

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004138.D
 Acq On : 17 Aug 2018 17:56
 Operator : JC/MD
 Sample : J4522-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:34:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	194103	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
35) Dibromofluoromethane	5.51	113	167047	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
50) Toluene-d8	8.72	98	617392	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.14	95	218994	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	4794	1.47	ug/l	97
5) Bromomethane	1.64	94	1238	0.51	ug/l	97
6) Chloroethane	1.70	64	263	Below Cal	#	57
10) Methyl Iodide	2.52	142	392	5.12	ug/l	# 89
11) Tert butyl alcohol	3.05	59	27991	36.09	ug/l	100
13) Acrolein	2.26	56	594	12.03	ug/l	# 1
14) Allyl chloride	2.84	41	31486	5.76	ug/l	# 69
15) Acrylonitrile	3.17	53	3116	1.61	ug/l	# 54
16) Acetone	2.44	43	3794	1.89	ug/l	95
18) Methyl Acetate	2.84	43	77514	17.42	ug/l	# 52
19) Methyl tert-butyl Ether	3.20	73	36118	3.57	ug/l	# 1
20) Methylene Chloride	2.86	84	1931	Below Cal	#	12
22) Diisopropyl ether	3.87	45	2884	0.27	ug/l	# 76
25) 2-Butanone	4.70	43	1155	0.35	ug/l	# 89
29) Tetrahydrofuran	5.17	42	699	0.42	ug/l	# 51
31) Cyclohexane	5.57	56	8924	1.68	ug/l	# 83
36) 1,1-Dichloropropene	5.66	75	18535	3.79	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	23938	5.03	ug/l	# 15
39) Methylcyclohexane	7.45	83	5229	0.94	ug/l	# 61
40) Benzene	6.14	78	200194	13.62	ug/l	99
42) 1,2-Dichloroethane	6.14	62	1789	0.35	ug/l	# 73
43) Isopropyl Acetate	6.34	43	7768	0.99	ug/l	# 59
52) Toluene	8.79	92	6577	0.71	ug/l	93
55) 1,1,2-Trichloroethane	9.16	97	2839	0.74	ug/l	# 17
59) 2-Hexanone	9.52	43	1072	0.22	ug/l	89
67) Ethyl Benzene	10.25	91	80004	4.85	ug/l	97
68) m/p-Xylenes	10.36	106	3218	0.50	ug/l	99
69) o-Xylene	10.70	106	1322	0.21	ug/l	98
73) Isopropylbenzene	11.02	105	16483	1.11	ug/l	97
74) N-amyl acetate	6.34	43	7768	1.12	ug/l	# 55
76) 1,2,3-Trichloropropane	11.14	75	105379	24.04	ug/l	# 36
78) n-propylbenzene	11.36	91	47682	2.88	ug/l	98
79) 2-Chlorotoluene	11.36	91	47682	4.73	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	11.14	75	105379	74.40	ug/l	# 10

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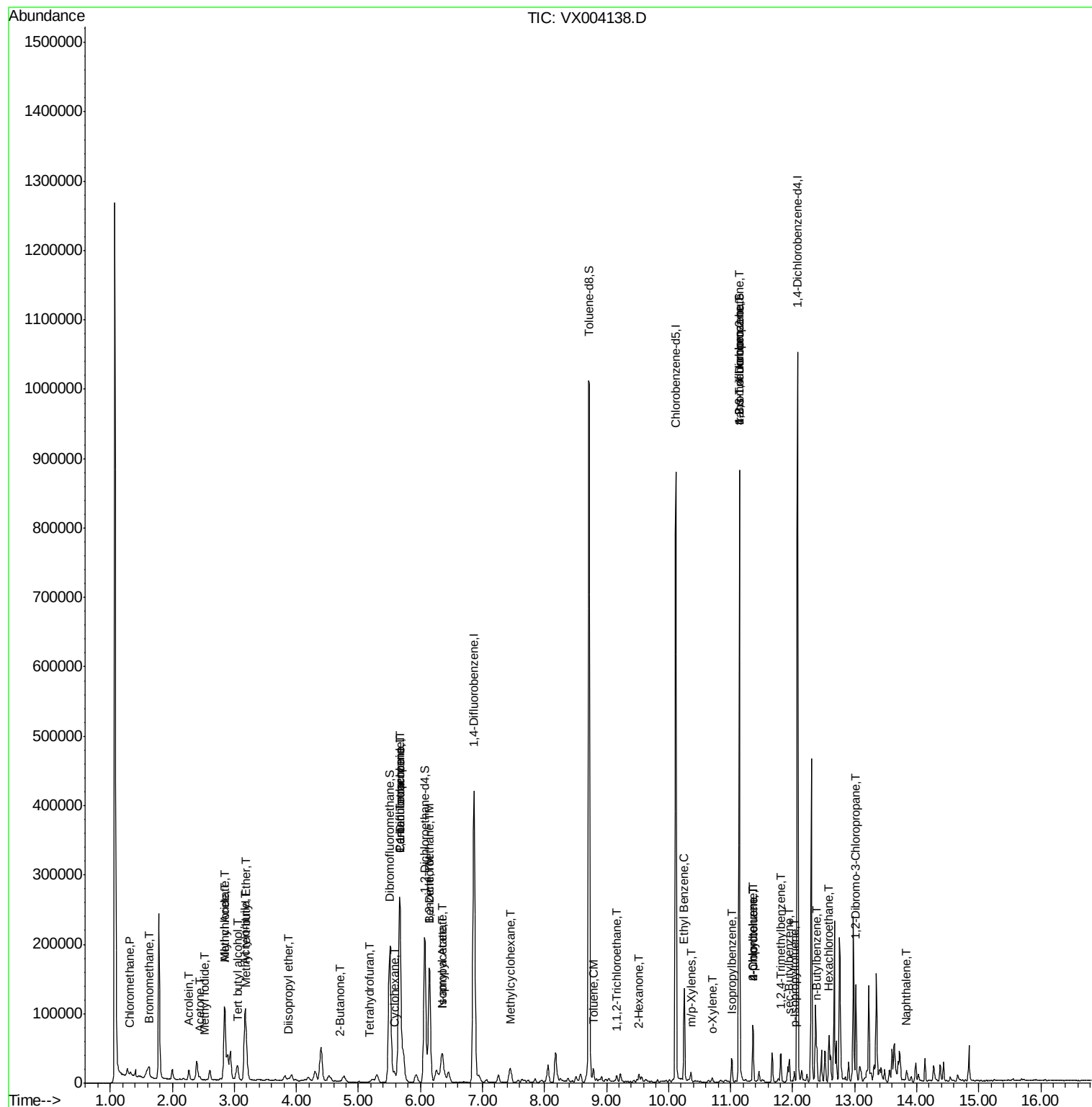
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.36	91	47682	4.00	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.81	105	17970	1.43	ug/l	100
85) sec-Butylbenzene	11.94	105	16136	1.13	ug/l	99
86) p-Isopropyltoluene	12.02	119	5478	0.42	ug/l	95
89) n-Butylbenzene	12.39	91	24903	2.44	ug/l #	60
90) Hexachloroethane	12.58	117	4855	2.51	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.02	75	498	0.55	ug/l #	1
95) Naphthalene	13.83	128	9710	1.76	ug/l #	84

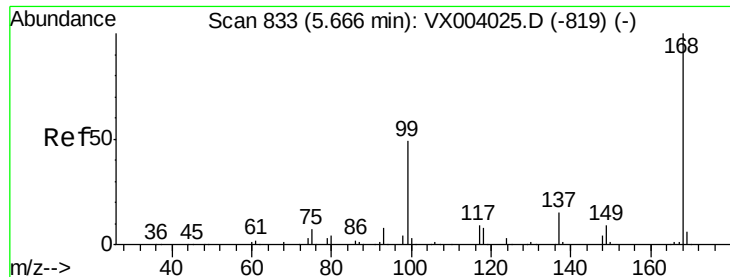
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

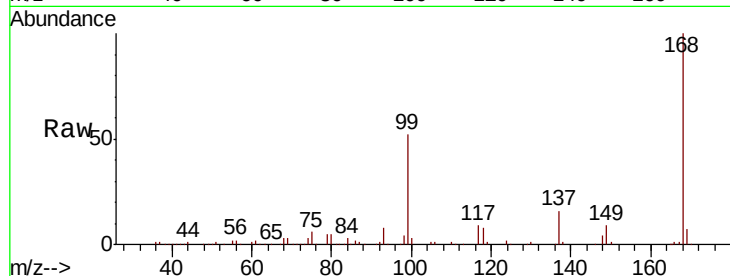
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 273322

Ion Ratio Lower Upper

168 100

99 51.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

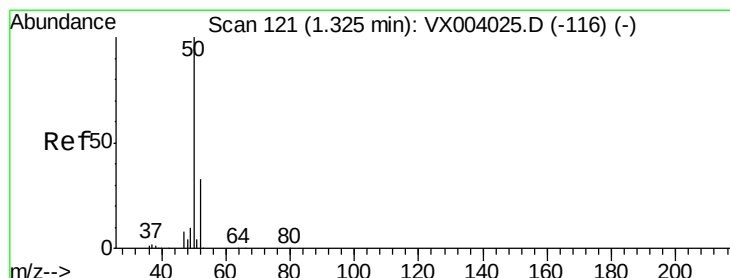
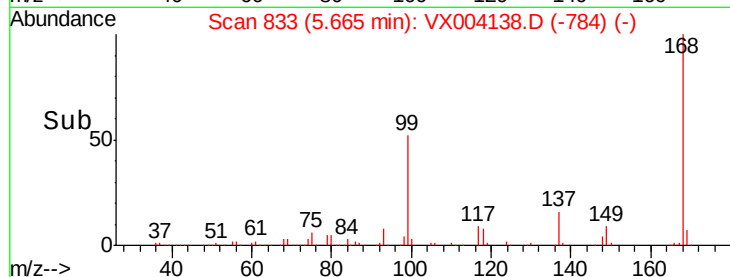
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 1.47 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004138.D

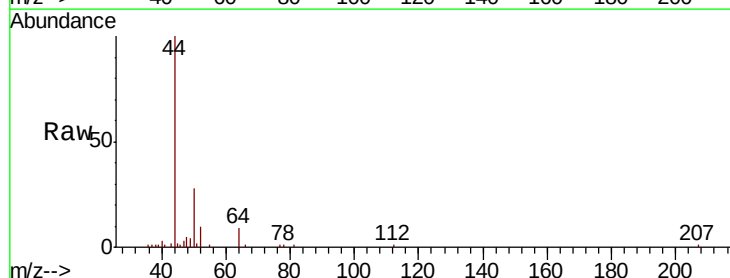
Acq: 17 Aug 2018 17:56

Tgt Ion: 50 Resp: 4794

Ion Ratio Lower Upper

50 100

52 35.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

3000

2500

2000

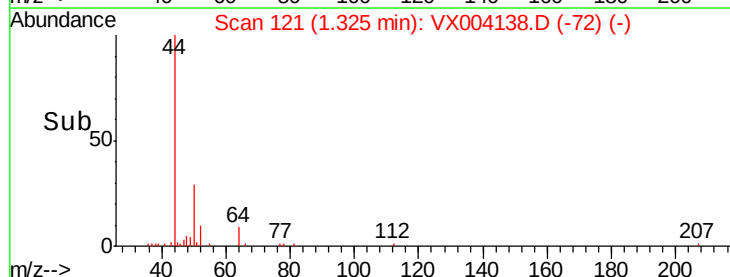
1500

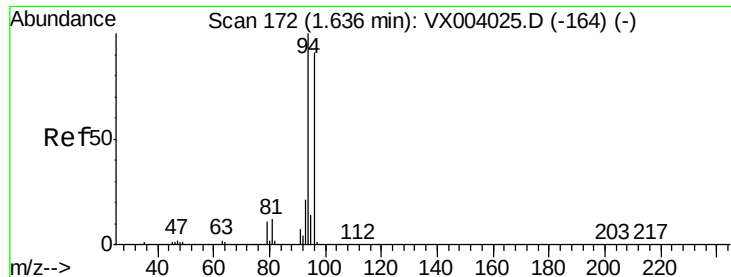
1000

500

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

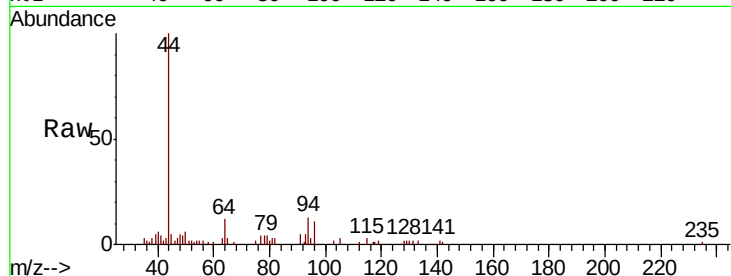
ClientSampled :

Tot Ion: 94 Resp: 1238

Ion Ratio Lower Upper

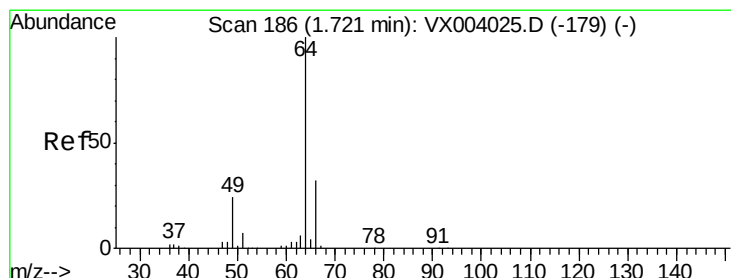
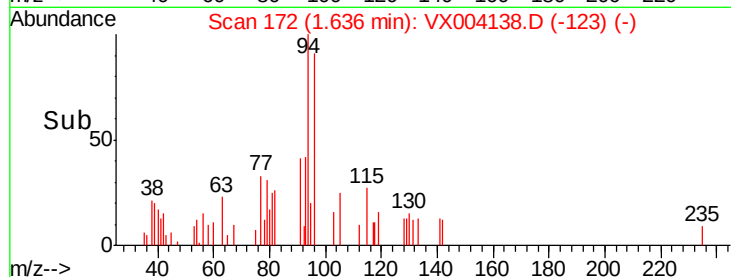
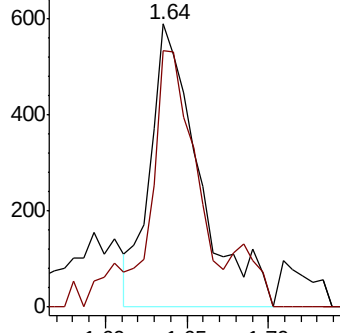
94 100

96 90.8 75.2 112.8



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: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX004138.D

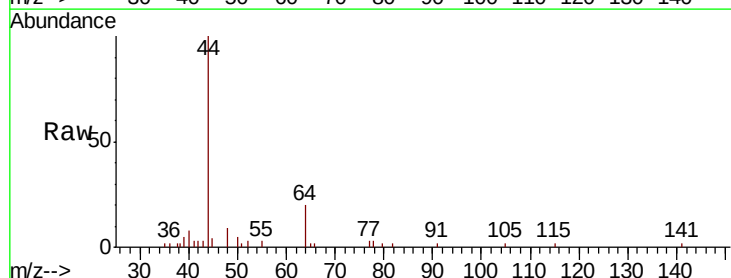
Acq: 17 Aug 2018 17:56

Tgt Ion: 64 Resp: 263

Ion Ratio Lower Upper

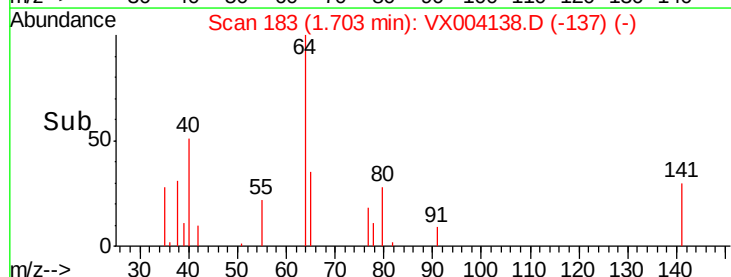
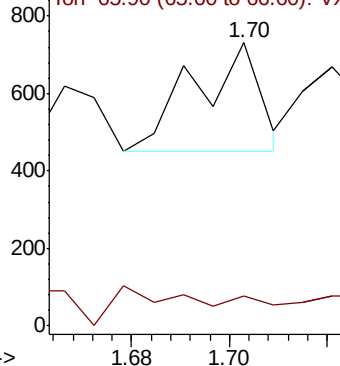
64 100

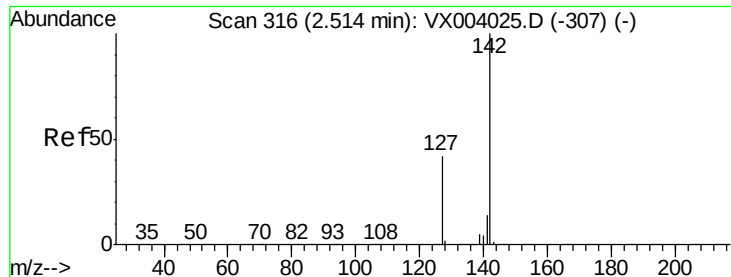
66 8.5 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

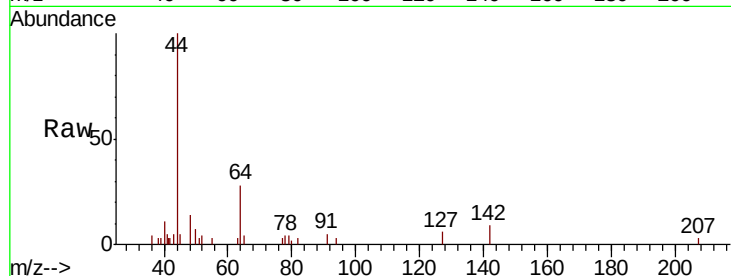




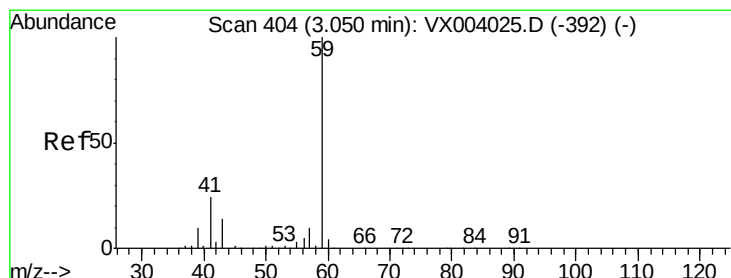
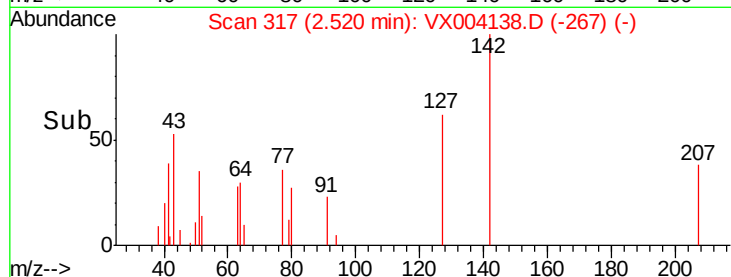
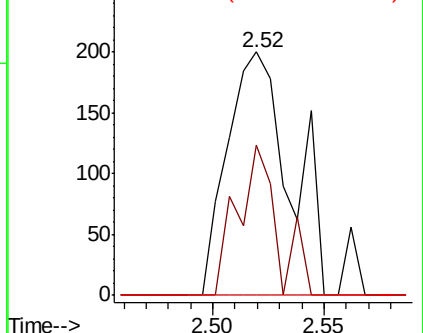
#10
Methyl Iodide
Concen: 5.12 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 392
Ion Ratio Lower Upper
142 100
127 39.0 33.1 49.7
141 0.0 11.1 16.7#

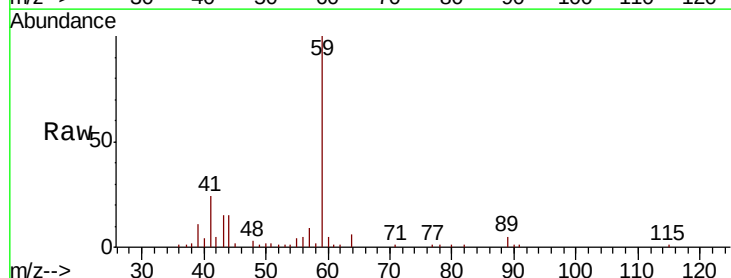


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

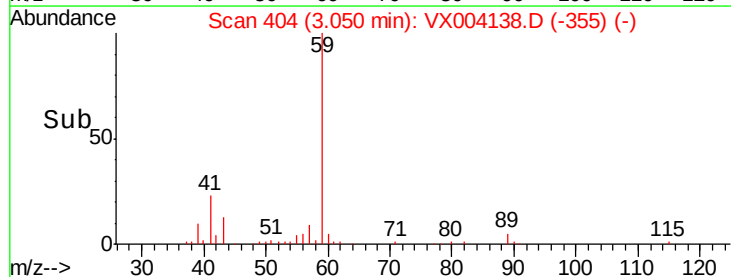
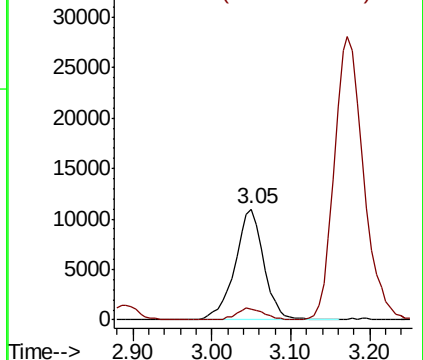


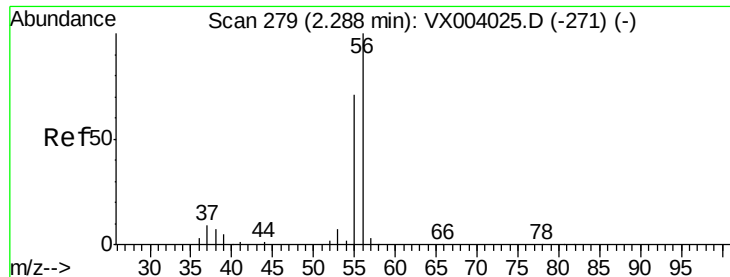
#11
Tert butyl alcohol
Concen: 36.09 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion: 59 Resp: 27991
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



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





#13

Acrolein

Concen: 12.03 ug/l

RT: 2.26 min Scan# 275

Delta R.T. -0.02 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

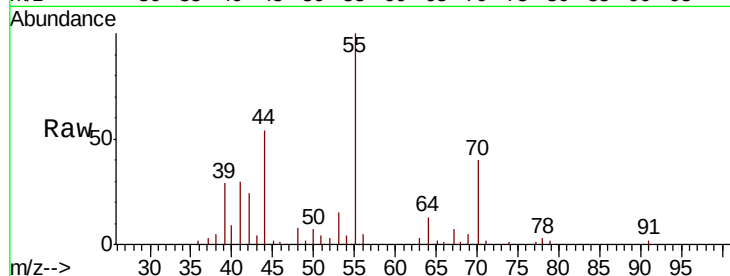
ClientSampled :

Tot Ion: 56 Resp: 594

Ion Ratio Lower Upper

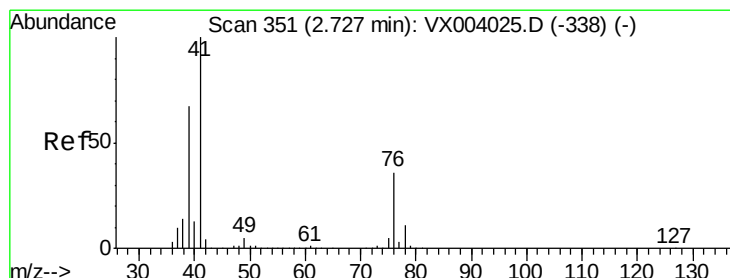
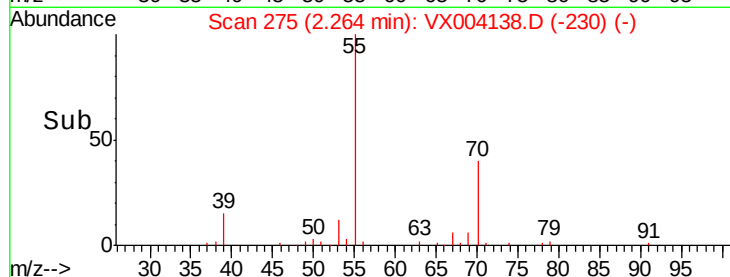
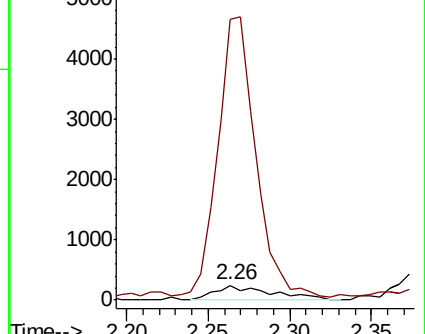
56 100

55 1259.3 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.76 ug/l

RT: 2.84 min Scan# 370

Delta R.T. 0.12 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

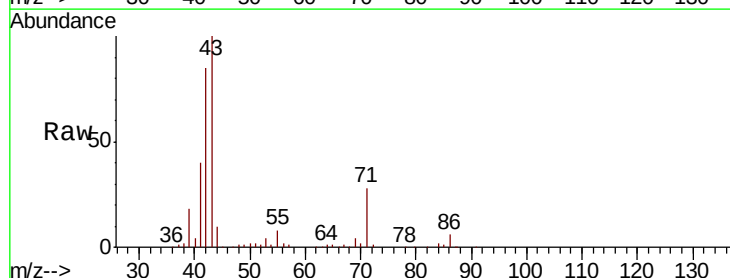
Tgt Ion: 41 Resp: 31486

Ion Ratio Lower Upper

41 100

39 46.8 47.4 71.0#

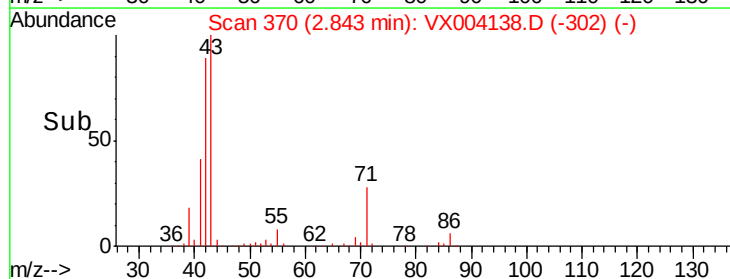
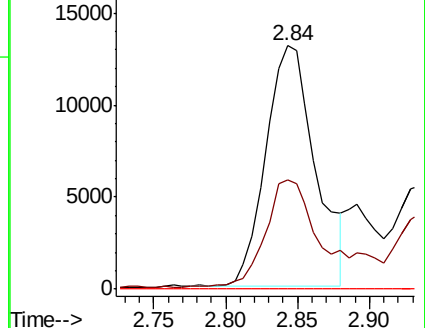
76 0.0 26.0 39.0#

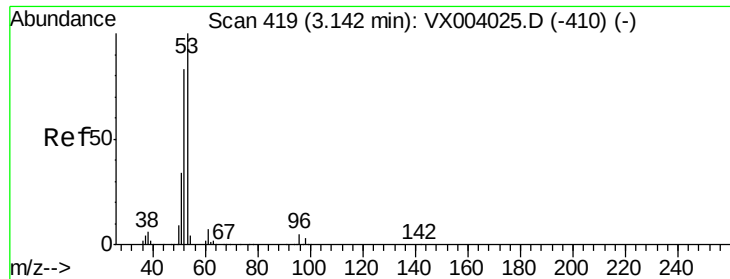


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 1.61 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.02 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

ClientSampled :

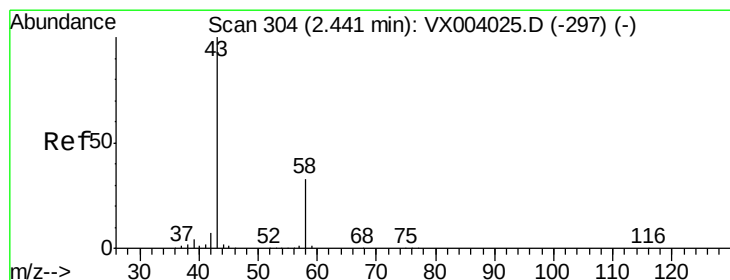
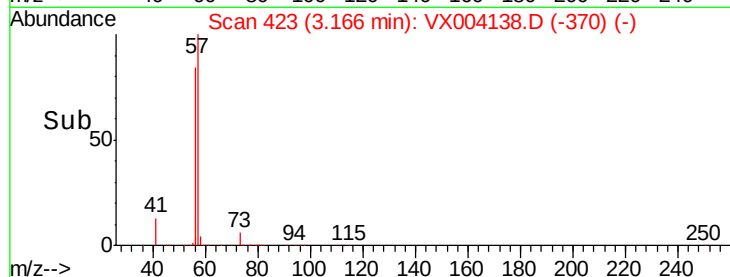
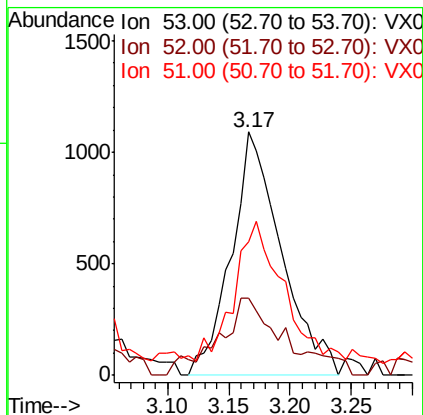
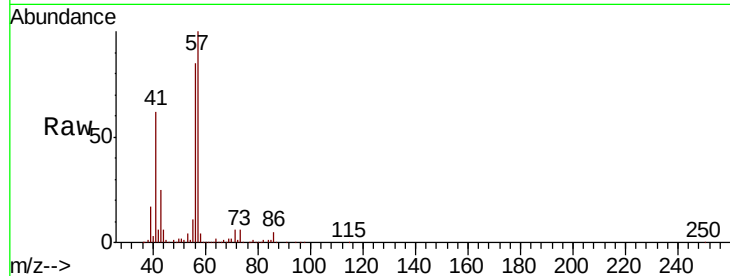
Tot Ion: 53 Resp: 3116

Ion Ratio Lower Upper

53 100

52 36.0 65.3 97.9#

51 54.3 27.9 41.9#



#16

Acetone

Concen: 1.89 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004138.D

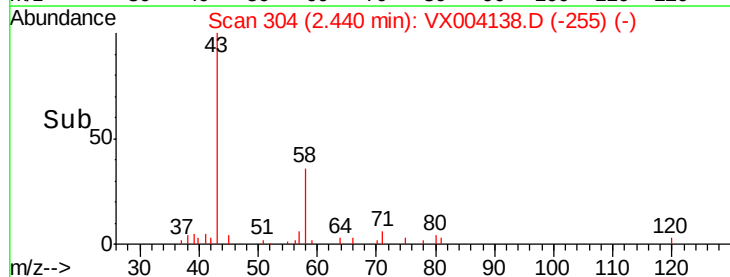
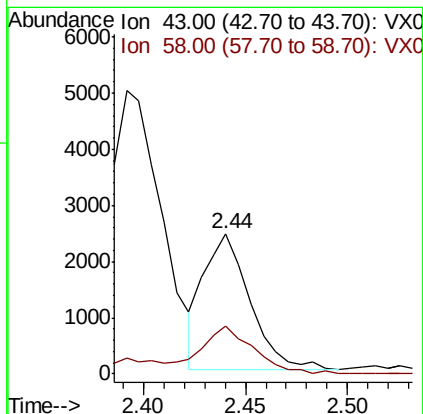
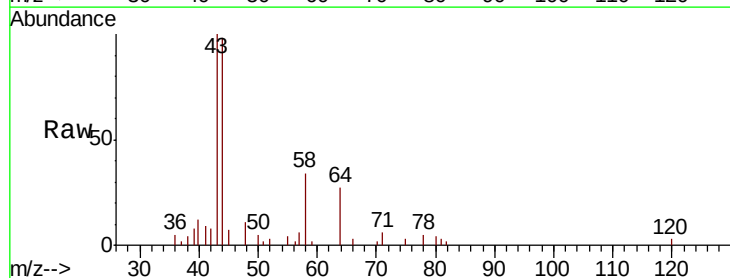
Acq: 17 Aug 2018 17:56

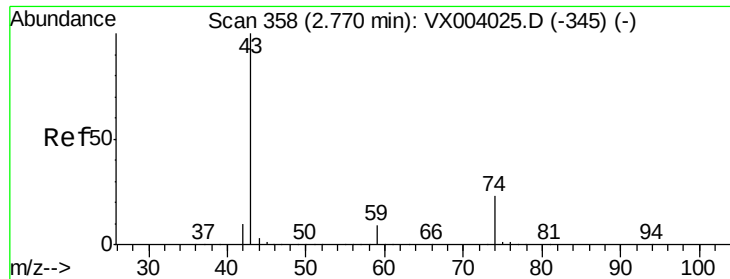
Tgt Ion: 43 Resp: 3794

Ion Ratio Lower Upper

43 100

58 35.7 26.4 39.6

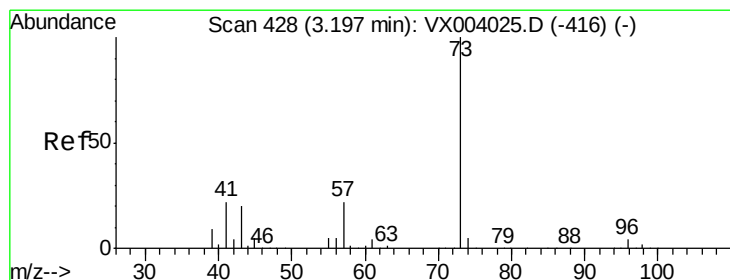
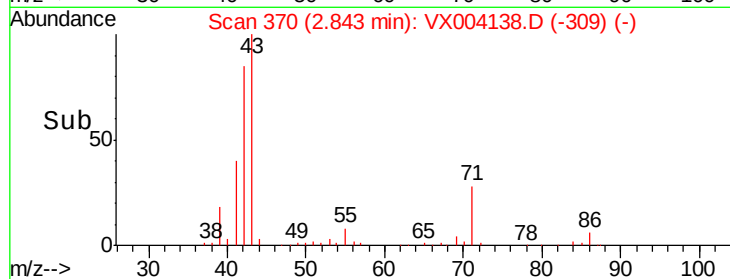
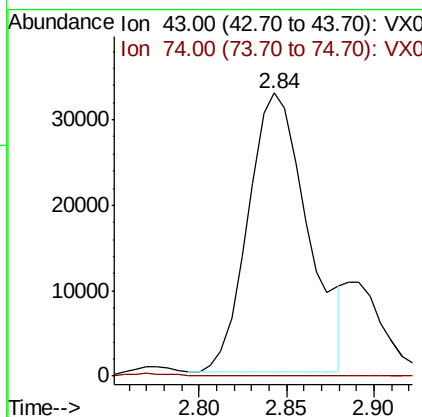
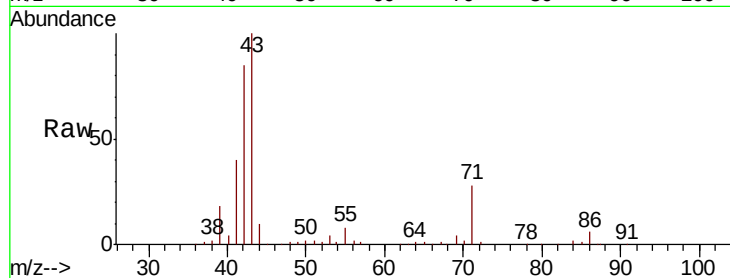




#18
Methyl Acetate
Concen: 17.42 ug/l
RT: 2.84 min Scan# 370
Delta R.T. 0.07 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

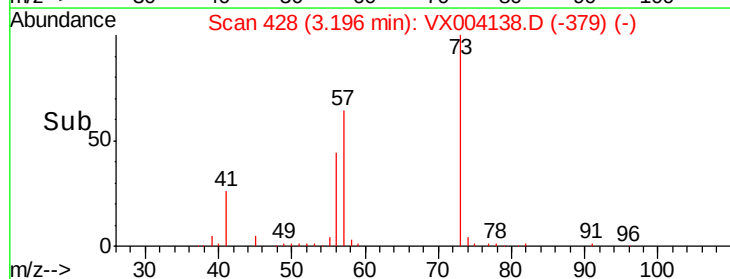
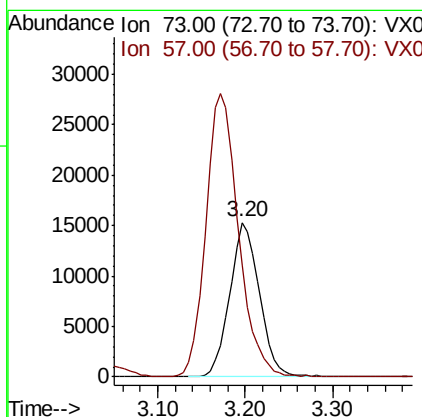
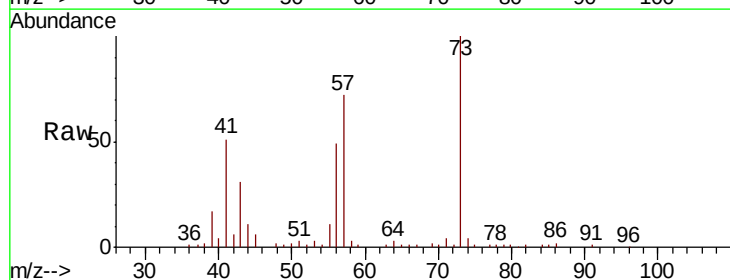
Instrument :
MSVOA_X
ClientSampleId :

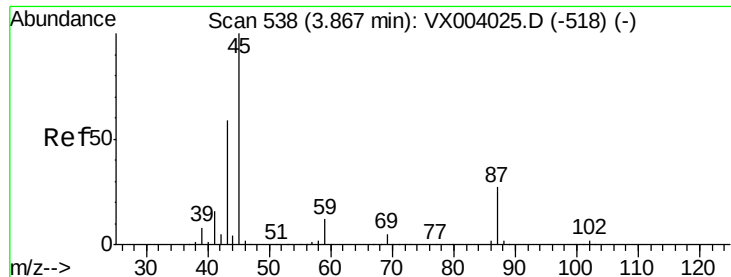
Tot Ion: 43 Resp: 77514
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#19
Methyl tert-butyl Ether
Concen: 3.57 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion: 73 Resp: 36118
Ion Ratio Lower Upper
73 100
57 71.7 18.0 27.0#





#22

Diisopropyl ether

Concen: 0.27 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004138.D

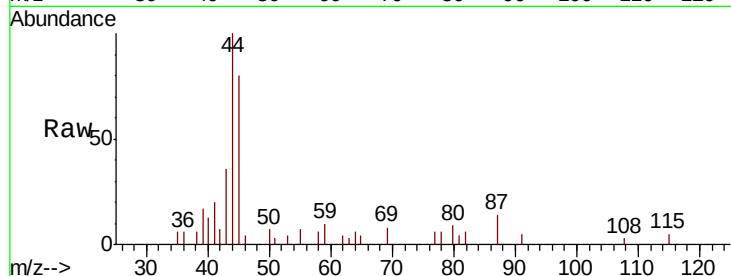
Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	45	Resp:	2884
Ion	Ratio	Lower	Upper
45	100		
43	33.6	45.3	67.9#
87	18.3	22.7	34.1#
59	12.9	9.6	14.4

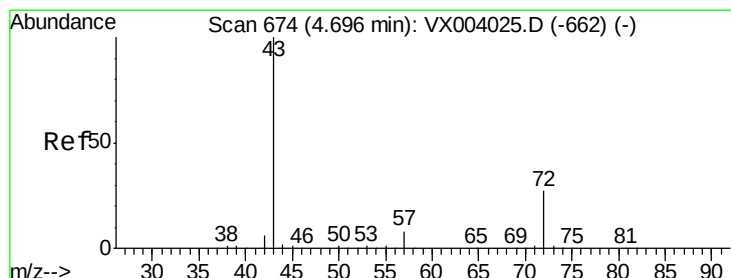
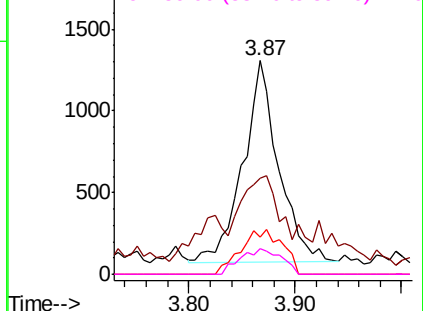
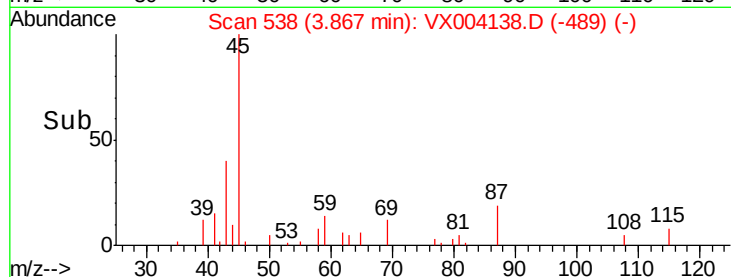


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#25

2-Butanone

Concen: 0.35 ug/l

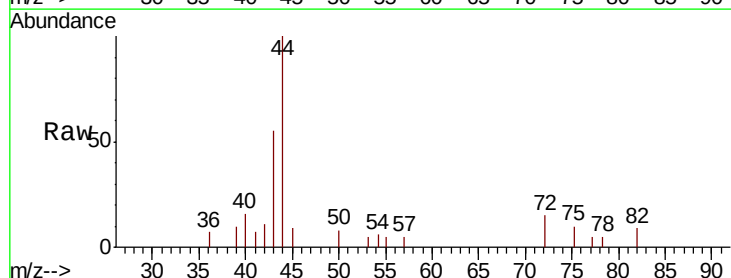
RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004138.D

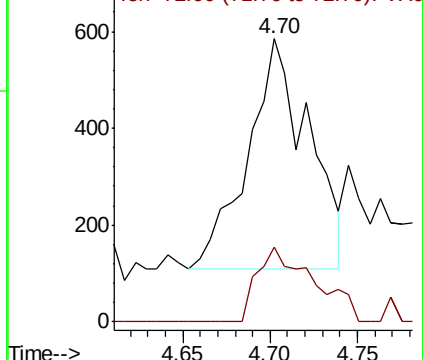
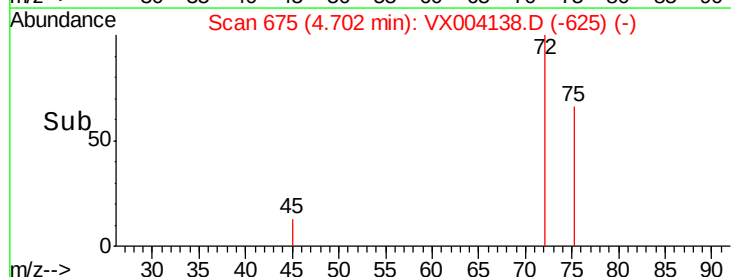
Acq: 17 Aug 2018 17:56

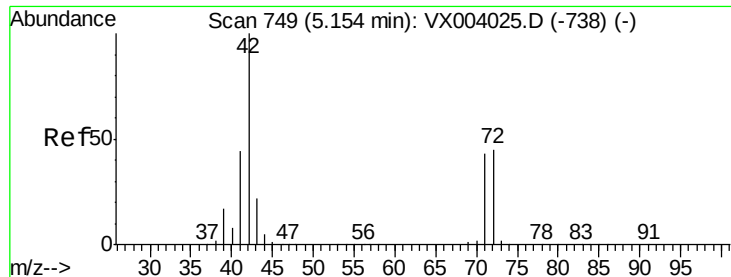
Tgt Ion:	43	Resp:	1155
Ion	Ratio	Lower	Upper
43	100		
72	32.6	21.4	32.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.42 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.02 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

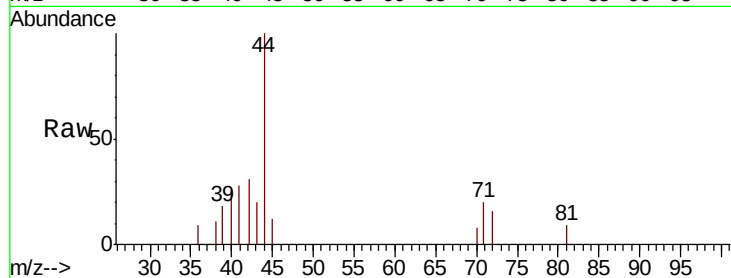
Tot Ion: 42 Resp: 699

Ion Ratio Lower Upper

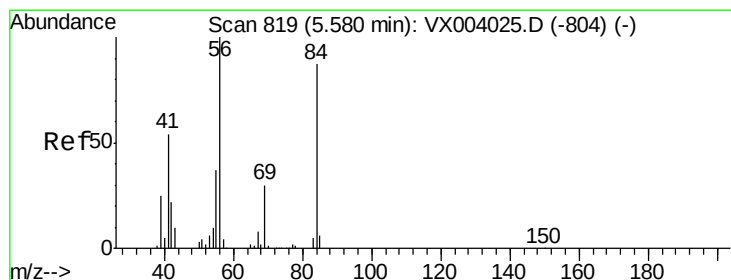
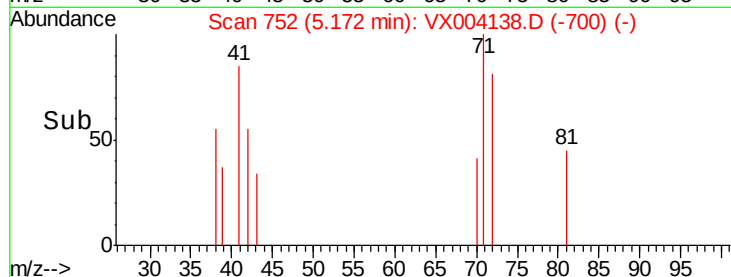
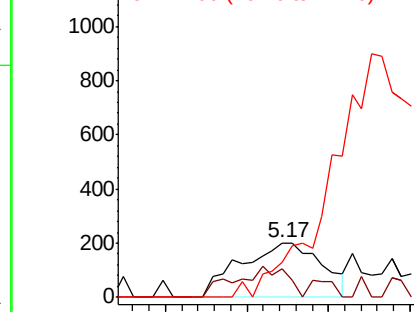
42 100

72 26.2 37.7 56.5#

71 0.0 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.68 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

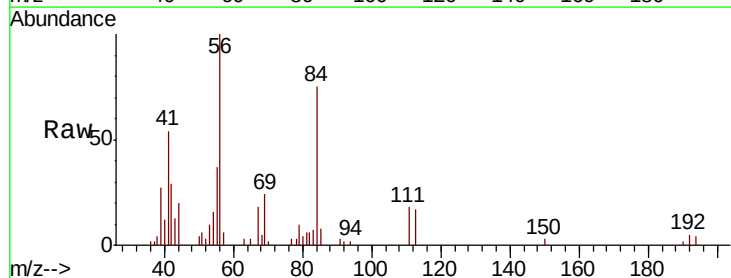
Tgt Ion: 56 Resp: 8924

Ion Ratio Lower Upper

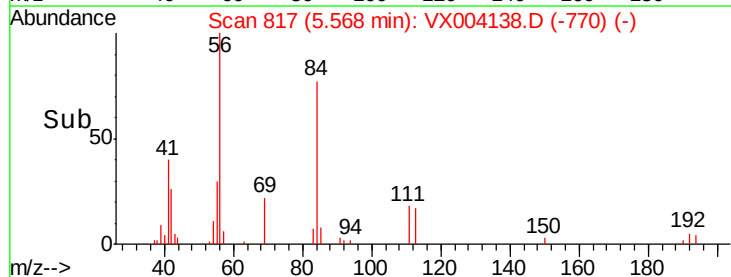
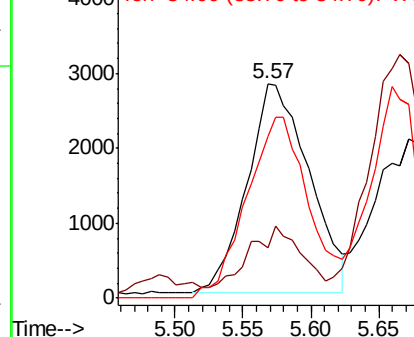
56 100

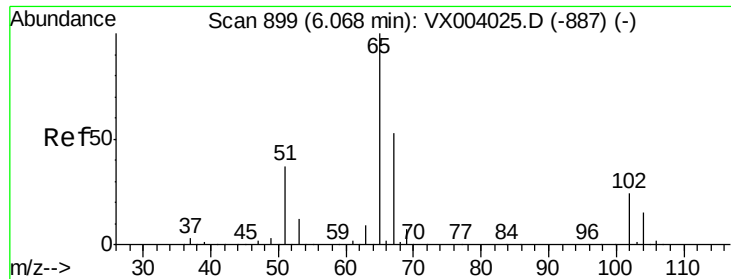
69 17.0 24.9 37.3#

84 76.8 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

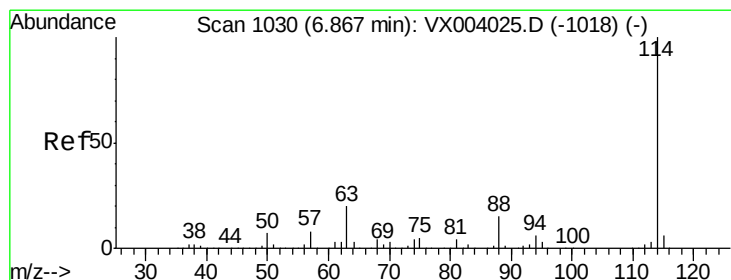
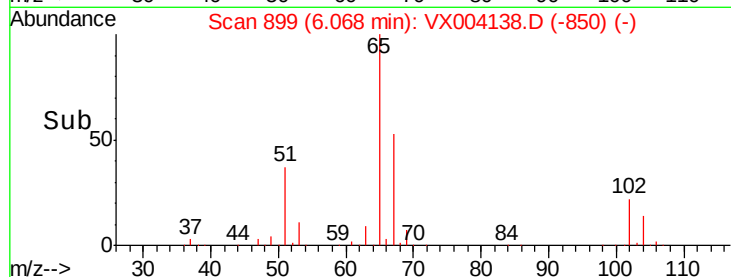
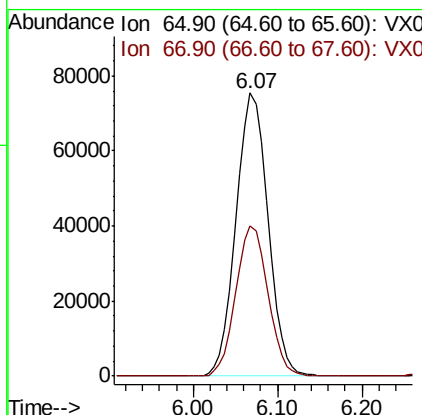
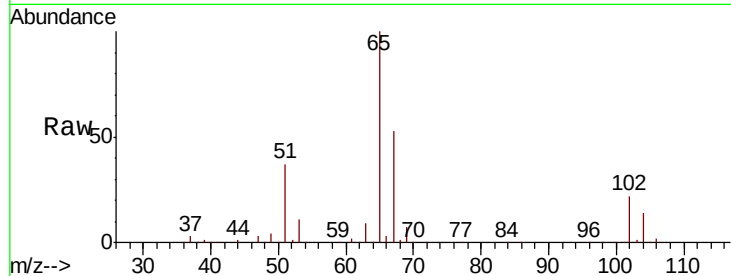




#33
 1,2-Dichloroethane-d4
 Concen: 50.40 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

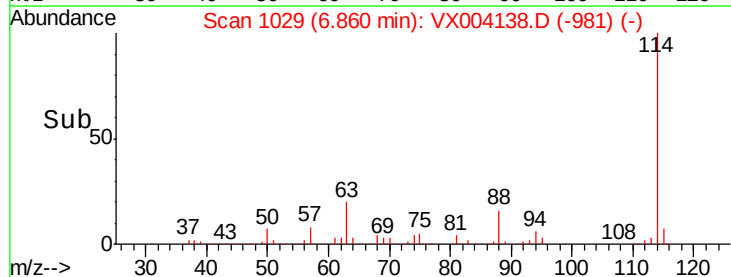
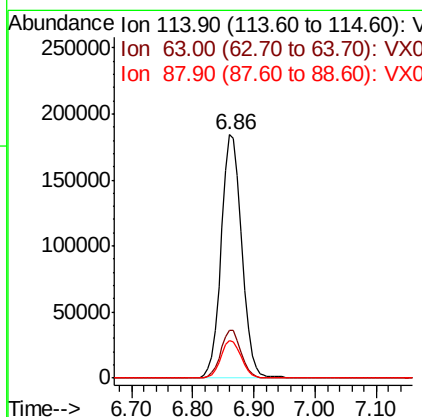
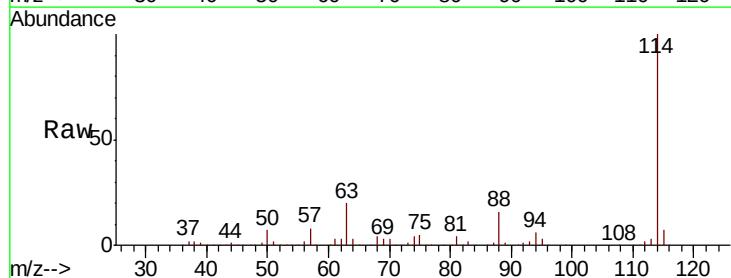
Instrument :
 MSVOA_X
 ClientSampleId :

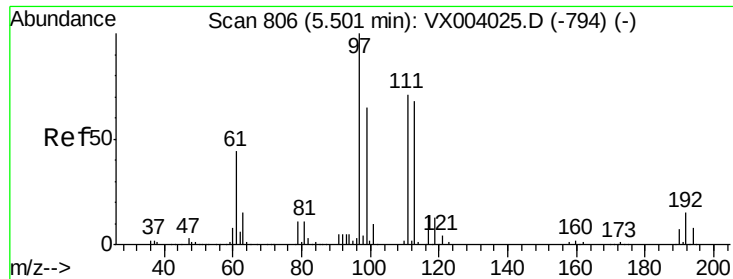
Tot Ion: 65 Resp: 194103
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

Tgt Ion: 114 Resp: 430172
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.6 0.0 32.0

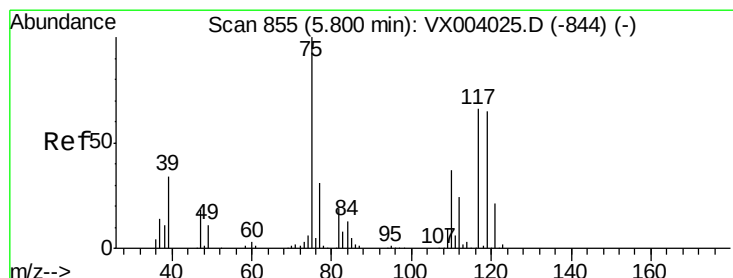
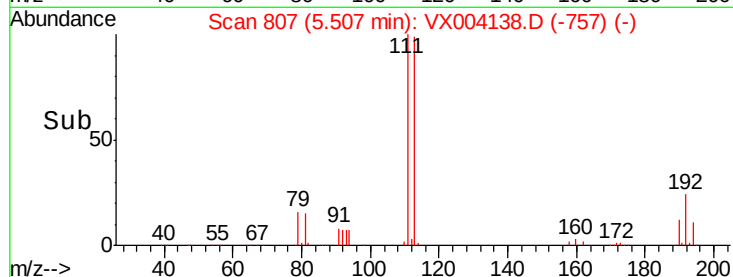
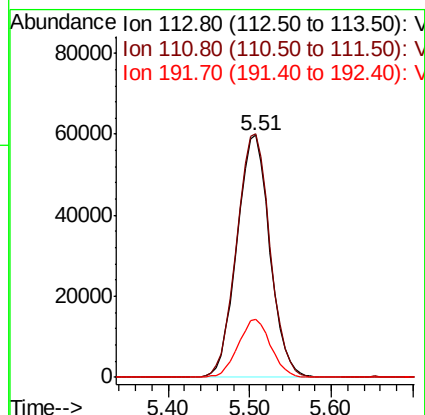
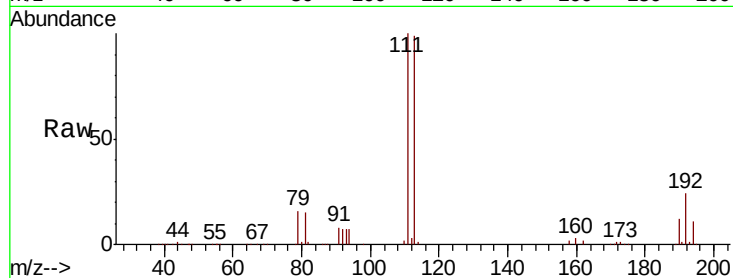




#35
 Dibromofluoromethane
 Concen: 51.89 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

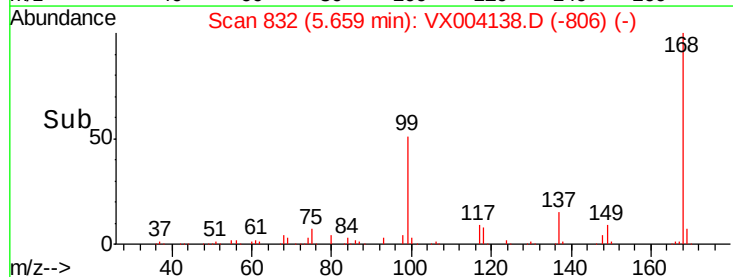
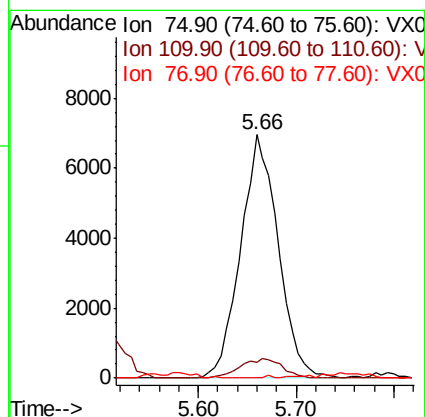
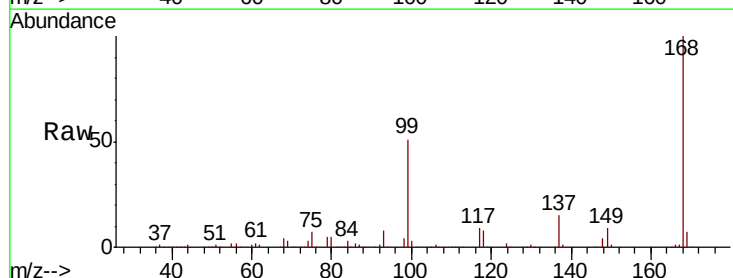
Instrument :
 MSVOA_X
 ClientSampleId :

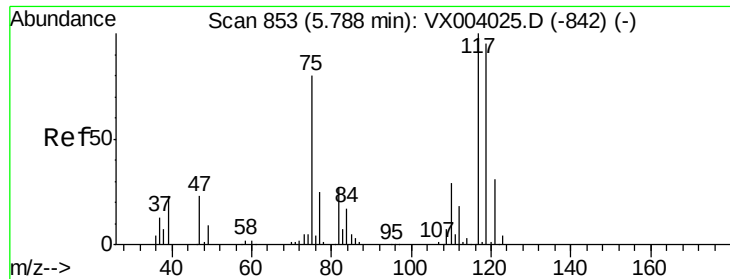
Tot Ion:113 Resp: 167047
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 23.9 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.14 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

Tgt Ion: 75 Resp: 18535
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.2 54.6#
 77 0.1 25.0 37.4#

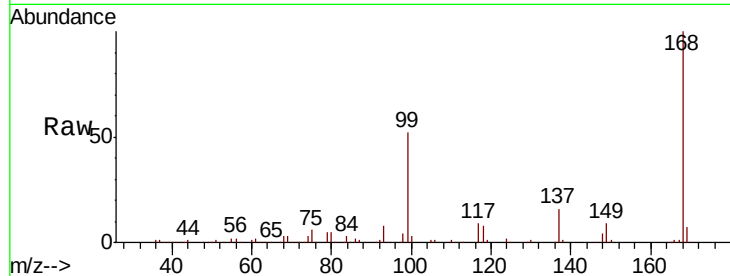




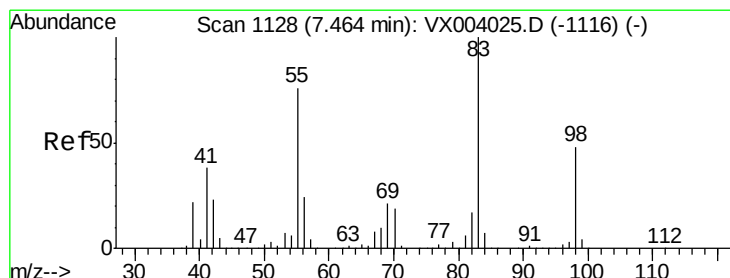
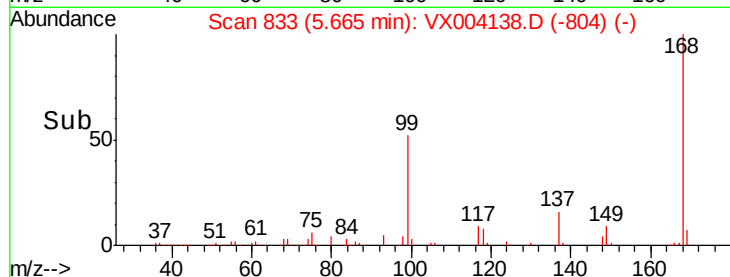
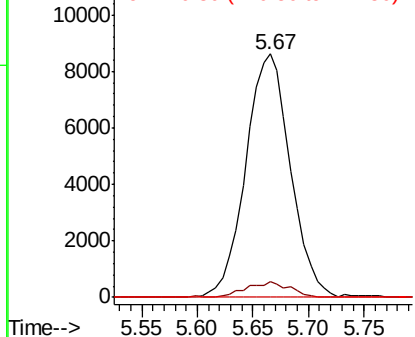
#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 23938
Ion Ratio Lower Upper
117 100
119 6.3 79.5 119.3#
121 0.0 25.0 37.4#

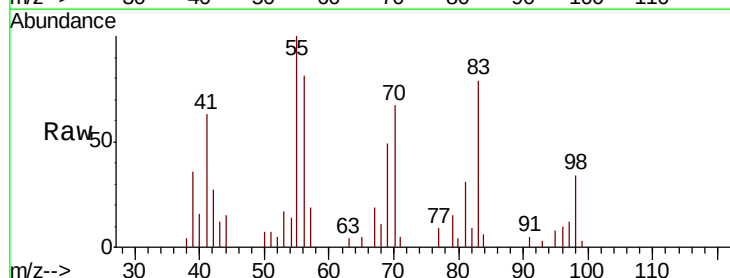


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

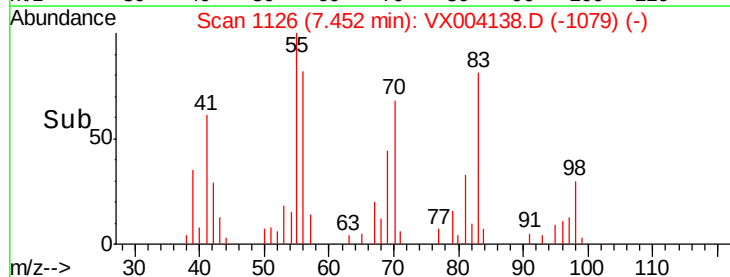
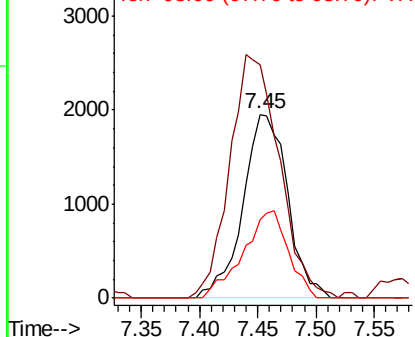


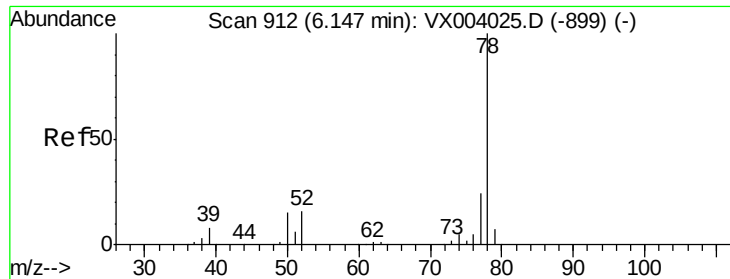
#39
Methylcyclohexane
Concen: 0.94 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion: 83 Resp: 5229
Ion Ratio Lower Upper
83 100
55 126.9 61.0 91.6#
98 42.5 38.6 57.8



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: 13.62 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

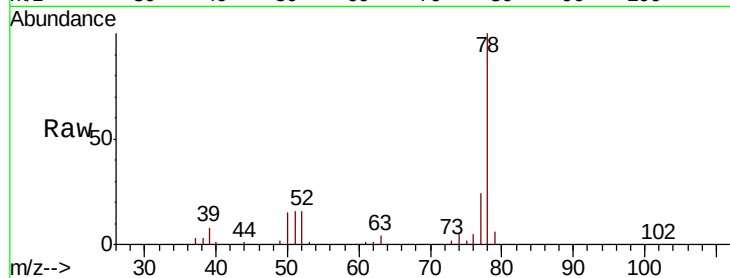
ClientSampleId :

Tot Ion: 78 Resp: 200194

Ion Ratio Lower Upper

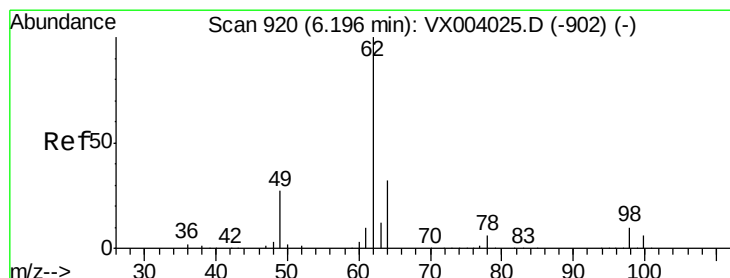
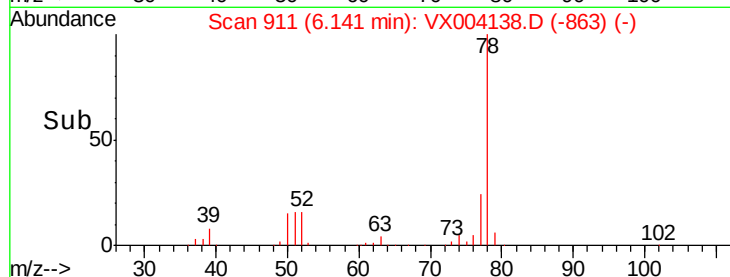
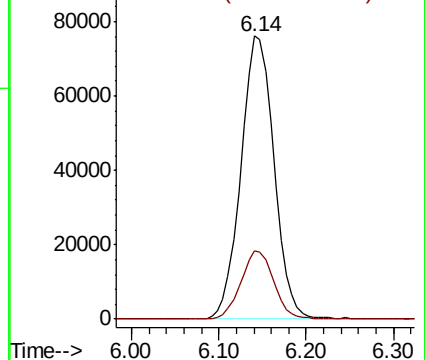
78 100

77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.35 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.06 min

Lab File: VX004138.D

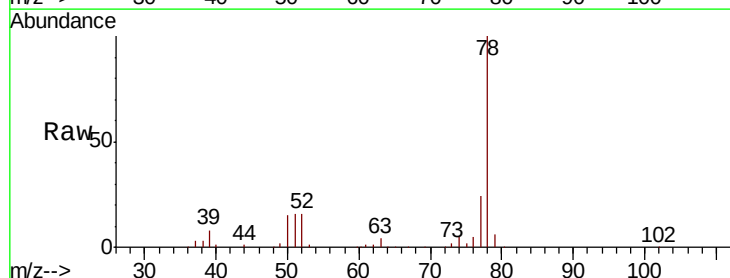
Acq: 17 Aug 2018 17:56

Tgt Ion: 62 Resp: 1789

Ion Ratio Lower Upper

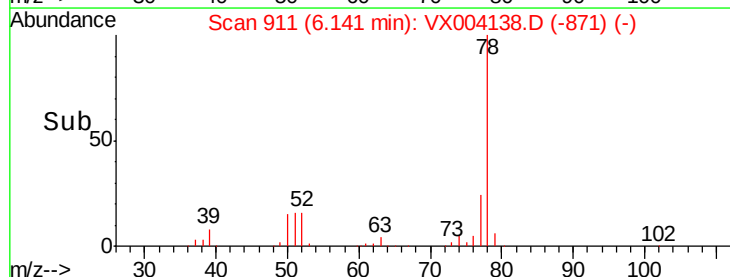
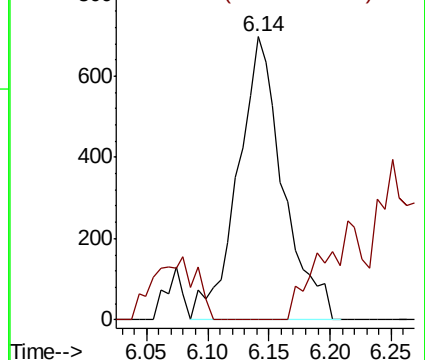
62 100

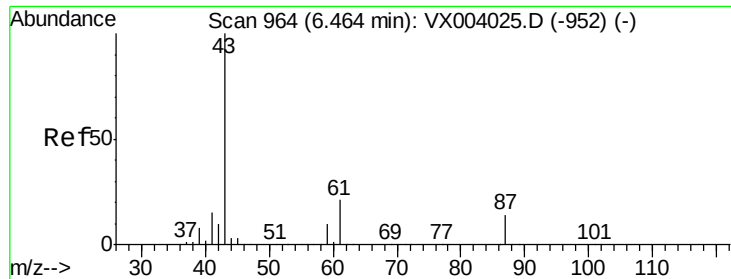
98 0.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.99 ug/l

RT: 6.34 min Scan# 944

Delta R.T. -0.12 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

ClientSampled :

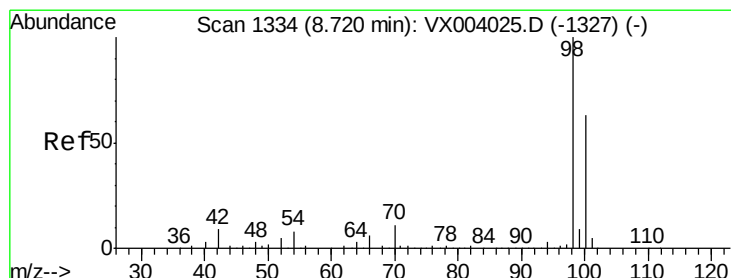
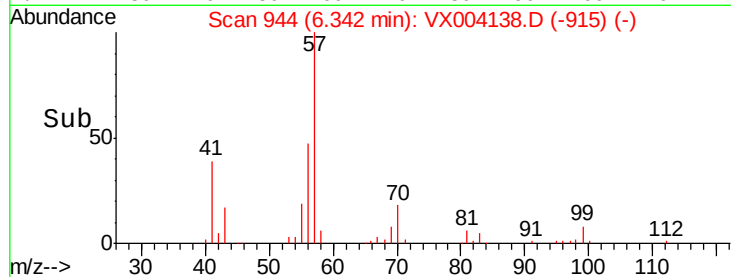
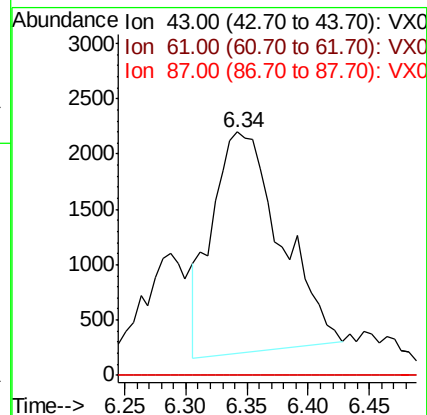
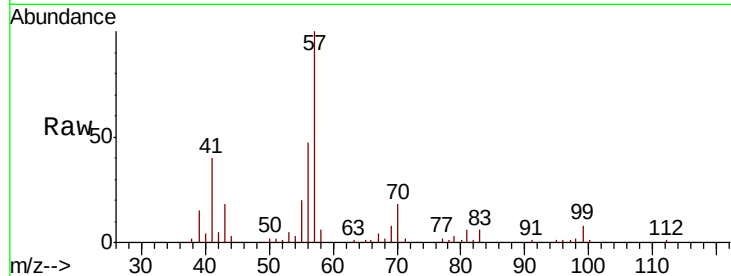
Tot Ion: 43 Resp: 7768

Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

87 0.0 11.3 16.9#



#50

Toluene-d8

Concen: 47.30 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004138.D

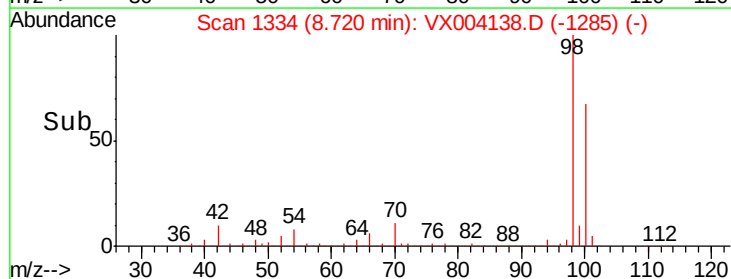
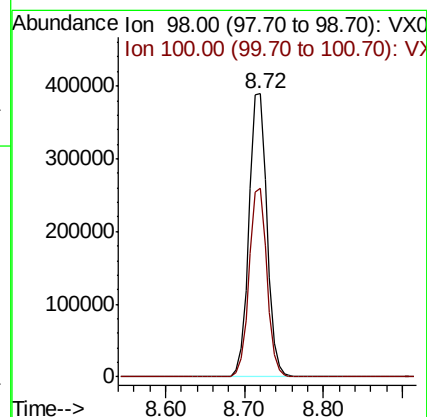
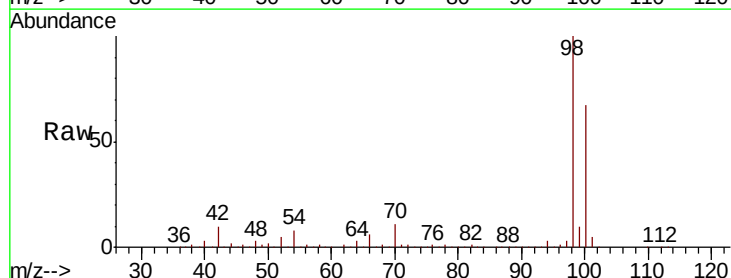
Acq: 17 Aug 2018 17:56

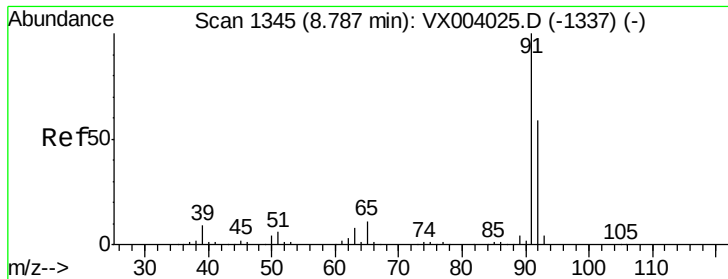
Tgt Ion: 98 Resp: 617392

Ion Ratio Lower Upper

98 100

100 65.8 53.3 79.9





#52

Toluene

Concen: 0.71 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

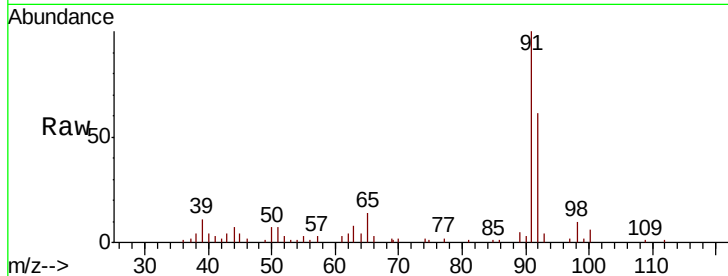
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 6577

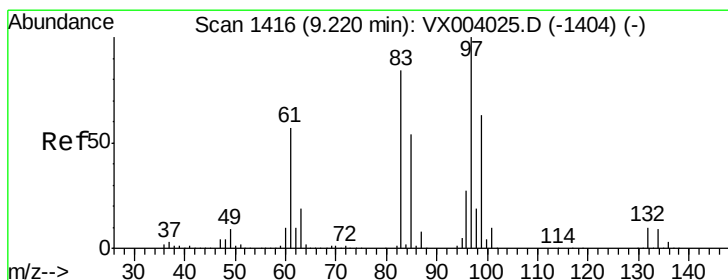
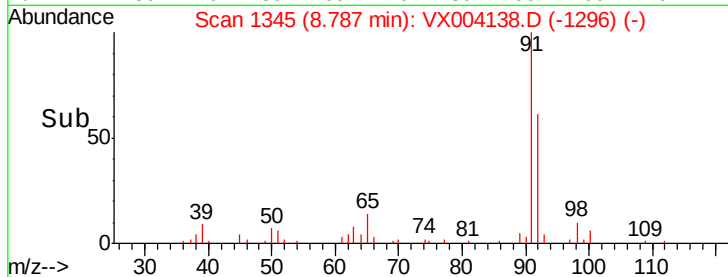
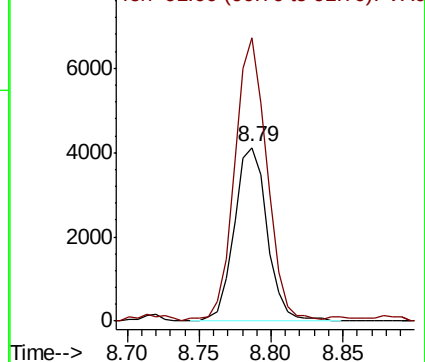
Ion Ratio Lower Upper

92 100

91 160.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.74 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.06 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Tgt Ion: 97 Resp: 2839

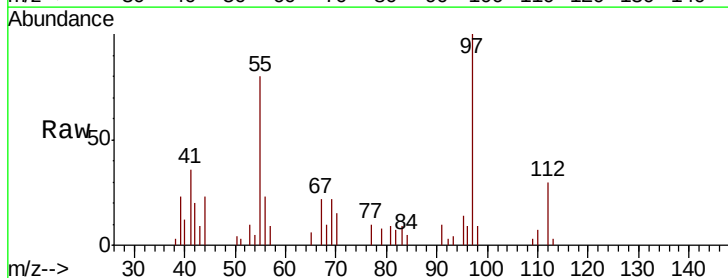
Ion Ratio Lower Upper

97 100

83 4.7 67.8 101.6#

85 0.0 44.2 66.2#

99 0.0 50.8 76.2#

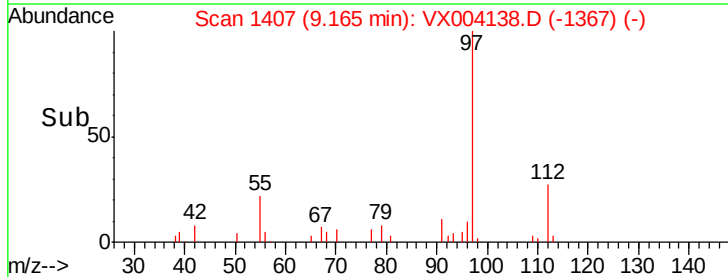
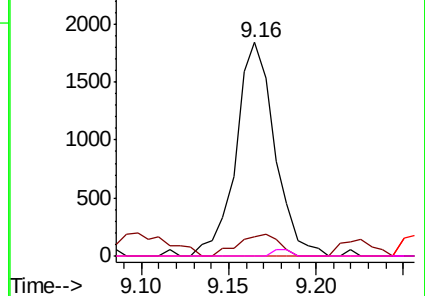


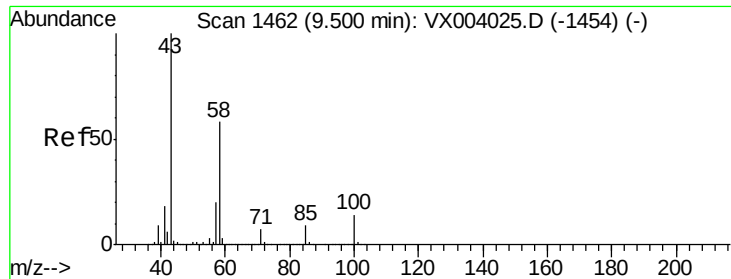
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

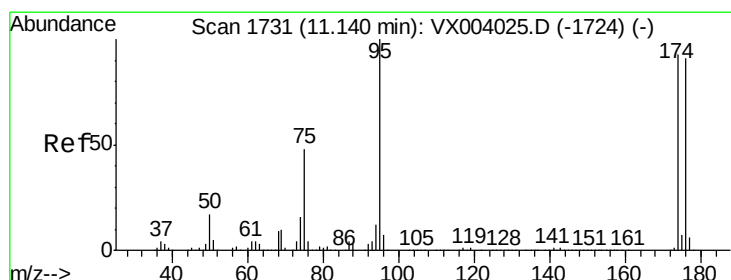
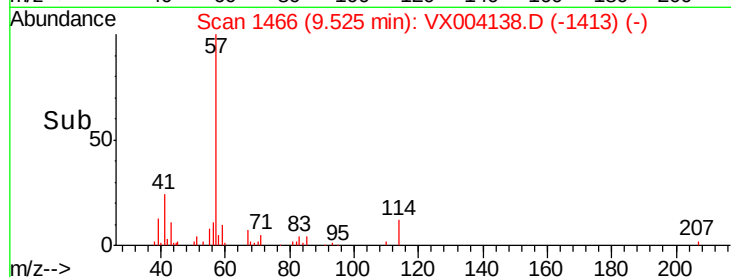
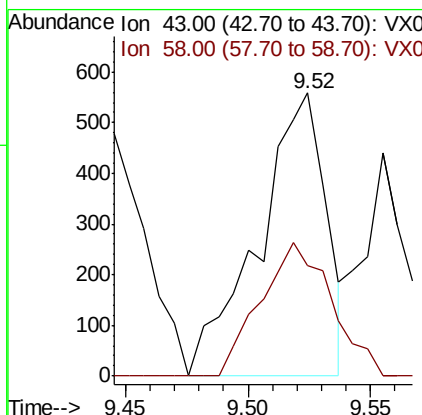
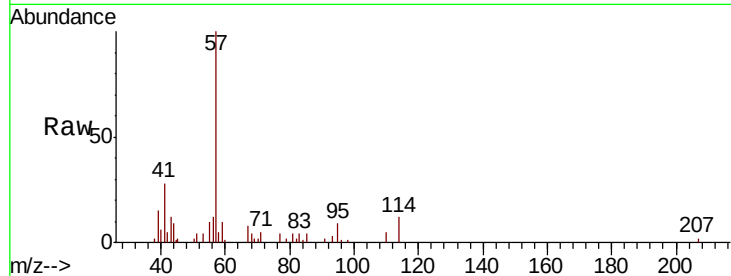




#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

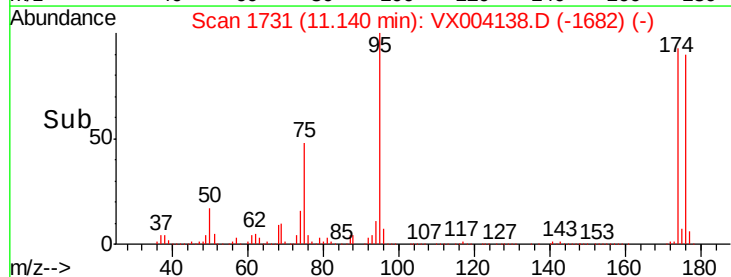
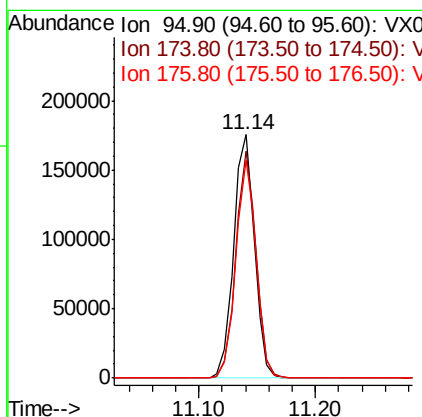
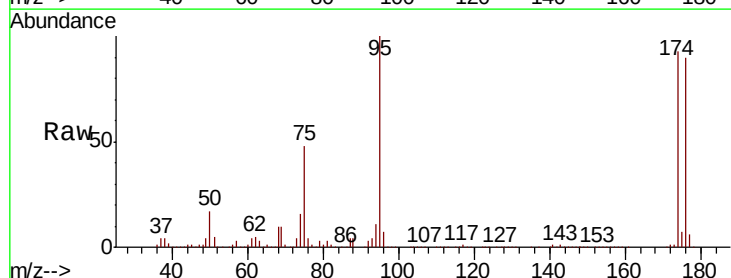
Instrument :
MSVOA_X
ClientSampleId :

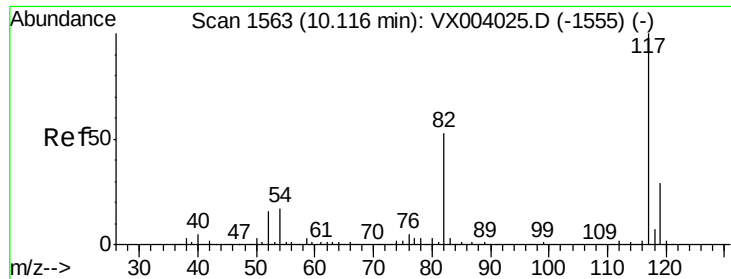
Tot Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
58 49.6 29.0 87.0



#62
4-Bromofluorobenzene
Concen: 46.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion: 95 Resp: 218994
Ion Ratio Lower Upper
95 100
174 91.0 0.0 182.8
176 87.6 0.0 179.0

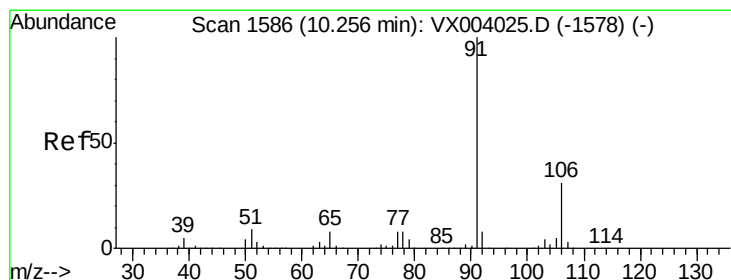
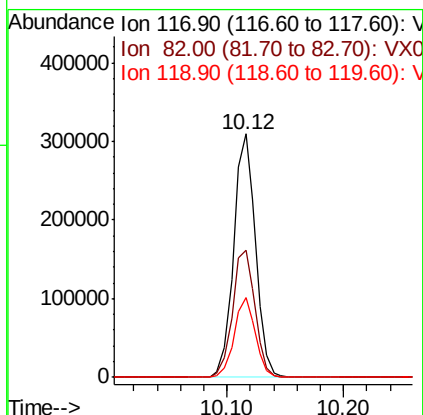
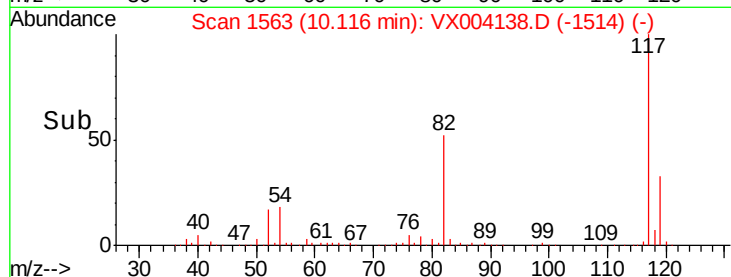
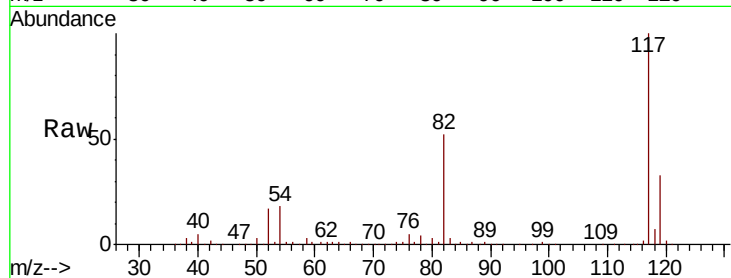




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

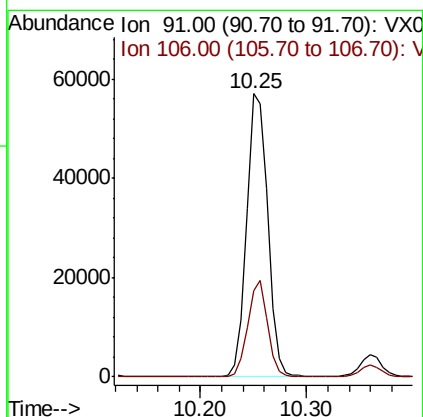
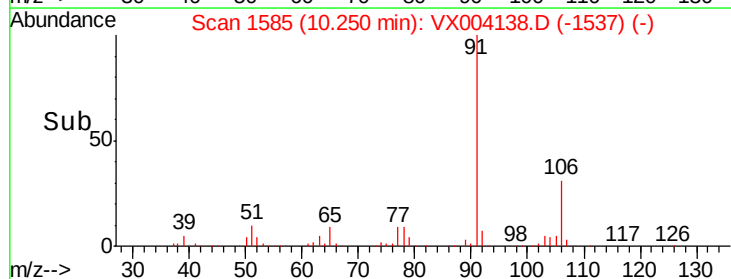
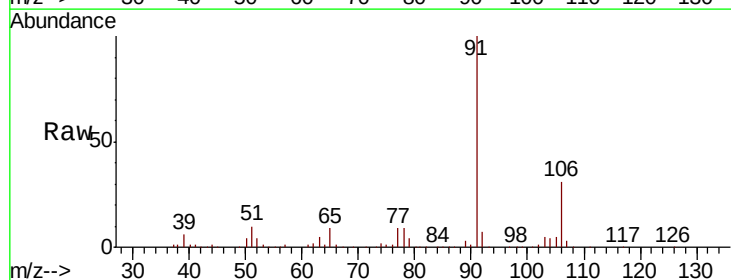
Instrument :
MSVOA_X
ClientSampleId :

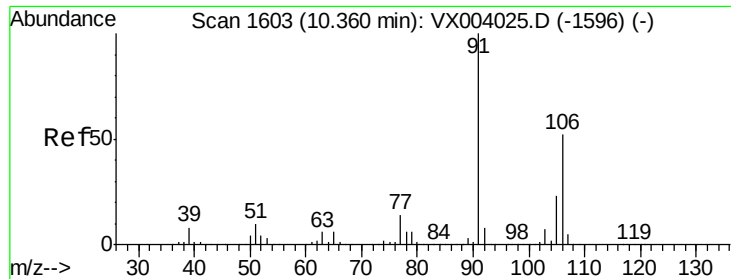
Tot Ion:117 Resp: 403637
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 32.9 26.6 40.0



#67
Ethyl Benzene
Concen: 4.85 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion: 91 Resp: 80004
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9

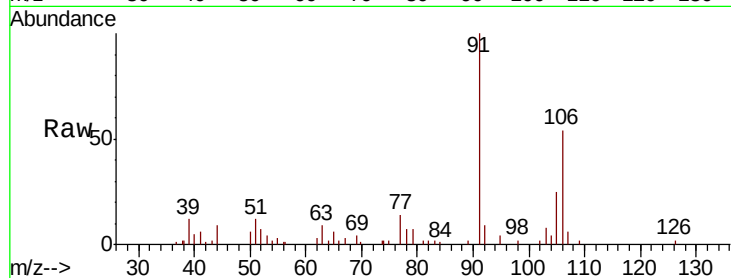




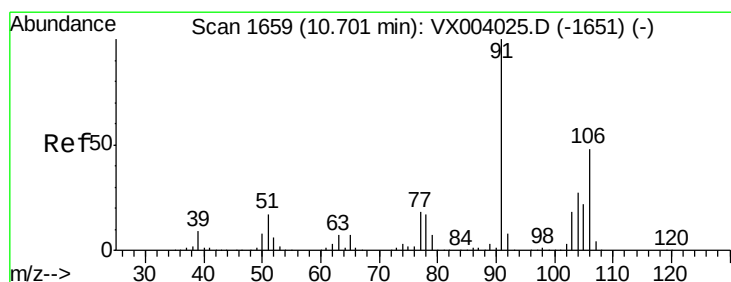
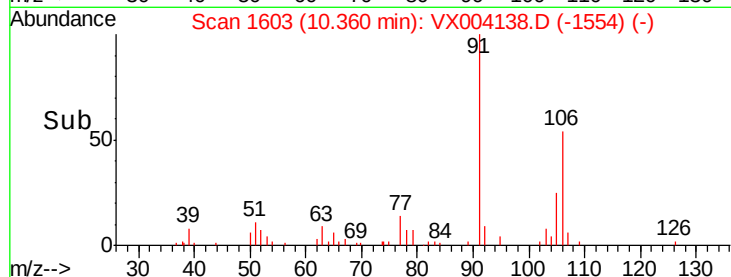
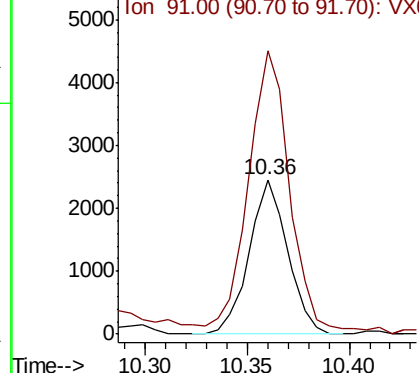
#68
m/p-Xylenes
Concen: 0.50 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 3218
Ion Ratio Lower Upper
106 100
91 200.7 162.3 243.5

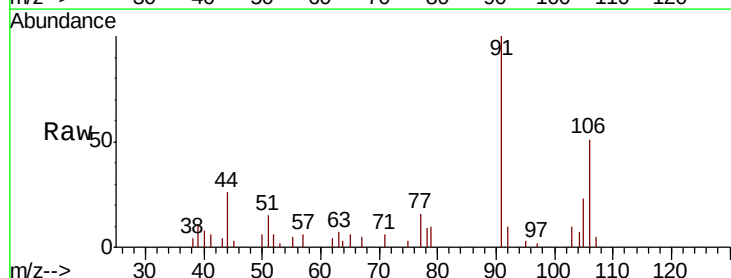


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

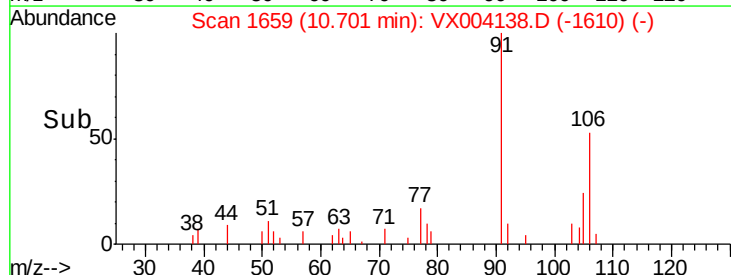
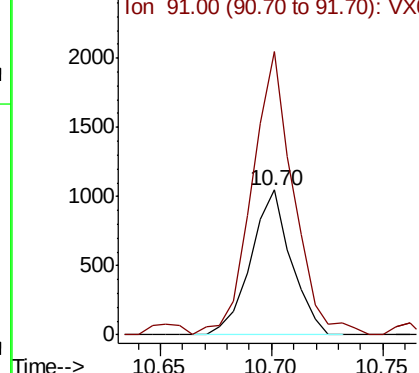


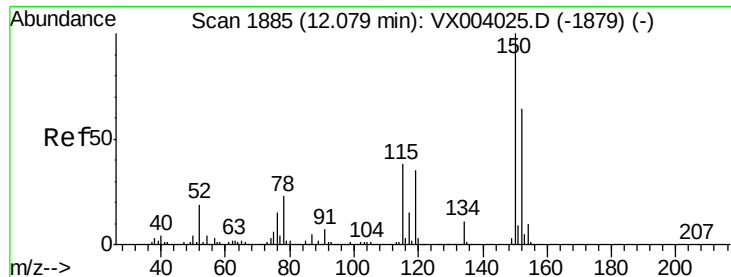
#69
o-Xylene
Concen: 0.21 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion:106 Resp: 1322
Ion Ratio Lower Upper
106 100
91 201.2 101.9 305.7



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

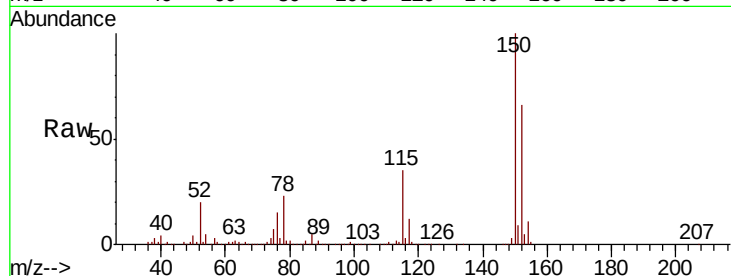




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.1	117.3
150	154.0	0.0	349.2

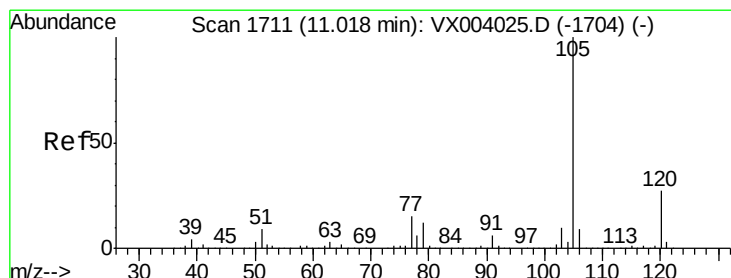
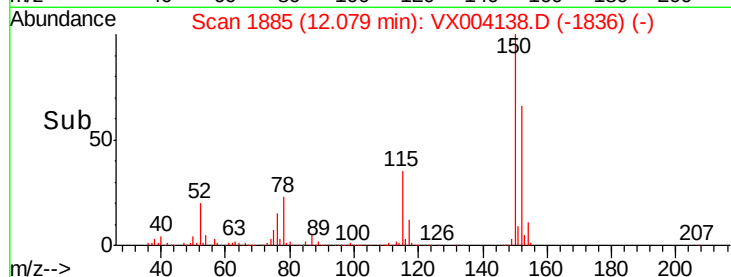
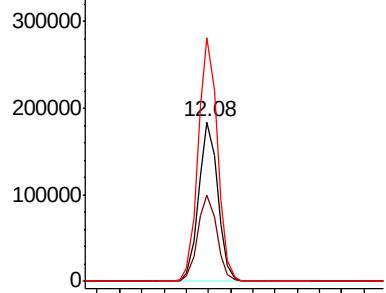


Abundance

Ion 151.90 (151.60 to 152.60): V

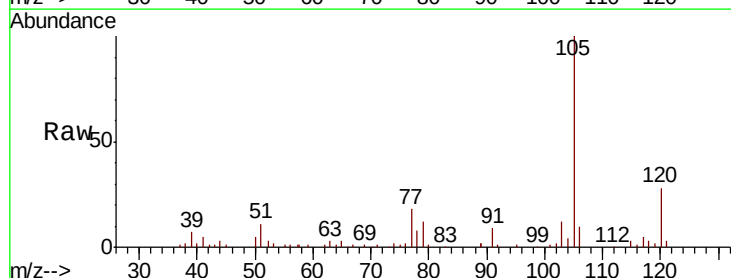
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73
 Isopropylbenzene
 Concen: 1.11 ug/l
 RT: 11.02 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

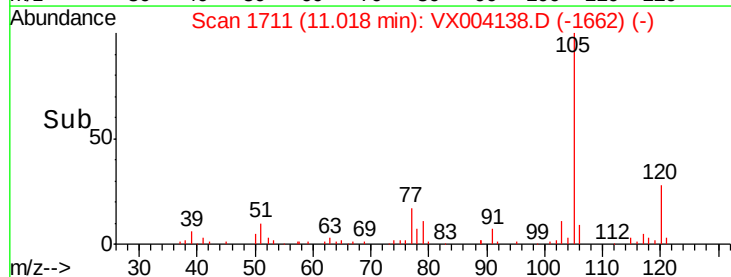
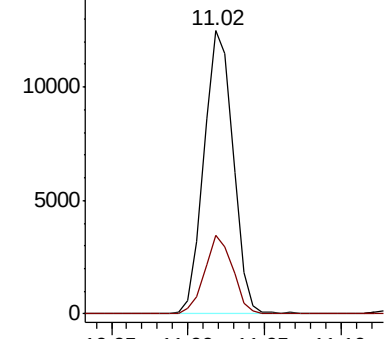
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	12.6	37.8

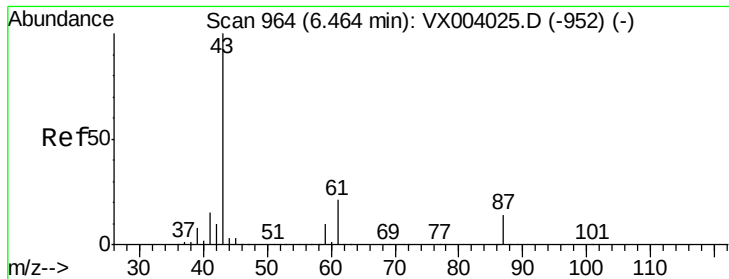


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.12 ug/l

RT: 6.34 min Scan# 944

Delta R.T. -0.12 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 7768

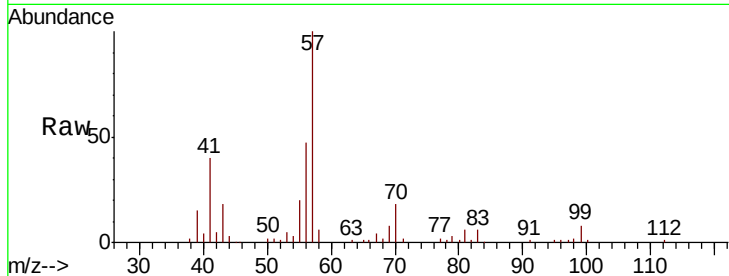
Ion Ratio Lower Upper

43 100

70 103.7 0.0 0.0#

55 142.1 0.1 0.1#

61 0.0 16.9 25.3#

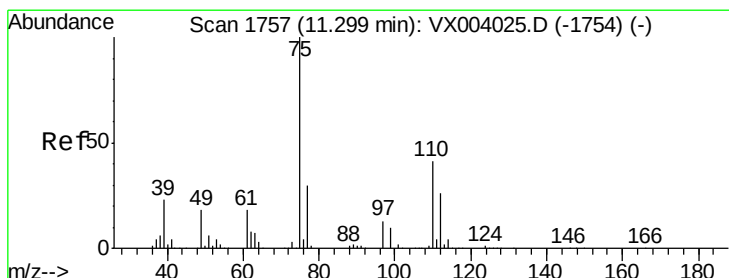
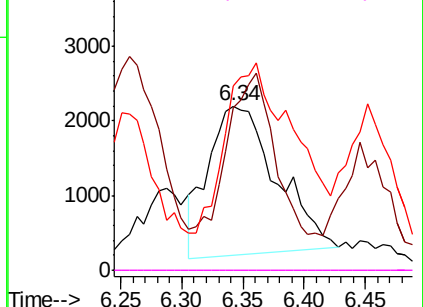
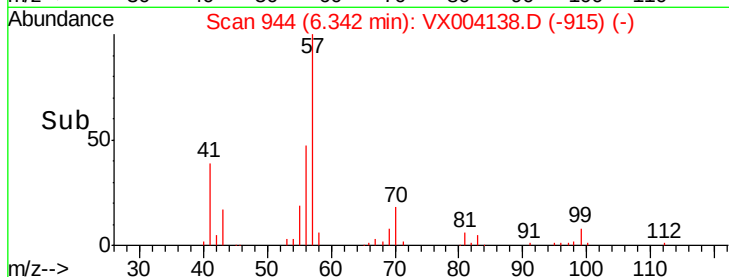


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004138.D

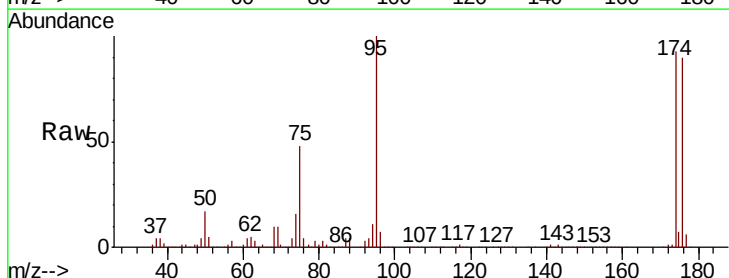
Acq: 17 Aug 2018 17:56

Tgt Ion: 75 Resp: 105379

Ion Ratio Lower Upper

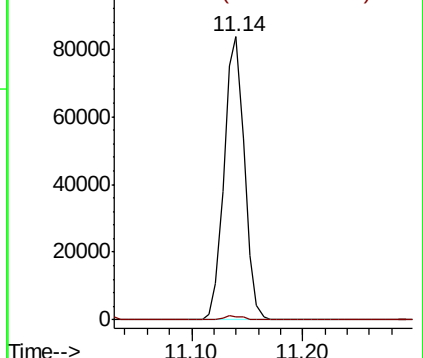
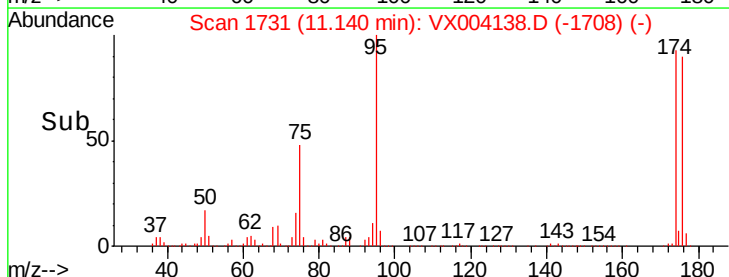
75 100

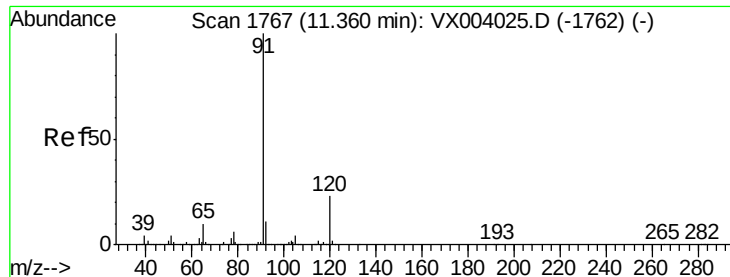
77 1.5 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

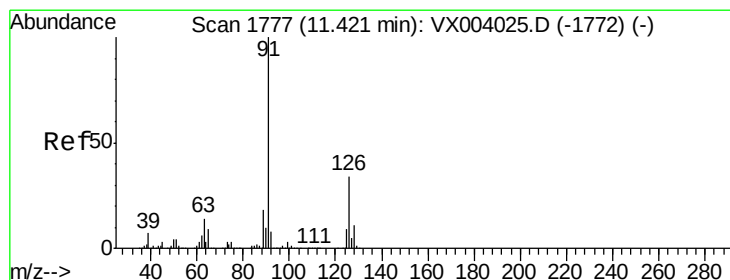
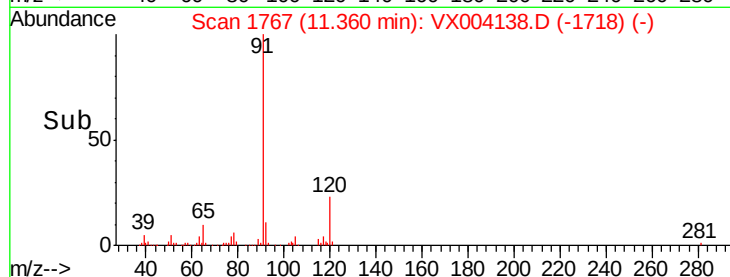
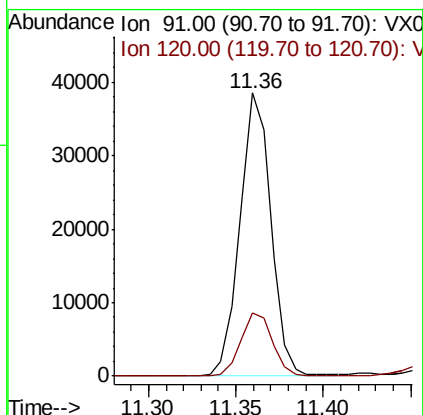
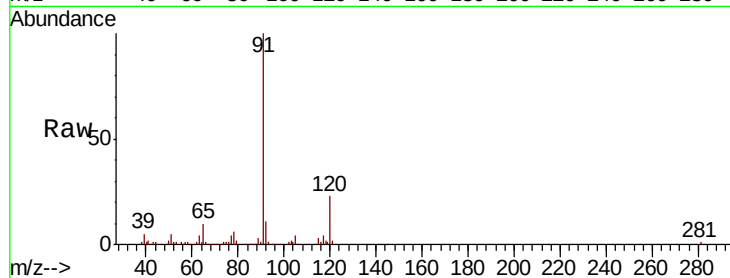




#78
n-propylbenzene
Concen: 2.88 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

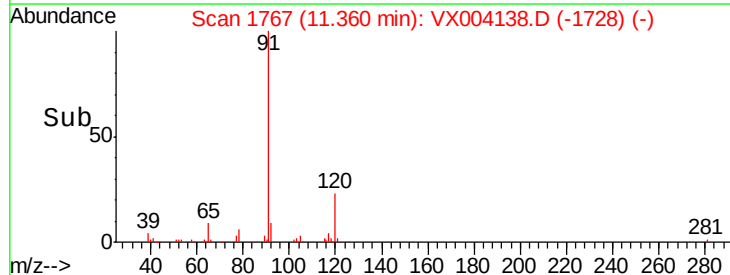
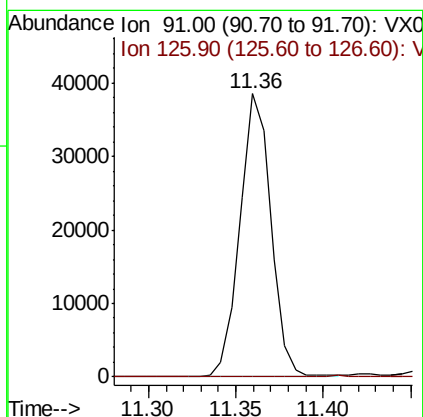
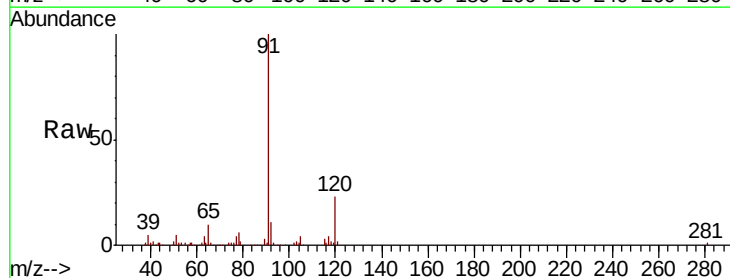
Instrument :
MSVOA_X
ClientSampleId :

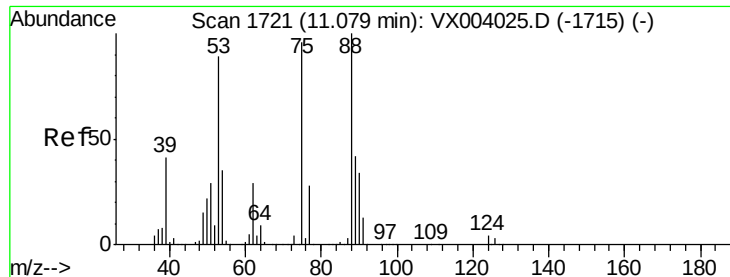
Tot Ion: 91 Resp: 47682
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5



#79
2-Chlorotoluene
Concen: 4.73 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.06 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion: 91 Resp: 47682
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 74.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

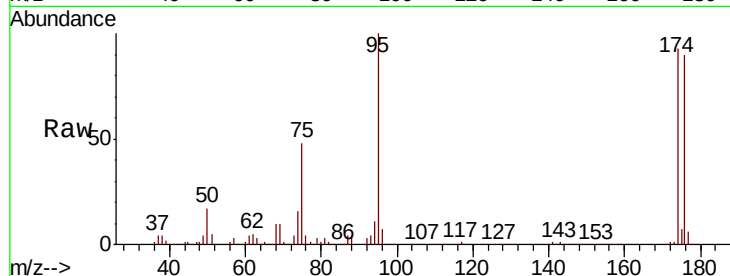
Tot Ion: 75 Resp: 105379

Ion Ratio Lower Upper

75 100

53 0.3 80.3 120.5#

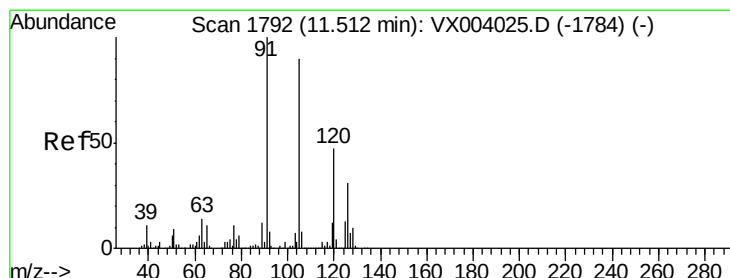
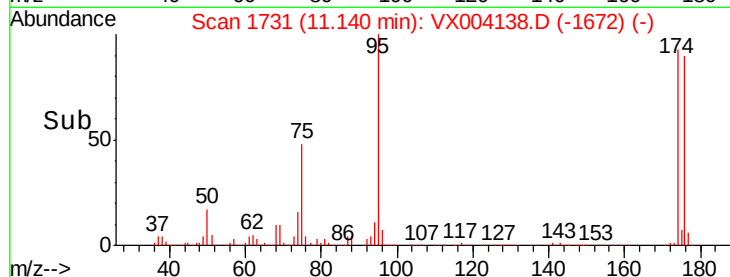
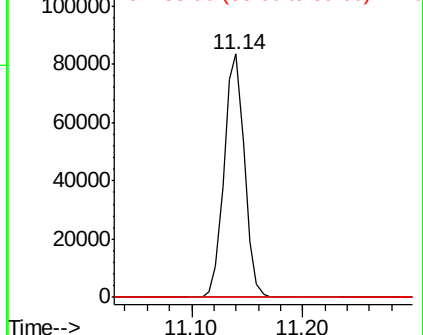
89 0.0 37.8 56.8#



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: 4.00 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.15 min

Lab File: VX004138.D

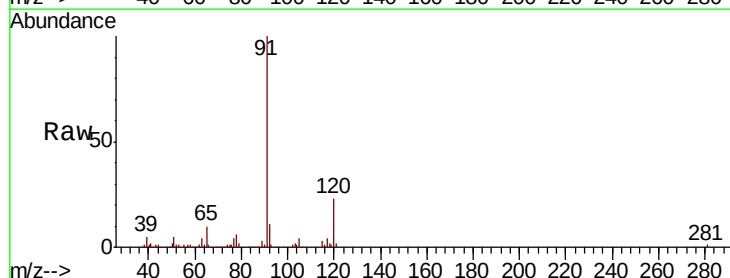
Acq: 17 Aug 2018 17:56

Tgt Ion: 91 Resp: 47682

Ion Ratio Lower Upper

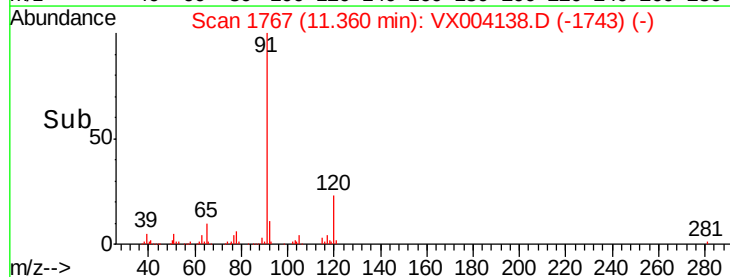
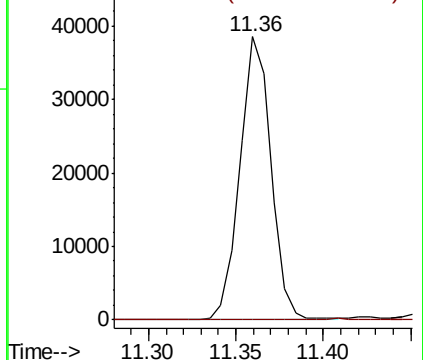
91 100

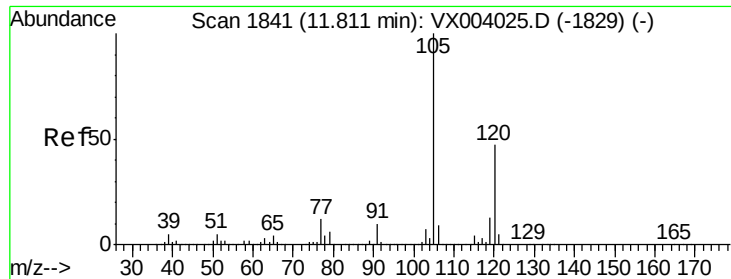
126 0.0 15.6 46.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.43 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004138.D

Acq: 17 Aug 2018 17:56

Instrument :

MSVOA_X

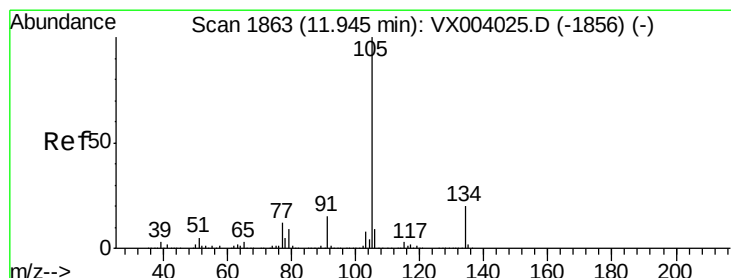
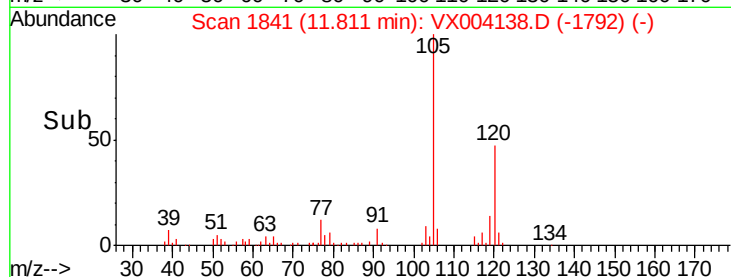
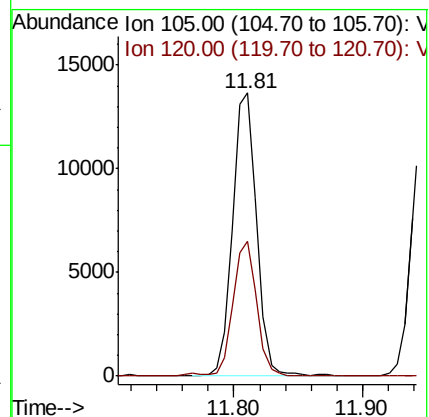
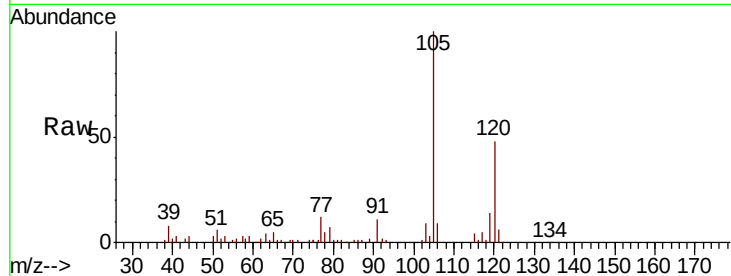
ClientSampled :

Tot Ion:105 Resp: 17970

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.2



#85

sec-Butylbenzene

Concen: 1.13 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004138.D

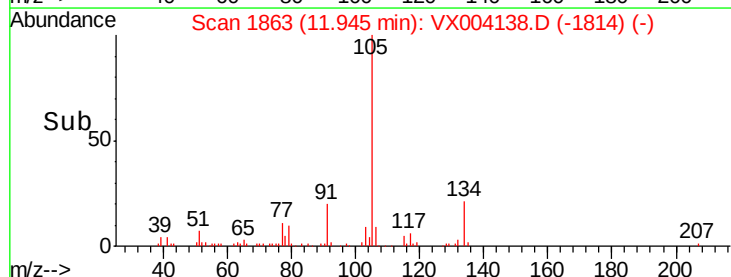
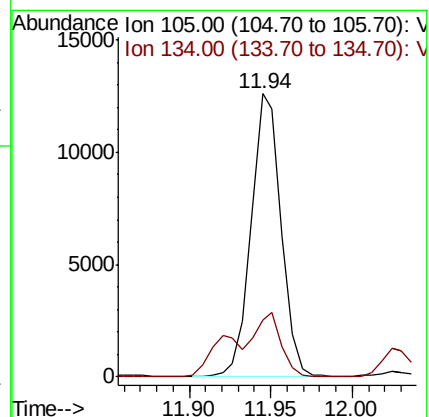
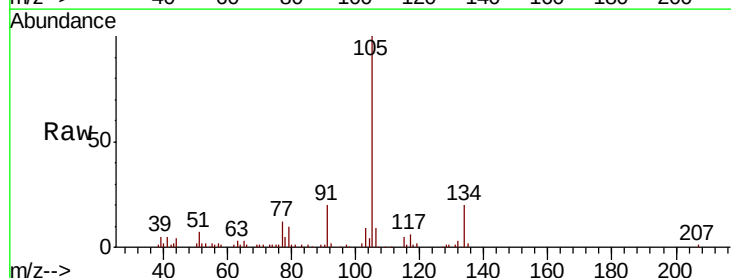
Acq: 17 Aug 2018 17:56

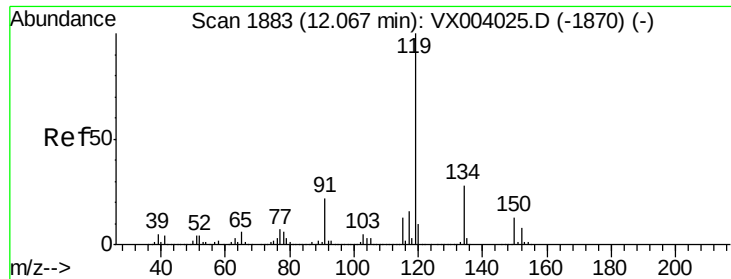
Tgt Ion:105 Resp: 16136

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.9

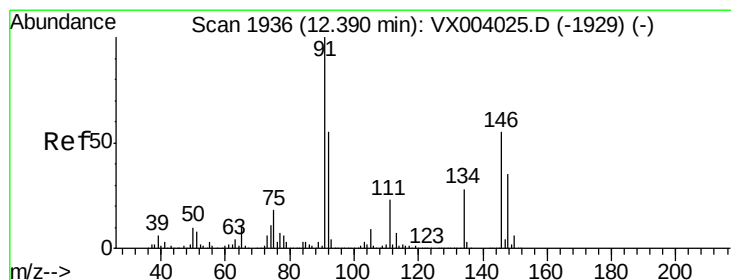
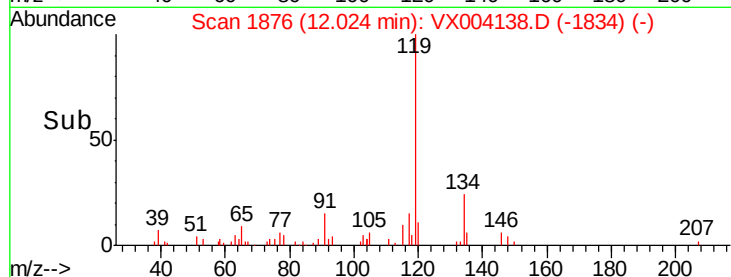
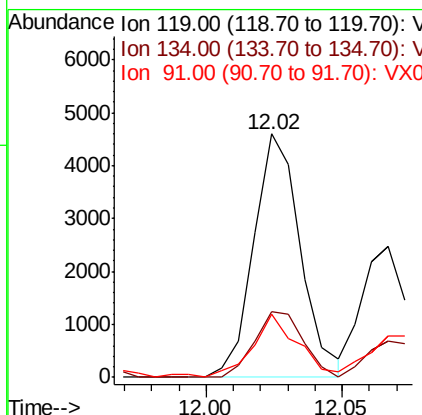
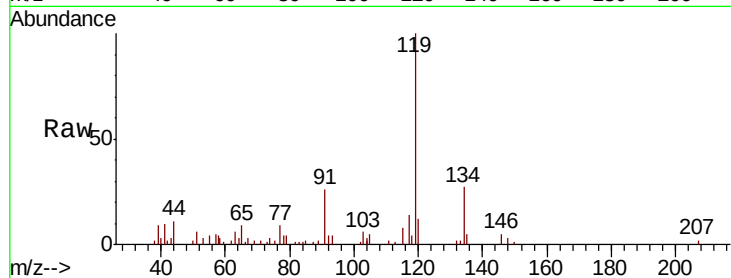




#86
 p-Isopropyltoluene
 Concen: 0.42 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.04 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

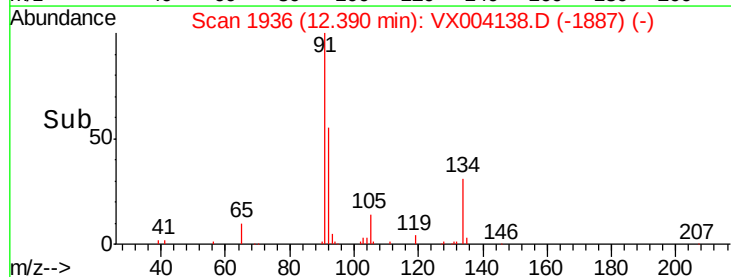
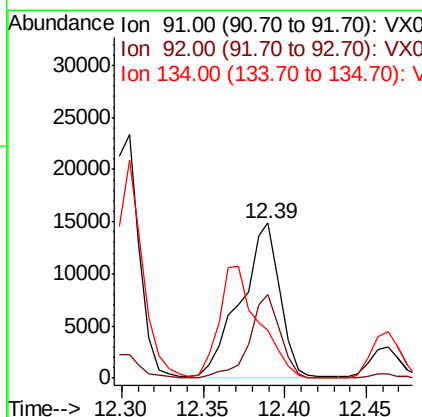
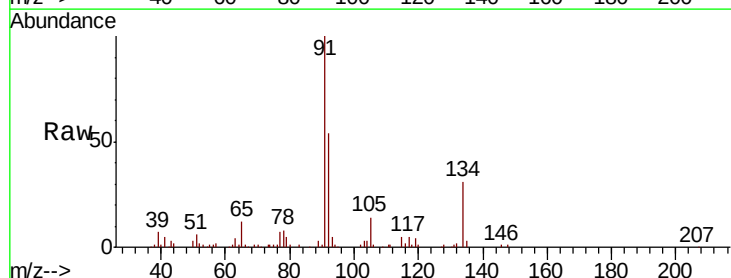
Instrument :
 MSVOA_X
 ClientSampleId :

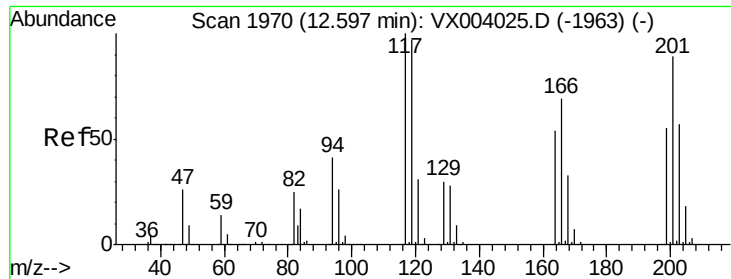
Tot Ion:119 Resp: 5478
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.3 39.8
 91 25.8 10.9 32.7



#89
 n-Butylbenzene
 Concen: 2.44 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004138.D
 Acq: 17 Aug 2018 17:56

Tgt Ion: 91 Resp: 24903
 Ion Ratio Lower Upper
 91 100
 92 42.5 27.1 81.3
 134 73.2 13.6 40.7#

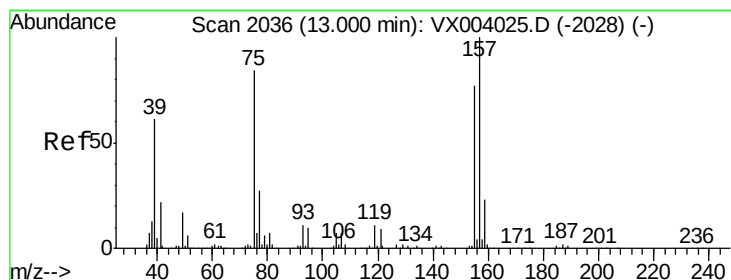
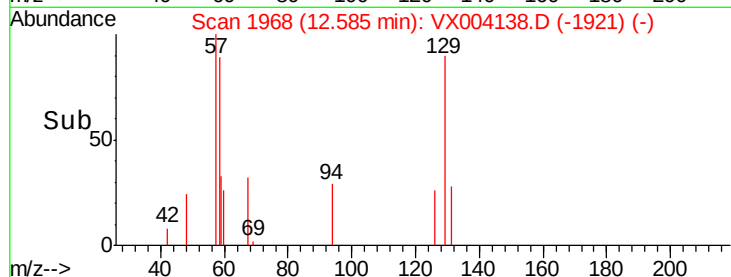
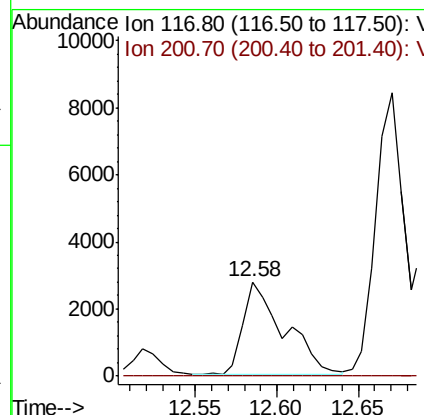
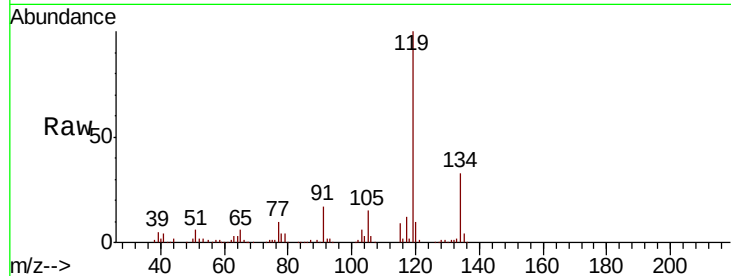




#90
Hexachloroethane
Concen: 2.51 ug/l
RT: 12.58 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

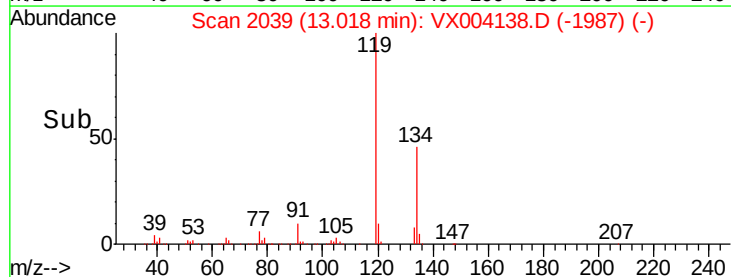
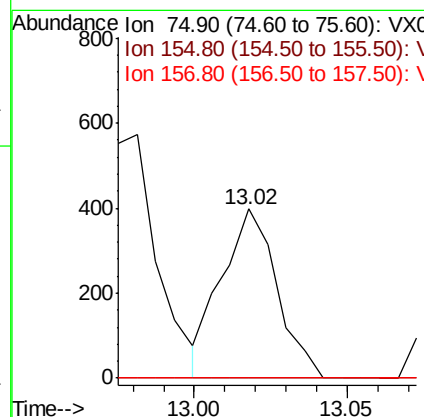
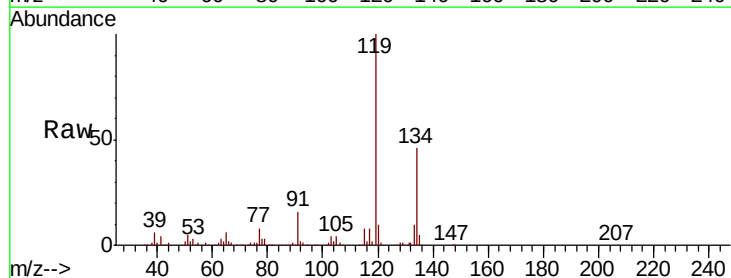
Instrument :
MSVOA_X
ClientSampleId :

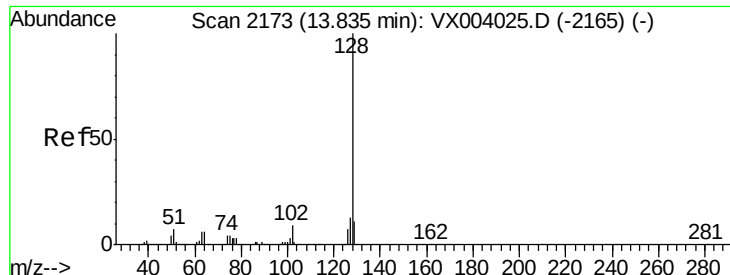
Tot Ion:117 Resp: 4855
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.55 ug/l
RT: 13.02 min Scan# 2039
Delta R.T. 0.02 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Tgt Ion: 75 Resp: 498
Ion Ratio Lower Upper
75 100
155 0.0 48.7 146.1#
157 0.0 62.6 187.8#





#95
Naphthalene
Concen: 1.76 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004138.D
Acq: 17 Aug 2018 17:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 9710
Ion Ratio Lower Upper
128 100
127 15.2 10.2 15.2#
129 21.3 8.8 13.2#

