

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000622.D
 Acq On : 01 Apr 2018 04:29
 Operator : JC/MD
 Sample : J2132-09 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:28:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114289	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	71947	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
35) Dibromofluoromethane	5.51	113	57080	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.72	98	234596	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.15	95	90744	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	497	0.345	ug/l #	67
6) Chloroethane	1.72	64	157	Below Cal	#	44
10) Methyl Iodide	2.52	142	188	4.400	ug/l #	67
11) Tert butyl alcohol	3.03	59	2861	5.627	ug/l #	72
13) Acrolein	2.27	56	1467	23.087	ug/l #	1
14) Allyl chloride	2.79	41	1880	0.767	ug/l #	22
15) Acrylonitrile	3.17	53	1314	1.276	ug/l #	52
16) Acetone	2.45	43	1934	1.573	ug/l	97
18) Methyl Acetate	2.77	43	1306	0.507	ug/l #	51
23) Vinyl Acetate	3.82	43	794	0.218	ug/l #	72
25) 2-Butanone	4.74	43	773	0.559	ug/l #	49
26) 2,2-Dichloropropane	4.42	77	688	0.407	ug/l #	53
29) Tetrahydrofuran	5.17	42	195	0.229	ug/l #	31
30) Chloroform	5.29	83	1517	0.671	ug/l #	17
31) Cyclohexane	5.59	56	25627	13.741	ug/l #	89
36) 1,1-Dichloropropene	5.67	75	8945	5.267	ug/l #	52
38) Carbon Tetrachloride	5.67	117	11461	6.432	ug/l #	16
39) Methylcyclohexane	7.47	83	13549	6.560	ug/l	97
40) Benzene	6.15	78	48708	9.876	ug/l	94
48) Methyl methacrylate	7.74	41	1655	0.987	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	557	0.208	ug/l #	58
52) Toluene	8.79	92	29522	8.562	ug/l	100
55) 1,1,2-Trichloroethane	9.18	97	679	0.479	ug/l #	16
67) Ethyl Benzene	10.26	91	420838	61.562	ug/l	97
68) m/p-Xylenes	10.37	106	475684	176.835	ug/l	98
69) o-Xylene	10.71	106	141452	54.310	ug/l	100
70) Styrene	10.71	104	7362	1.708	ug/l #	1
73) Isopropylbenzene	11.02	105	17646	2.330	ug/l	99
74) N-amyl acetate	6.45	43	161	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.44	75	2696	1.098	ug/l #	1
78) n-propylbenzene	11.37	91	46028	5.098	ug/l	99
79) 2-Chlorotoluene	11.44	91	37409	7.172	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	156666	24.606	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	51277	67.589	ug/l #	9

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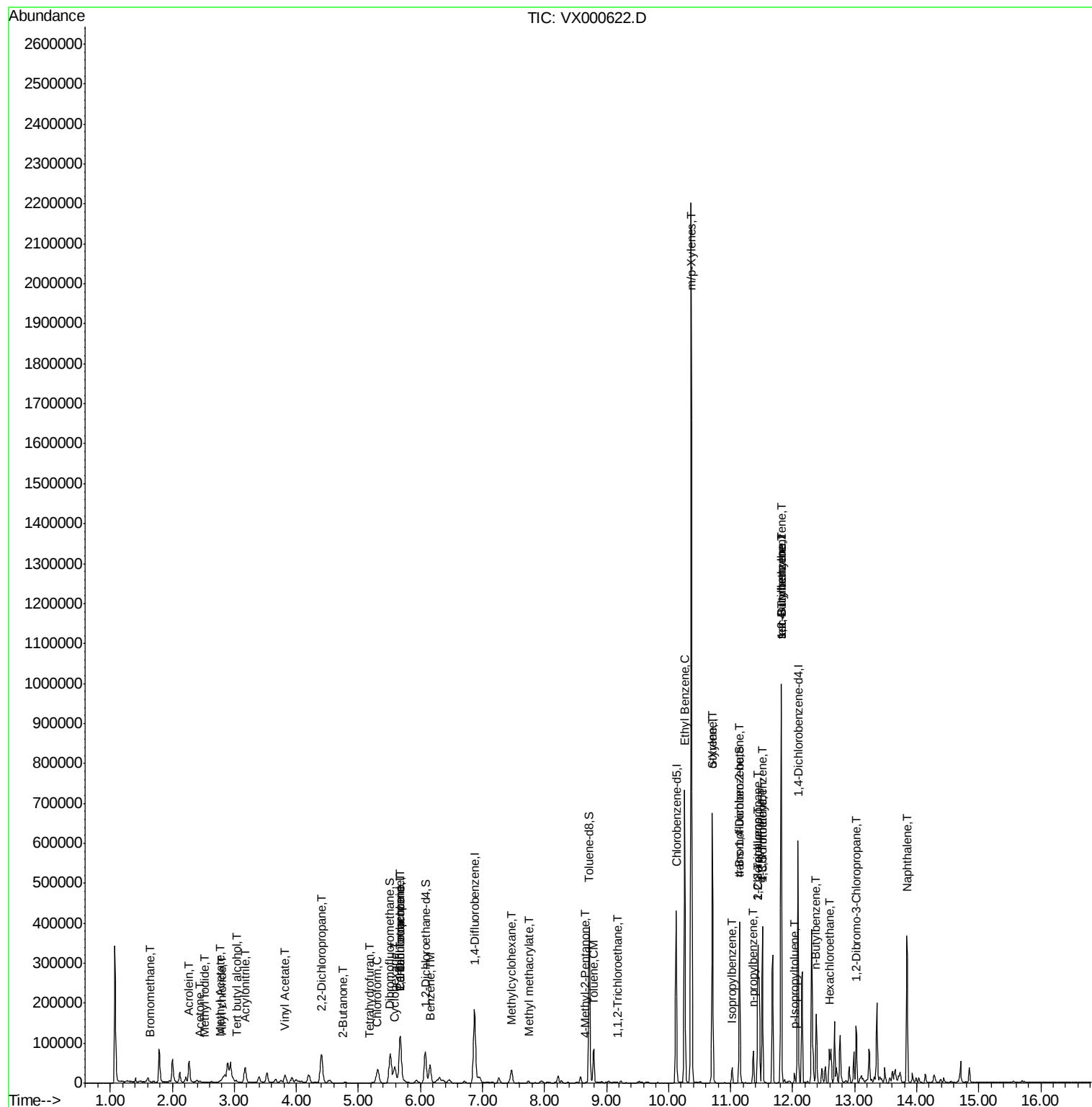
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.51	91	17931	2.879	uq/l #	44
83) tert-Butylbenzene	11.82	119	50474	7.860	uq/l #	53
84) 1,2,4-Trimethylbenzene	11.82	105	417792	62.586	uq/l	99
85) sec-Butylbenzene	11.82	105	417792	52.581	uq/l #	56
86) p-Isopropyltoluene	12.03	119	9926	1.407	uq/l	92
89) n-Butylbenzene	12.38	91	17608	2.680	uq/l #	1
90) Hexachloroethane	12.60	117	3565	3.210	uq/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.02	75	391	0.523	uq/l #	1
95) Naphthalene	13.84	128	213813	22.896	uq/l	99

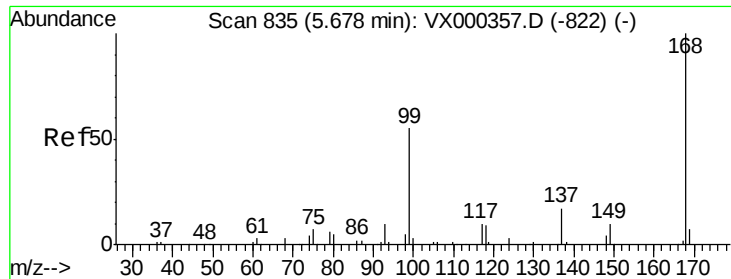
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

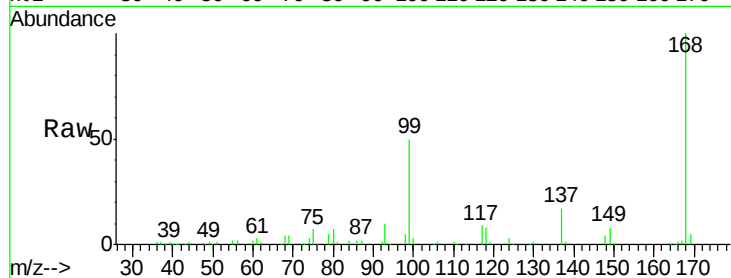
ClientSampleId :

Tot Ion:168 Resp: 113244

Ion Ratio Lower Upper

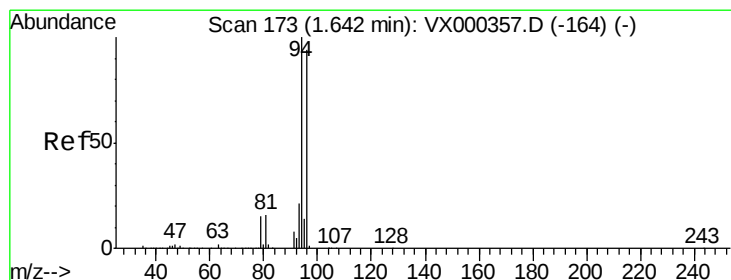
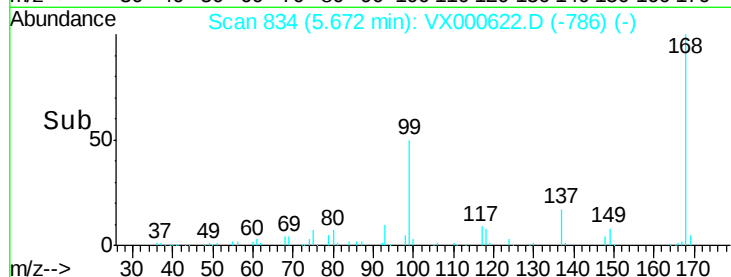
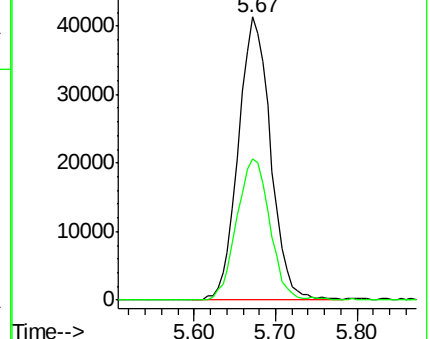
168 100

99 49.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.345 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000622.D

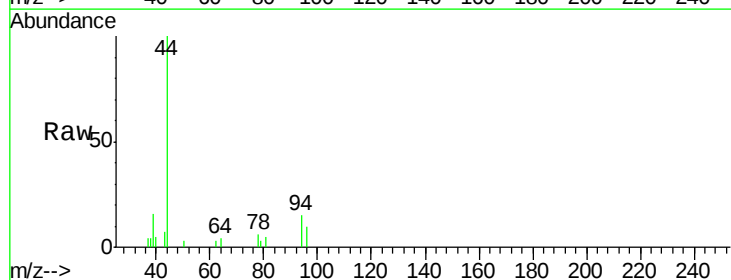
Acq: 01 Apr 2018 04:29

Tgt Ion: 94 Resp: 497

Ion Ratio Lower Upper

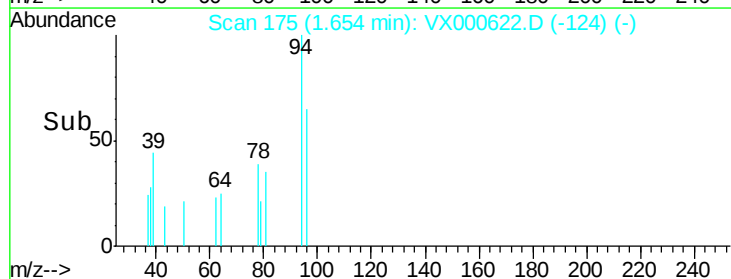
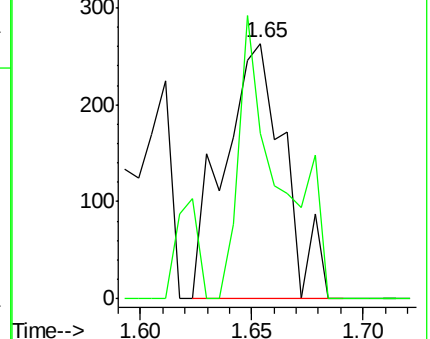
94 100

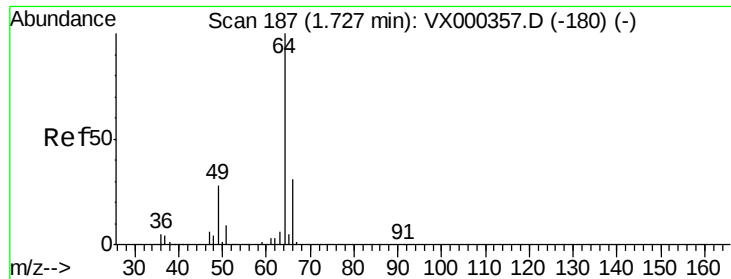
96 65.0 77.7 116.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

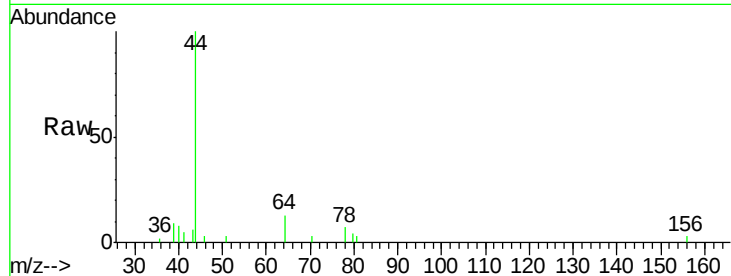
ClientSampleId :

Tot Ion: 64 Resp: 157

Ion Ratio Lower Upper

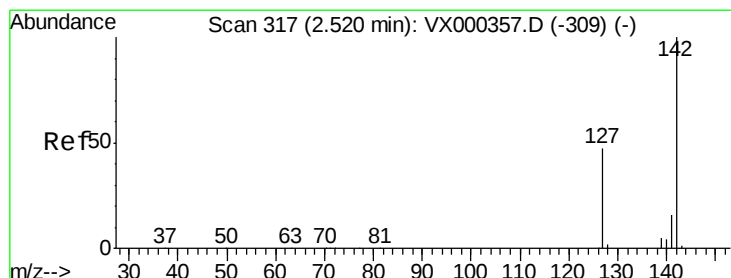
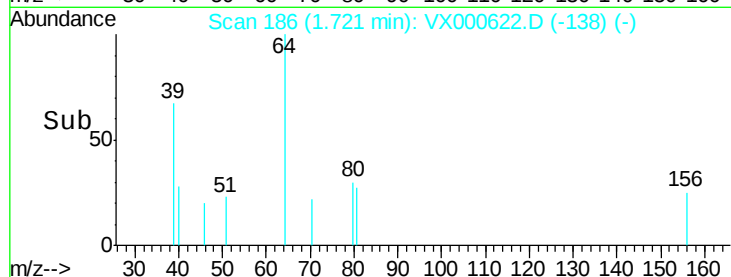
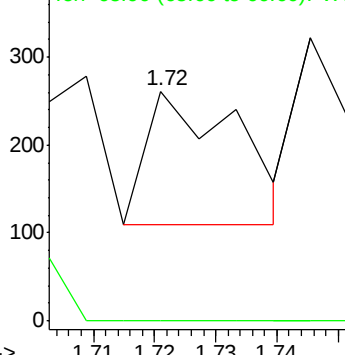
64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.400 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

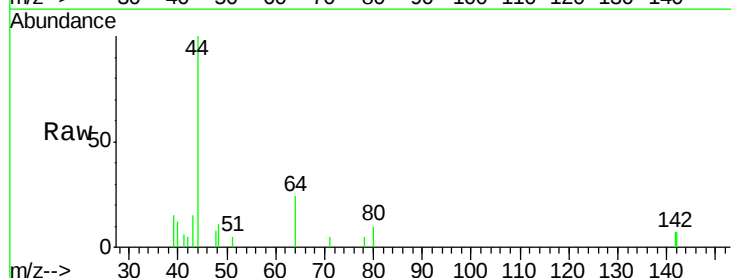
Tgt Ion: 142 Resp: 188

Ion Ratio Lower Upper

142 100

127 27.1 39.2 58.8#

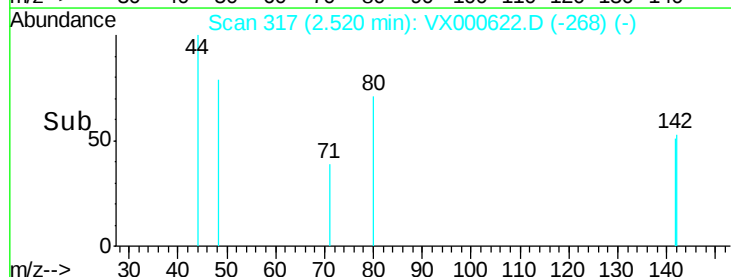
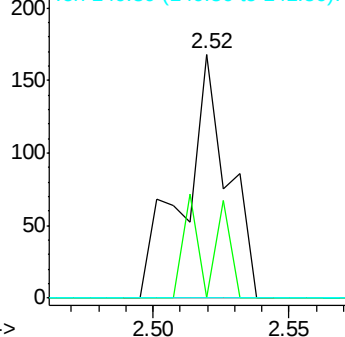
141 0.0 11.7 17.5#

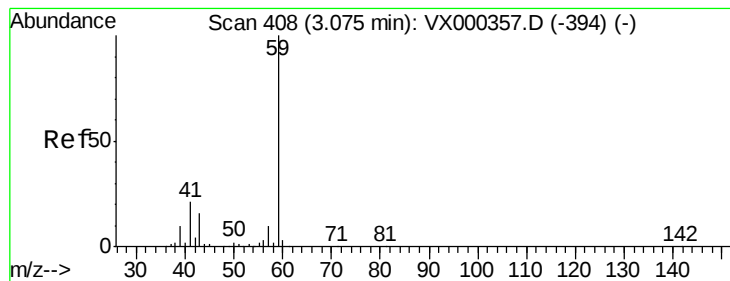


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 5.627 ug/l

RT: 3.03 min Scan# 401

Delta R.T. -0.04 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

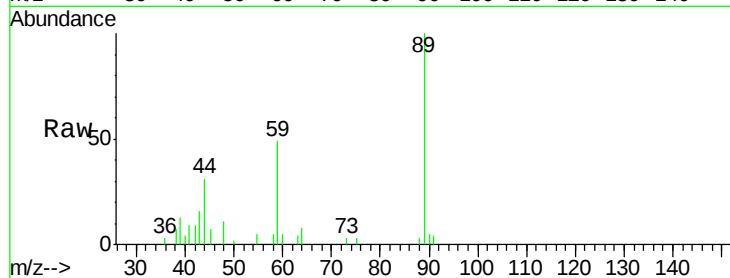
ClientSampled :

Tot Ion: 59 Resp: 2861

Ion Ratio Lower Upper

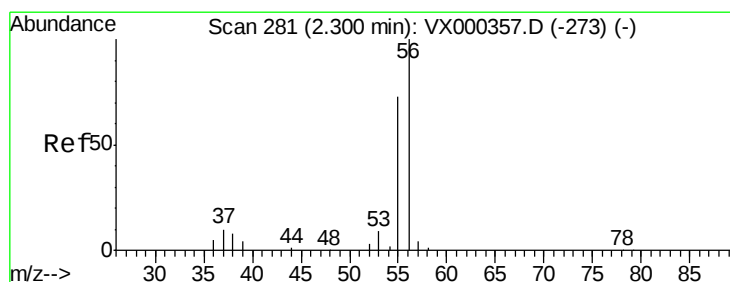
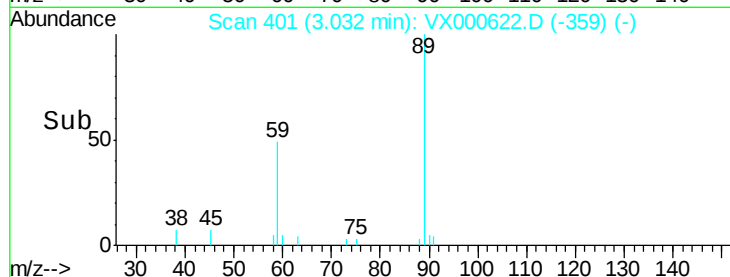
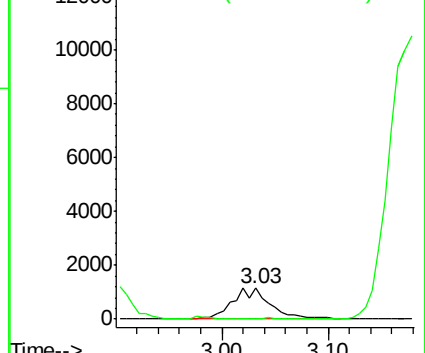
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 23.087 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.03 min

Lab File: VX000622.D

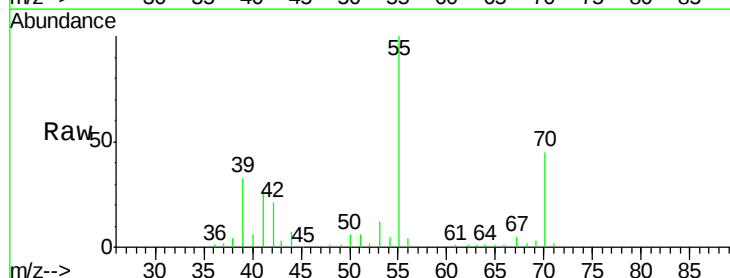
Acq: 01 Apr 2018 04:29

Tgt Ion: 56 Resp: 1467

Ion Ratio Lower Upper

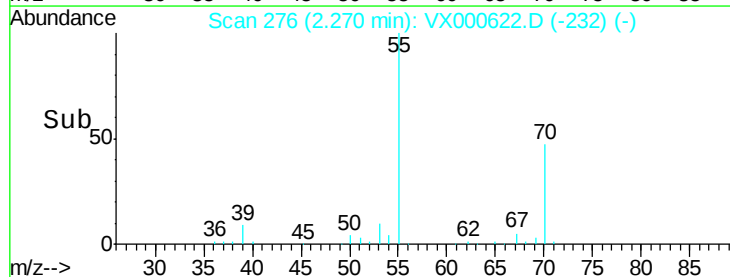
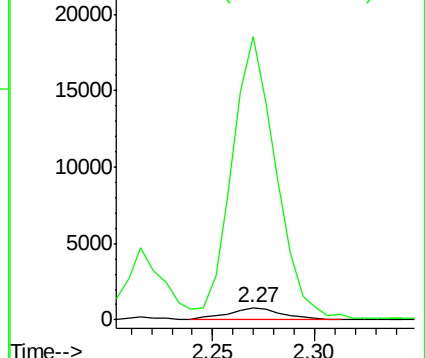
56 100

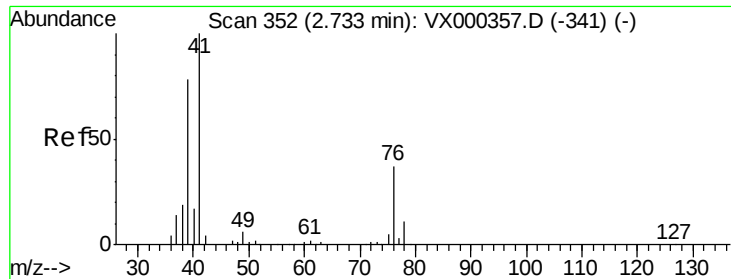
55 1883.8 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#14

Allvl chloride

Concen: 0.767 ug/l

RT: 2.79 min Scan# 362

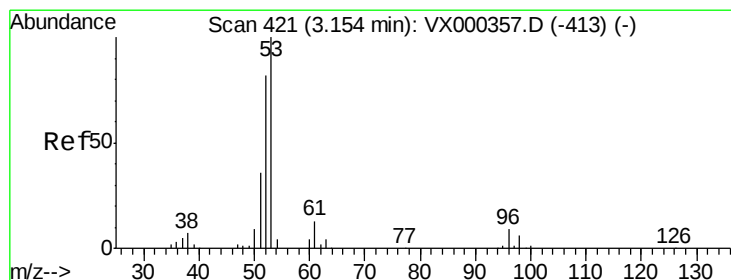
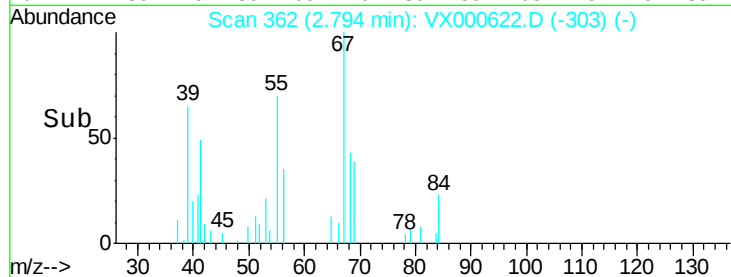
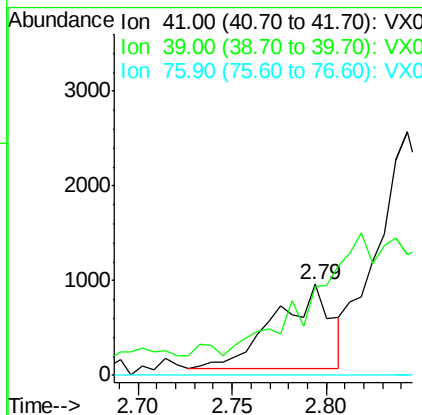
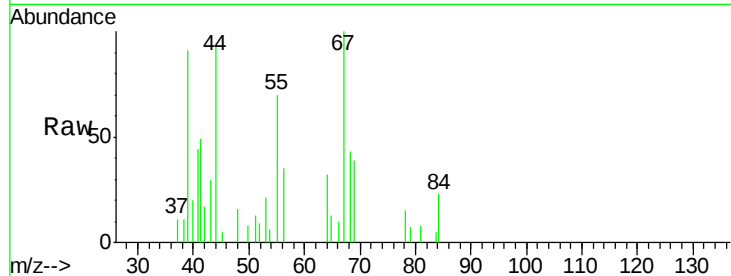
Delta R.T. 0.06 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	1880
Ion	Ratio	Lower	Upper
41	100		
39	0.0	57.6	86.4#
76	0.0	27.3	40.9#



#15

Acrylonitrile

Concen: 1.276 ug/l

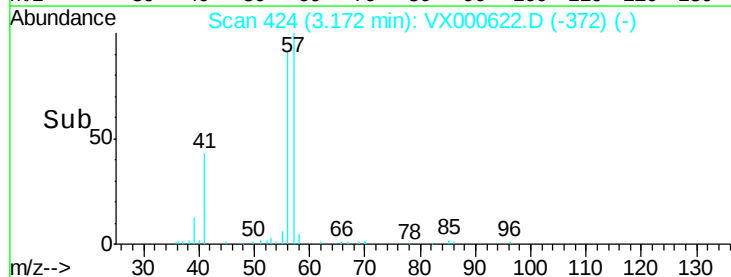
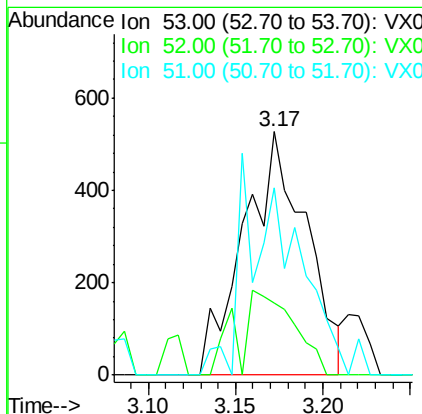
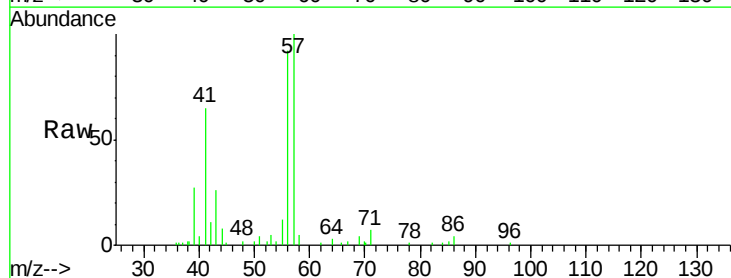
RT: 3.17 min Scan# 424

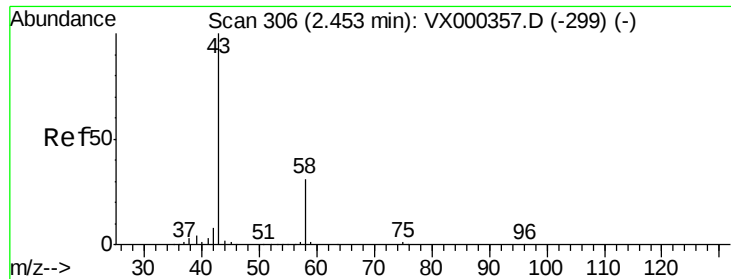
Delta R.T. 0.02 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Tgt Ion:	53	Resp:	1314
Ion	Ratio	Lower	Upper
53	100		
52	24.7	66.6	99.8#
51	42.7	29.3	43.9





#16

Acetone

Concen: 1.573 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

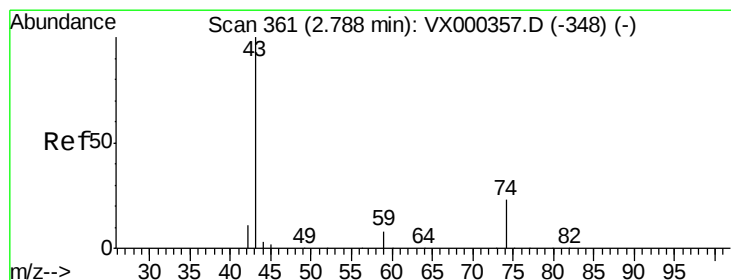
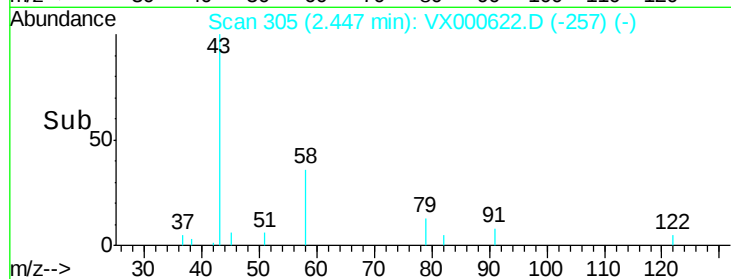
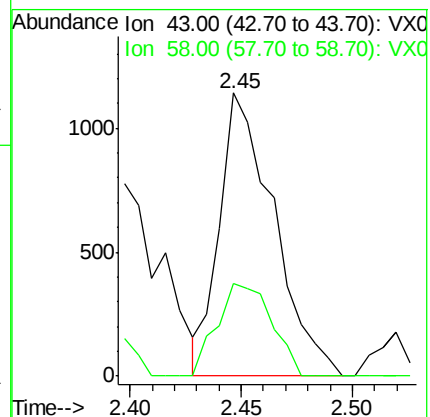
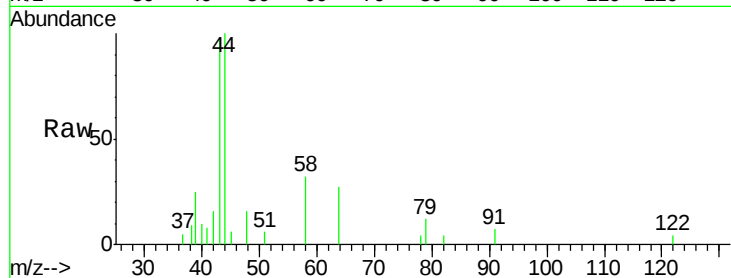
ClientSampleId :

Tot Ion: 43 Resp: 1934

Ion Ratio Lower Upper

43 100

58 32.6 24.7 37.1



#18

Methyl Acetate

Concen: 0.507 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.02 min

Lab File: VX000622.D

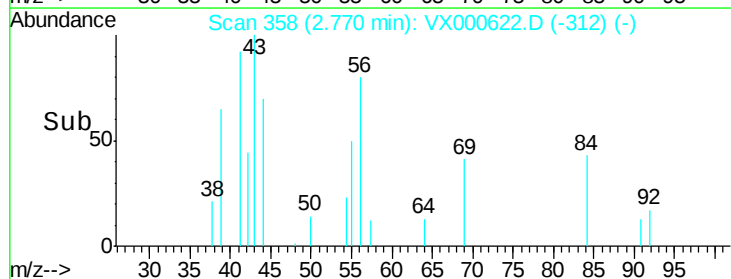
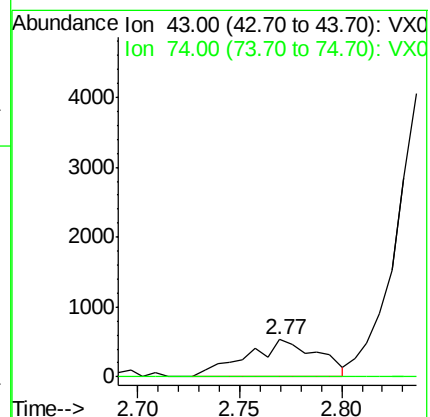
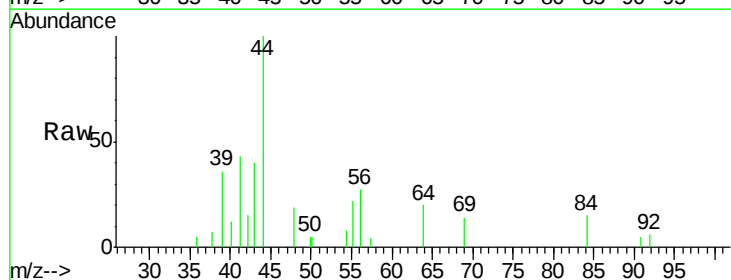
Acq: 01 Apr 2018 04:29

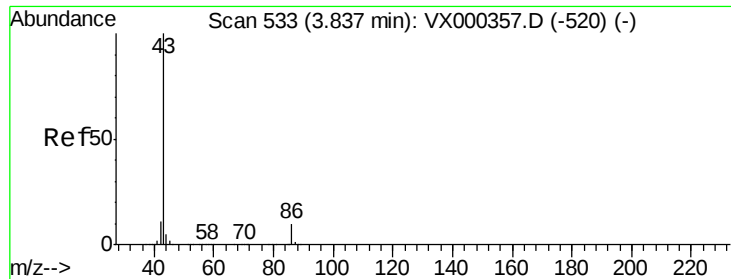
Tgt Ion: 43 Resp: 1306

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#

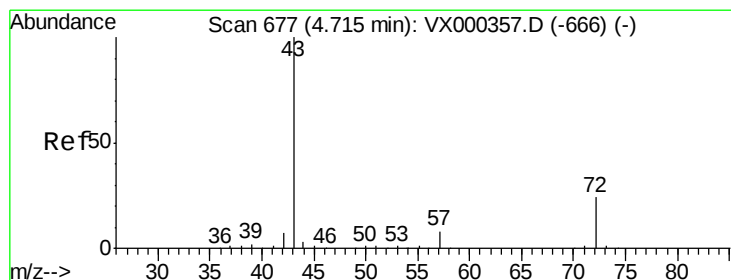
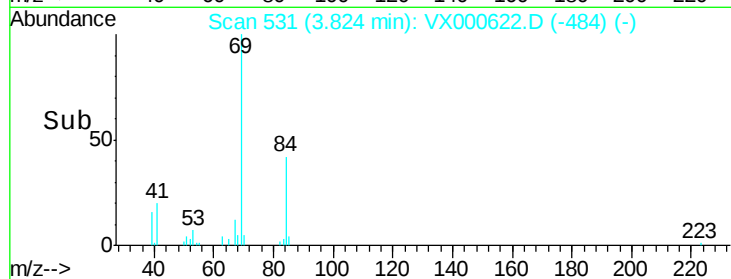
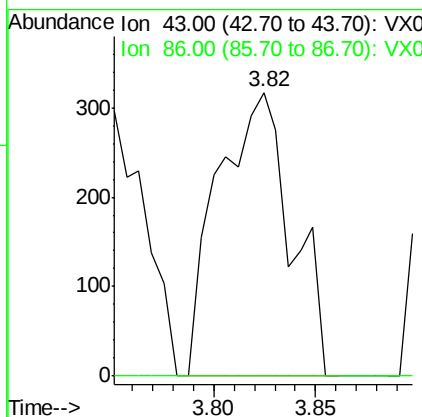
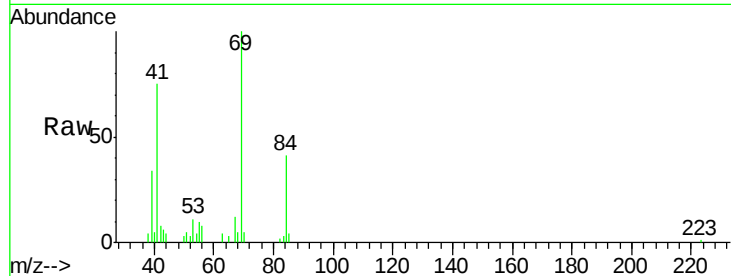




#23
 Vinyl Acetate
 Concen: 0.218 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

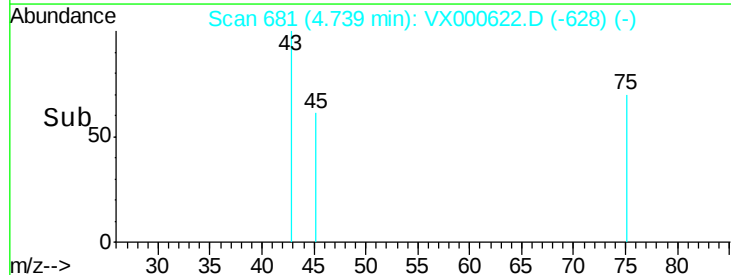
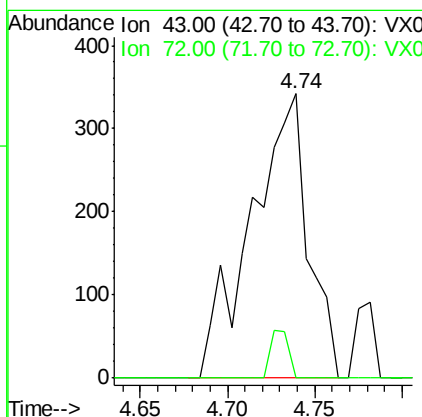
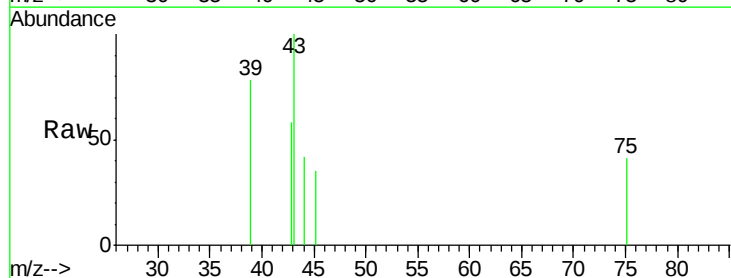
Instrument :
 MSVOA_X
 ClientSampled :

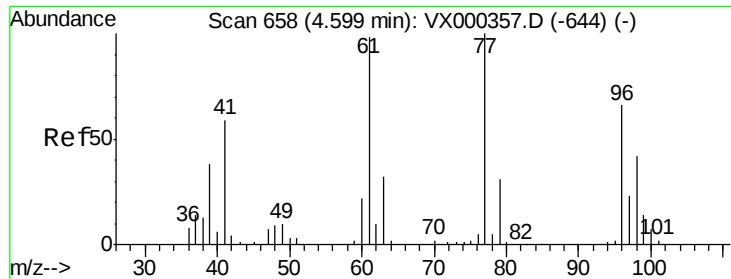
Tot Ion: 43 Resp: 794
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 0.559 ug/l
 RT: 4.74 min Scan# 681
 Delta R.T. 0.02 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

Tgt Ion: 43 Resp: 773
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.0 31.6#





#26

2,2-Dichloropropane

Concen: 0.407 ug/l

RT: 4.42 min Scan# 628

Delta R.T. -0.18 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

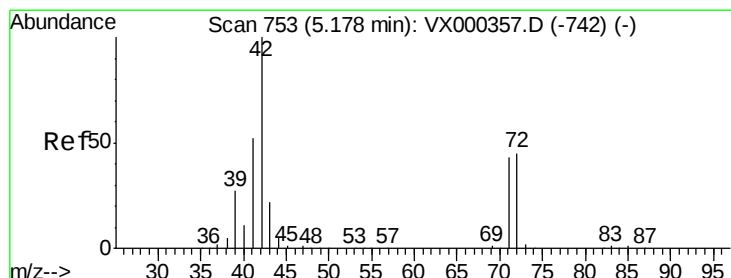
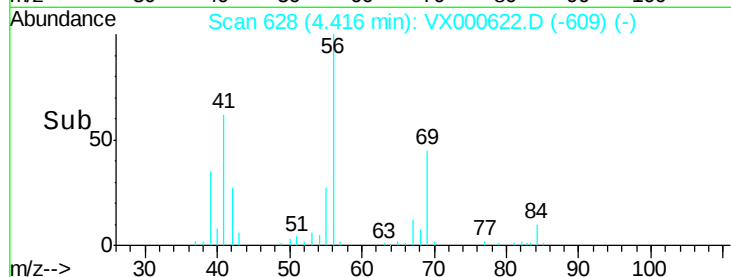
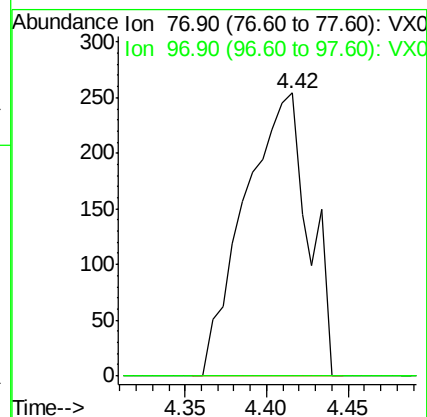
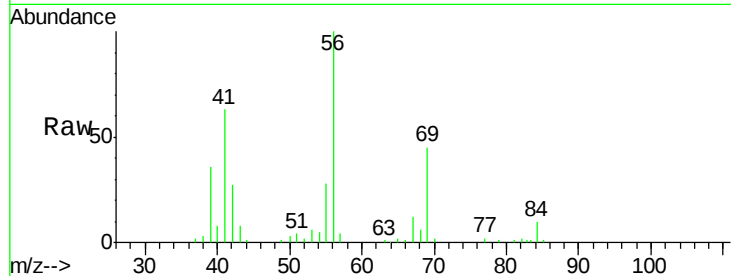
ClientSampled :

Tot Ion: 77 Resp: 688

Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.8#



#29

Tetrahydrofuran

Concen: 0.229 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

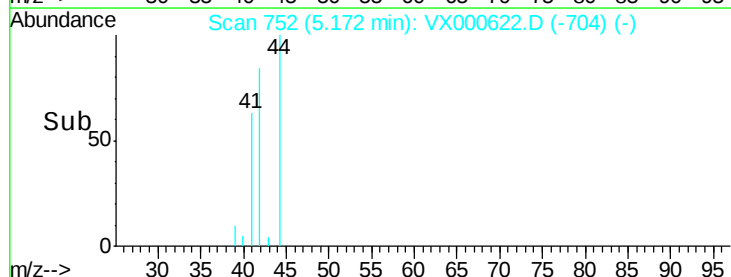
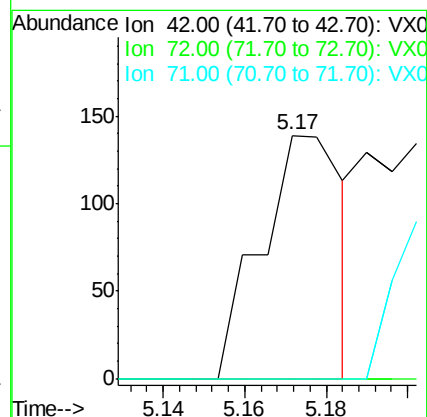
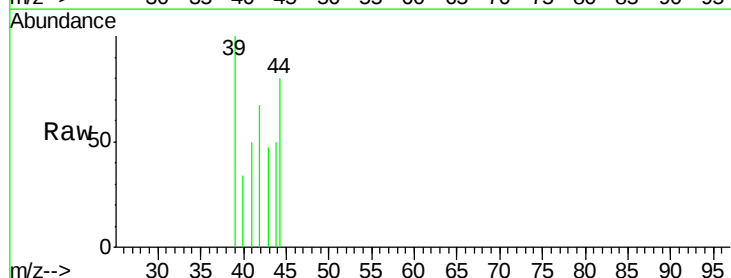
Tgt Ion: 42 Resp: 195

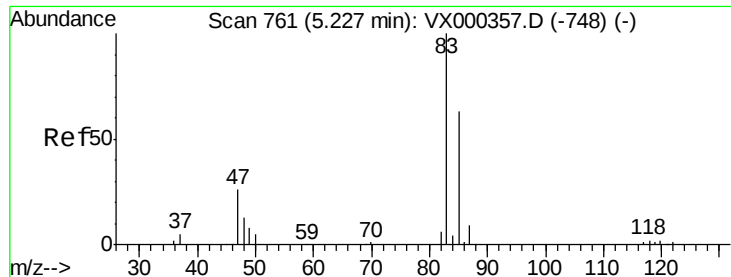
Ion Ratio Lower Upper

42 100

72 0.0 37.9 56.9#

71 0.0 34.4 51.6#

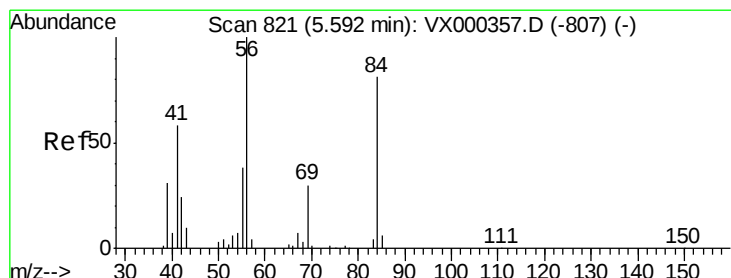
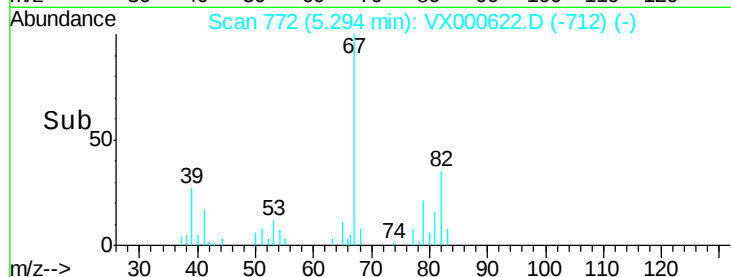
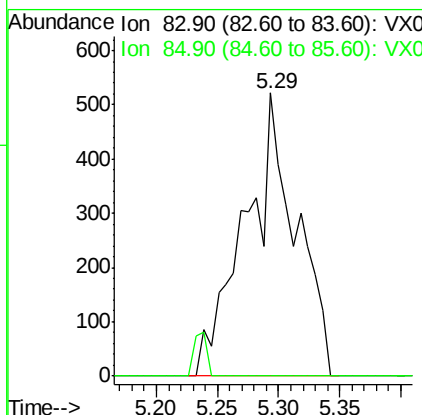
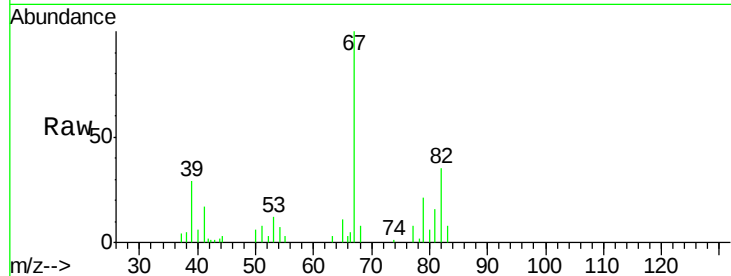




#30
Chloroform
Concen: 0.671 ug/l
RT: 5.29 min Scan# 772
Delta R.T. 0.07 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

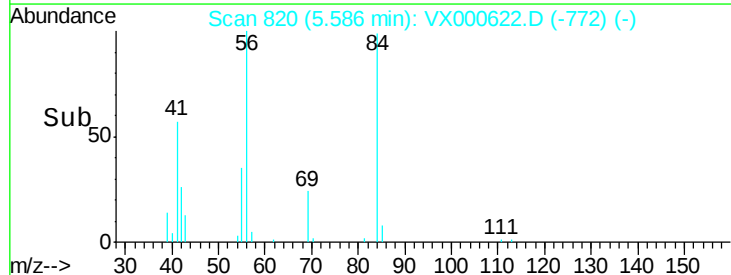
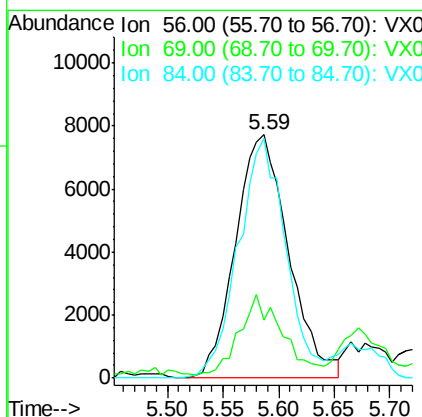
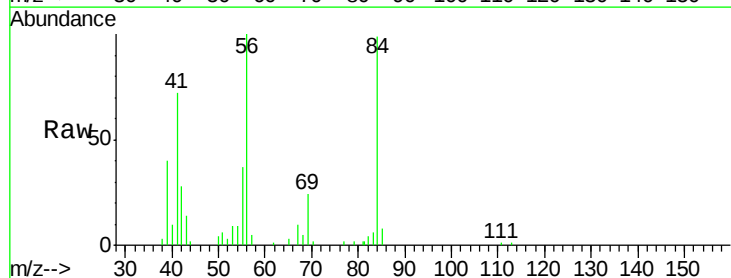
Instrument :
MSVOA_X
ClientSampleId :

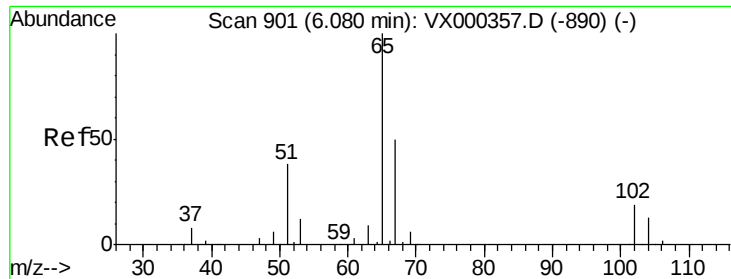
Tot Ion: 83 Resp: 1517
Ion Ratio Lower Upper
83 100
85 0.0 53.3 79.9#



#31
Cyclohexane
Concen: 13.741 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion: 56 Resp: 25627
Ion Ratio Lower Upper
56 100
69 22.1 23.4 35.0#
84 98.0 71.0 106.4

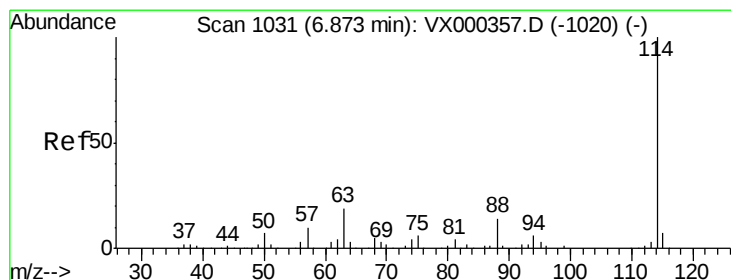
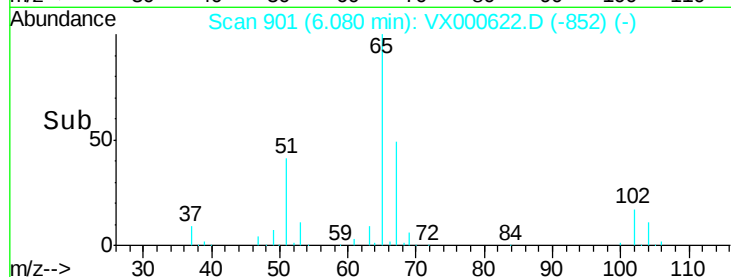
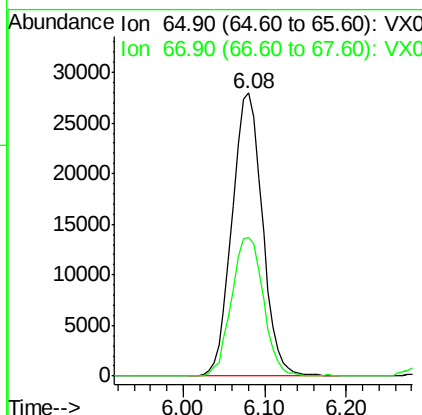
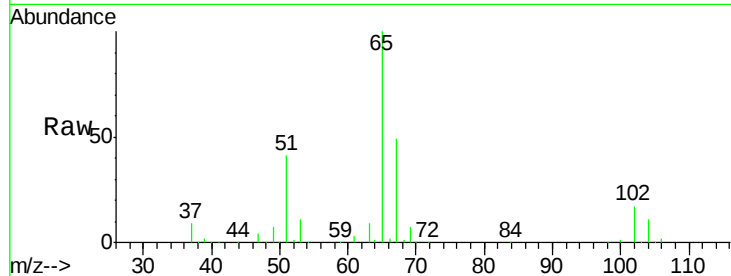




#33
 1,2-Dichloroethane-d4
 Concen: 48.671 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

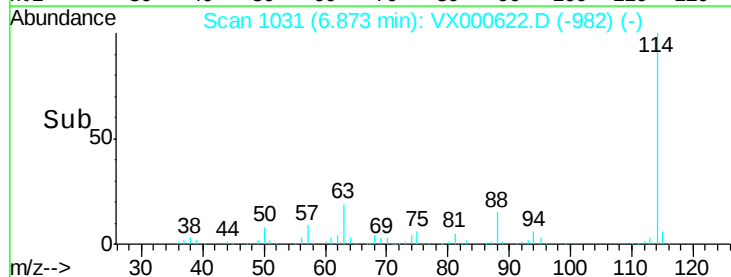
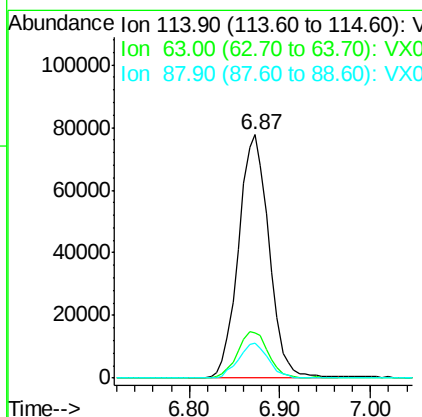
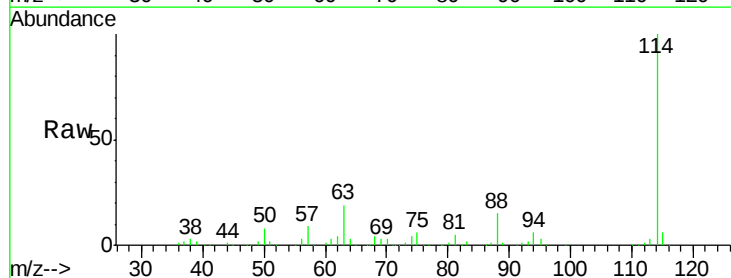
Instrument :
 MSVOA_X
 ClientSampleId :

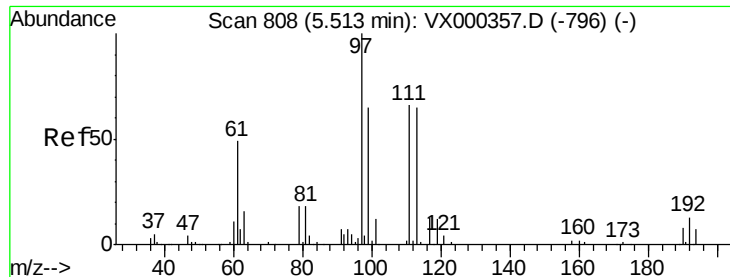
Tot Ion: 65 Resp: 71947
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

Tgt Ion: 114 Resp: 181315
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 14.6 0.0 27.0

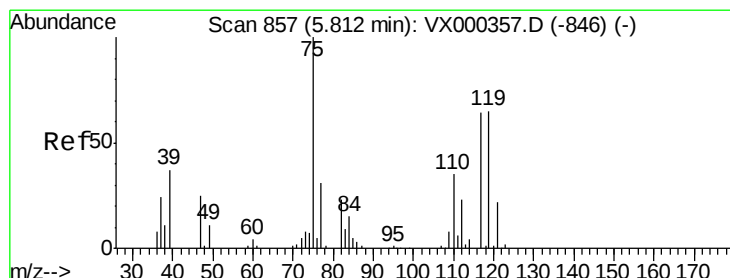
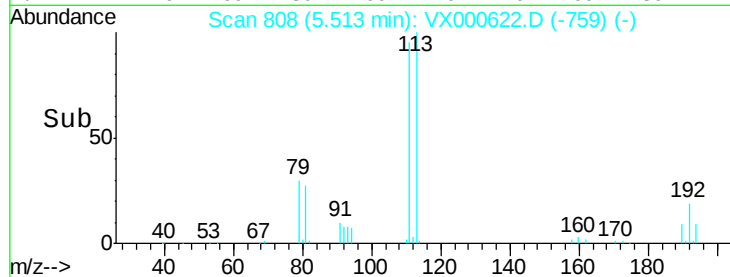
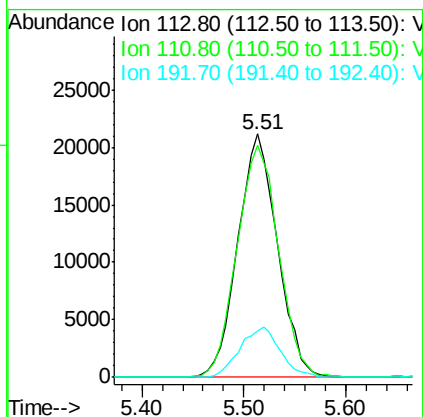
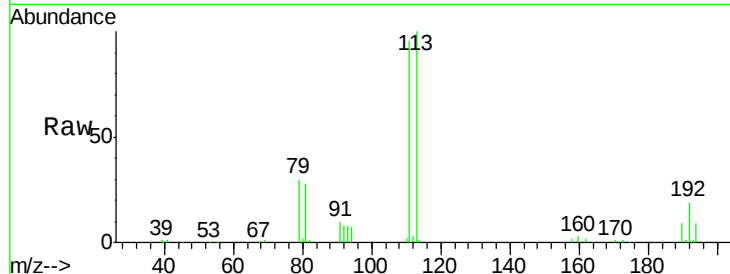




#35
 Dibromofluoromethane
 Concen: 49.963 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

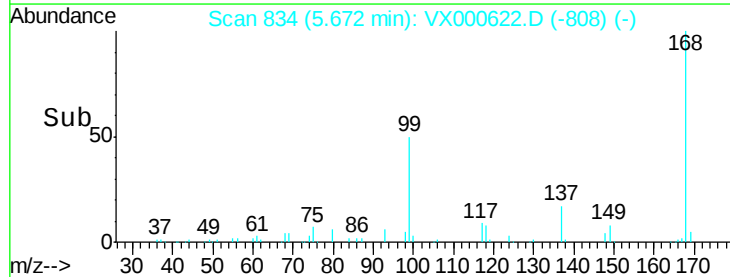
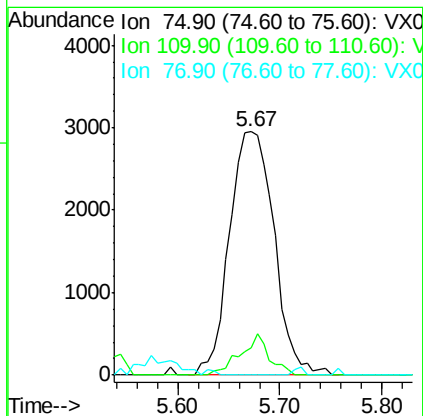
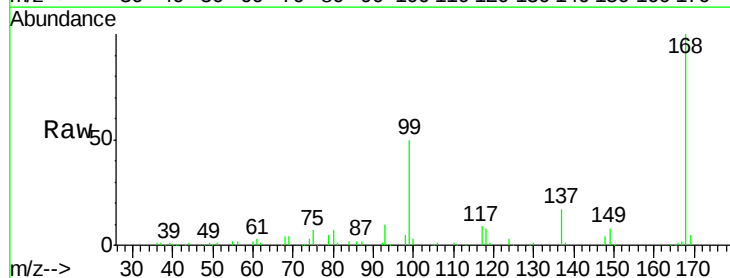
Instrument :
 MSVOA_X
 ClientSampled :

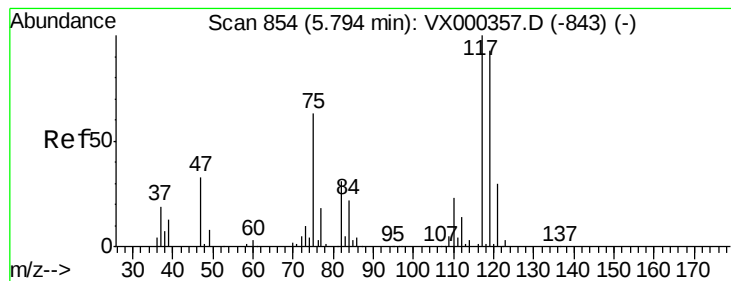
Tot Ion:113 Resp: 57080
 Ion Ratio Lower Upper
 113 100
 111 100.1 82.4 123.6
 192 21.1 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.267 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000622.D
 Acq: 01 Apr 2018 04:29

Tgt Ion: 75 Resp: 8945
 Ion Ratio Lower Upper
 75 100
 110 10.8 17.9 53.7#
 77 0.0 24.0 36.0#





#38

Carbon Tetrachloride

Concen: 6.432 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

ClientSampled :

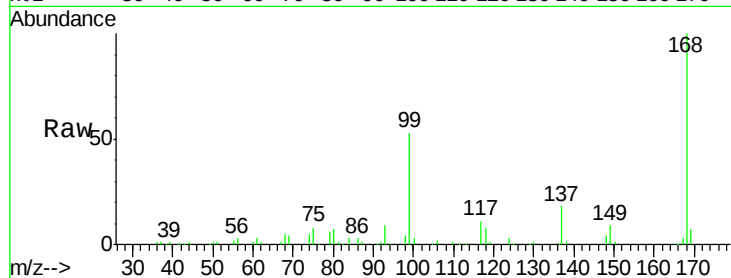
Tot Ion:117 Resp: 11461

Ion Ratio Lower Upper

117 100

119 5.7 77.4 116.2#

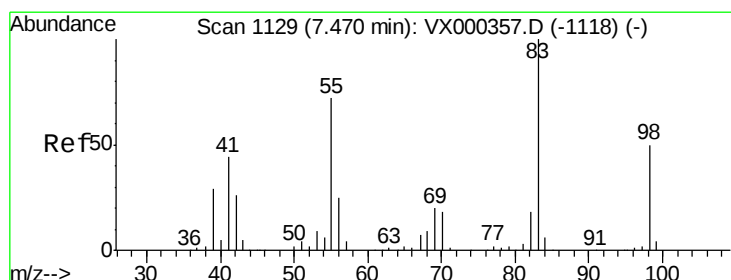
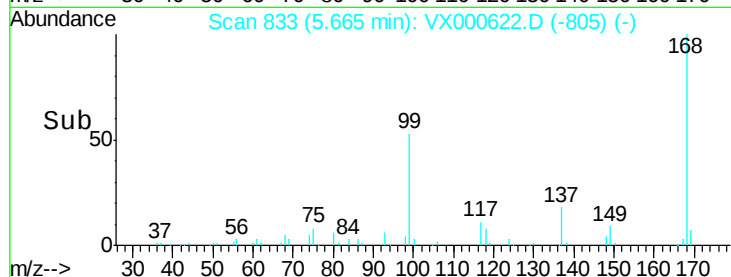
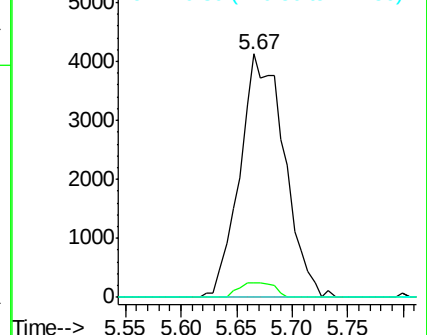
121 0.0 24.8 37.2#



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: 6.560 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

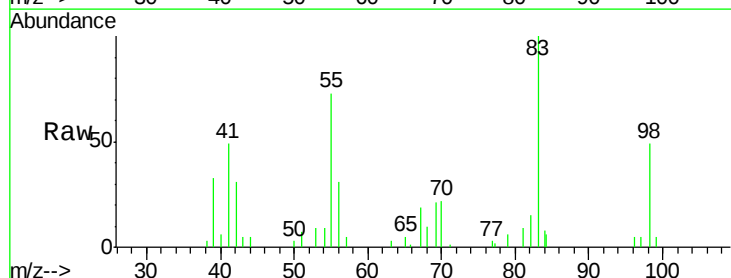
Tgt Ion: 83 Resp: 13549

Ion Ratio Lower Upper

83 100

55 73.3 55.5 83.3

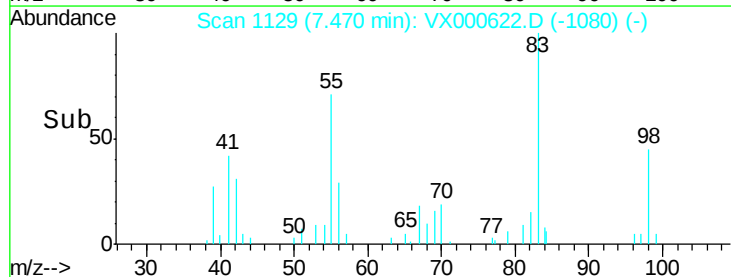
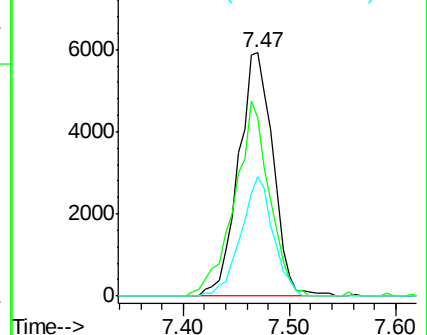
98 48.8 38.2 57.4

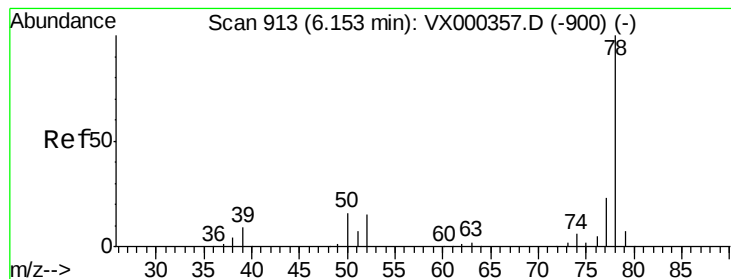


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 9.876 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

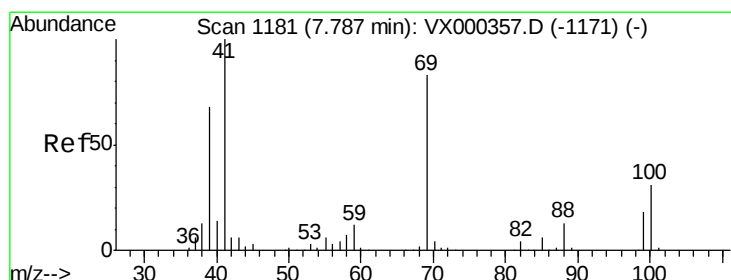
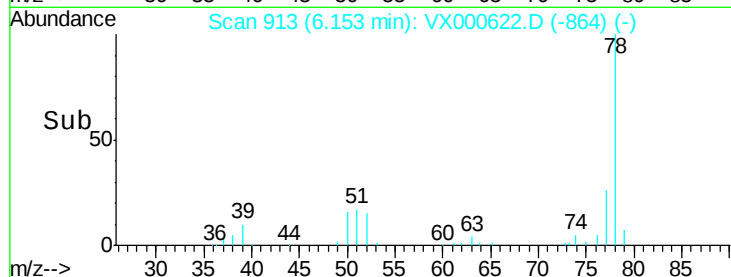
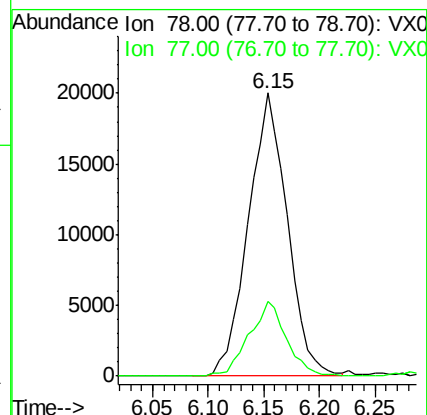
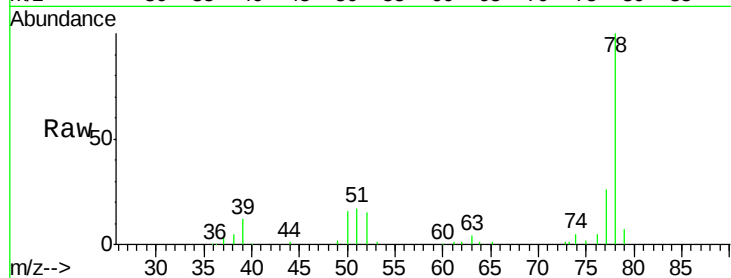
ClientSampled :

Tot Ion: 78 Resp: 48708

Ion Ratio Lower Upper

78 100

77 26.3 18.7 28.1



#48

Methyl methacrylate

Concen: 0.987 ug/l

RT: 7.74 min Scan# 1174

Delta R.T. -0.04 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

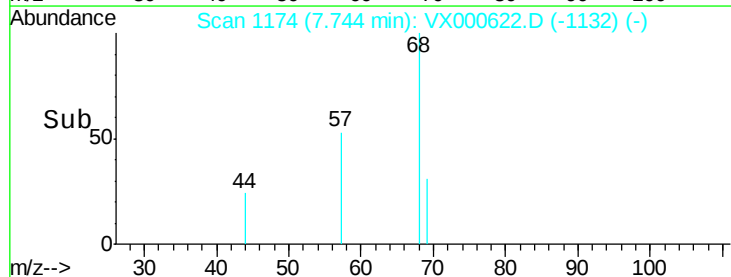
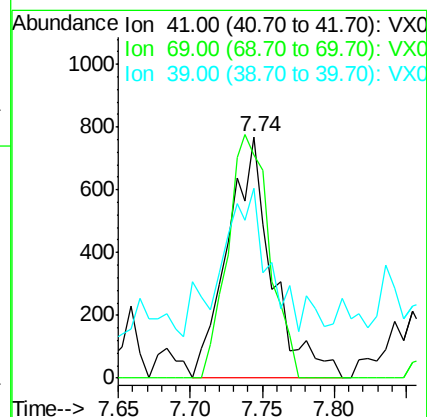
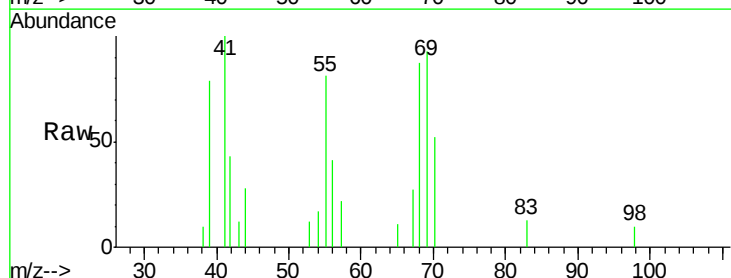
Tgt Ion: 41 Resp: 1655

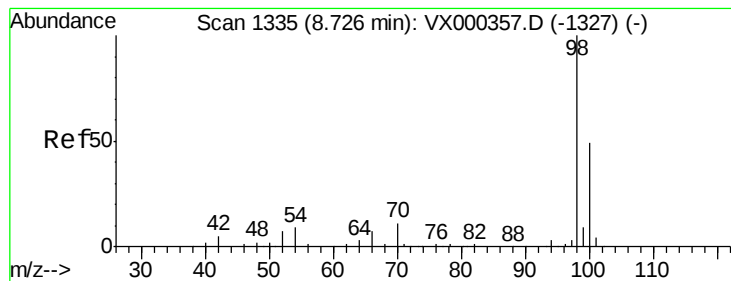
Ion Ratio Lower Upper

41 100

69 95.0 68.2 102.4

39 64.1 54.6 81.8





#50

Toluene-d8

Concen: 49.581 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

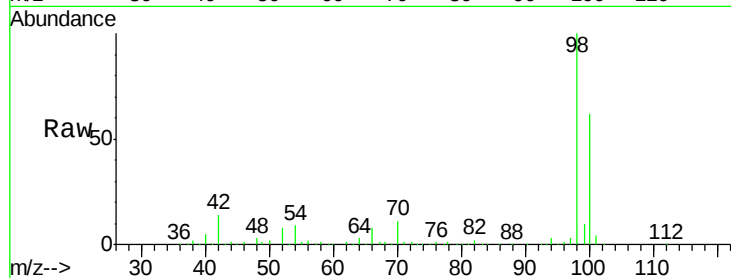
ClientSampleId :

Tot Ion: 98 Resp: 234596

Ion Ratio Lower Upper

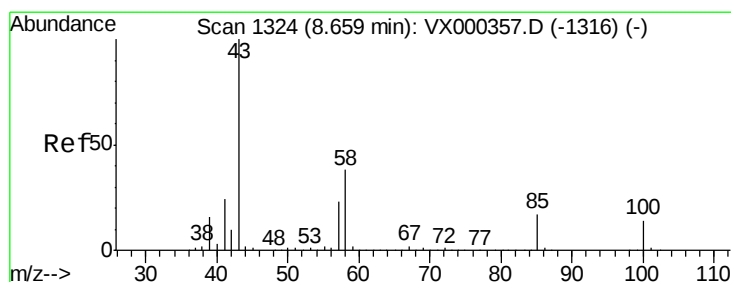
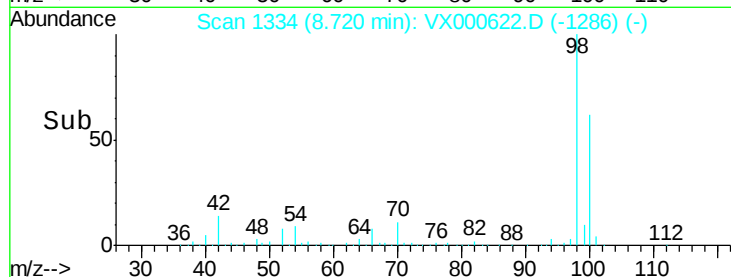
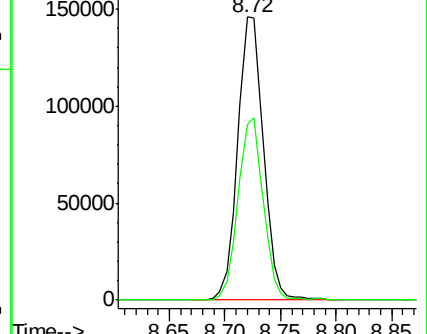
98 100

100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.208 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000622.D

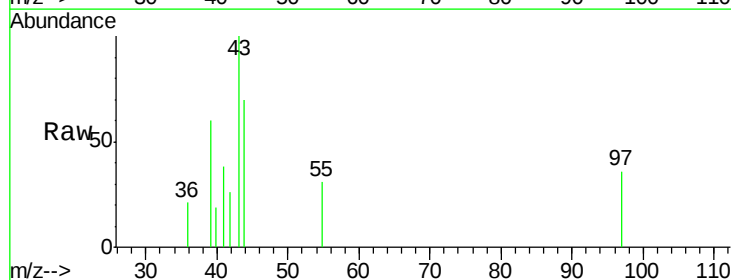
Acq: 01 Apr 2018 04:29

Tgt Ion: 43 Resp: 557

Ion Ratio Lower Upper

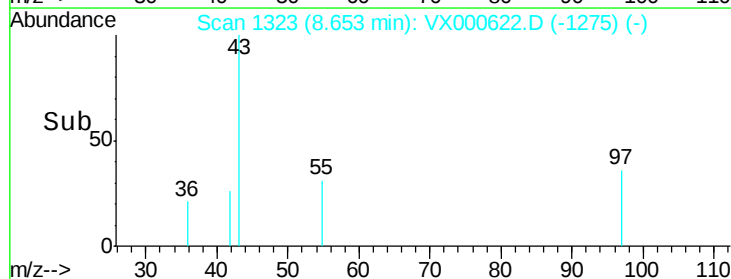
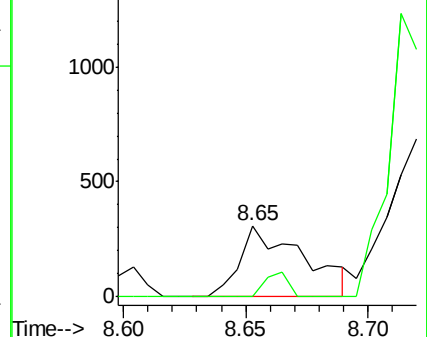
43 100

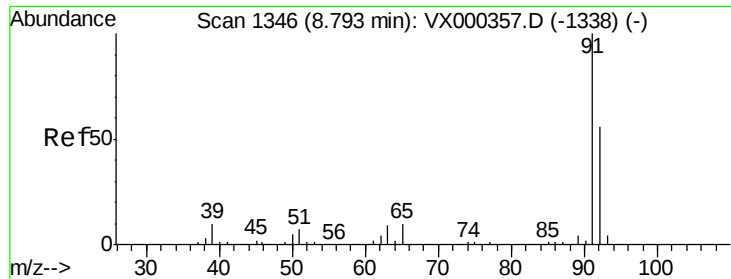
58 12.6 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 8.562 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

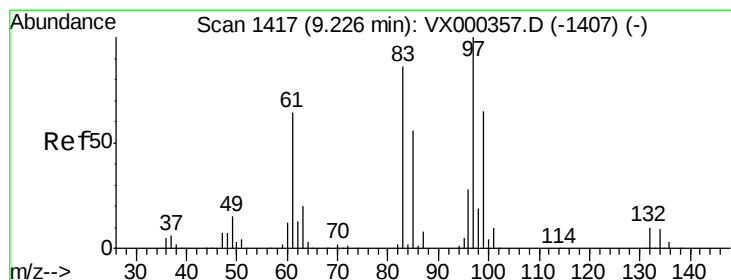
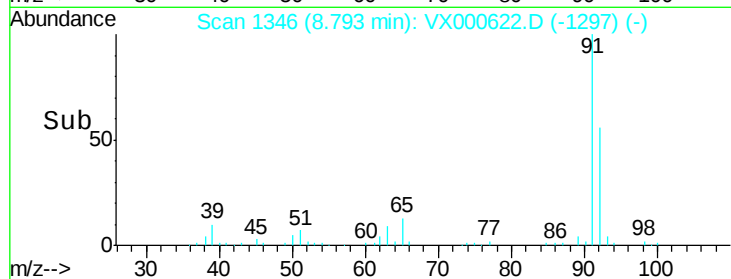
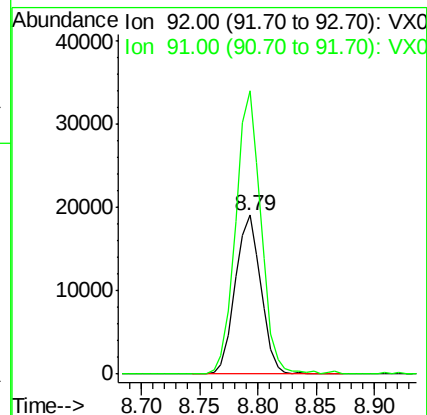
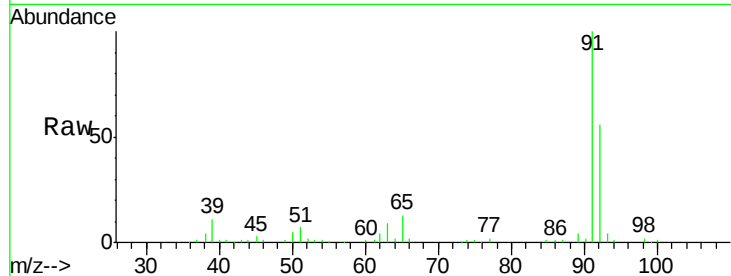
ClientSampleId :

Tot Ion: 92 Resp: 29522

Ion Ratio Lower Upper

92 100

91 174.9 140.2 210.2



#55

1,1,2-Trichloroethane

Concen: 0.479 ug/l

RT: 9.18 min Scan# 1409

Delta R.T. -0.05 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Tgt Ion: 97 Resp: 679

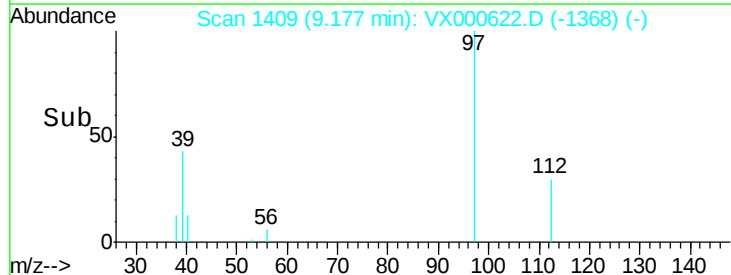
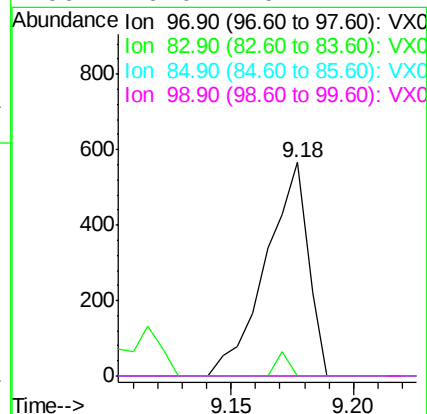
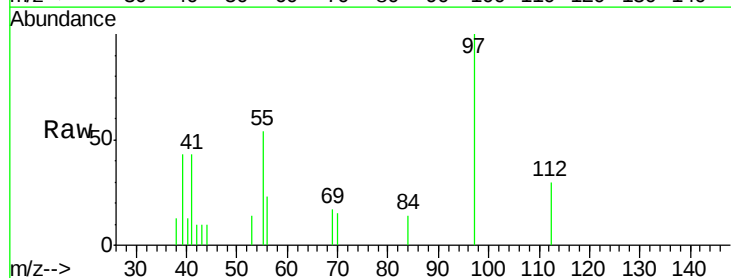
Ion Ratio Lower Upper

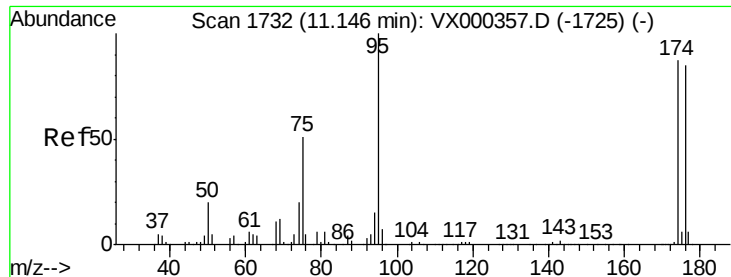
97 100

83 0.0 67.9 101.9#

85 0.0 42.8 64.2#

99 0.0 49.4 74.2#





#62

4-Bromofluorobenzene

Concen: 45.952 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

ClientSampleId :

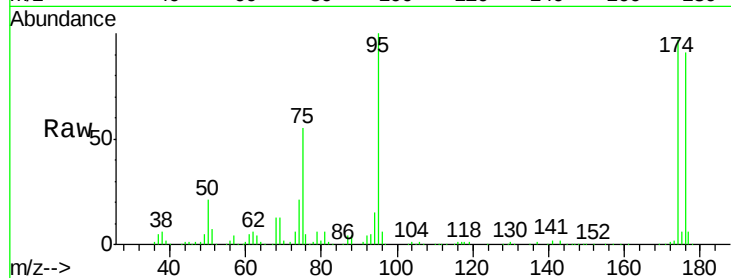
Tot Ion: 95 Resp: 90744

Ion Ratio Lower Upper

95 100

174 90.6 0.0 173.6

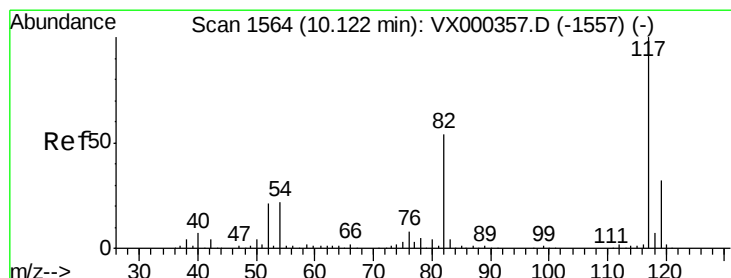
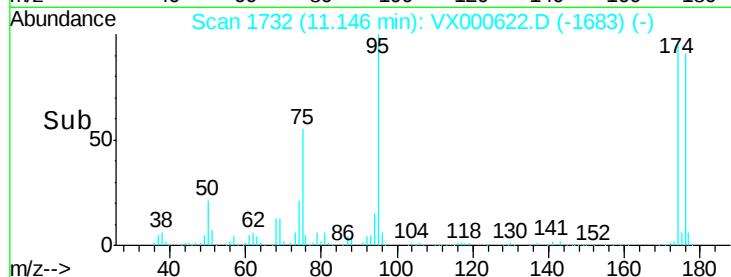
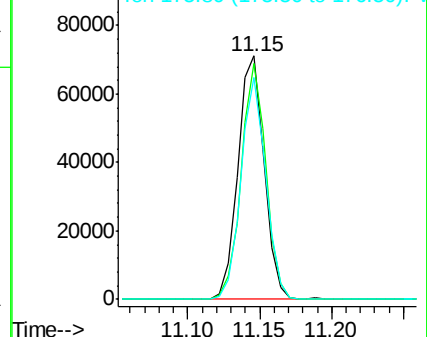
176 86.0 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000622.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000622.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000622.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

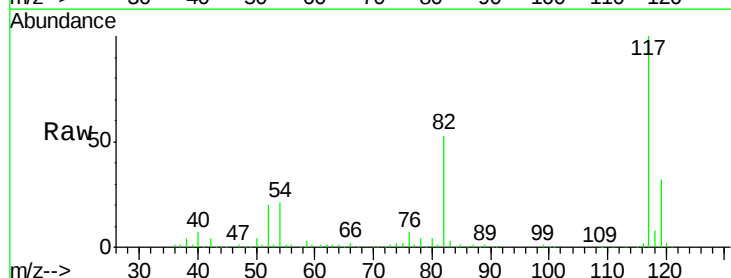
Tgt Ion: 117 Resp: 181205

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.8

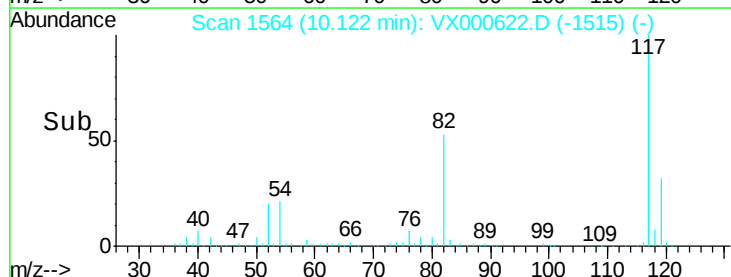
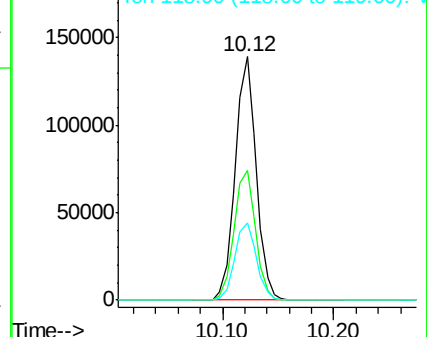
119 31.7 24.9 37.3

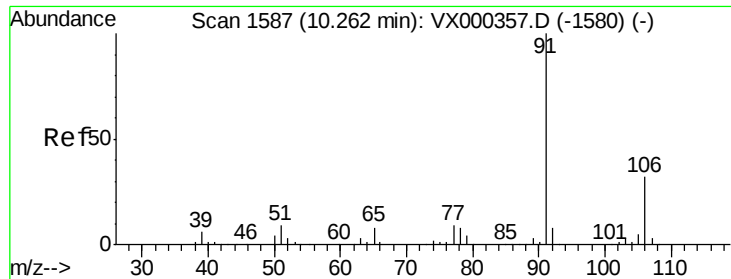


Abundance Ion 116.90 (116.60 to 117.60): VX000622.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000622.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000622.D (-1515) (-)





#67

Ethyl Benzene

Concen: 61.562 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

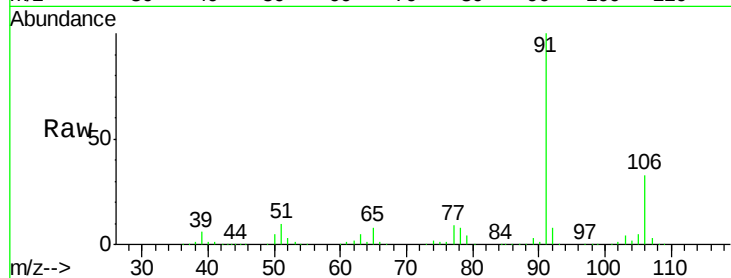
ClientSampled :

Tot Ion: 91 Resp: 420838

Ion Ratio Lower Upper

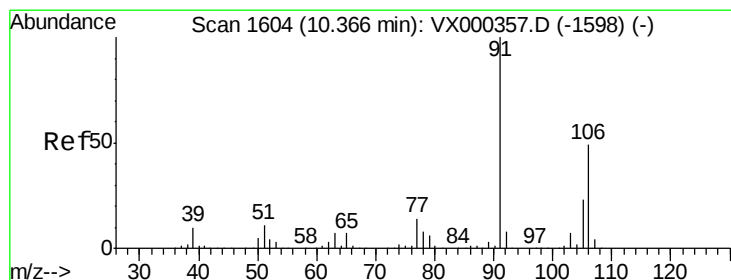
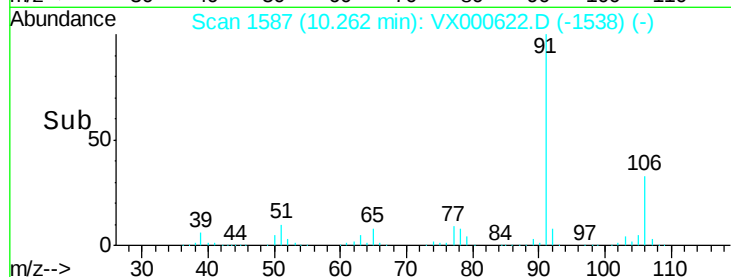
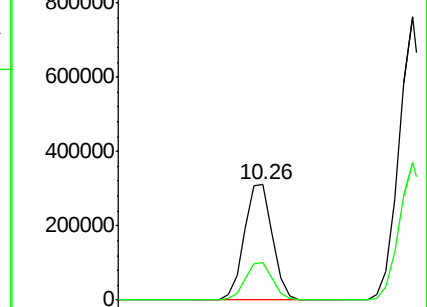
91 100

106 32.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 176.835 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000622.D

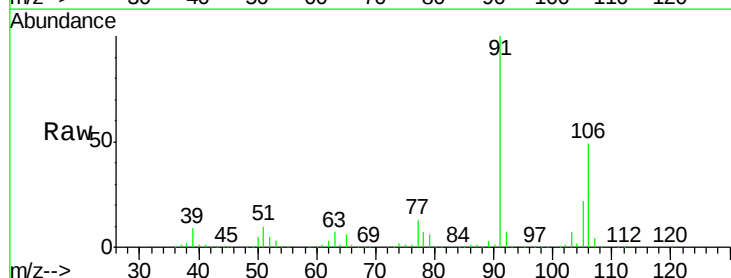
Acq: 01 Apr 2018 04:29

Tgt Ion:106 Resp: 475684

Ion Ratio Lower Upper

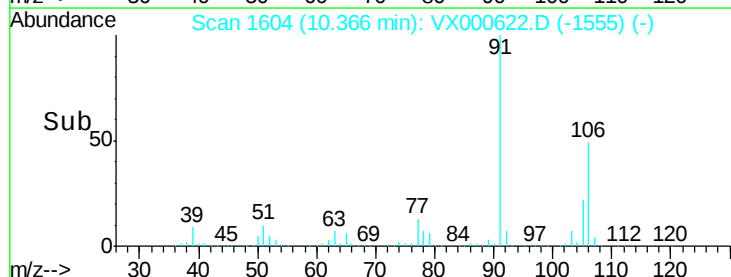
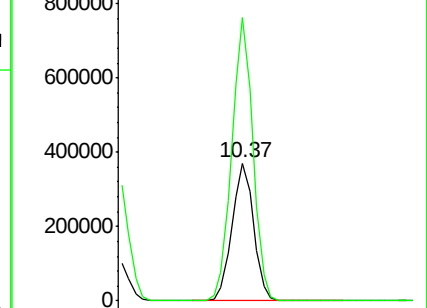
106 100

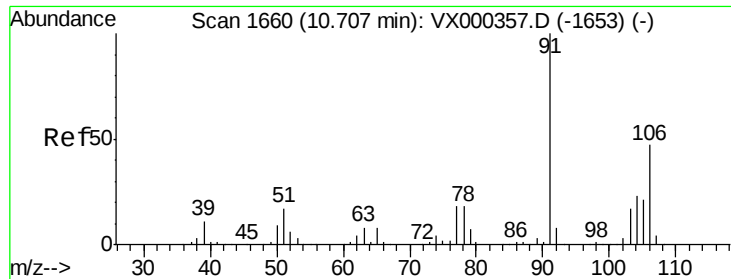
91 202.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

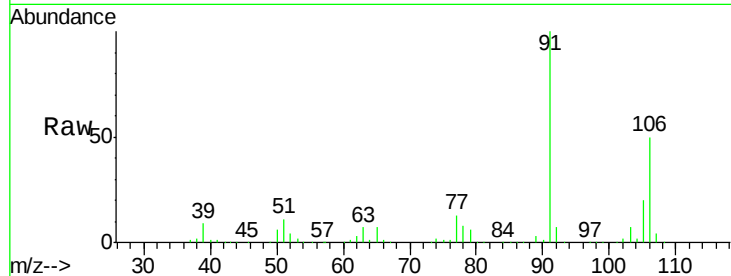




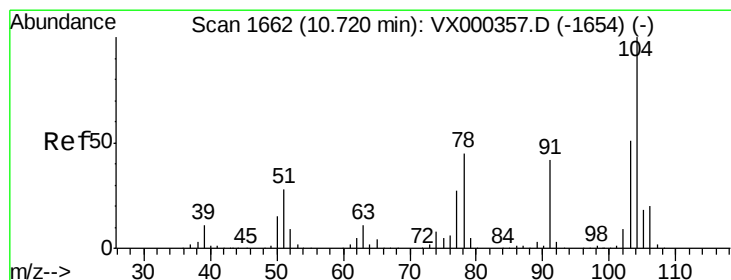
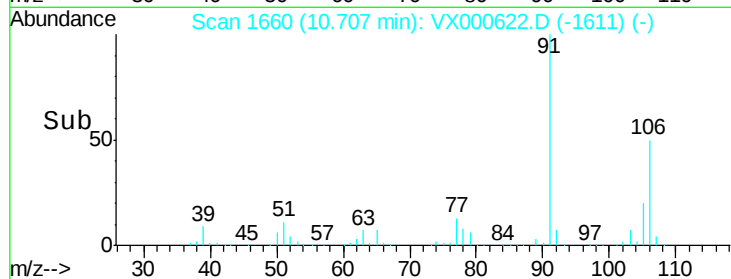
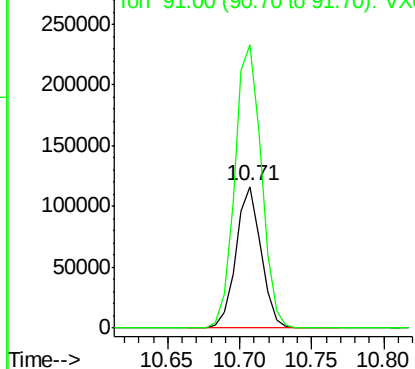
#69
o-Xylene
Concen: 54.310 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 141452
Ion Ratio Lower Upper
106 100
91 212.6 106.5 319.6

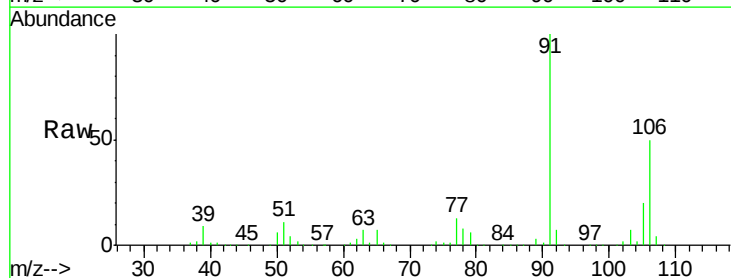


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

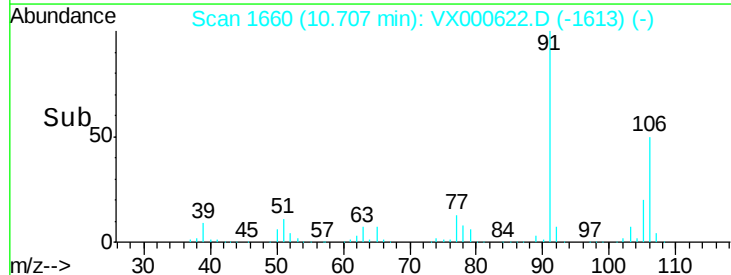
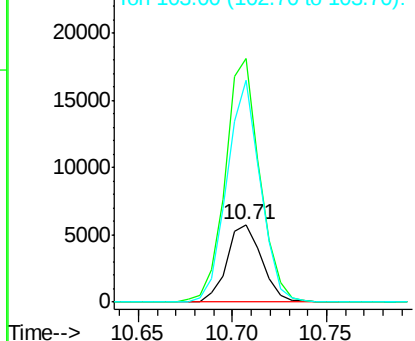


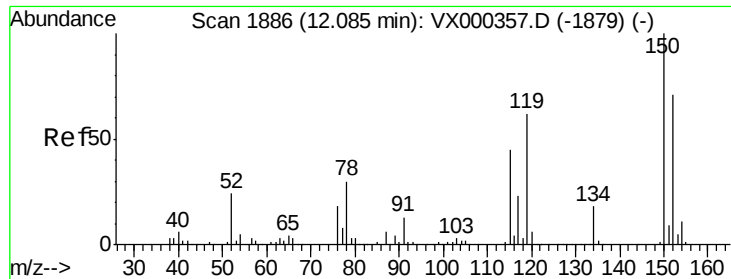
#70
Styrene
Concen: 1.708 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion:104 Resp: 7362
Ion Ratio Lower Upper
104 100
78 312.0 40.5 60.7#
103 274.2 45.7 68.5#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

ClientSampleId :

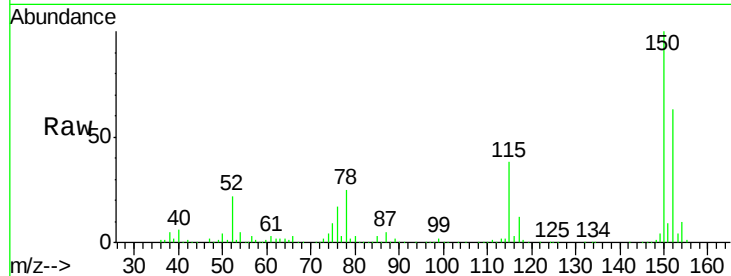
Tot Ion:152 Resp: 114289

Ion Ratio Lower Upper

152 100

115 58.0 39.8 119.3

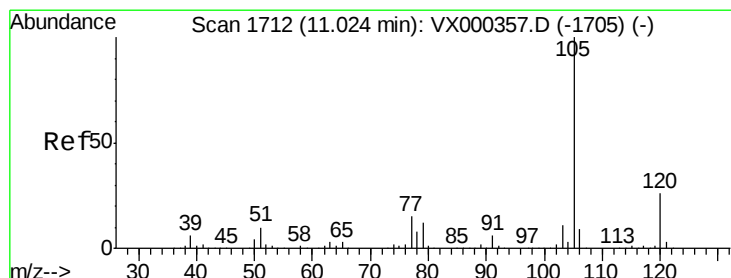
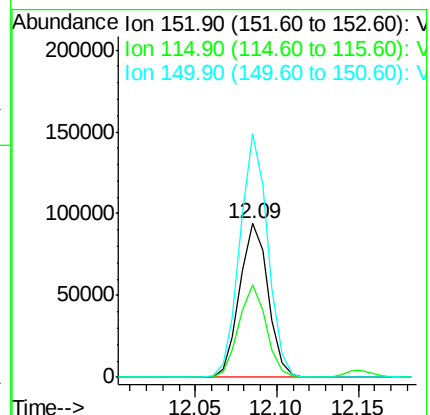
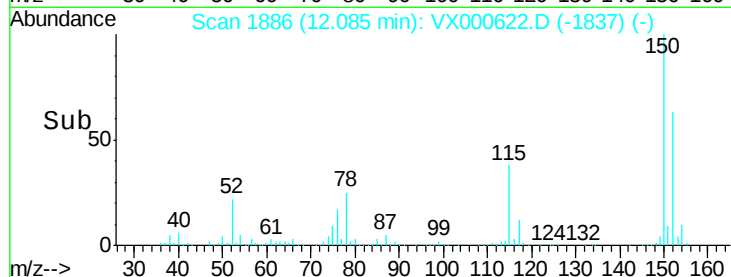
150 154.5 0.0 344.4



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: 2.330 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000622.D

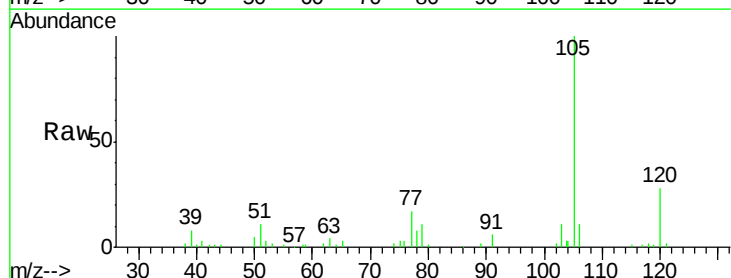
Acq: 01 Apr 2018 04:29

Tgt Ion:105 Resp: 17646

Ion Ratio Lower Upper

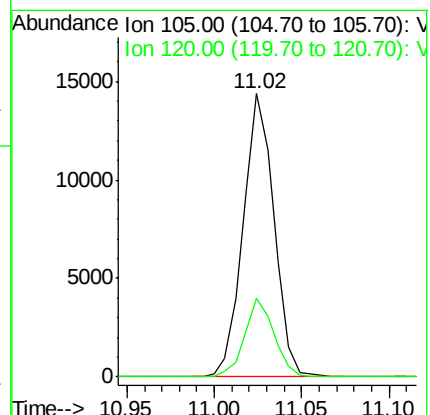
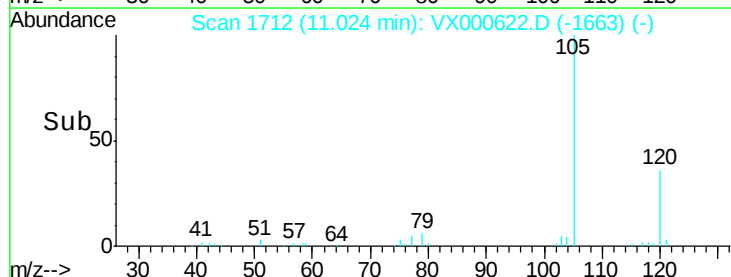
105 100

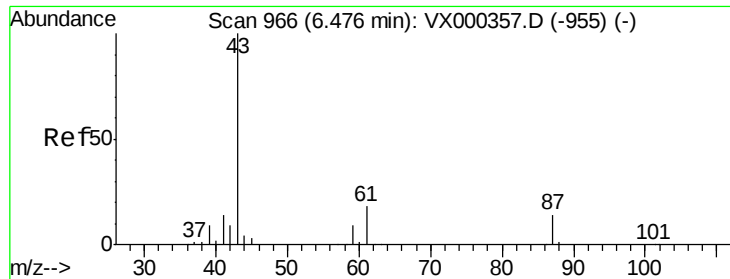
120 26.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 6.45 min Scan# 962

Delta R.T. -0.02 min

Lab File: VX000622.D

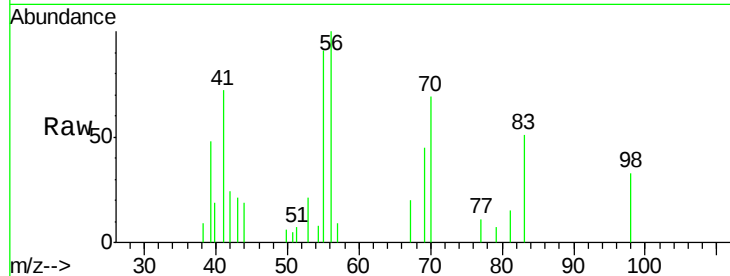
Acq: 01 Apr 2018 04:29

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 161

Ion Ratio Lower Upper

43	100		
70	1475.2	0.0	0.0#
55	2068.3	0.0	0.0#
61	0.0	14.4	21.6#

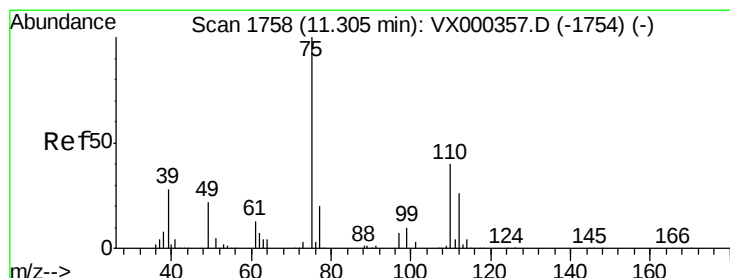
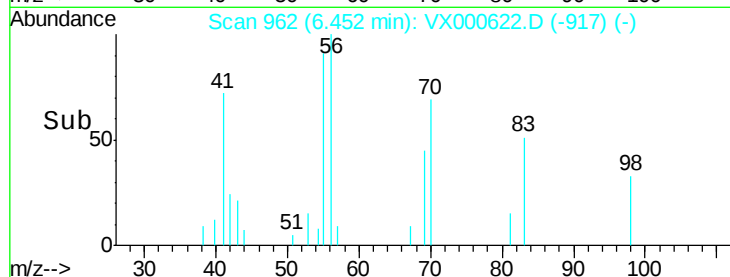
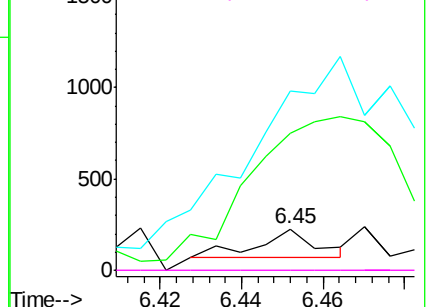


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 1.098 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.13 min

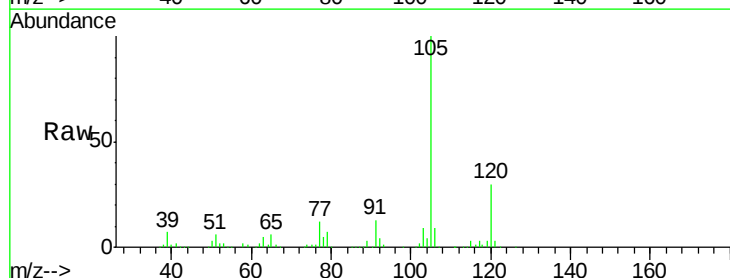
Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Tgt Ion: 75 Resp: 2696

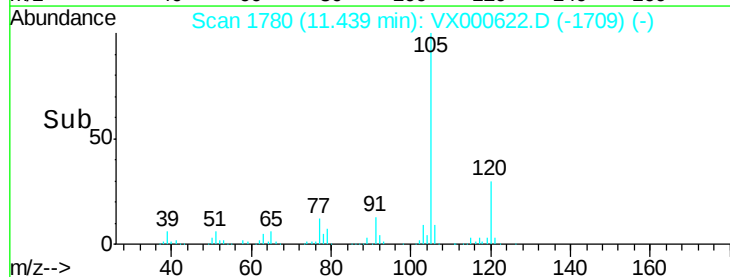
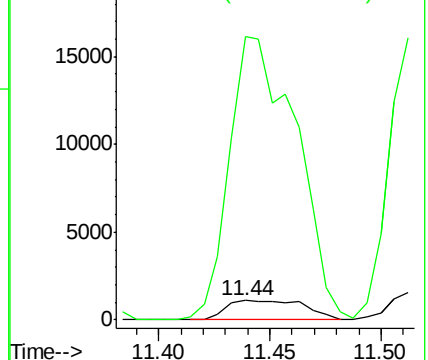
Ion Ratio Lower Upper

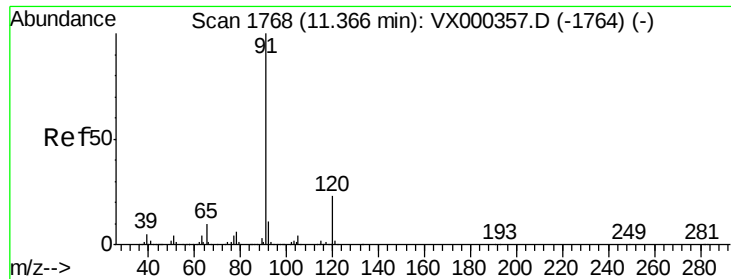
75	100		
77	1248.6	21.4	64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.098 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

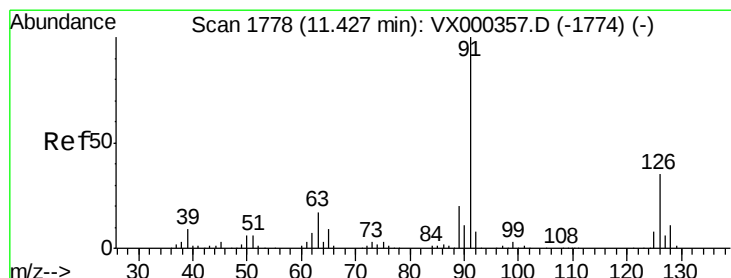
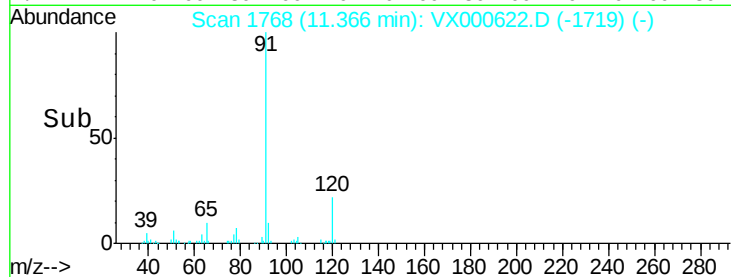
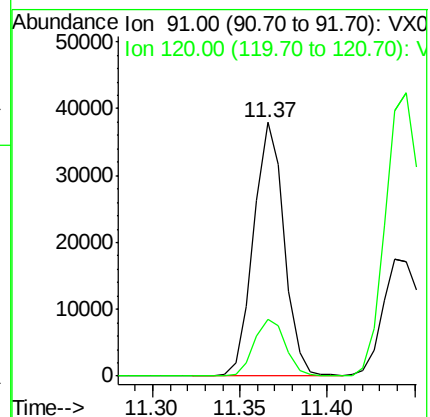
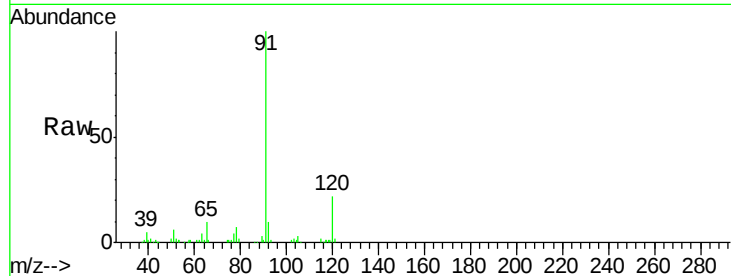
ClientSampleId :

Tot Ion: 91 Resp: 46028

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.3



#79

2-Chlorotoluene

Concen: 7.172 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX000622.D

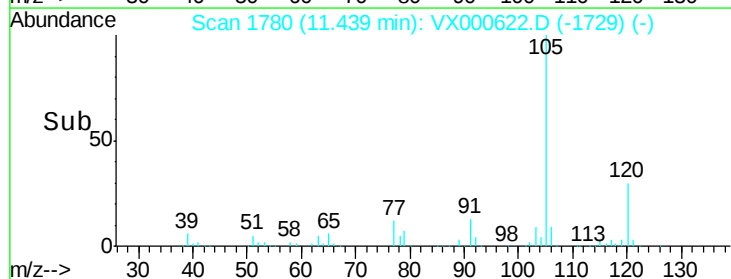
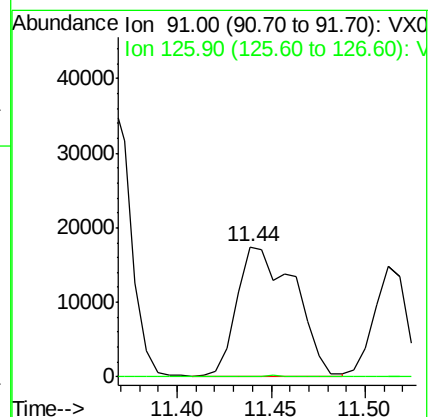
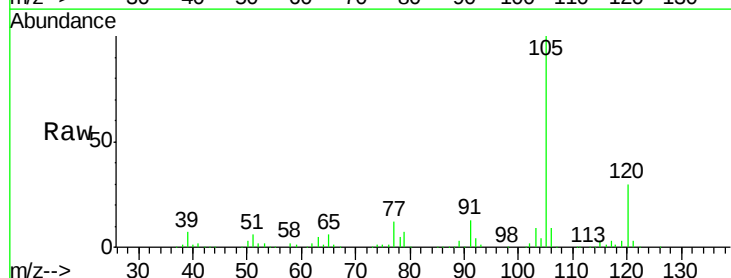
Acq: 01 Apr 2018 04:29

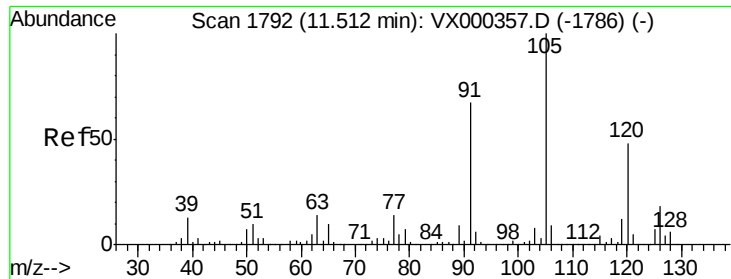
Tgt Ion: 91 Resp: 37409

Ion Ratio Lower Upper

91 100

126 0.4 17.7 53.1#





#80

1,3,5-Trimethylbenzene

Concen: 24.606 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

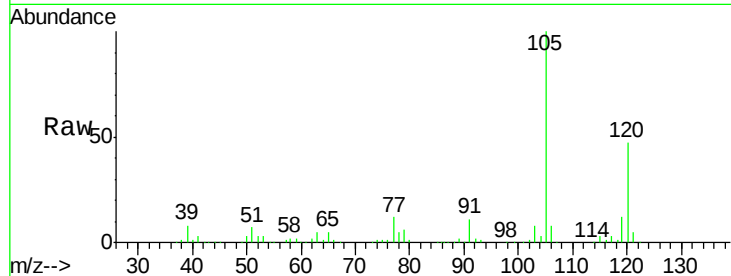
ClientSampled :

Tot Ion:105 Resp: 156666

Ion Ratio Lower Upper

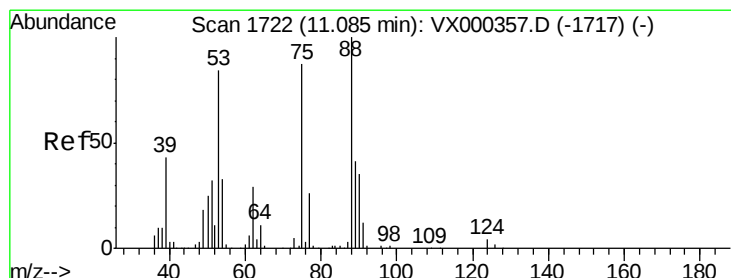
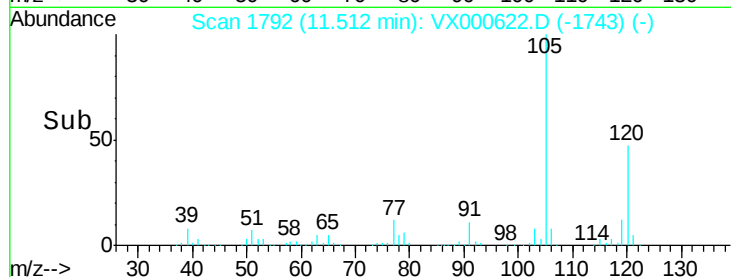
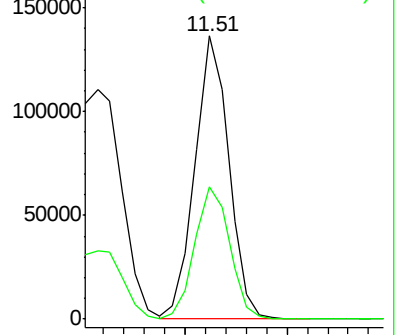
105 100

120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 67.589 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.05 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

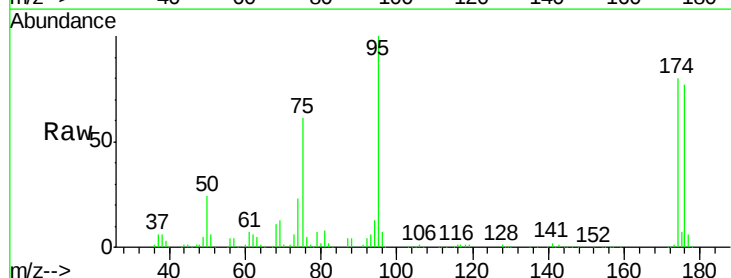
Tgt Ion: 75 Resp: 51277

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

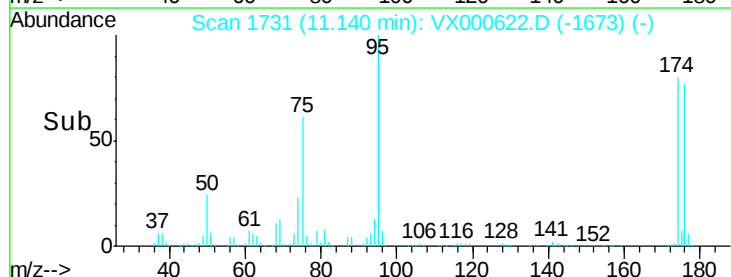
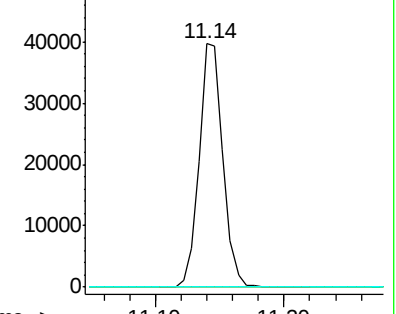
89 0.1 39.4 59.0#

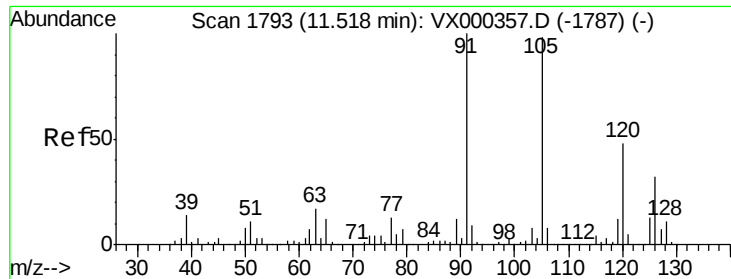


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

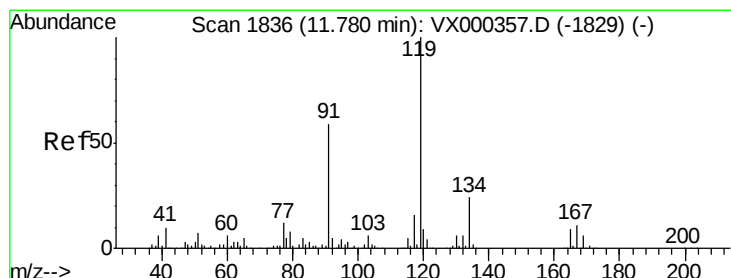
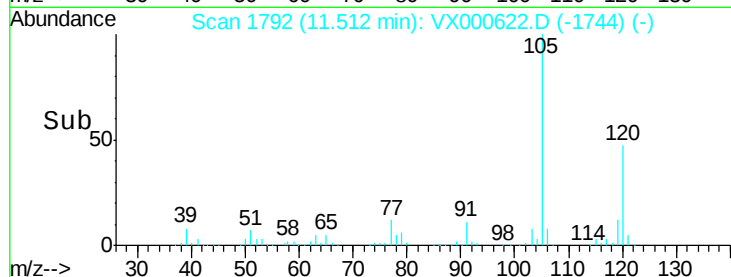
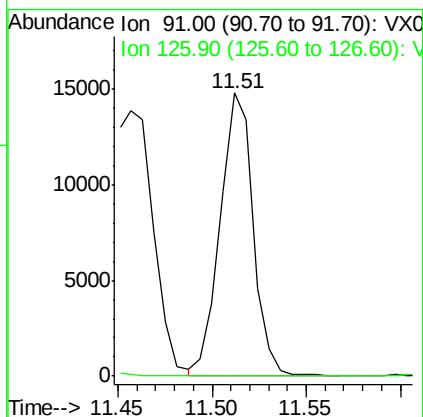
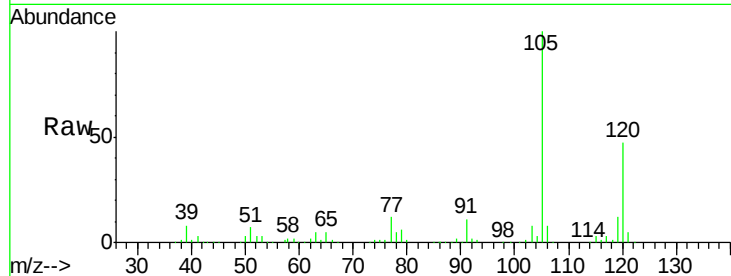




#82
4-Chlorotoluene
Concen: 2.879 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

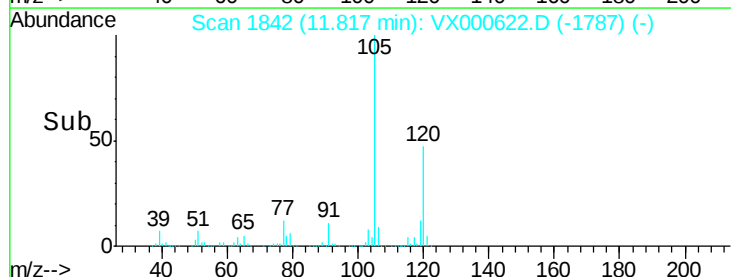
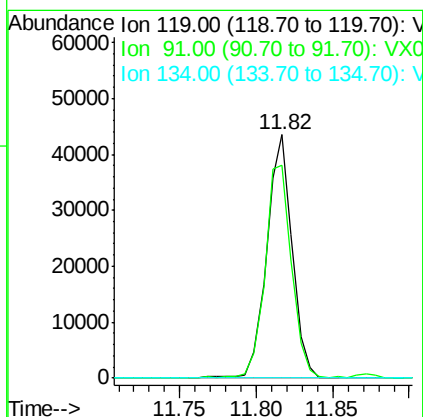
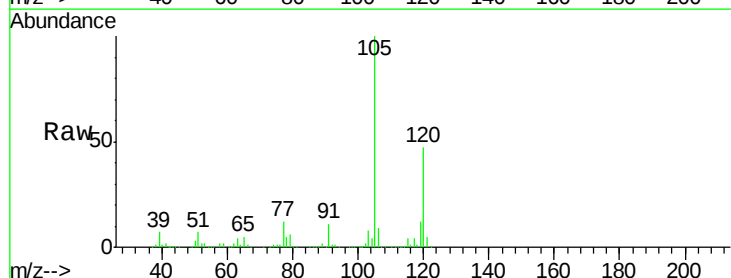
Instrument :
MSVOA_X
ClientSampleId :

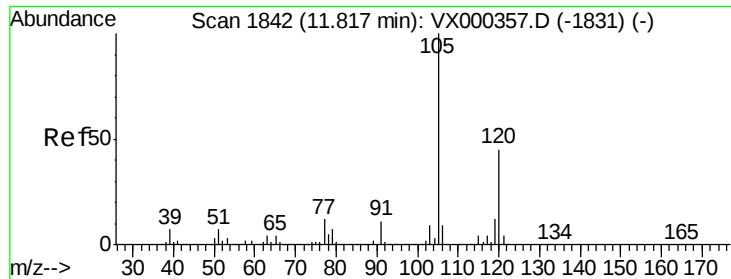
Tot Ion: 91 Resp: 17931
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.1#



#83
tert-Butylbenzene
Concen: 7.860 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.04 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion:119 Resp: 50474
Ion Ratio Lower Upper
119 100
91 92.2 28.8 86.4#
134 0.0 11.4 34.1#





#84

1,2,4-Trimethylbenzene

Concen: 62.586 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

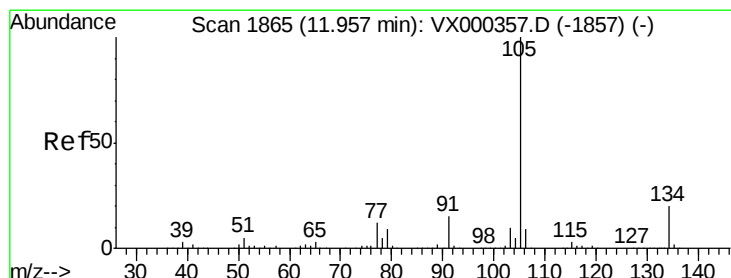
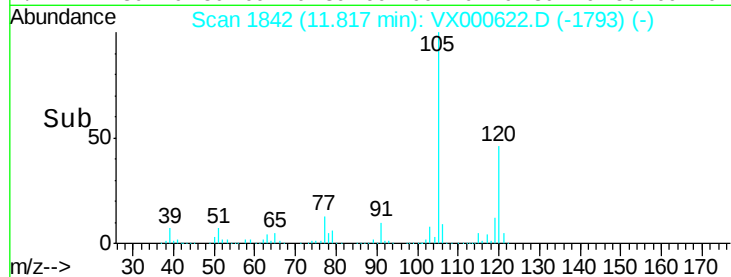
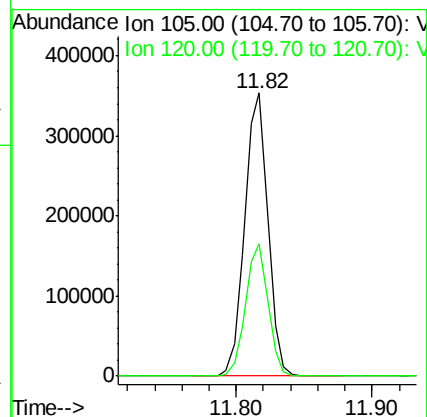
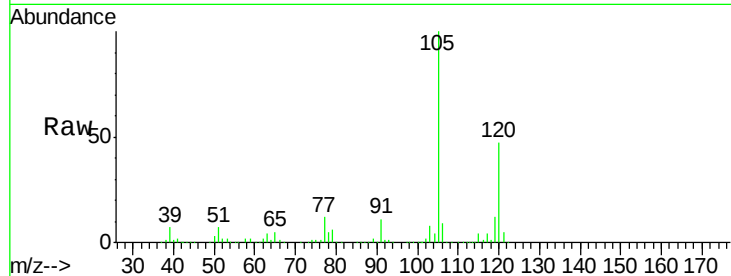
ClientSampleId :

Tot Ion:105 Resp: 417792

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.3



#85

sec-Butylbenzene

Concen: 52.581 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.14 min

Lab File: VX000622.D

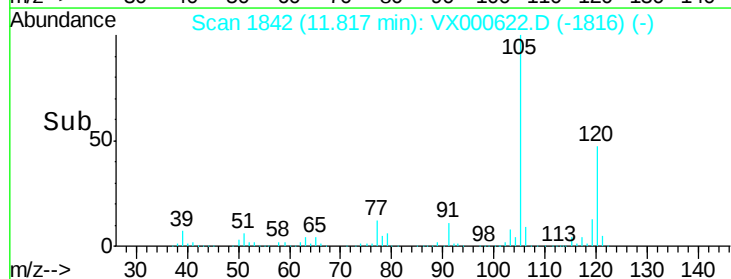
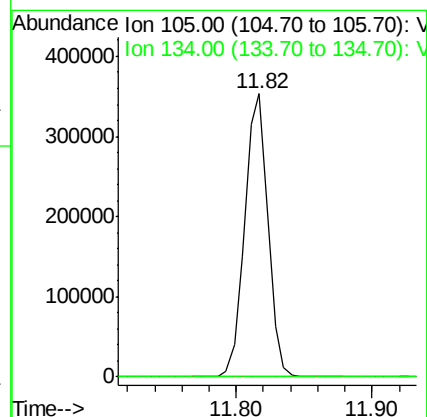
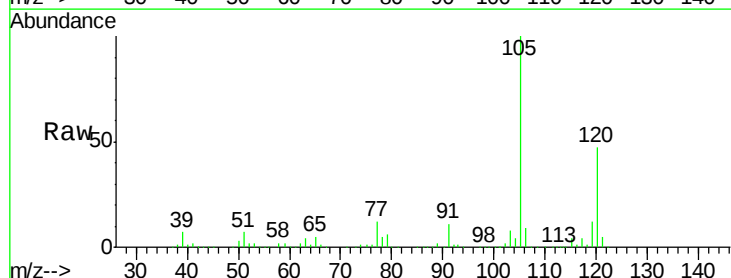
Acq: 01 Apr 2018 04:29

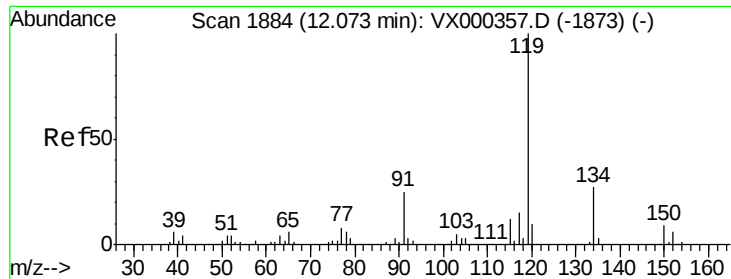
Tgt Ion:105 Resp: 417792

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#

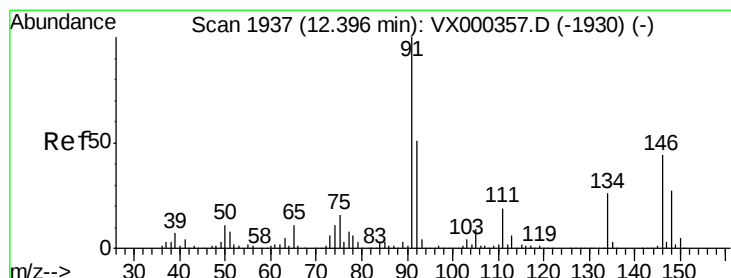
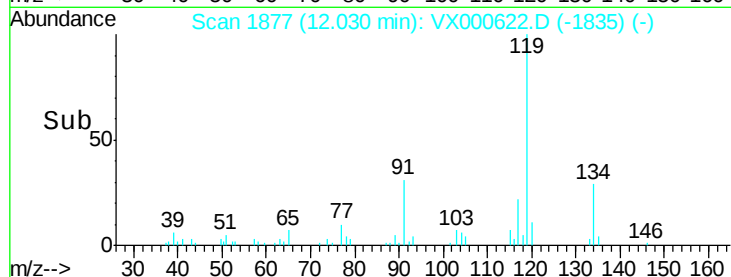
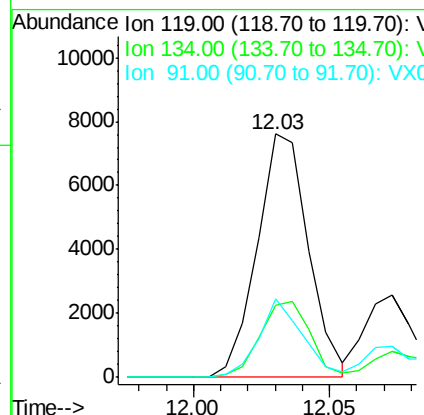
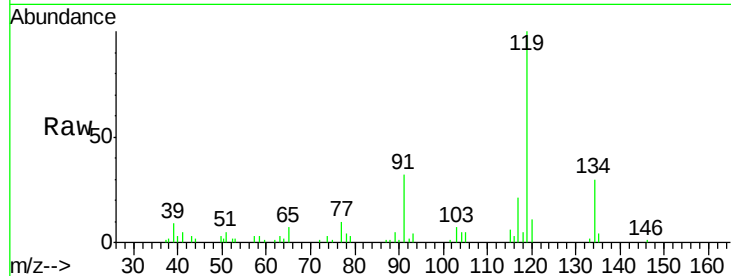




#86
p-Isopropyltoluene
Concen: 1.407 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.04 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

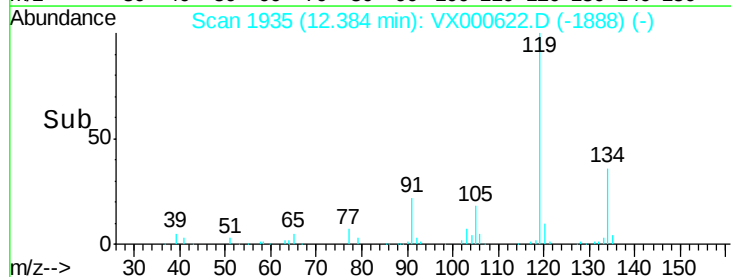
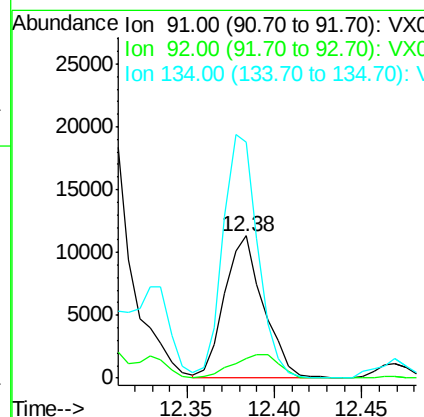
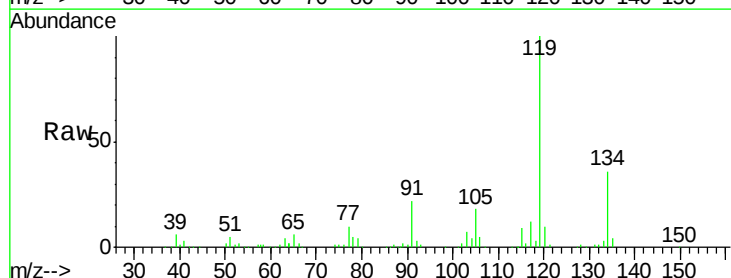
Instrument :
MSVOA_X
ClientSampleId :

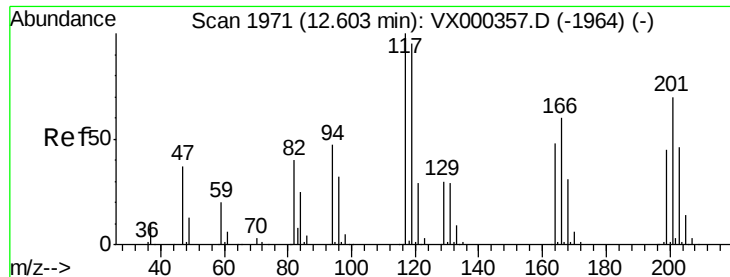
Tot Ion:119 Resp: 9926
Ion Ratio Lower Upper
119 100
134 30.7 13.3 39.9
91 27.8 12.0 36.1



#89
n-Butylbenzene
Concen: 2.680 ug/l
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion: 91 Resp: 17608
Ion Ratio Lower Upper
91 100
92 19.5 25.9 77.8#
134 152.7 13.1 39.3#

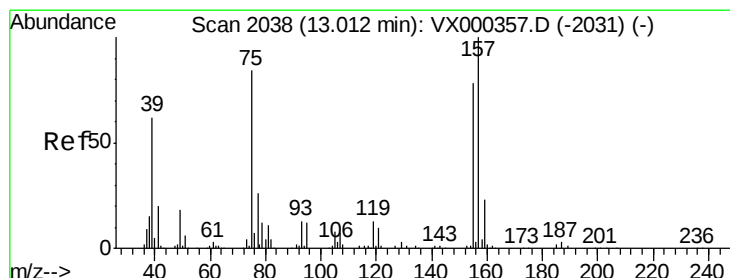
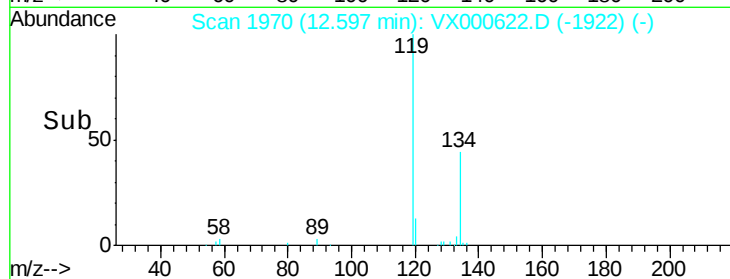
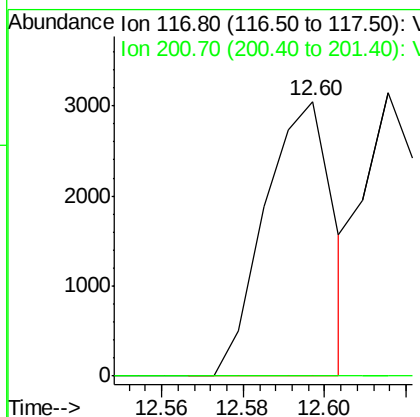
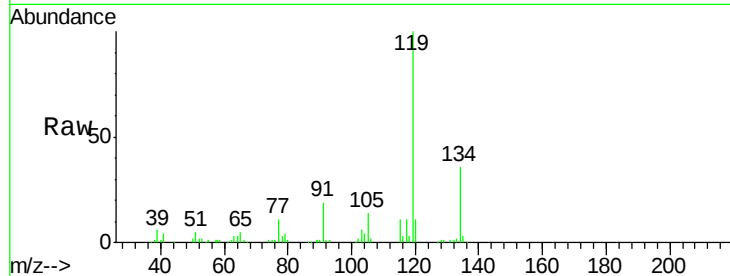




#90
Hexachloroethane
Concen: 3.210 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

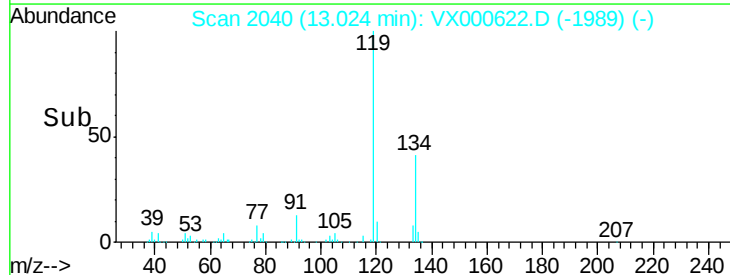
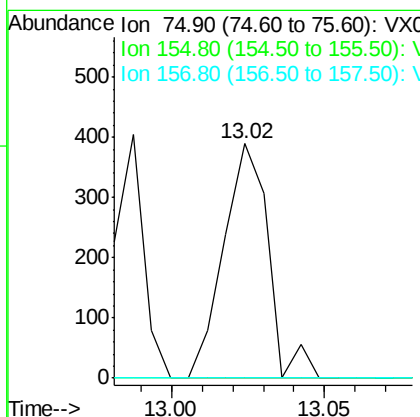
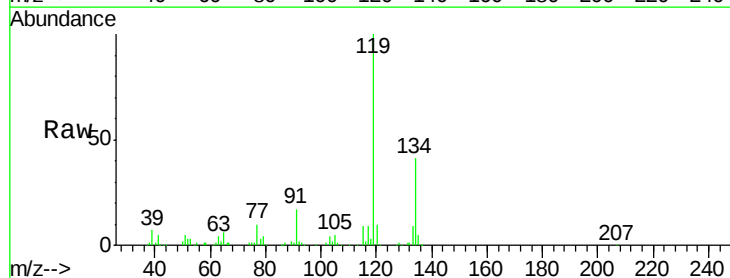
Instrument :
MSVOA_X
ClientSampleId :

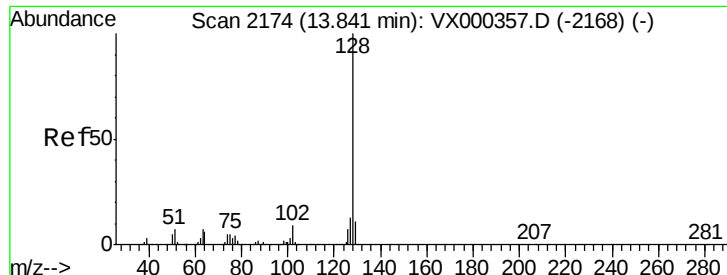
Tot Ion:117 Resp: 3565
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.523 ug/l
RT: 13.02 min Scan# 2040
Delta R.T. 0.01 min
Lab File: VX000622.D
Acq: 01 Apr 2018 04:29

Tgt Ion: 75 Resp: 391
Ion Ratio Lower Upper
75 100
155 0.0 45.0 134.8#
157 0.0 58.1 174.2#





#95

Naphthalene

Concen: 22.896 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000622.D

Acq: 01 Apr 2018 04:29

Instrument :

MSVOA_X

ClientSampleId :

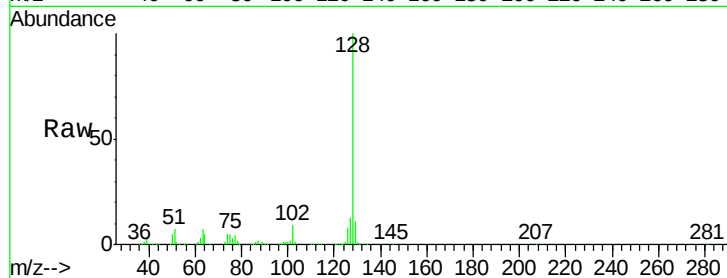
Tot Ion:128 Resp: 213813

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 8.9 13.3



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

