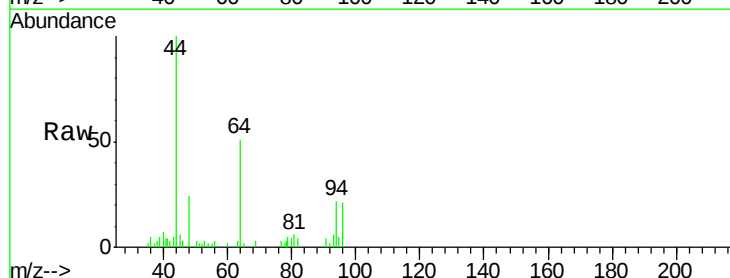
Acq: 30 Jun 2018 17:36

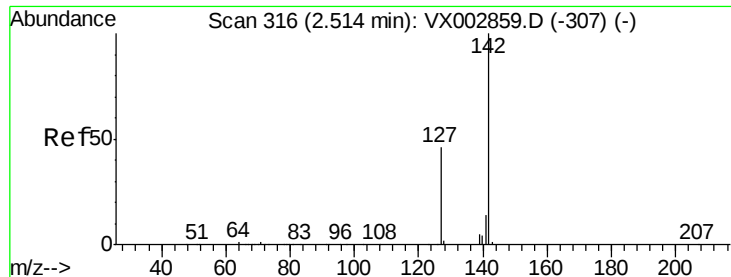
Tgt Ion: 64 Resp: 375

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#

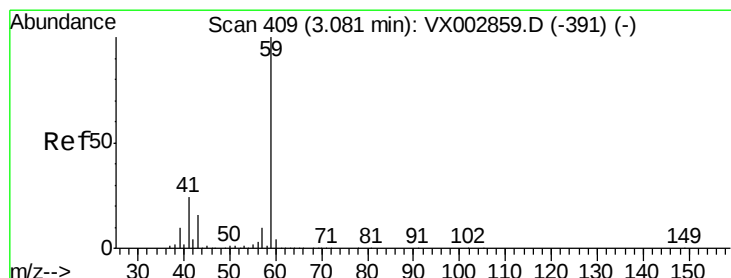
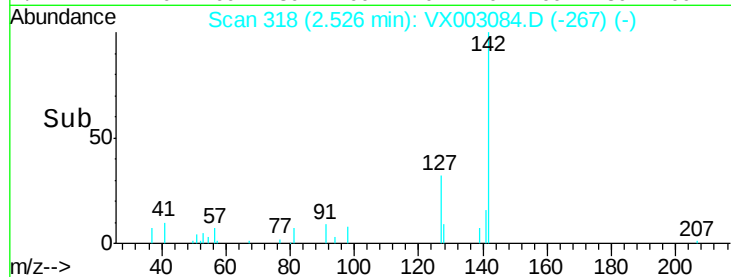
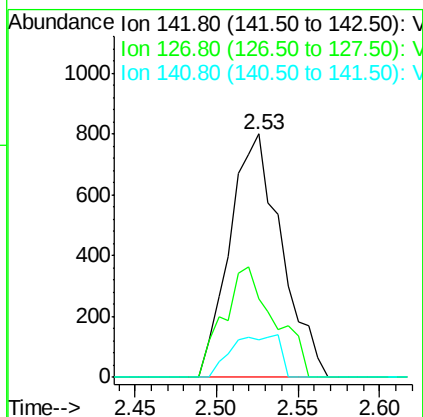
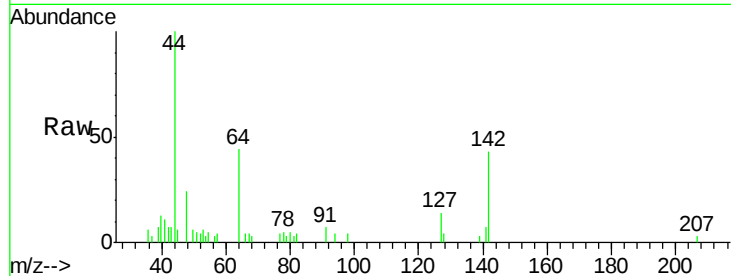




#10
Methyl Iodide
Concen: 6.71 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

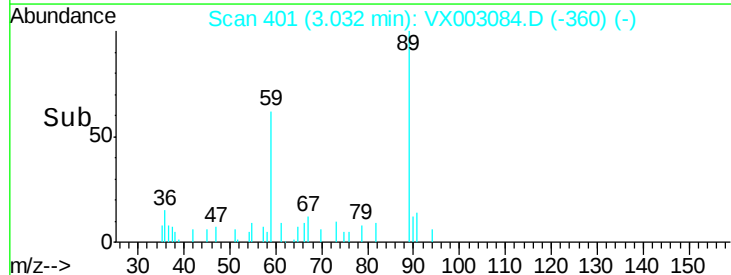
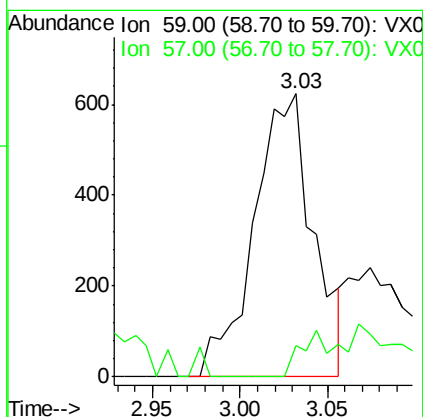
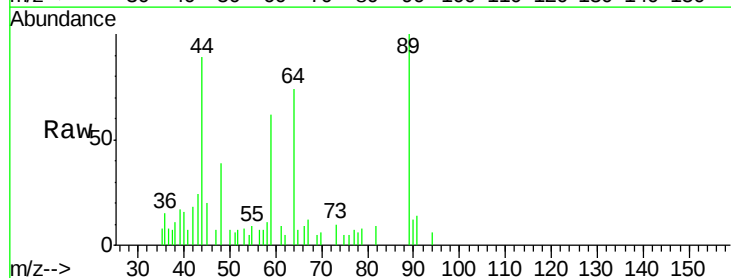
Instrument :
MSVOA_X
ClientSampled :
S22-0037

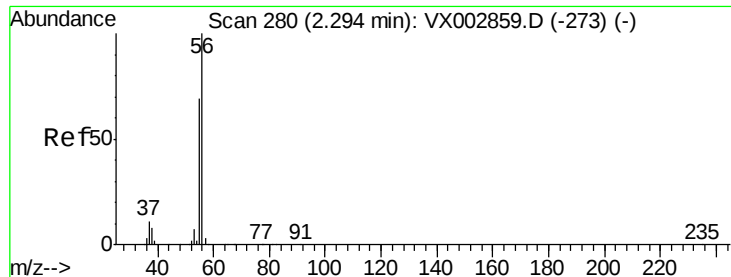
Tot Ion:142 Resp: 1761
Ion Ratio Lower Upper
142 100
127 44.6 36.6 55.0
141 16.2 11.3 16.9



#11
Tert butyl alcohol
Concen: 1.88 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion: 59 Resp: 1469
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 4.44 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

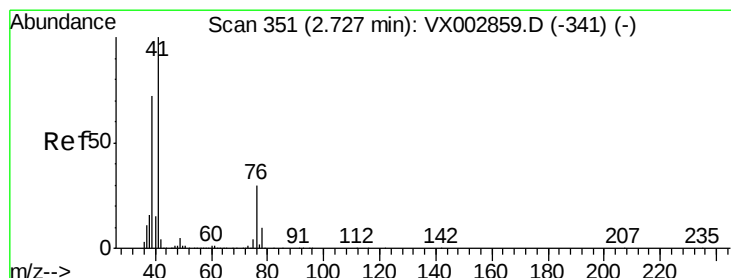
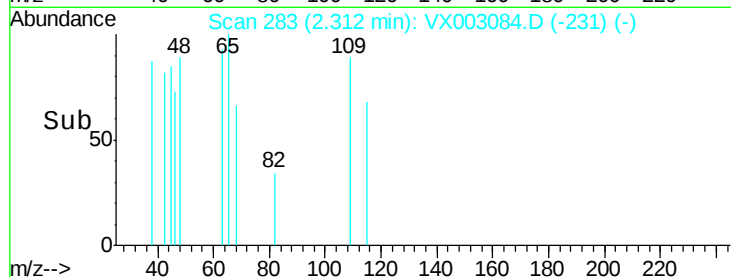
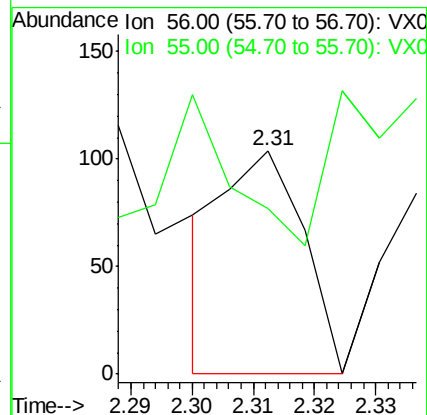
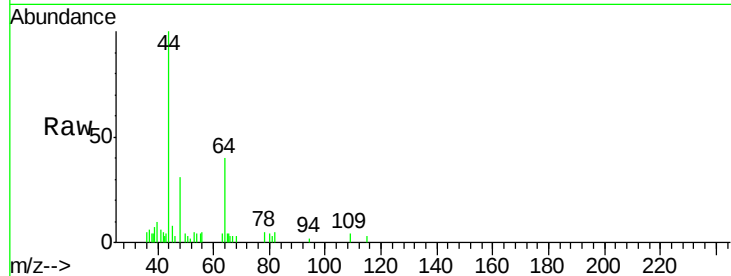
S22-0037

Tot Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 97.9 57.0 85.4#



#14

Allyl chloride

Concen: 0.25 ug/l

RT: 2.63 min Scan# 335

Delta R.T. -0.10 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

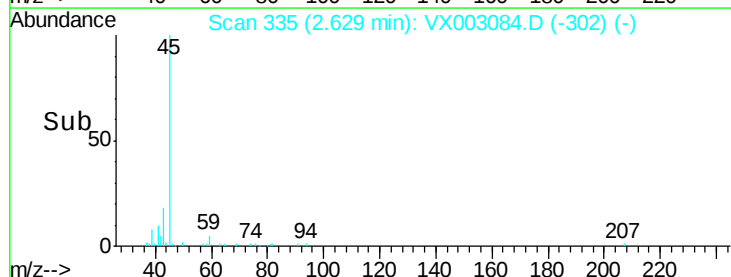
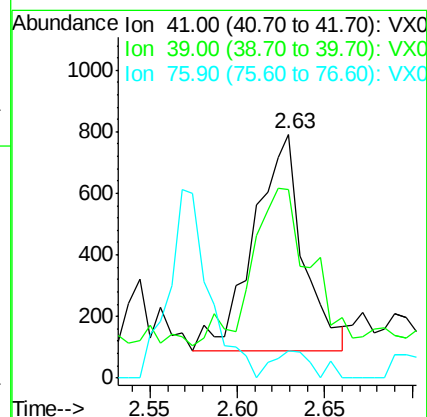
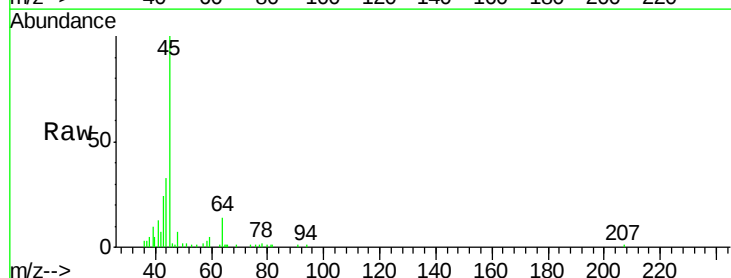
Tgt Ion: 41 Resp: 1376

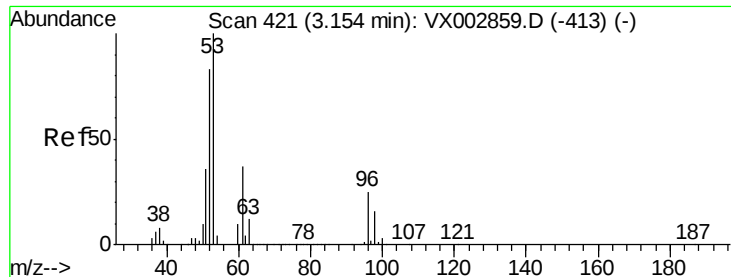
Ion Ratio Lower Upper

41 100

39 85.2 56.8 85.2

76 10.5 23.8 35.8#





#15

Acrylonitrile

Concen: 0.75 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampled :

S22-0037

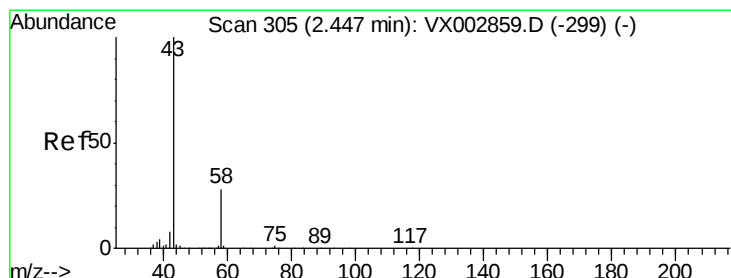
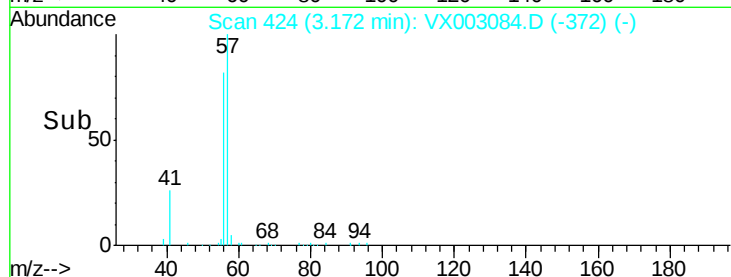
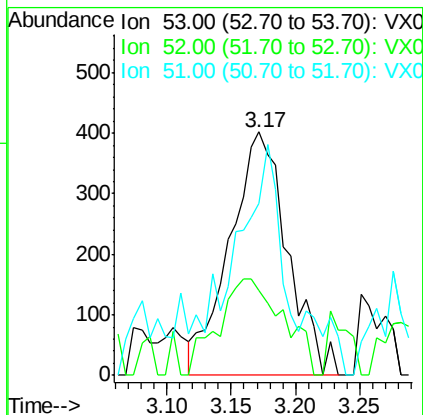
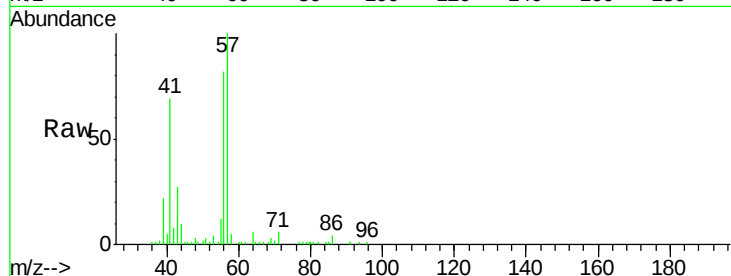
Tot Ion: 53 Resp: 1254

Ion Ratio Lower Upper

53 100

52 44.7 66.7 100.1#

51 50.9 29.9 44.9#



#16

Acetone

Concen: 2.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003084.D

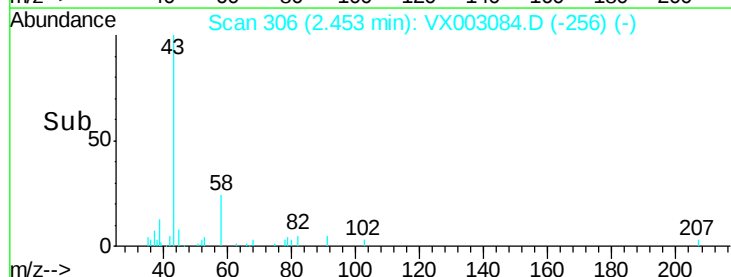
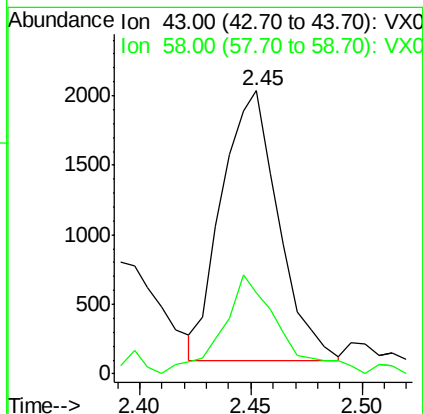
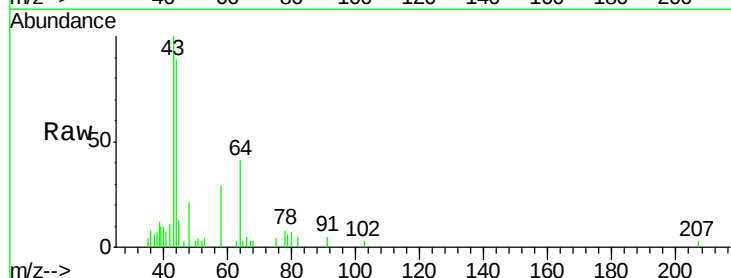
Acq: 30 Jun 2018 17:36

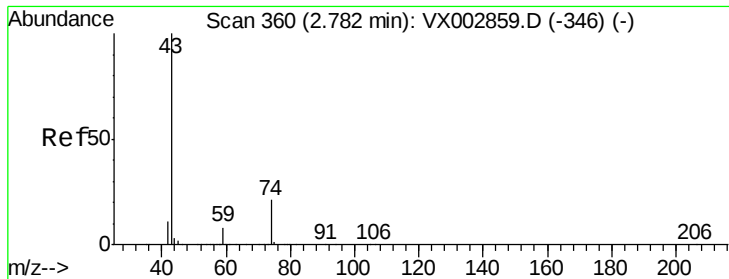
Tgt Ion: 43 Resp: 3442

Ion Ratio Lower Upper

43 100

58 25.7 22.1 33.1

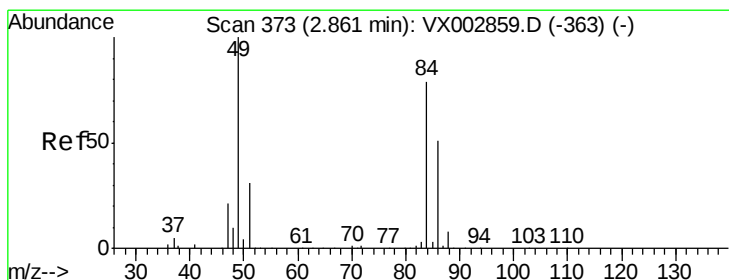
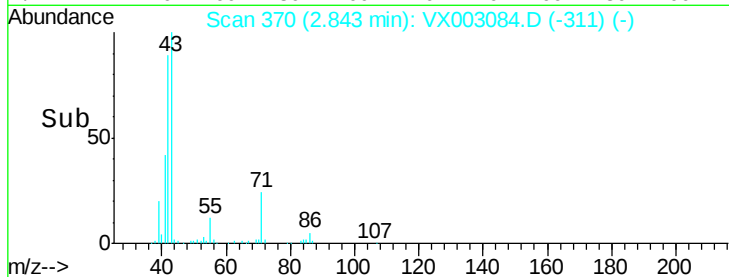
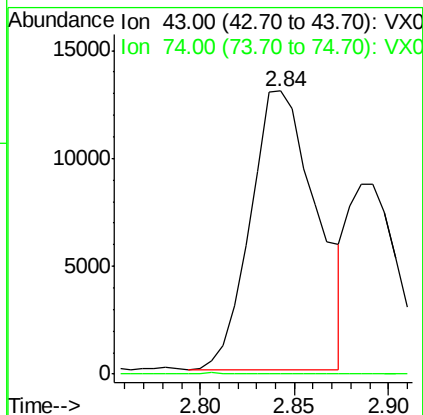
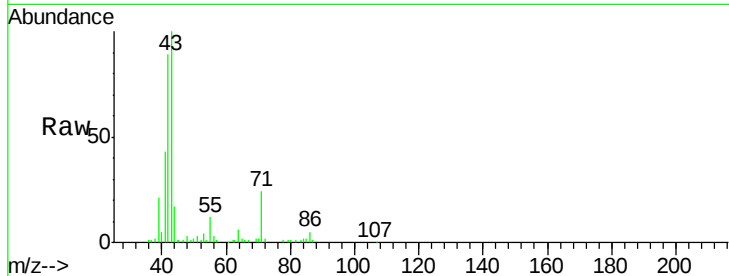




#18
Methyl Acetate
Concen: 6.93 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.06 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

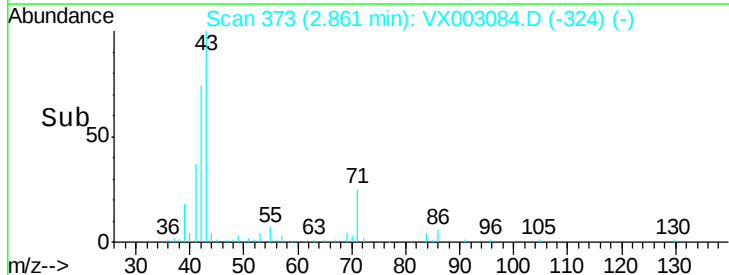
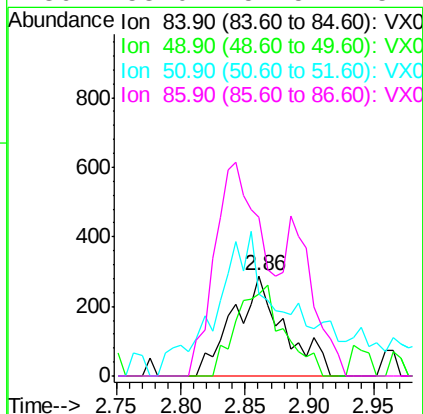
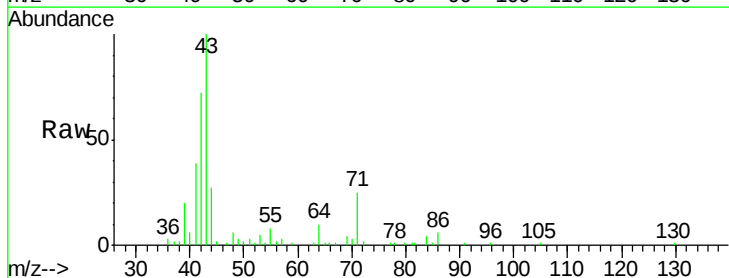
Instrument :
MSVOA_X
ClientSampleId :
S22-0037

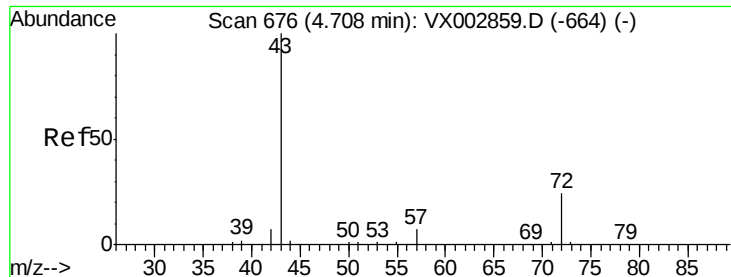
Tot Ion: 43 Resp: 31460
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion: 84 Resp: 796
Ion Ratio Lower Upper
84 100
49 81.9 107.8 161.6#
51 57.6 32.8 49.2#
86 158.0 52.5 78.7#





#25

2-Butanone

Concen: 0.87 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampled :

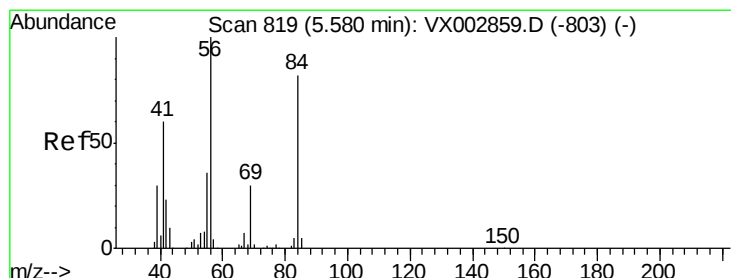
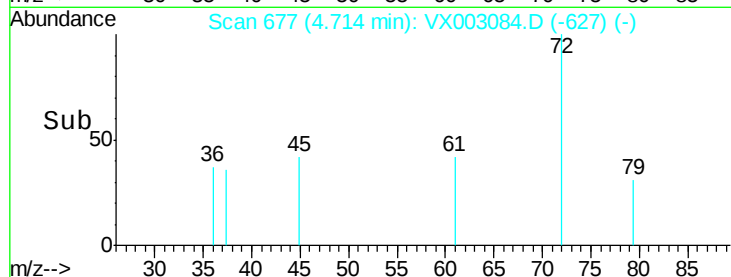
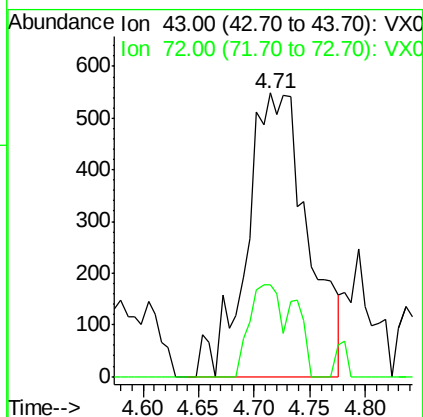
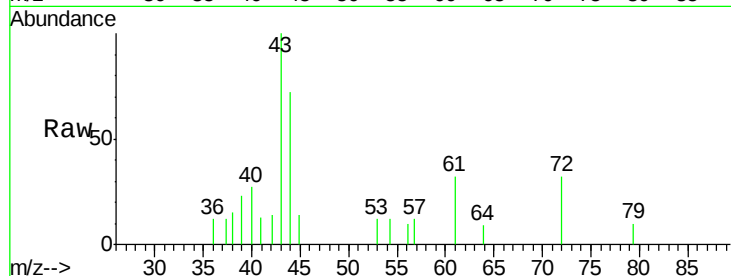
S22-0037

Tot Ion: 43 Resp: 2089

Ion Ratio Lower Upper

43 100

72 32.5 18.5 27.7#



#31

Cyclohexane

Concen: 17.91 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

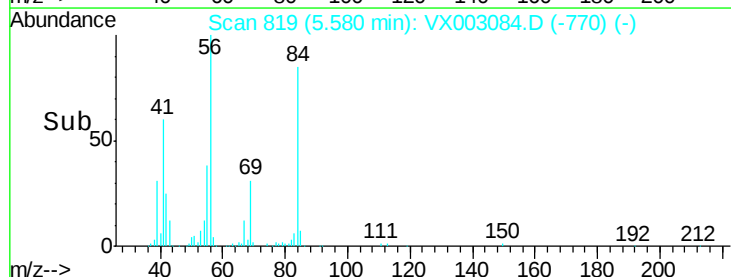
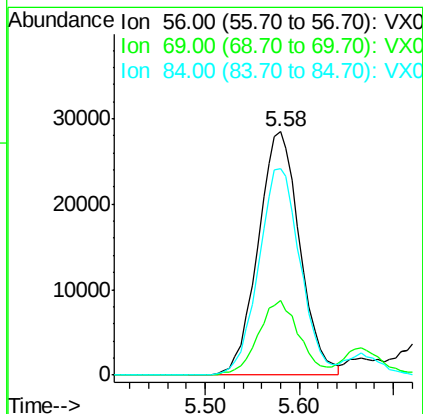
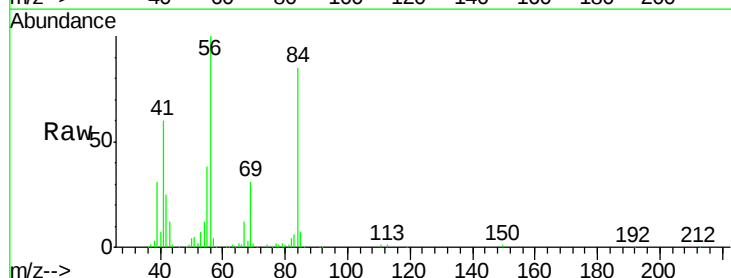
Tgt Ion: 56 Resp: 88016

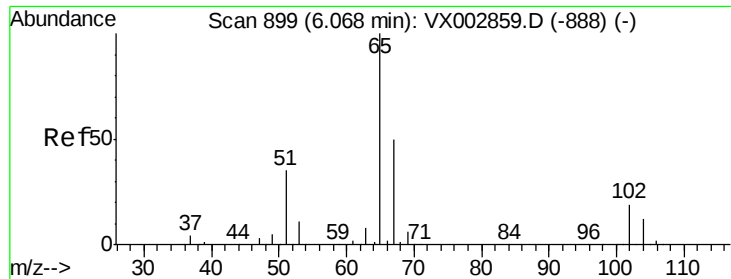
Ion Ratio Lower Upper

56 100

69 30.3 23.7 35.5

84 85.0 64.1 96.1

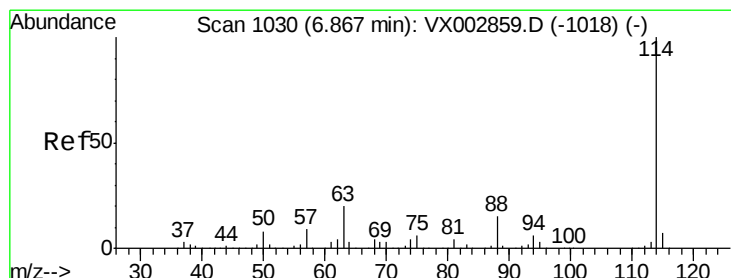
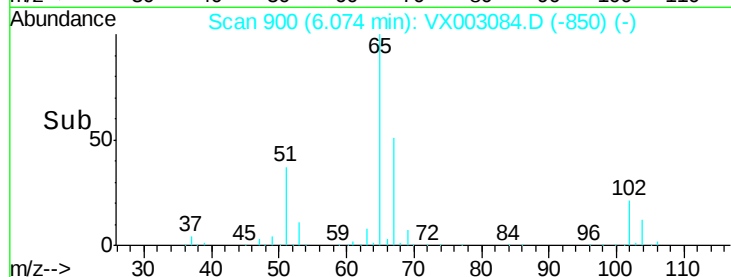
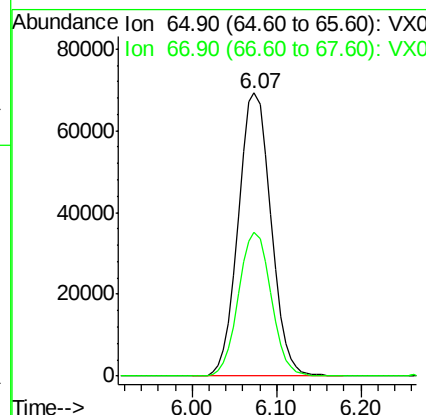
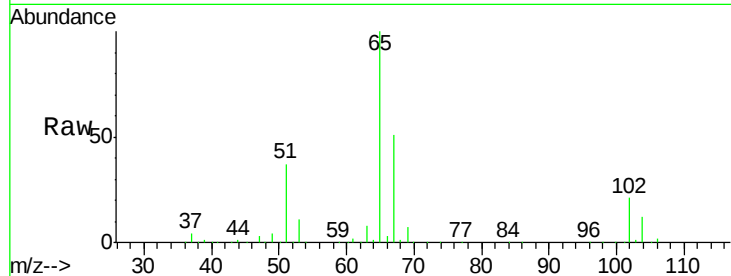




#33
 1,2-Dichloroethane-d4
 Concen: 46.40 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003084.D
 Acq: 30 Jun 2018 17:36

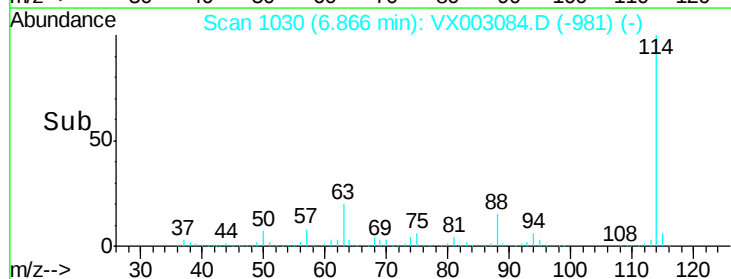
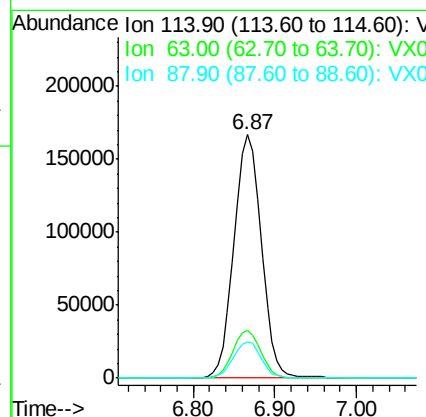
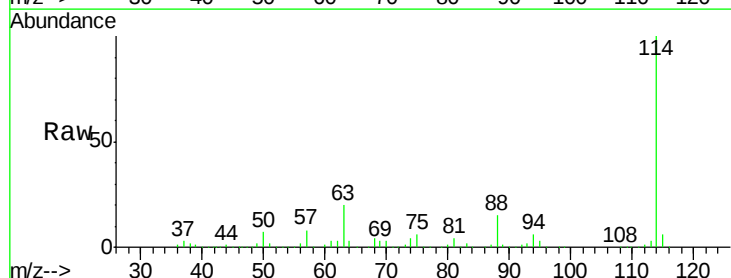
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037

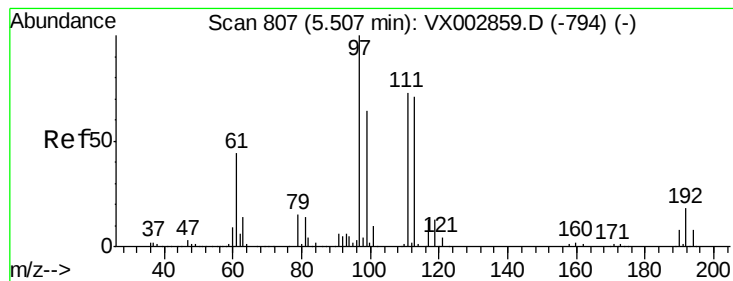
Tot Ion: 65 Resp: 181888
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003084.D
 Acq: 30 Jun 2018 17:36

Tgt Ion: 114 Resp: 388861
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

S22-0037

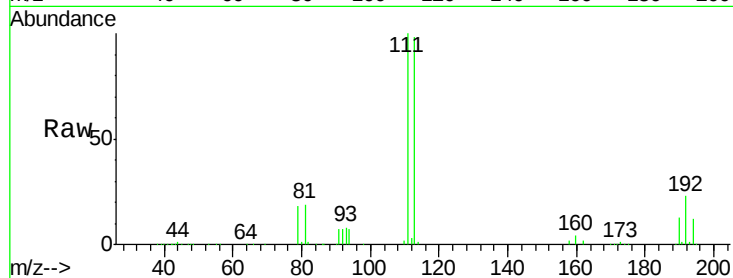
Tot Ion:113 Resp: 148630

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

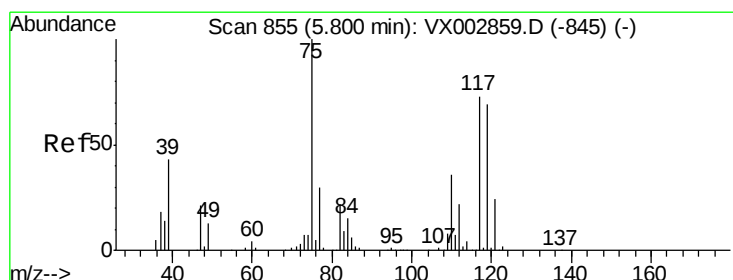
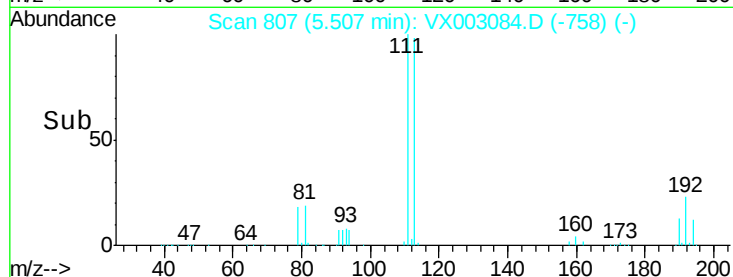
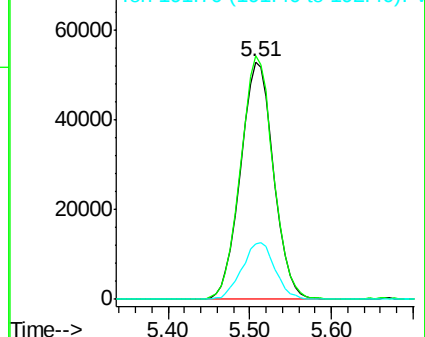
192 24.1 19.1 28.7



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: 4.55 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

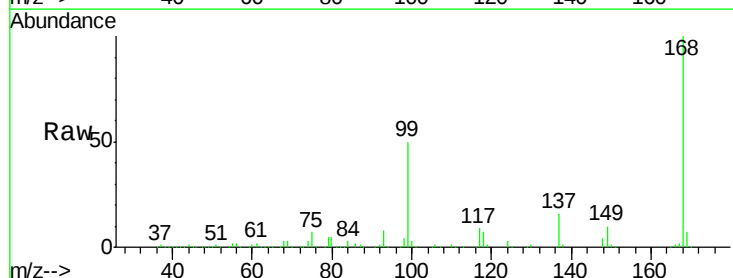
Tgt Ion: 75 Resp: 19394

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

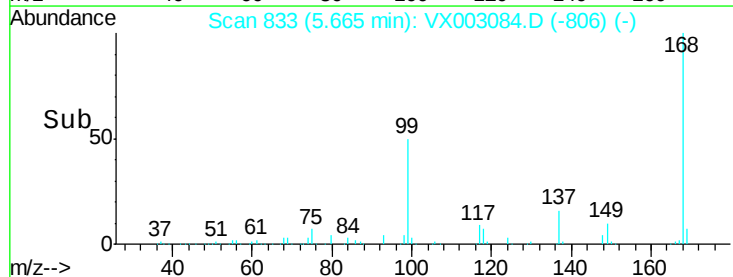
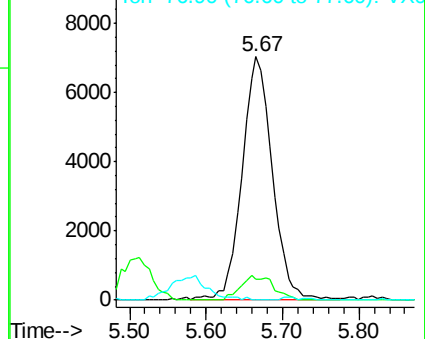
77 0.0 24.3 36.5#

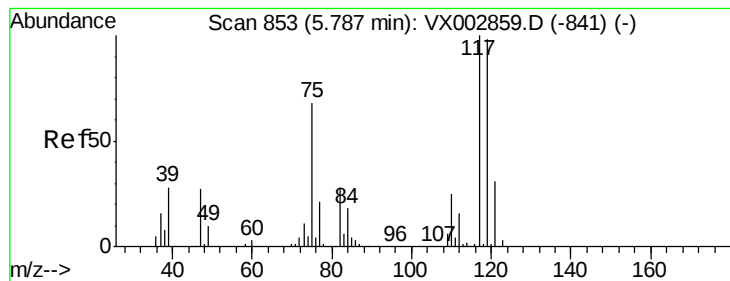


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.49 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

S22-0037

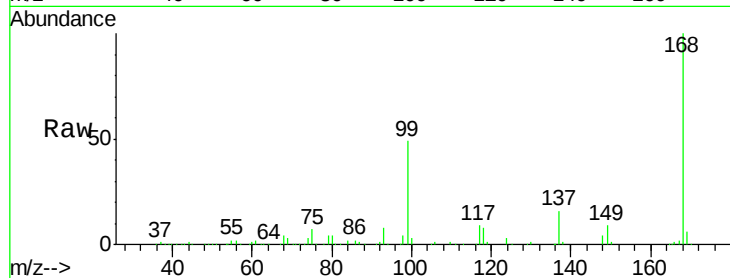
Tot Ion:117 Resp: 25687

Ion Ratio Lower Upper

117 100

119 5.4 77.4 116.0#

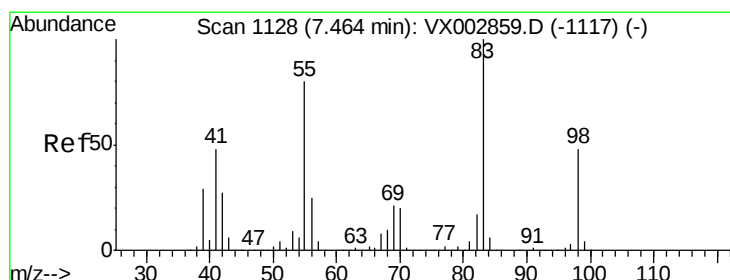
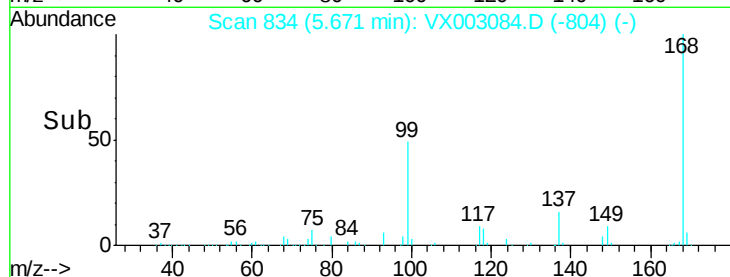
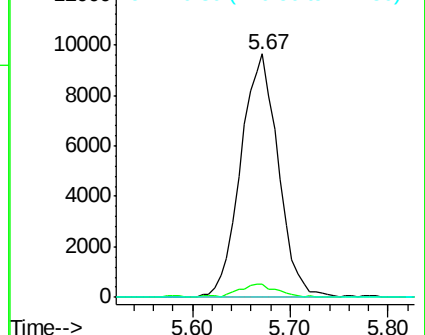
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 17.93 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

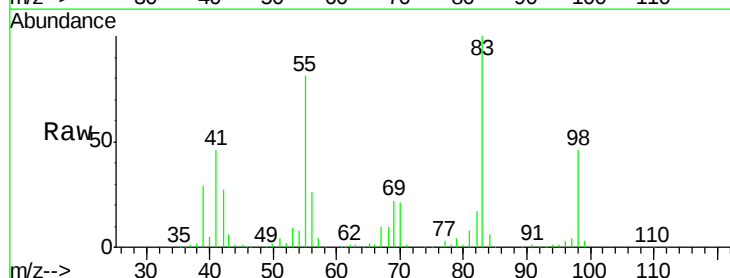
Tgt Ion: 83 Resp: 89073

Ion Ratio Lower Upper

83 100

55 80.9 65.4 98.0

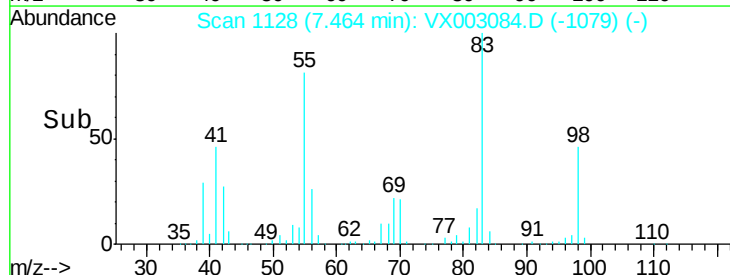
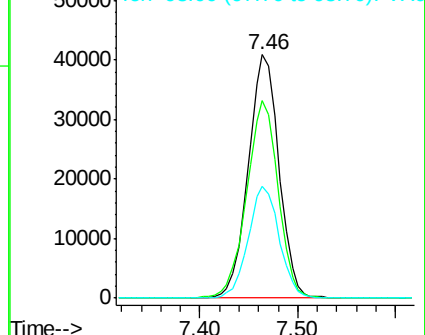
98 45.8 37.4 56.0

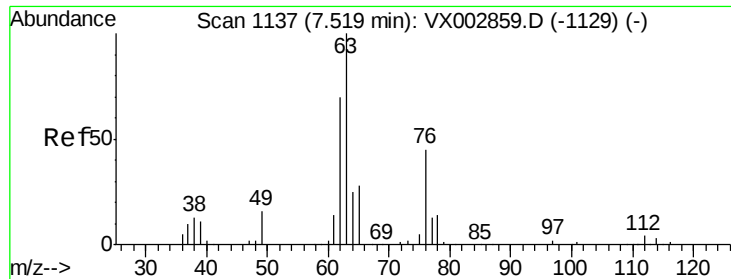


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#45

1,2-Dichloropropane

Concen: 0.44 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.05 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

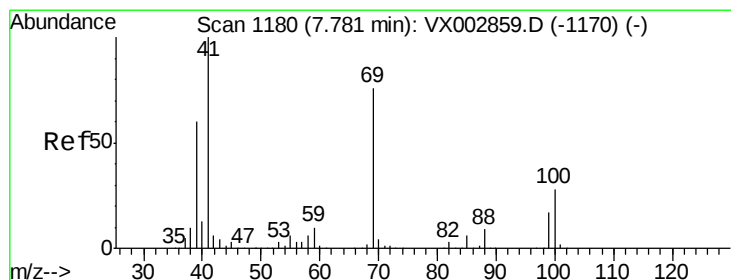
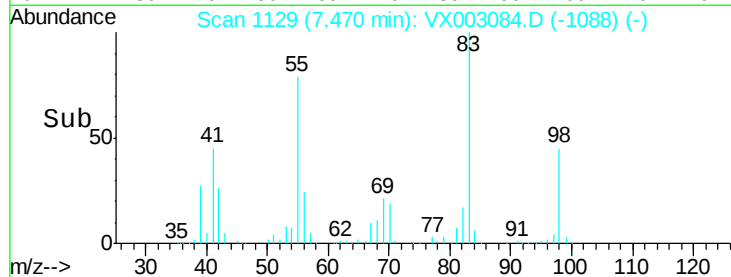
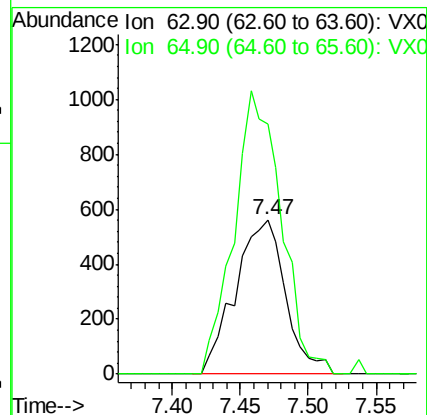
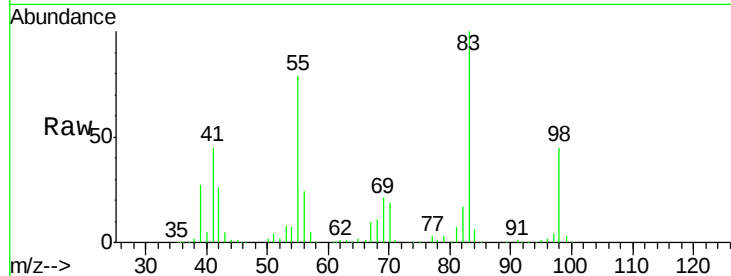
S22-0037

Tot Ion: 63 Resp: 1454

Ion Ratio Lower Upper

63 100

65 161.6 24.7 37.1#



#48

Methyl methacrylate

Concen: 1.16 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

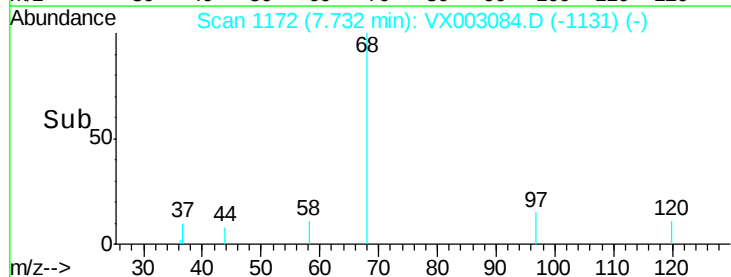
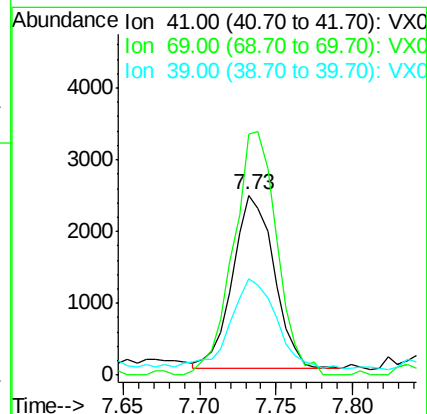
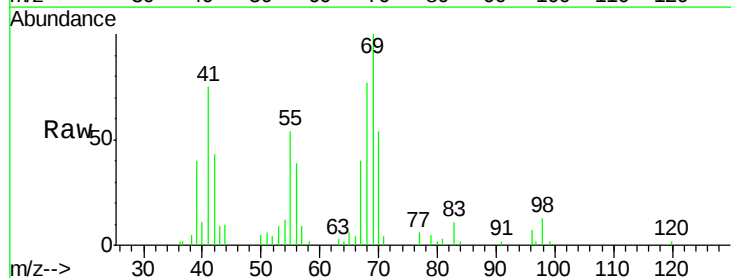
Tgt Ion: 41 Resp: 4607

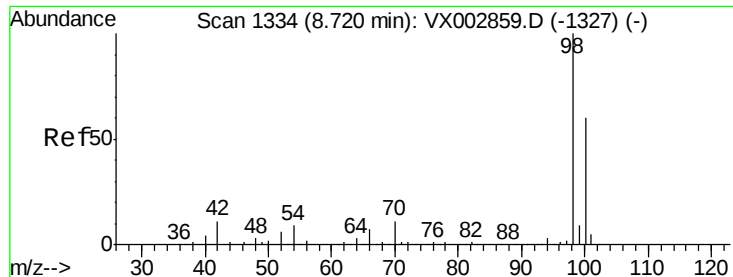
Ion Ratio Lower Upper

41 100

69 146.0 59.1 88.7#

39 56.9 48.9 73.3

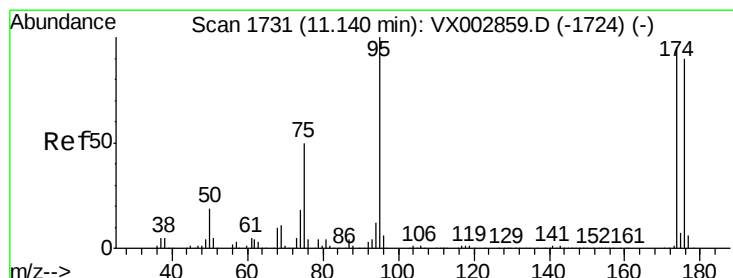
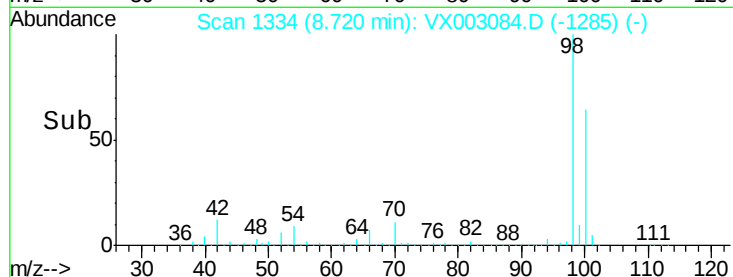
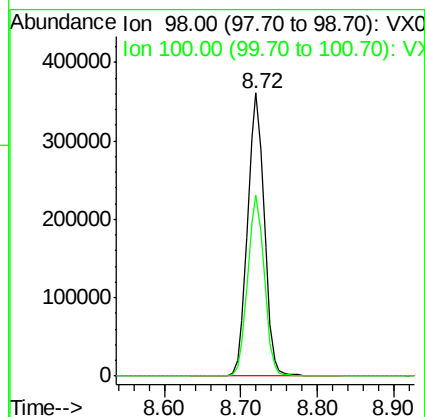
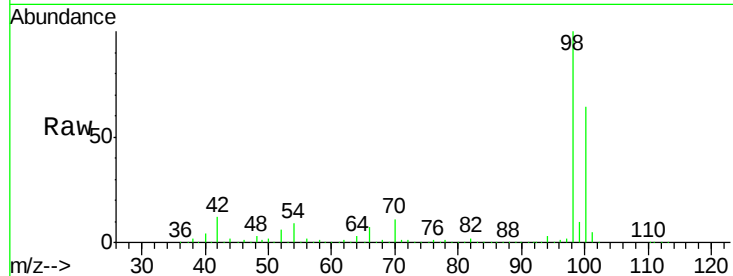




#50
Toluene-d8
Concen: 48.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

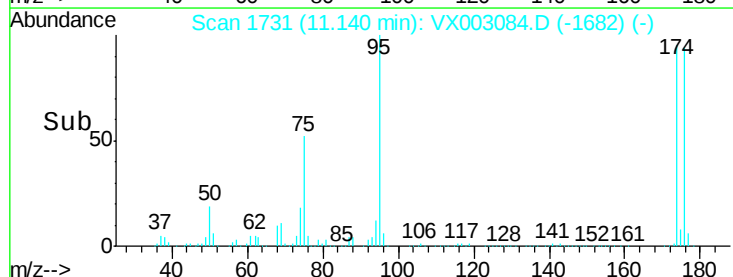
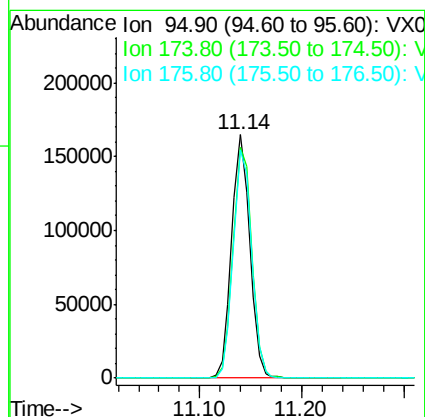
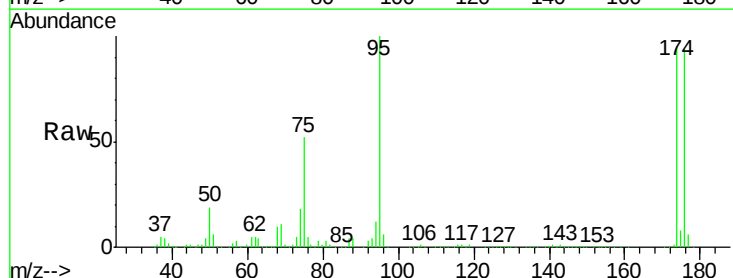
Instrument :
MSVOA_X
ClientSampleId :
S22-0037

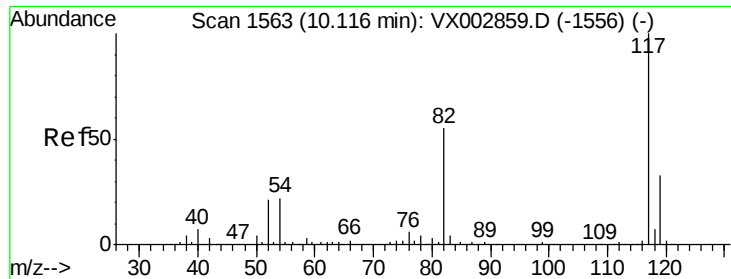
Tot Ion: 98 Resp: 548988
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion: 95 Resp: 202711
Ion Ratio Lower Upper
95 100
174 97.8 0.0 187.4
176 95.1 0.0 181.0

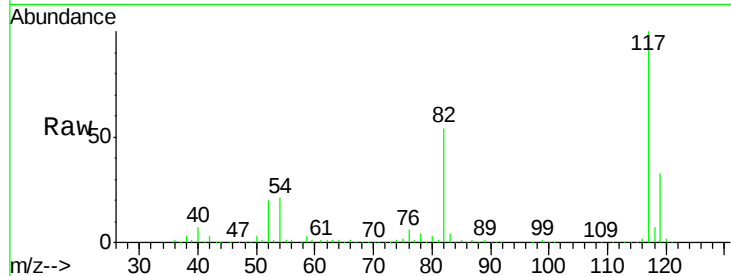




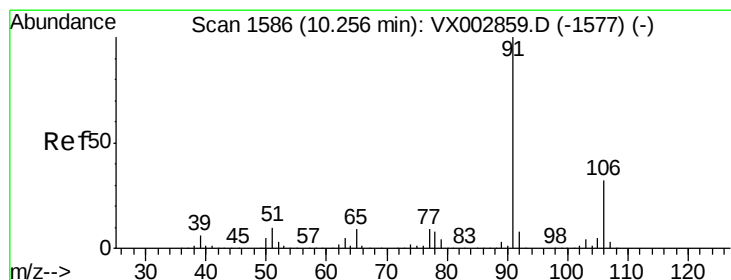
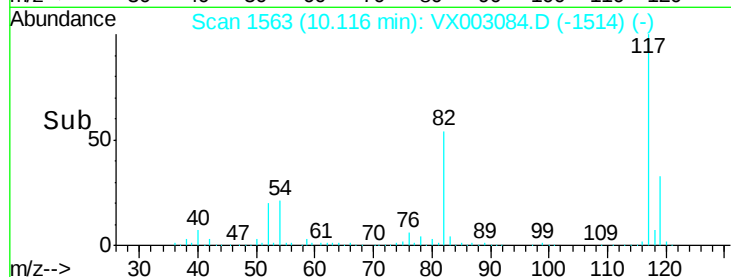
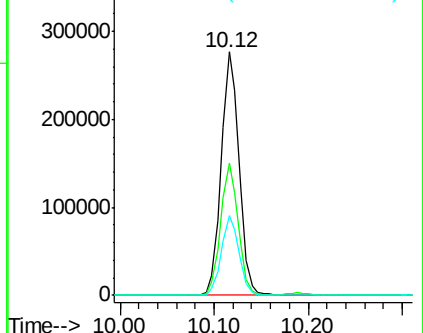
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Instrument :
MSVOA_X
ClientSampleId :
S22-0037

Tot Ion:117 Resp: 363519
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.5 25.8 38.6

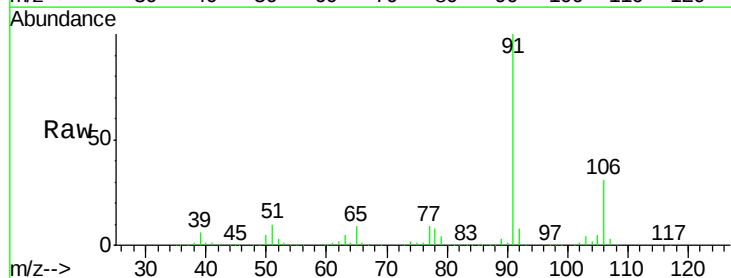


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

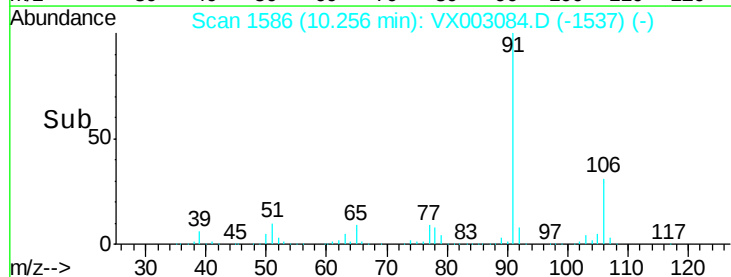
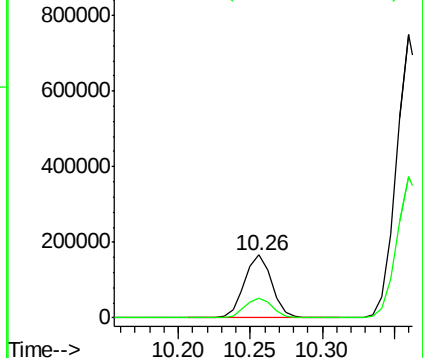


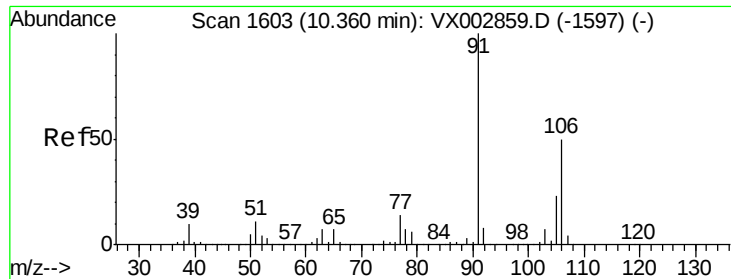
#67
Ethyl Benzene
Concen: 14.40 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion: 91 Resp: 219670
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



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

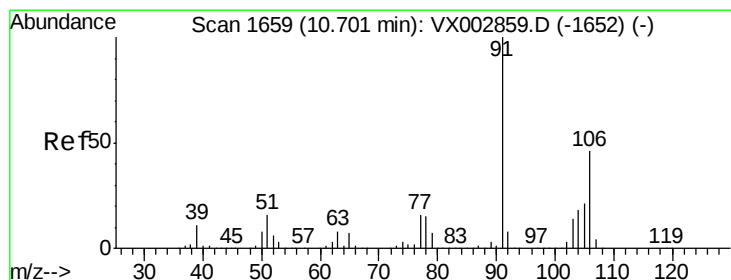
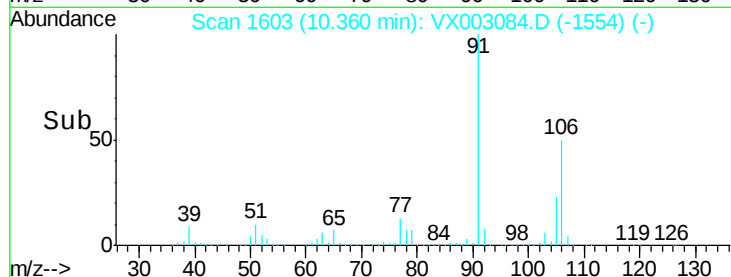
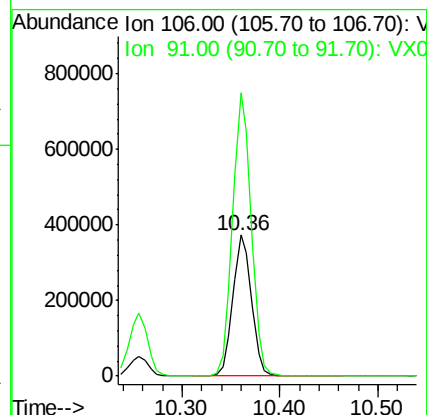
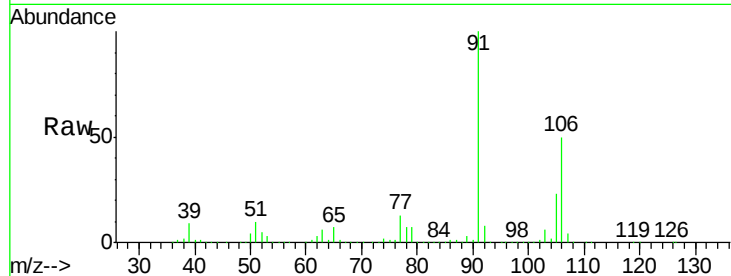




#68
m/p-Xylenes
Concen: 83.60 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

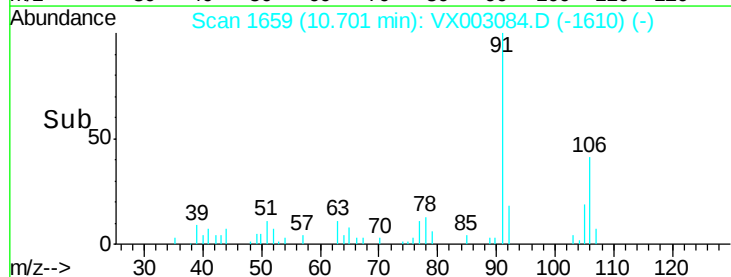
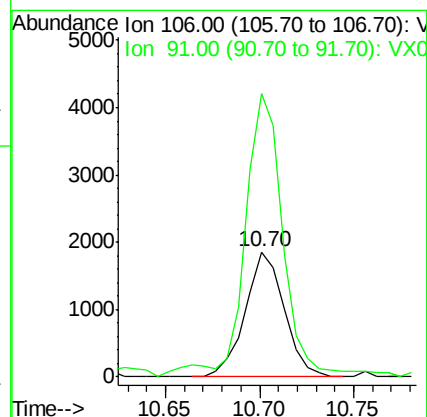
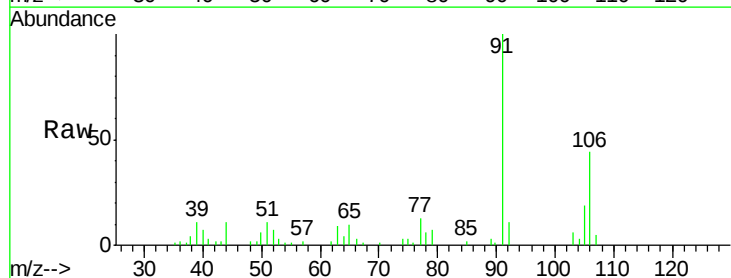
Instrument :
MSVOA_X
ClientSampleId :
S22-0037

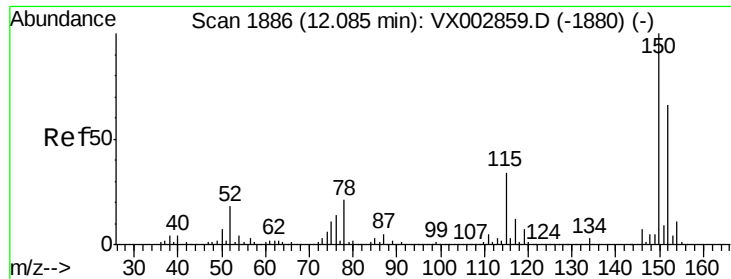
Tot Ion:106 Resp: 491445
Ion Ratio Lower Upper
106 100
91 201.8 163.4 245.2



#69
o-Xylene
Concen: 0.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion:106 Resp: 2660
Ion Ratio Lower Upper
106 100
91 224.6 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

S22-0037

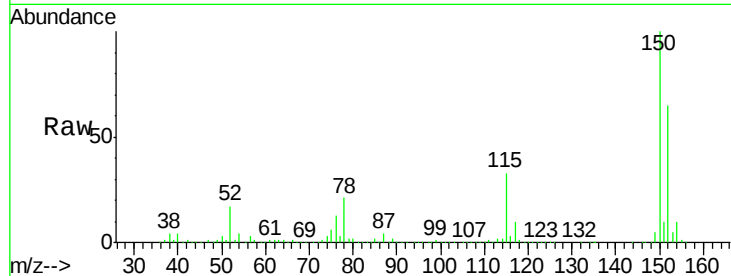
Tot Ion:152 Resp: 220163

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

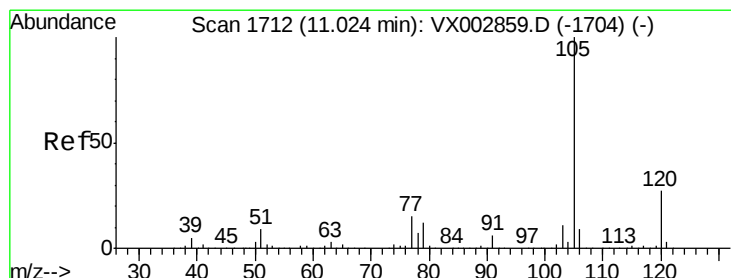
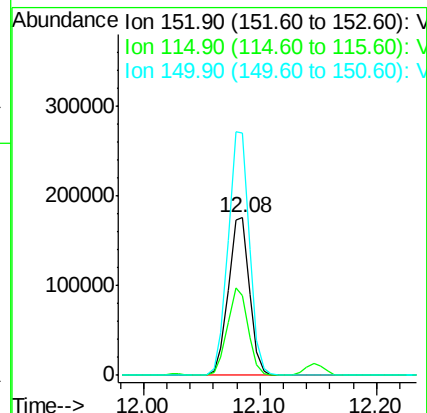
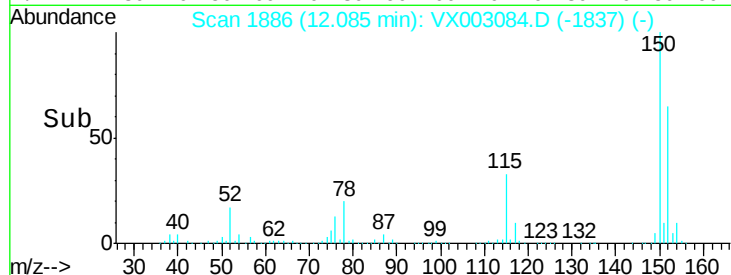
150 155.9 0.0 347.2



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: 14.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003084.D

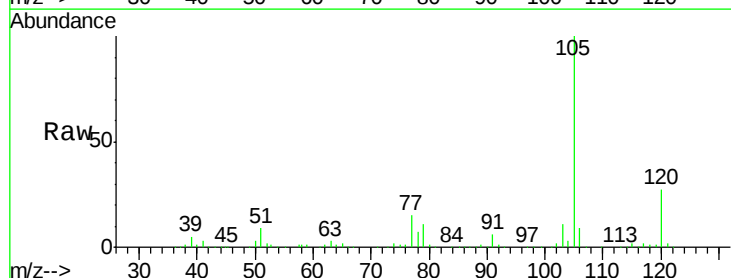
Acq: 30 Jun 2018 17:36

Tgt Ion:105 Resp: 208923

Ion Ratio Lower Upper

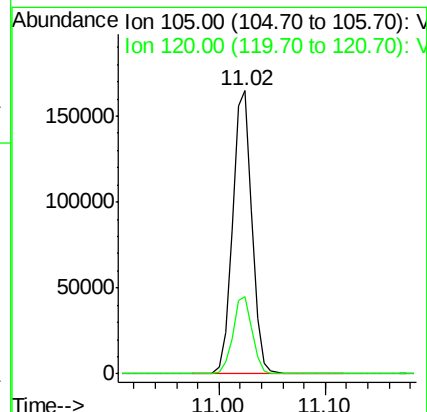
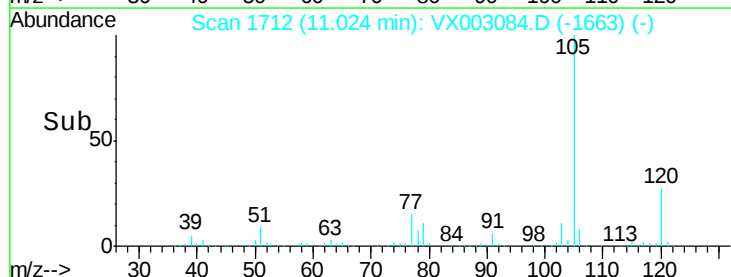
105 100

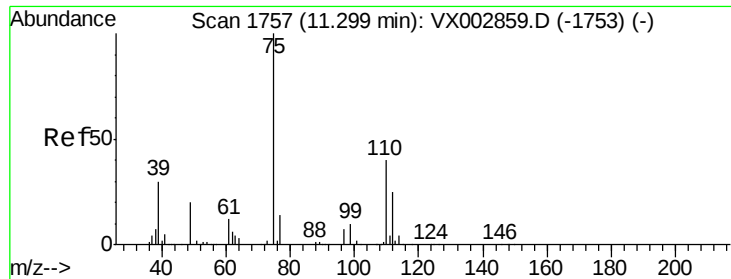
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

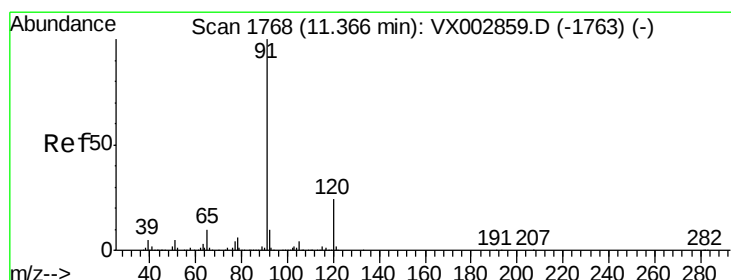
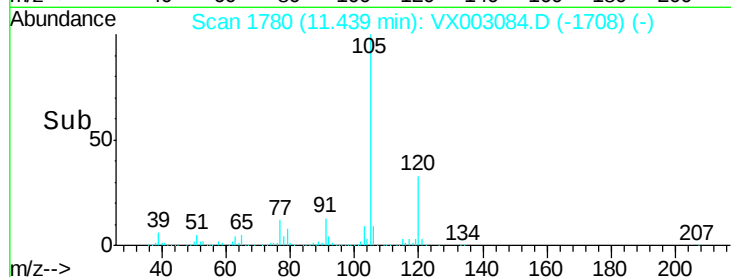
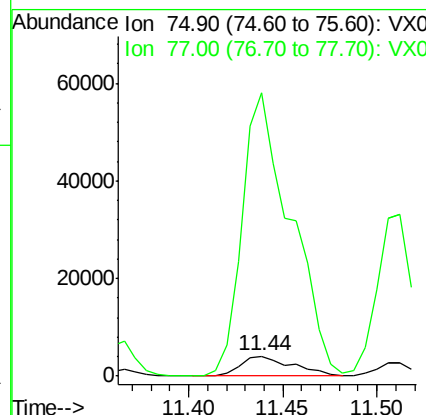
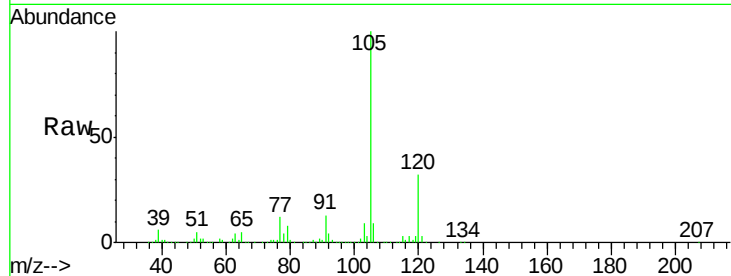




#76
 1,2,3-Trichloropropane
 Concen: 1.95 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.14 min
 Lab File: VX003084.D
 Acq: 30 Jun 2018 17:36

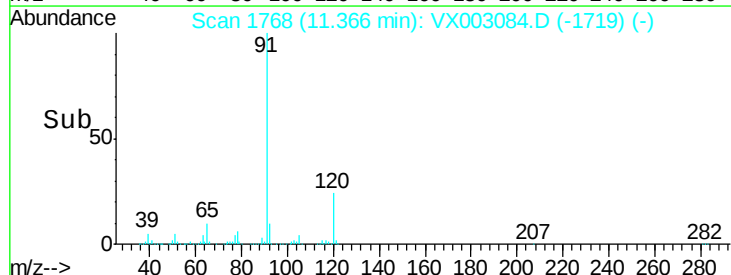
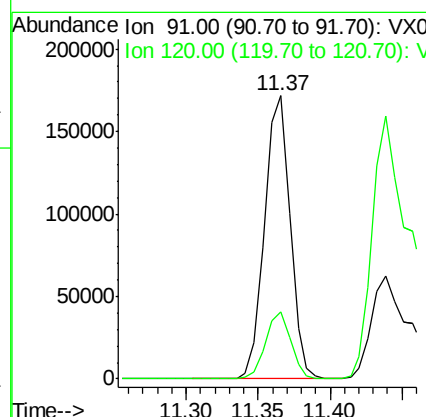
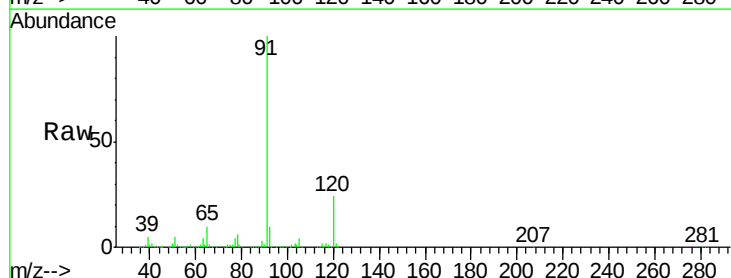
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037

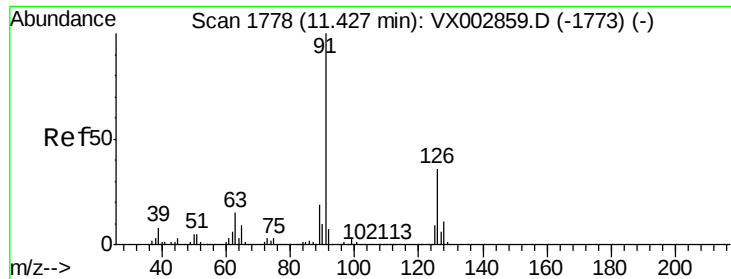
Tot Ion: 75 Resp: 7793
 Ion Ratio Lower Upper
 75 100
 77 1331.5 22.8 68.3#



#78
 n-propylbenzene
 Concen: 12.45 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VX003084.D
 Acq: 30 Jun 2018 17:36

Tgt Ion: 91 Resp: 209822
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.8 35.4

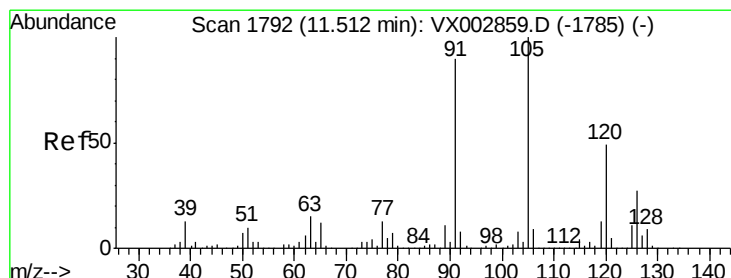
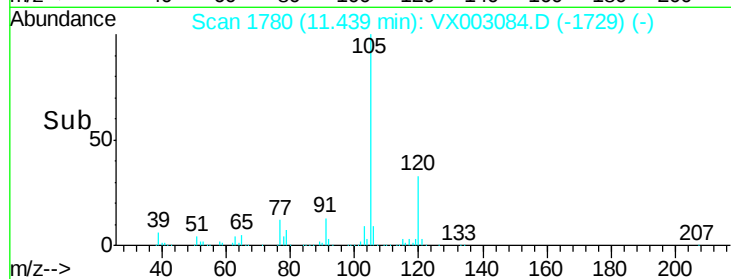
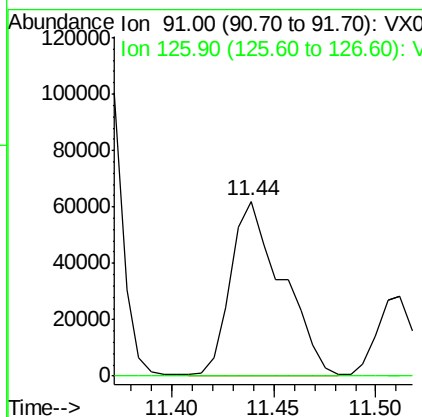
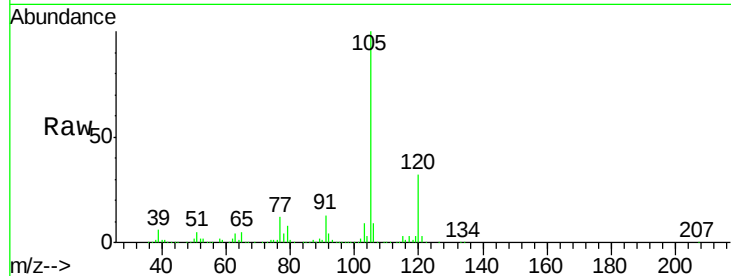




#79
 2-Chlorotoluene
 Concen: 10.72 ug/l
 RT: 11.44 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VX003084.D
 Acq: 30 Jun 2018 17:36

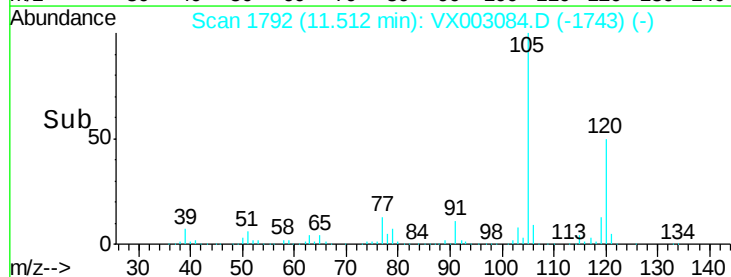
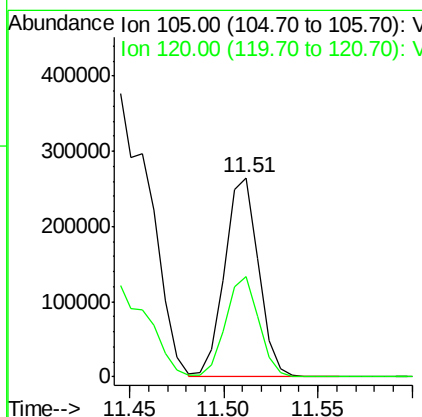
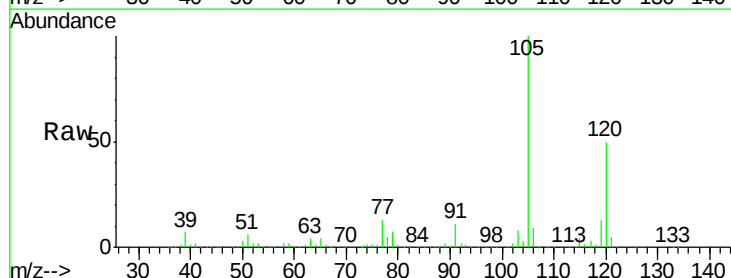
Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037

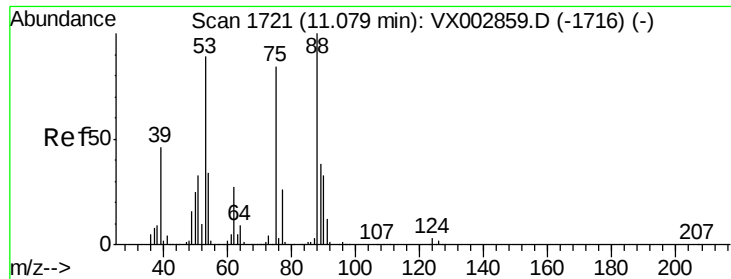
Tot Ion: 91 Resp: 109438
 Ion Ratio Lower Upper
 91 100
 126 0.2 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 26.47 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003084.D
 Acq: 30 Jun 2018 17:36

Tgt Ion: 105 Resp: 330144
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4

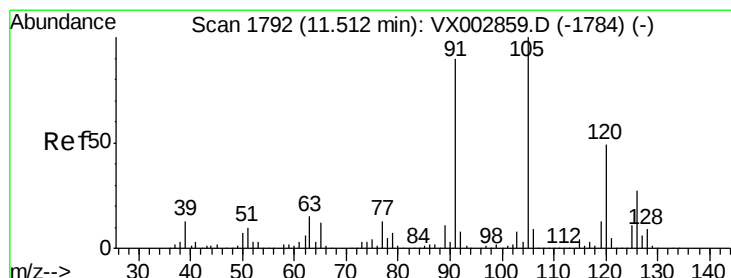
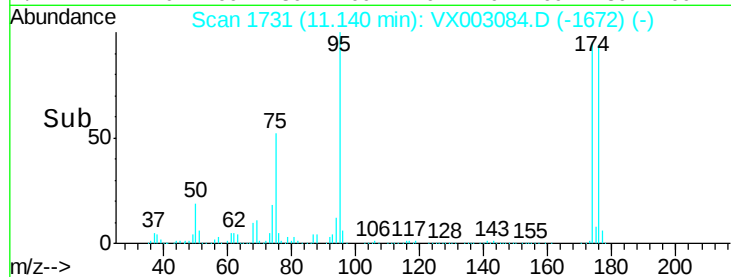
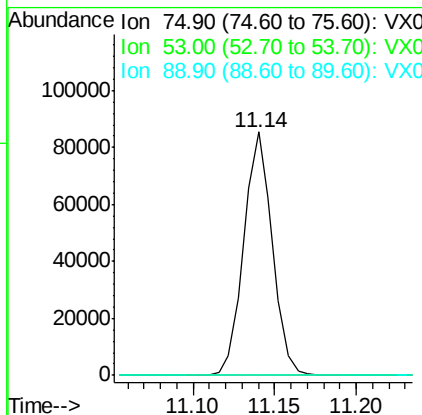
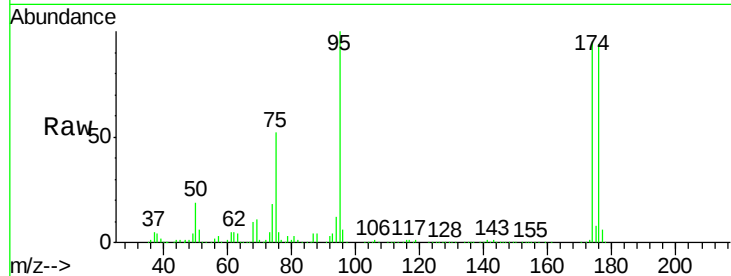




#81
trans-1,4-Dichloro-2-butene
Concen: 73.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

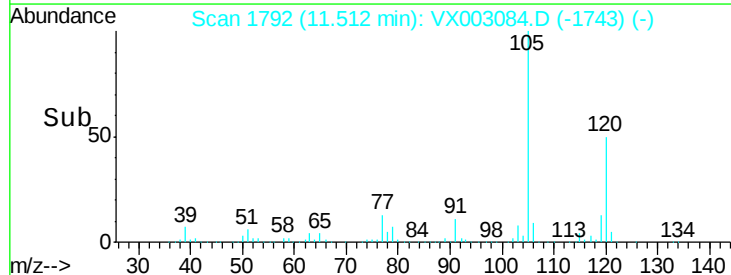
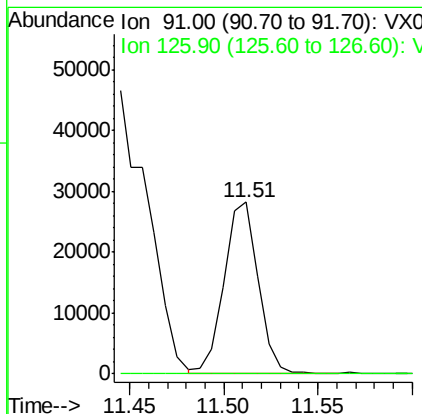
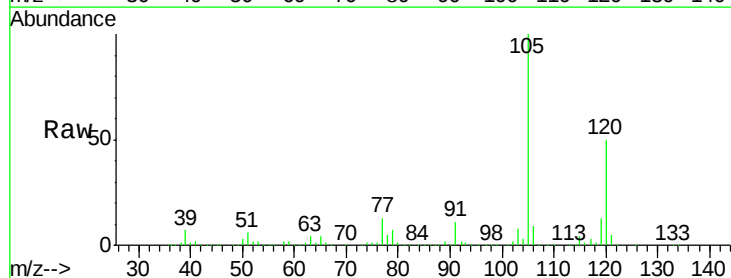
Instrument :
MSVOA_X
ClientSampleId :
S22-0037

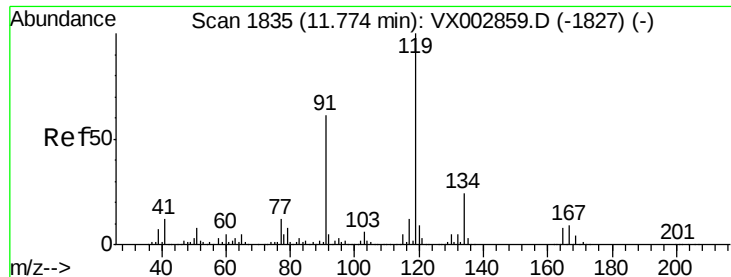
Tot Ion: 75 Resp: 103957
Ion Ratio Lower Upper
75 100
53 0.1 86.8 130.2#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 2.91 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion: 91 Resp: 35194
Ion Ratio Lower Upper
91 100
126 0.2 15.4 46.4#

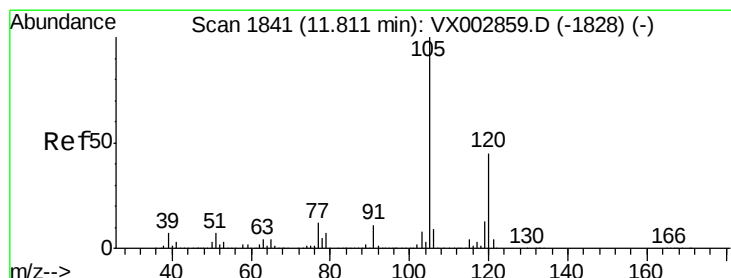
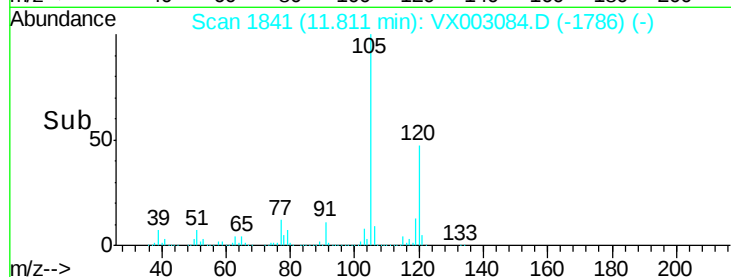
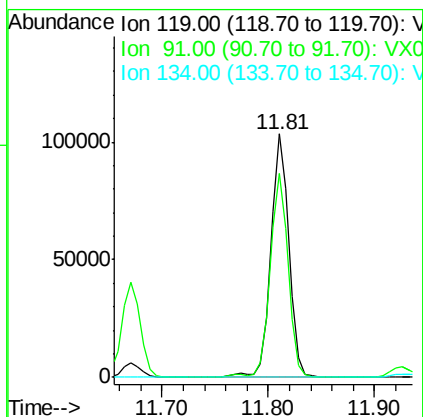
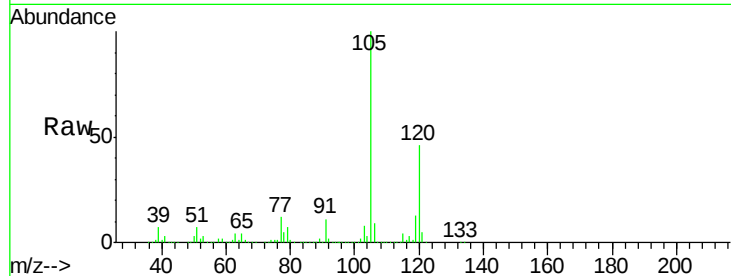




#83
tert-Butylbenzene
Concen: 10.00 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.04 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

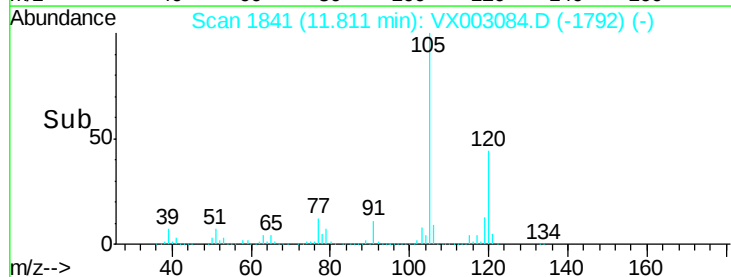
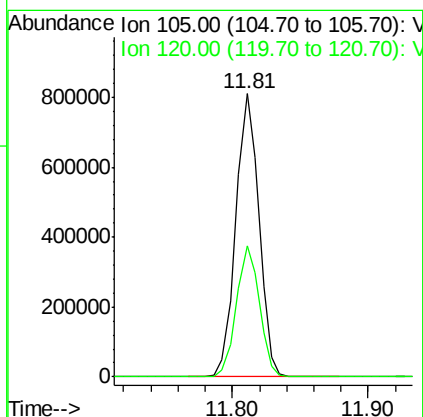
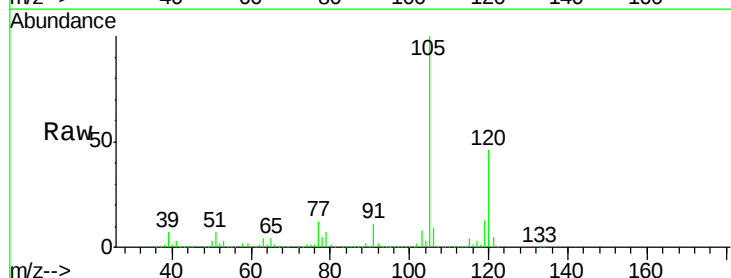
Instrument :
MSVOA_X
ClientSampleId :
S22-0037

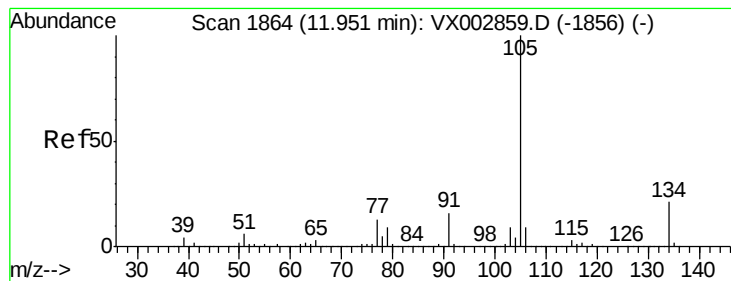
Tot Ion:119 Resp: 122985
Ion Ratio Lower Upper
119 100
91 82.2 30.3 90.9
134 0.4 11.7 35.1#



#84
1,2,4-Trimethylbenzene
Concen: 74.21 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003084.D
Acq: 30 Jun 2018 17:36

Tgt Ion:105 Resp: 959202
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 64.31 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

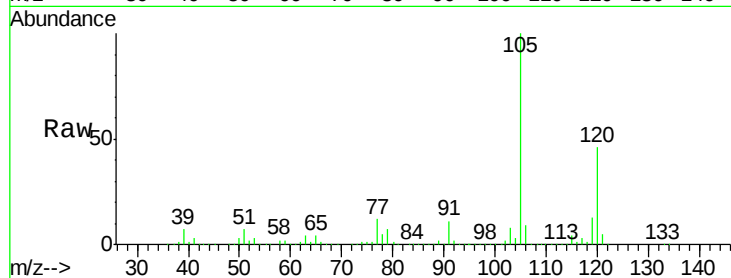
S22-0037

Tot Ion:105 Resp: 959202

Ion Ratio Lower Upper

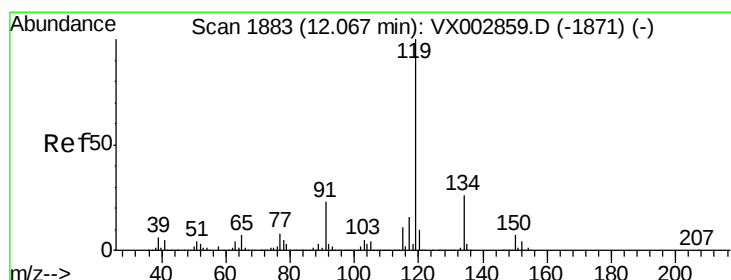
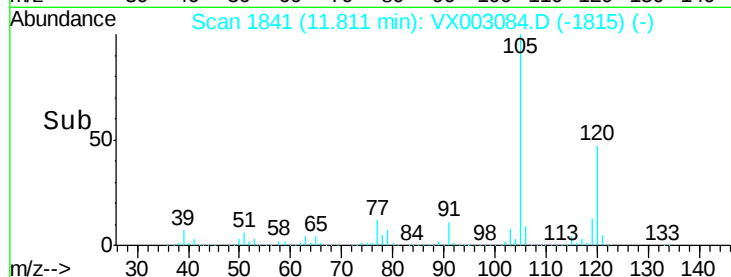
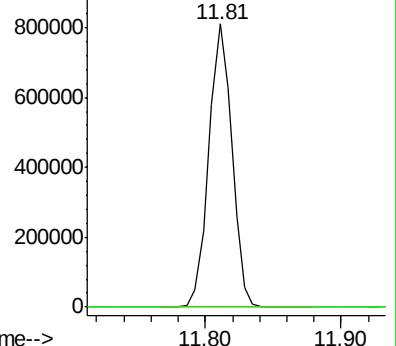
105 100

134 0.0 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: 1.13 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

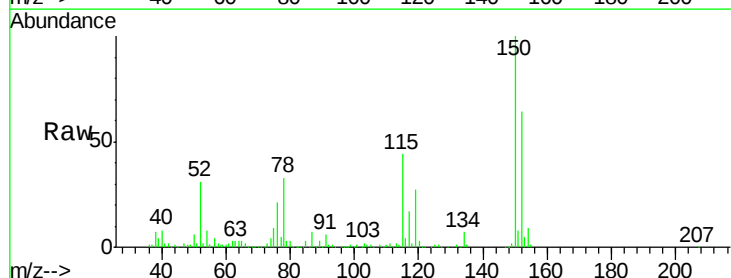
Tgt Ion:119 Resp: 15159

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.1

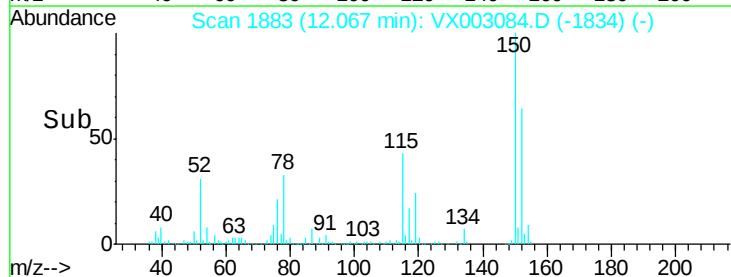
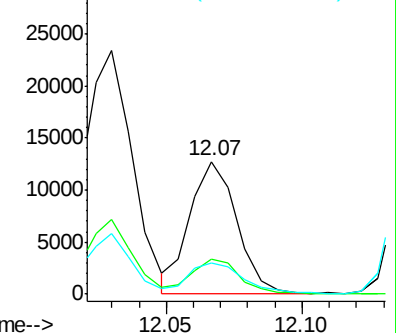
91 27.8 11.9 35.7

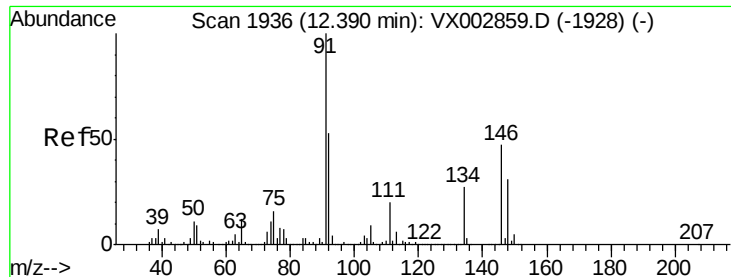


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.05 ug/l

RT: 12.38 min Scan# 1935

Delta R.T. -0.01 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

S22-0037

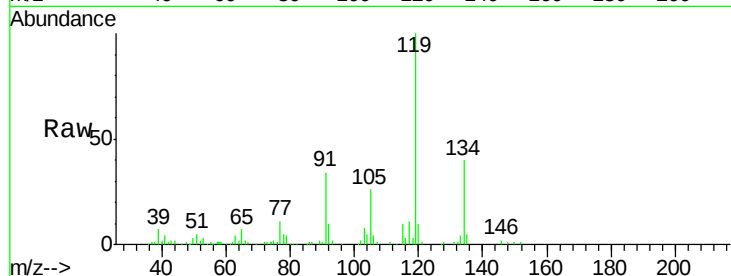
Tot Ion: 91 Resp: 12200

Ion Ratio Lower Upper

91 100

92 32.7 26.0 78.0

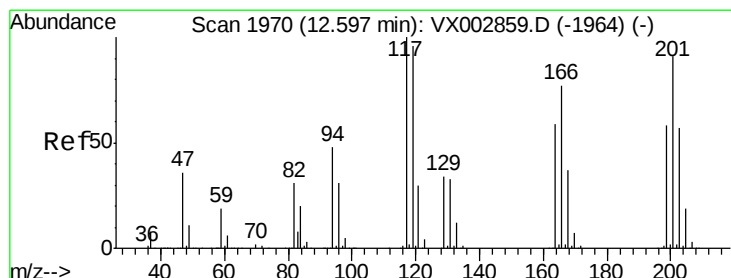
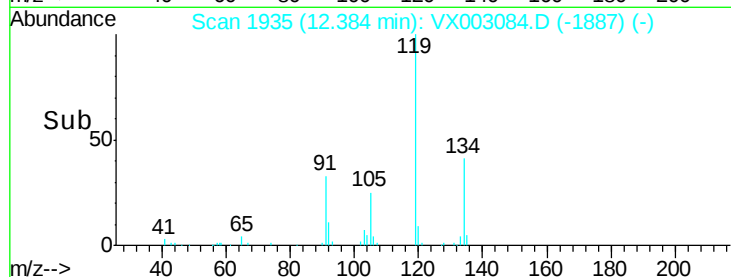
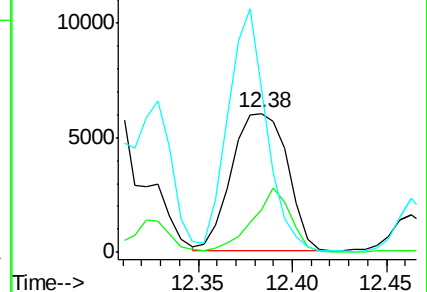
134 123.3 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 1.26 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX003084.D

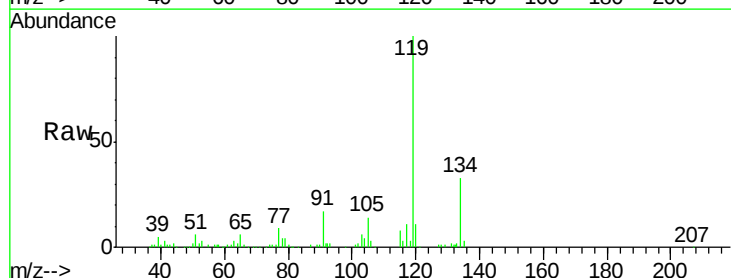
Acq: 30 Jun 2018 17:36

Tgt Ion: 117 Resp: 2512

Ion Ratio Lower Upper

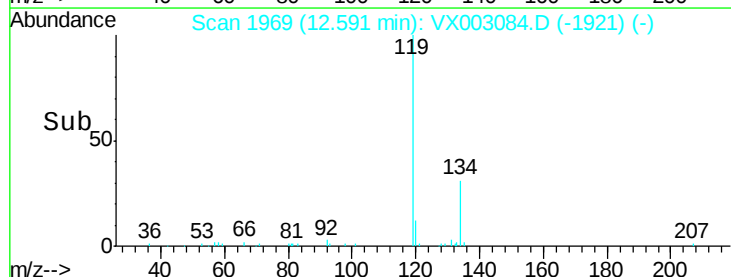
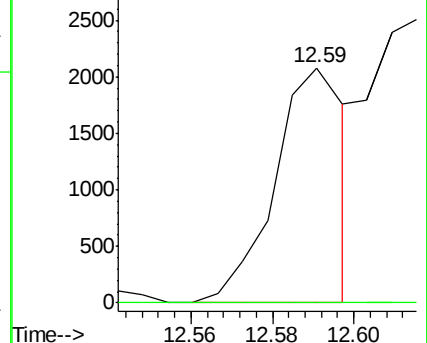
117 100

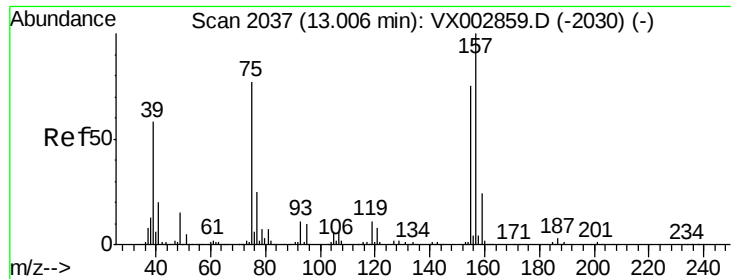
201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.27 ug/l

RT: 13.02 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Instrument :

MSVOA_X

ClientSampleId :

S22-0037

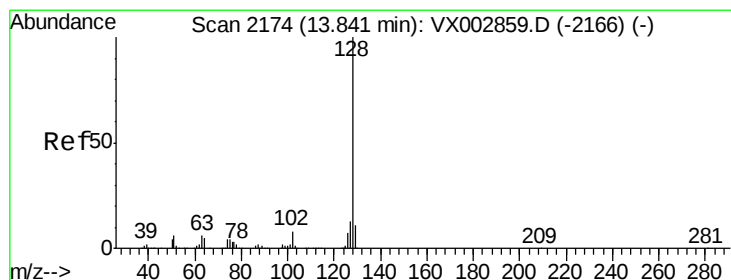
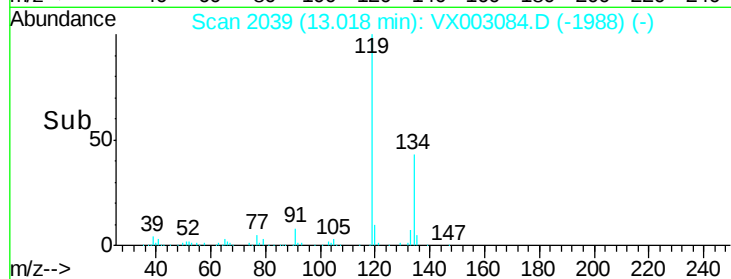
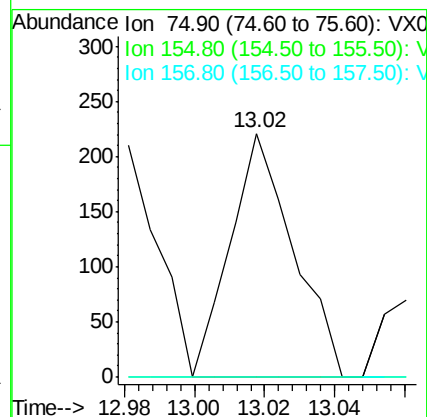
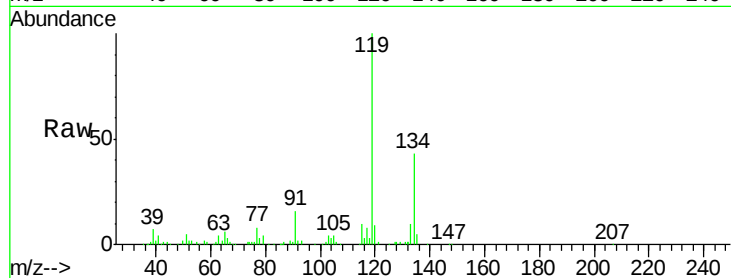
Tot Ion: 75 Resp: 276

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

157 0.0 60.1 180.3#



#95

Naphthalene

Concen: 7.26 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003084.D

Acq: 30 Jun 2018 17:36

Tgt Ion: 128 Resp: 109402

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.5 8.6 13.0

