

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
 Data File : VX006994.D
 Acq On : 10 Jan 2019 17:07
 Operator : JC/MD
 Sample : K1099-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-17-14

Quant Time: Jan 11 07:14:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	612412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	930595	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	884106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	323183	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.50	113	282823	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	1136655	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.13	95	400803	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

					Qvalue	
8) Diethyl Ether	2.20	74	977	0.241	ug/l	77
11) Tert butyl alcohol	3.06	59	3604	2.387	ug/l #	89
13) Acrolein	2.30	56	406	3.700	ug/l #	10
16) Acetone	2.45	43	23247	7.347	ug/l	96
18) Methyl Acetate	2.78	43	31295	3.415	ug/l	95
20) Methylene Chloride	2.86	84	175904	28.991	ug/l	94
25) 2-Butanone	4.69	43	12288	2.714	ug/l #	85
29) Tetrahydrofuran	5.17	42	1864	0.634	ug/l #	37
30) Chloroform	5.21	83	6073	0.572	ug/l #	79
31) Cyclohexane	5.67	56	10094	1.118	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	38286	4.732	ug/l #	49
37) Ethyl Acetate	4.69	43	12288	1.417	ug/l #	69
38) Carbon Tetrachloride	5.67	117	55219	6.783	ug/l #	14
43) Isopropyl Acetate	6.46	43	36768	2.687	ug/l	99
47) Bromodichloromethane	7.90	83	1927	0.260	ug/l #	87
48) Methyl methacrylate	7.68	41	18971	2.700	ug/l #	12
49) 1,4-Dioxane	7.76	88	232	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	179749	20.442	ug/l #	48
54) cis-1,3-Dichloropropene	8.62	75	88196	9.700	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	18159	1.745	ug/l #	44
59) 2-Hexanone	9.54	43	232277	34.664	ug/l #	50
67) Ethyl Benzene	10.25	91	96677	3.037	ug/l	97
68) m/p-Xylenes	10.36	106	193265	15.410	ug/l	100
69) o-Xylene	10.69	106	113325	9.265	ug/l	94
70) Styrene	10.70	104	6094	0.315	ug/l #	1
71) Bromoform	10.87	173	116	4.746	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	189470	21.427	ug/l #	41
78) n-propylbenzene	11.36	91	12191	0.361	ug/l	99
79) 2-Chlorotoluene	11.43	91	13869	0.682	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	55406	2.155	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	189470	63.556	ug/l #	10
82) 4-Chlorotoluene	11.51	91	5900	0.251	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.80	105	351141	13.582	ug/l	98
85) sec-Butylbenzene	11.80	105	351013	11.458	ug/l #	55

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

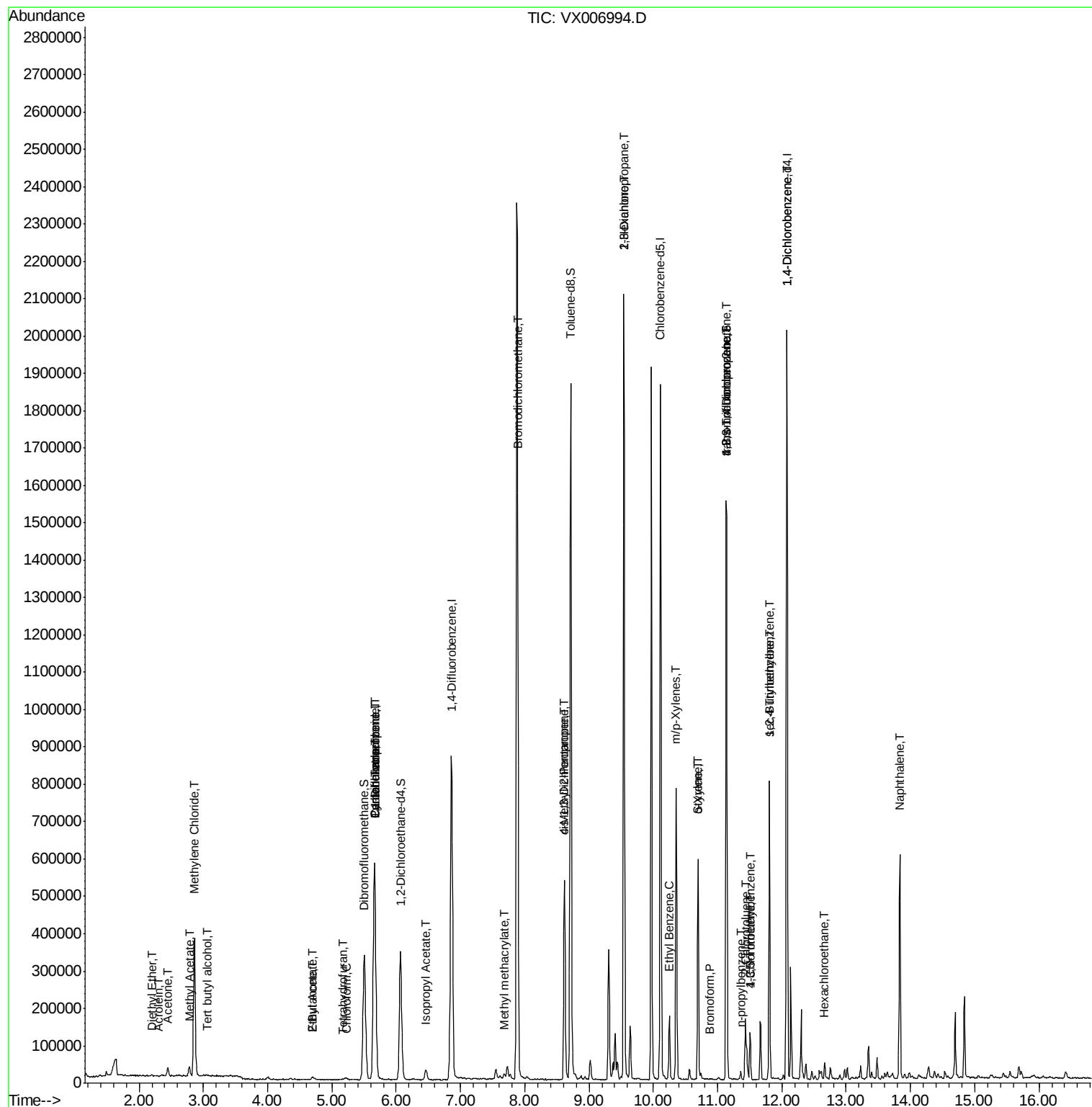
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.08	146	847	0.203	ug/l #	1
90) Hexachloroethane	12.67	117	1892	3.316	ug/l #	6
95) Naphthalene	13.83	128	373974	11.896	ug/l	99

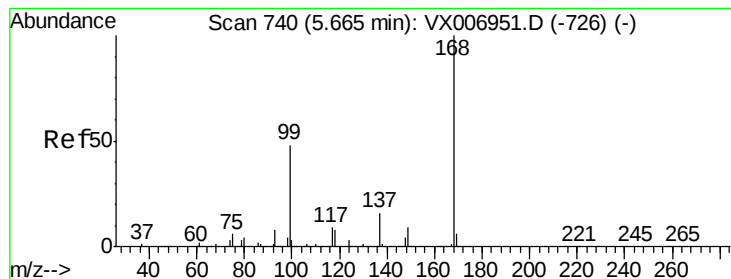
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

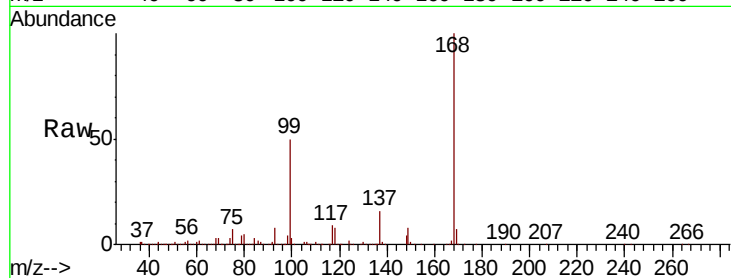
TP-17-14

Tgt Ion:168 Resp: 612412

Ion Ratio Lower Upper

168 100

99 49.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

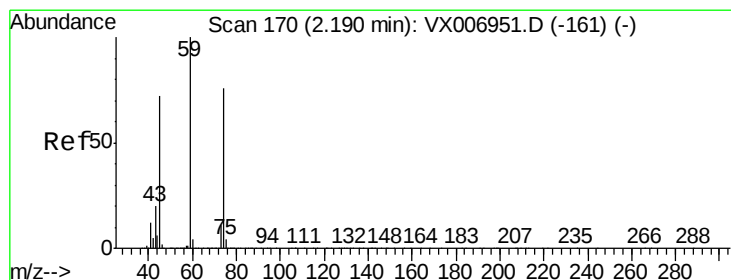
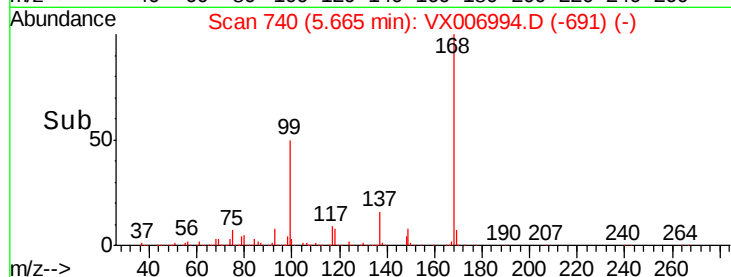
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 0.241 ug/l

RT: 2.20 min Scan# 172

Delta R.T. 0.01 min

Lab File: VX006994.D

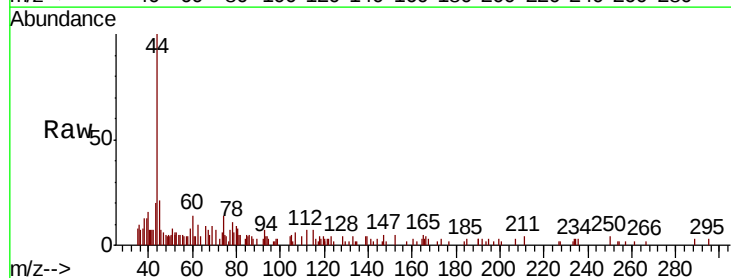
Acq: 10 Jan 2019 17:07

Tgt Ion: 74 Resp: 977

Ion Ratio Lower Upper

74 100

45 70.6 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1000

800

600

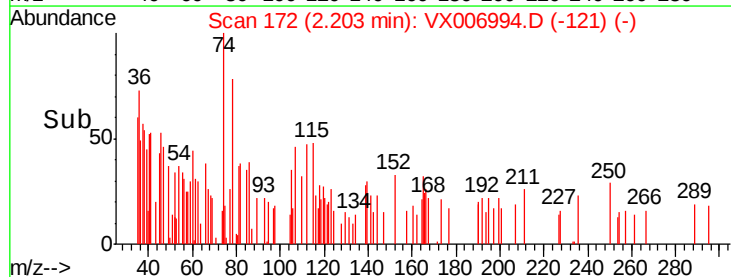
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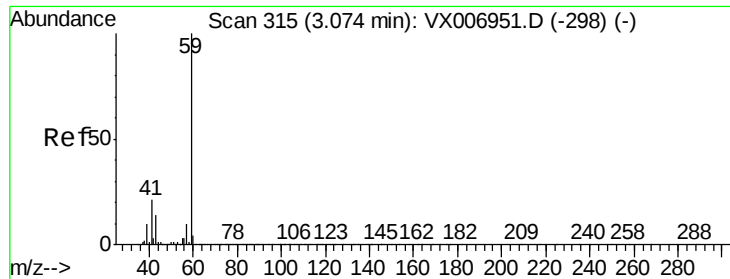
200

0

Time-->

2.15 2.20 2.25

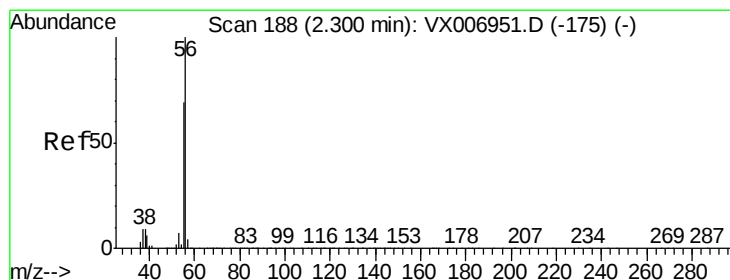
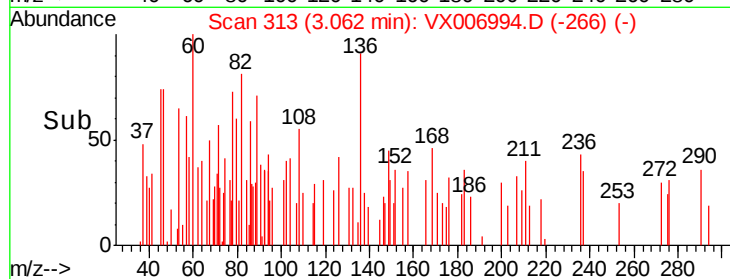
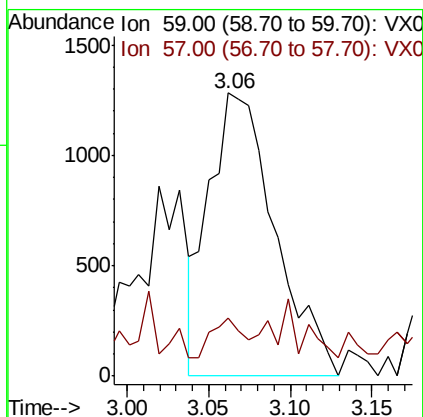
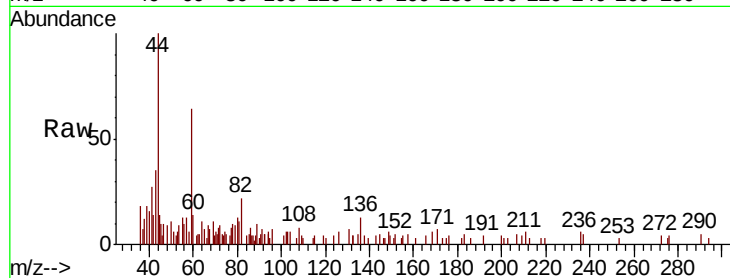




#11
Tert butyl alcohol
Concen: 2.387 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

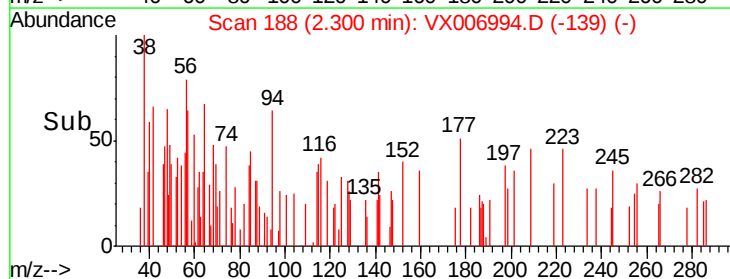
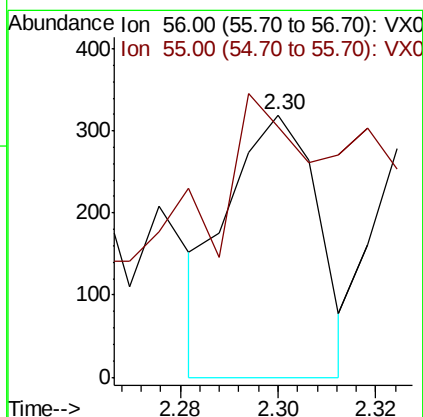
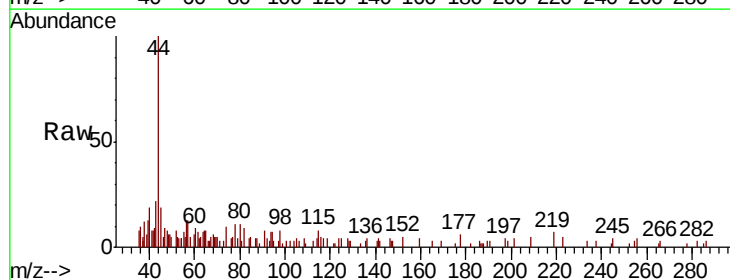
Instrument :
MSVOA_X
ClientSampled :
TP-17-14

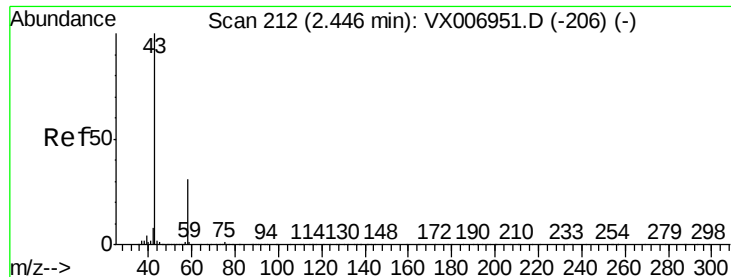
Tgt Ion: 59 Resp: 3604
Ion Ratio Lower Upper
59 100
57 6.6 8.5 12.7#



#13
Acrolein
Concen: 3.700 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Tgt Ion: 56 Resp: 406
Ion Ratio Lower Upper
56 100
55 148.0 58.2 87.4#

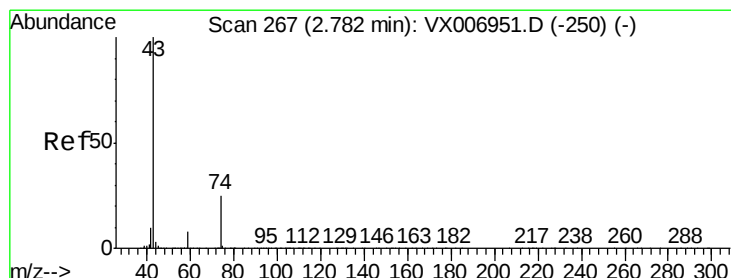
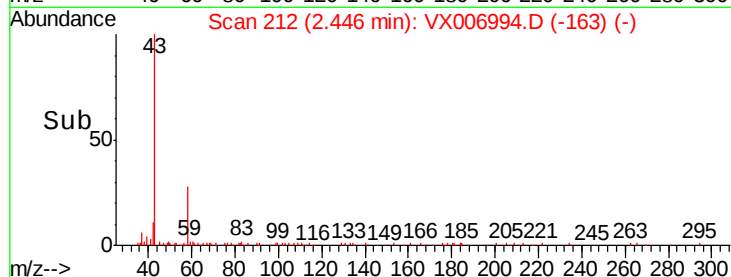
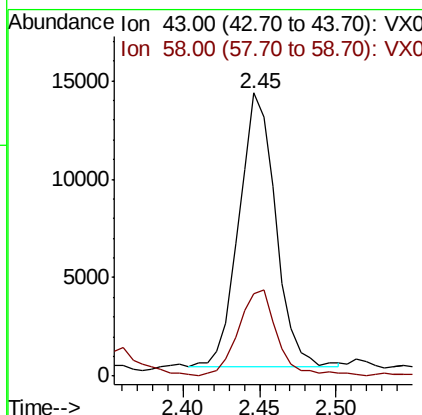
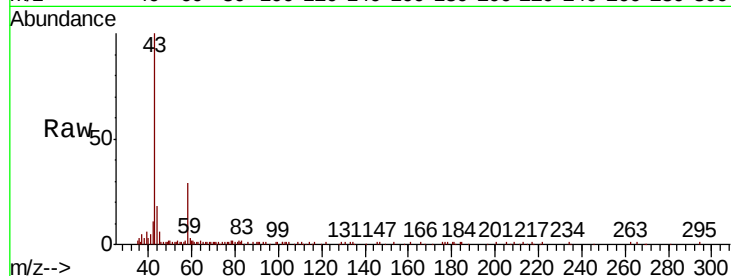




#16
Acetone
Concen: 7.347 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

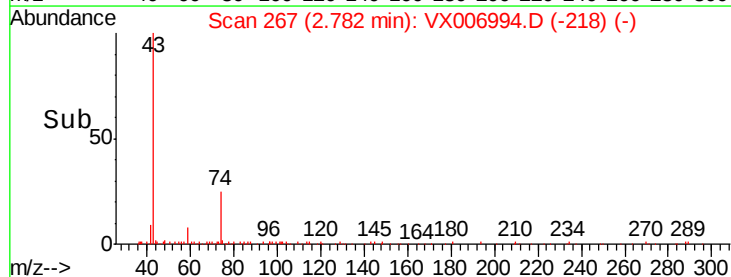
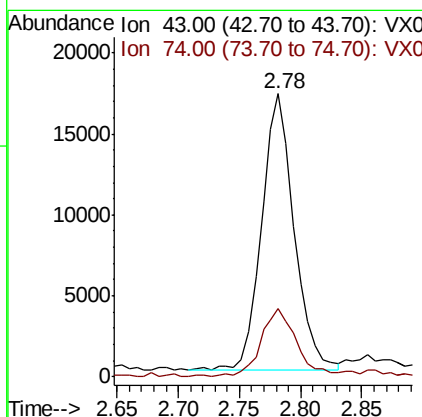
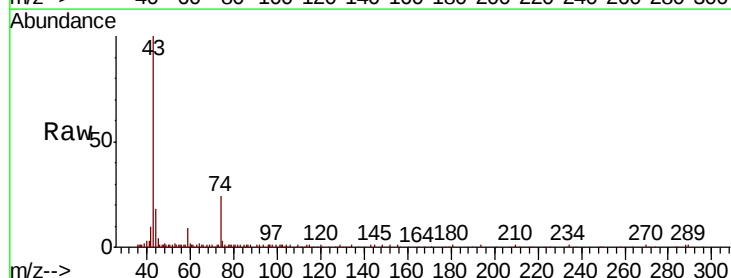
Instrument :
MSVOA_X
ClientSampleId :
TP-17-14

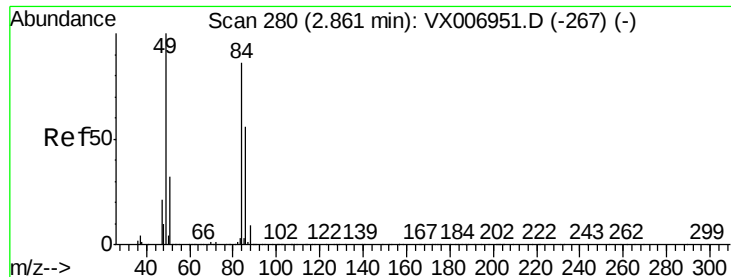
Tgt Ion: 43 Resp: 23247
Ion Ratio Lower Upper
43 100
58 29.2 25.0 37.6



#18
Methyl Acetate
Concen: 3.415 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Tgt Ion: 43 Resp: 31295
Ion Ratio Lower Upper
43 100
74 25.9 18.6 28.0

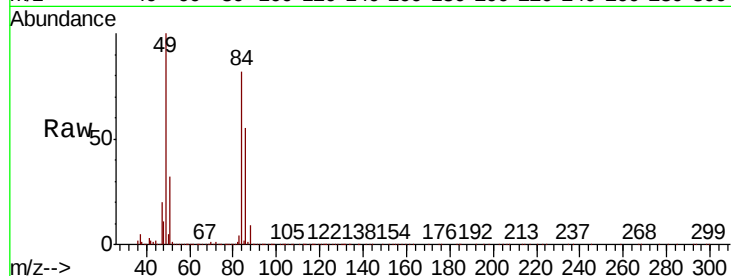




#20
Methylene Chloride
Concen: 28.991 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :
TP-17-14

Tgt Ion:	84	Resp:	175904
Ion	Ratio	Lower	Upper
84	100		
49	121.2	91.8	137.6
51	39.2	28.5	42.7
86	66.7	50.2	75.2



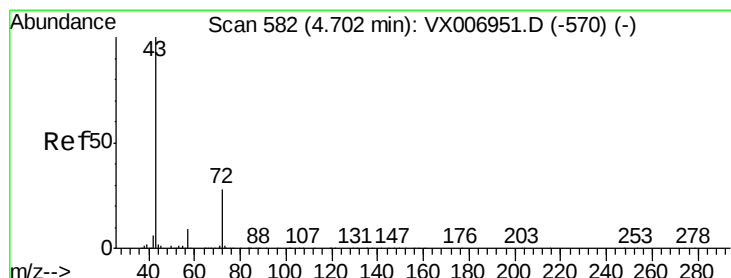
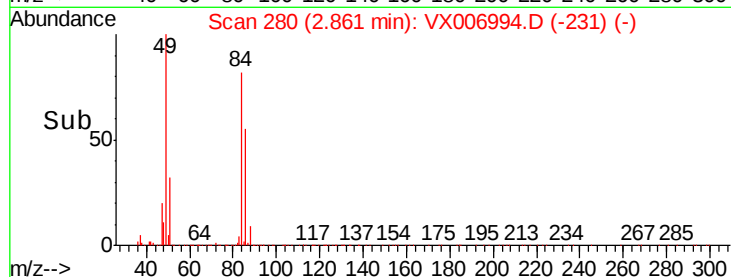
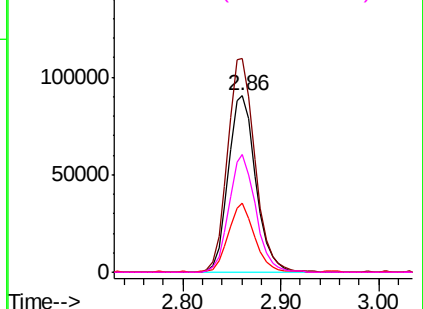
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

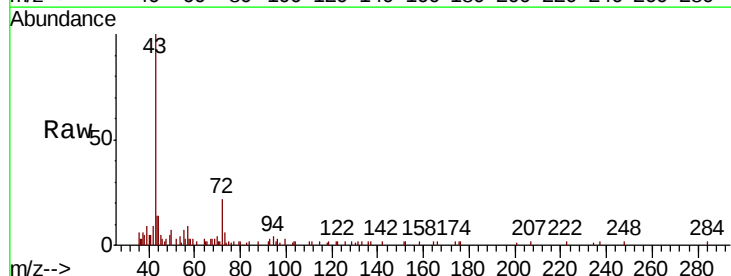
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25
2-Butanone
Concen: 2.714 ug/l
RT: 4.69 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

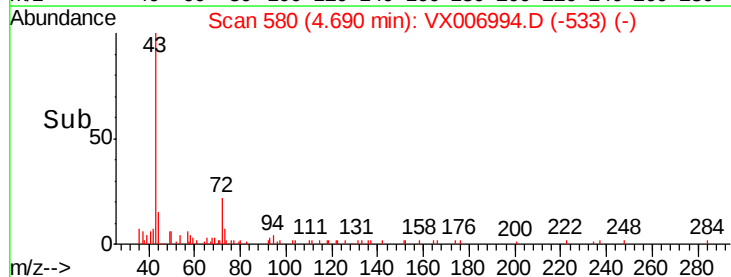
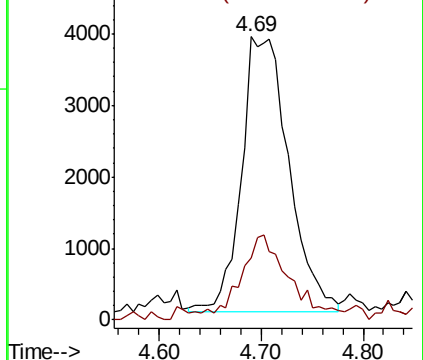
Tgt Ion:	43	Resp:	12288
Ion	Ratio	Lower	Upper
43	100		
72	20.1	22.4	33.6#

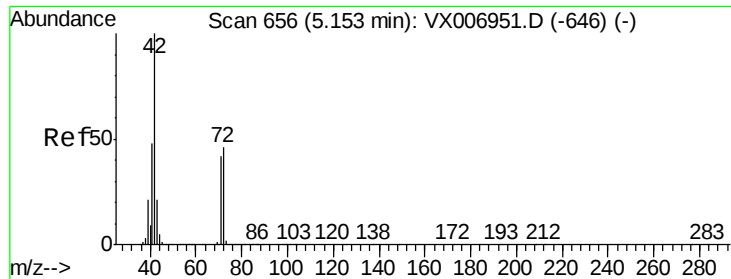


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.634 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampled :

TP-17-14

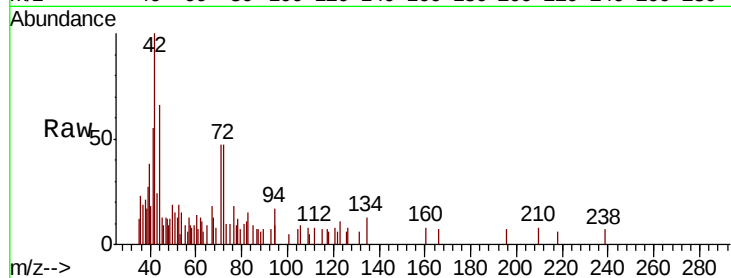
Tgt Ion: 42 Resp: 1864

Ion Ratio Lower Upper

42 100

72 87.2 38.9 58.3#

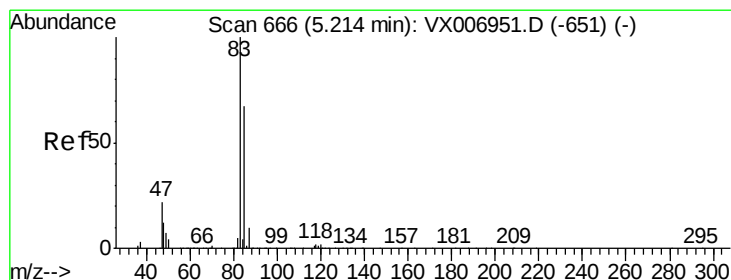
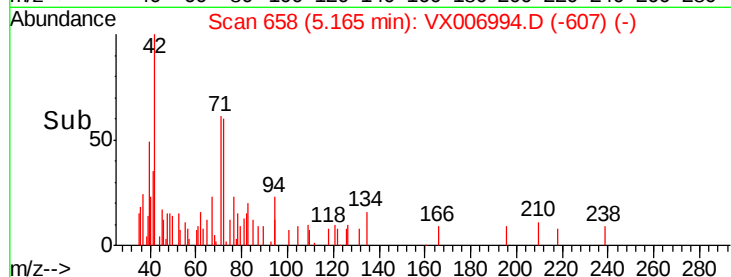
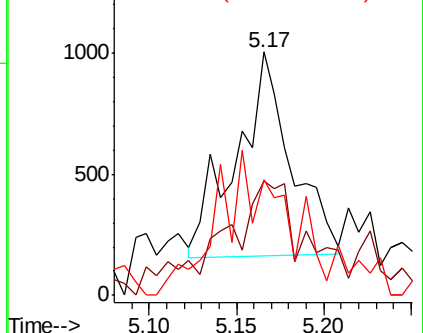
71 0.0 36.2 54.4#



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



#30

Chloroform

Concen: 0.572 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006994.D

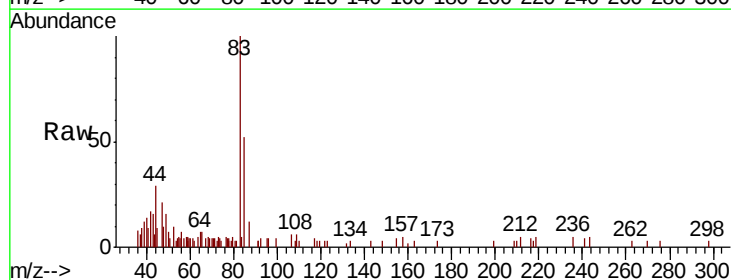
Acq: 10 Jan 2019 17:07

Tgt Ion: 83 Resp: 6073

Ion Ratio Lower Upper

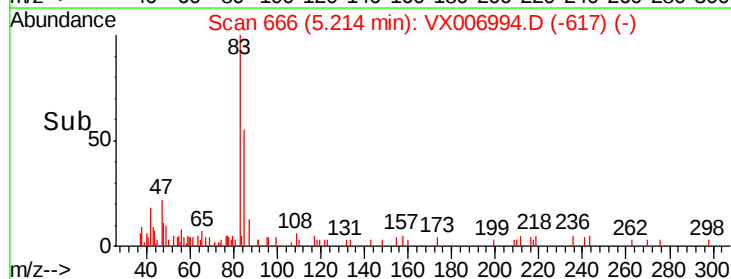
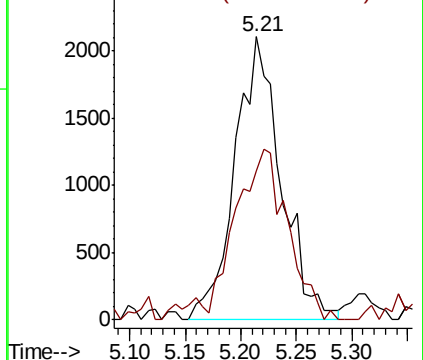
83 100

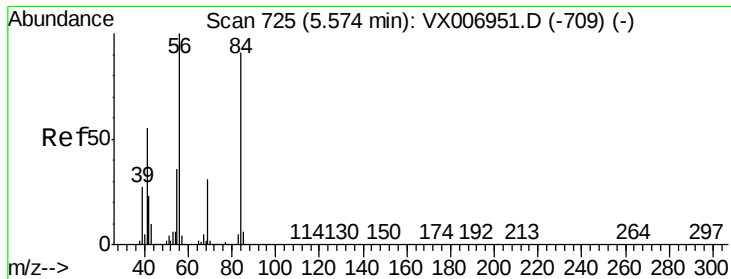
85 47.3 51.2 76.8#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

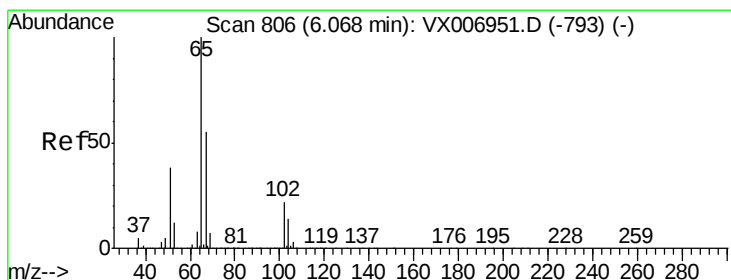
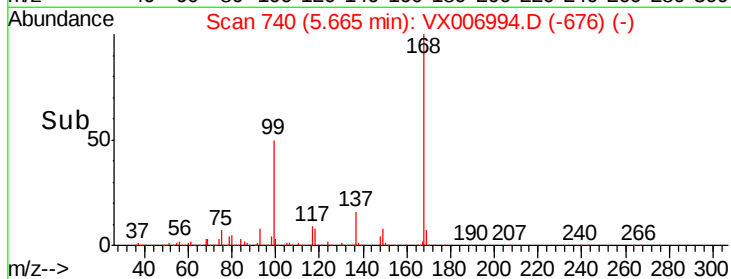
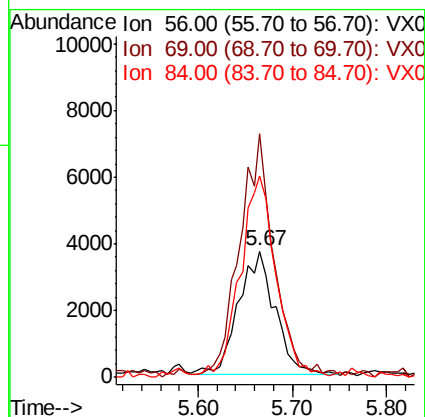
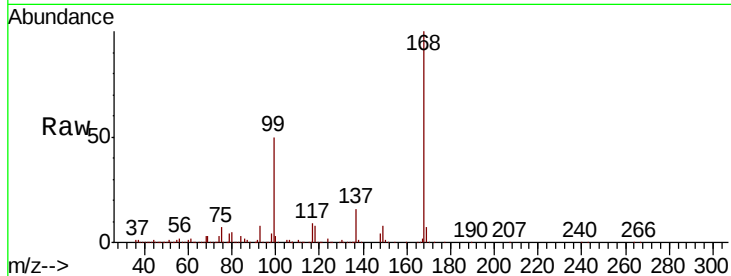




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

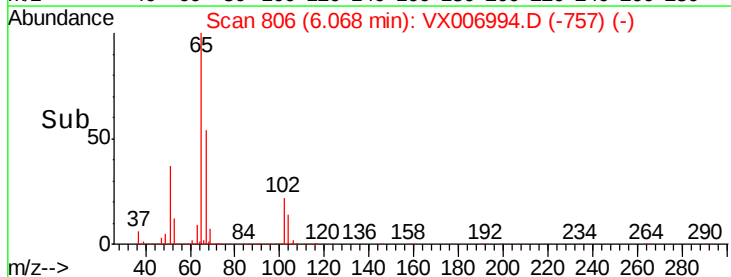
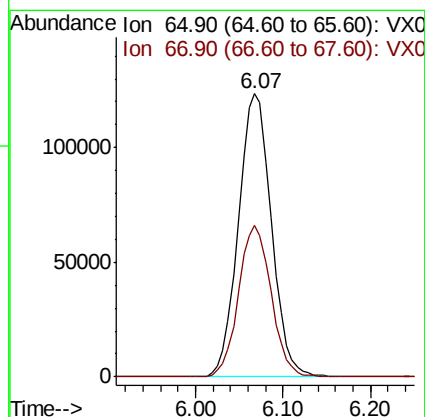
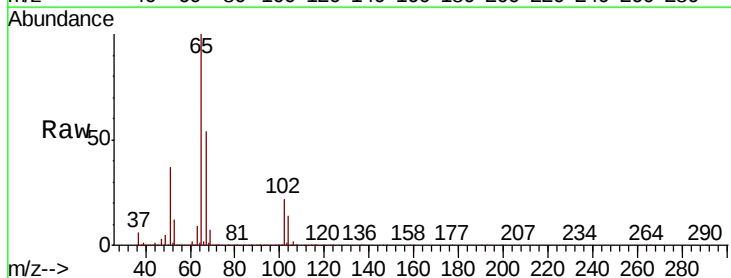
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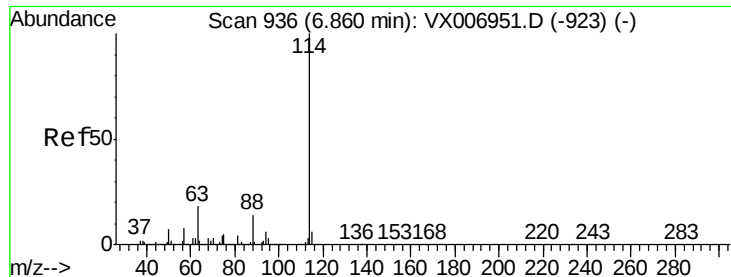
Tgt Ion: 56 Resp: 10094
Ion Ratio Lower Upper
56 100
69 195.4 24.4 36.6#
84 160.8 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 50.496 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Tgt Ion: 65 Resp: 323183
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

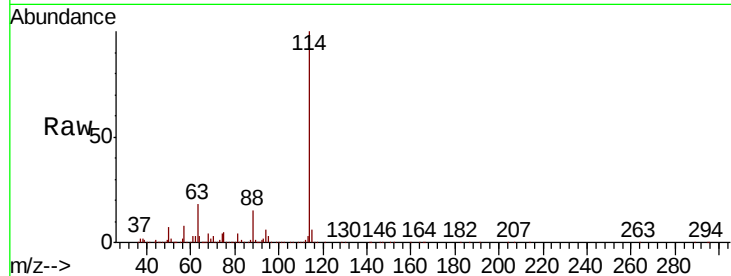
Tgt Ion:114 Resp: 930595

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

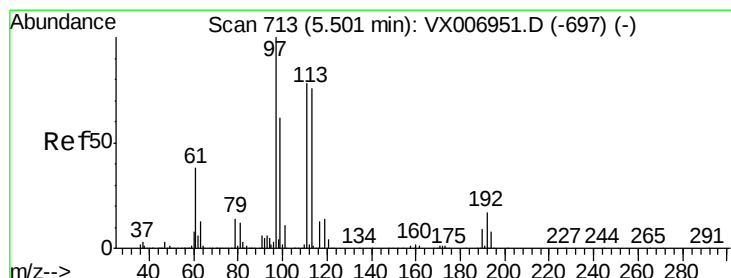
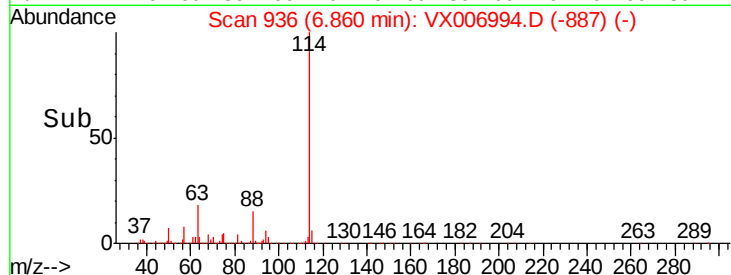
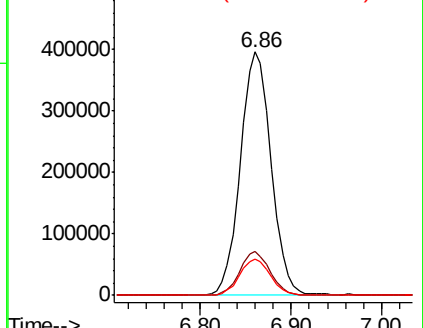
88 14.8 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

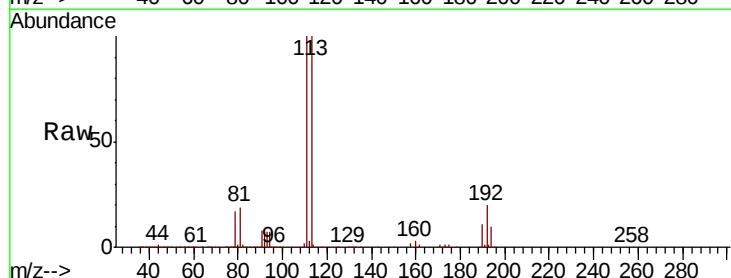
Tgt Ion:113 Resp: 282823

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

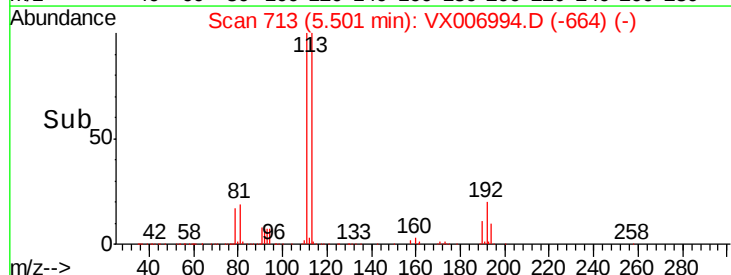
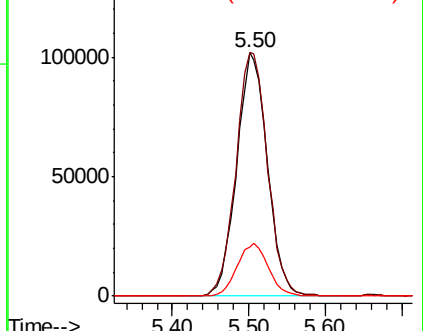
192 22.1 16.7 25.1

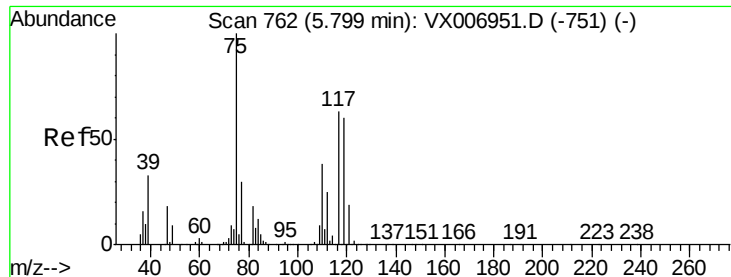


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

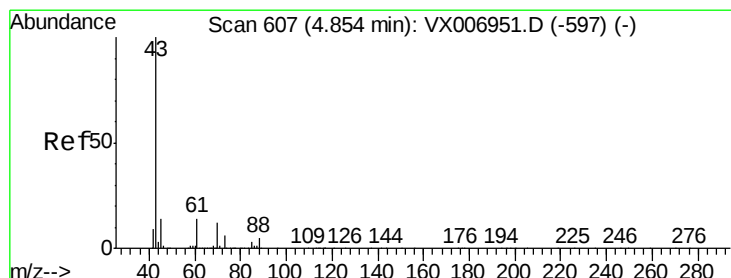
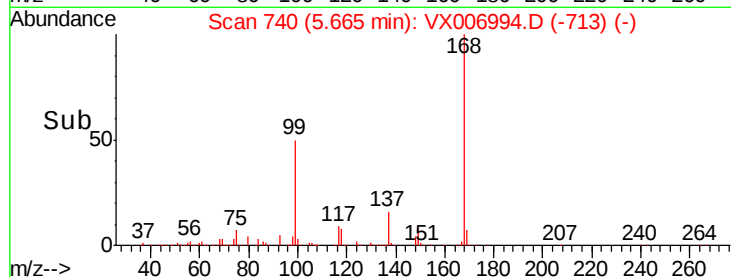
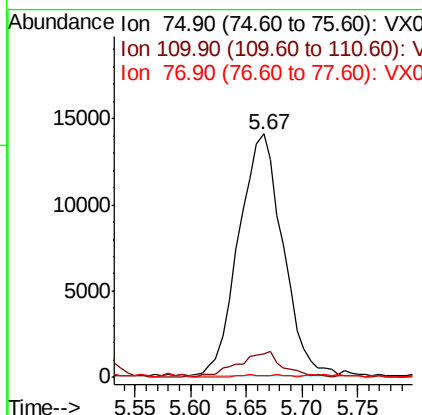
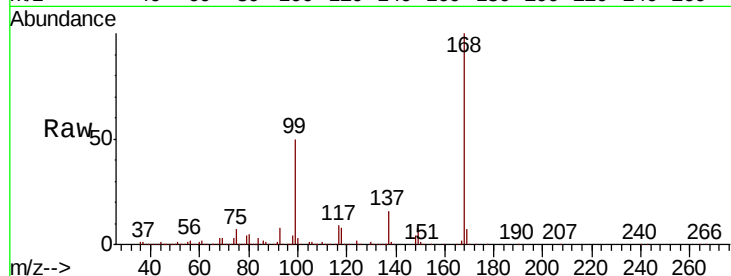




#36
 1,1-Dichloropropene
 Concen: 4.732 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

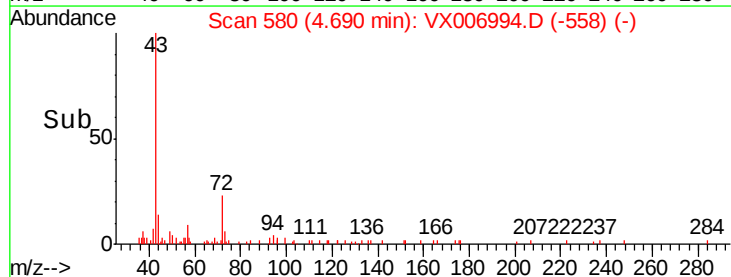
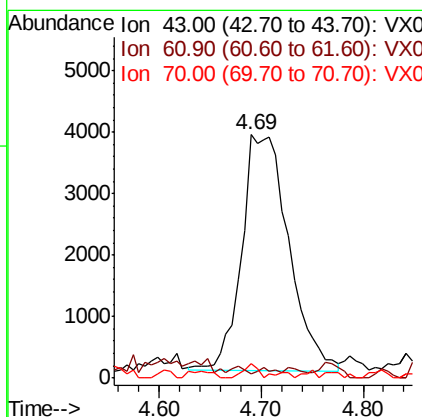
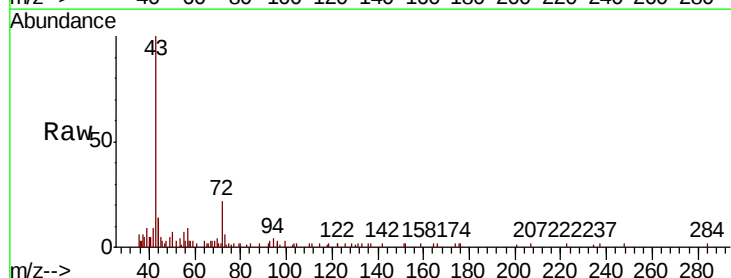
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-17-14

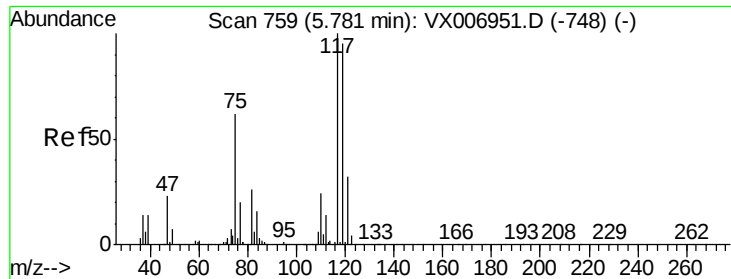
Tgt Ion: 75 Resp: 38286
 Ion Ratio Lower Upper
 75 100
 110 10.9 20.2 60.5#
 77 0.4 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 1.417 ug/l
 RT: 4.69 min Scan# 580
 Delta R.T. -0.16 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

Tgt Ion: 43 Resp: 12288
 Ion Ratio Lower Upper
 43 100
 61 0.8 11.9 17.9#
 70 1.7 9.7 14.5#





#38

Carbon Tetrachloride

Concen: 6.783 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampled :

TP-17-14

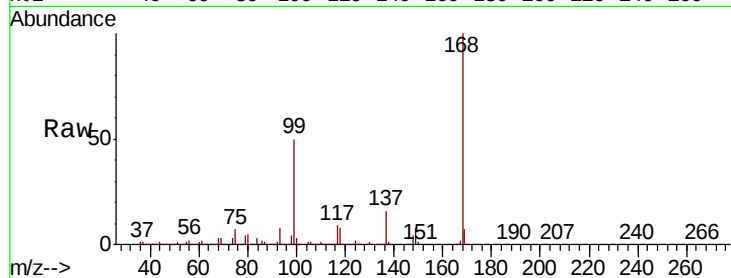
Tgt Ion:117 Resp: 55219

Ion Ratio Lower Upper

117 100

119 4.2 79.4 119.2#

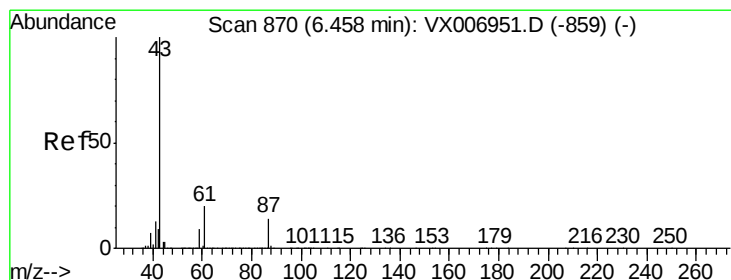
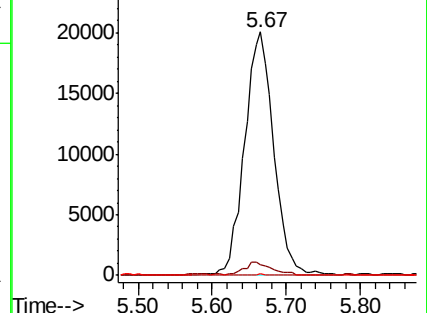
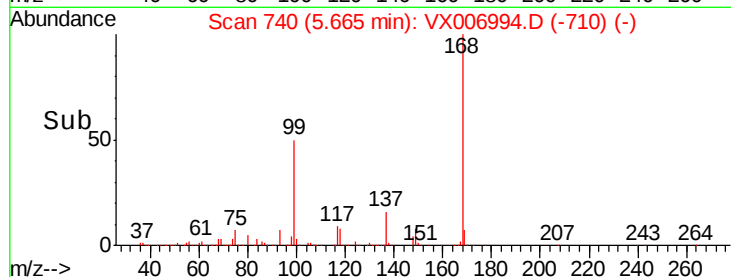
121 0.5 24.0 36.0#



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



#43

Isopropyl Acetate

Concen: 2.687 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

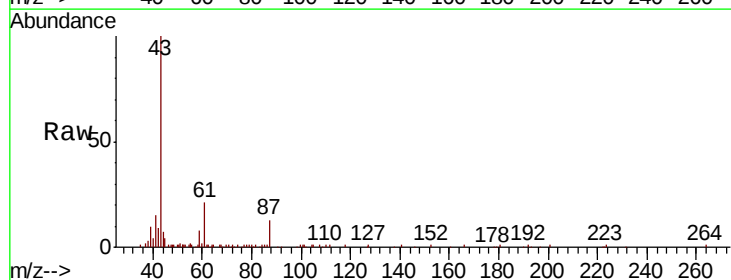
Tgt Ion: 43 Resp: 36768

Ion Ratio Lower Upper

43 100

61 21.7 16.8 25.2

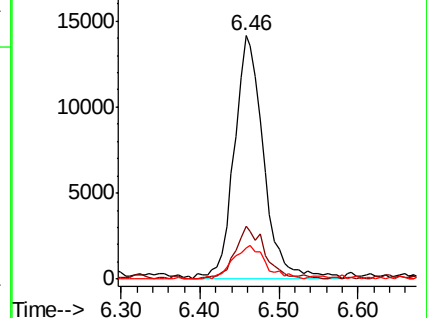
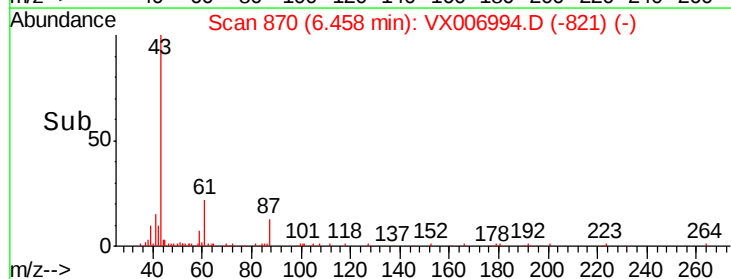
87 15.3 12.4 18.6

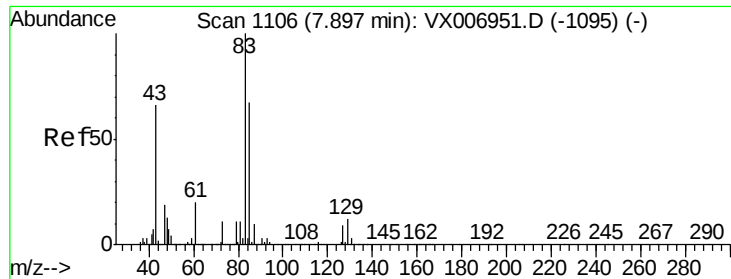


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.260 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

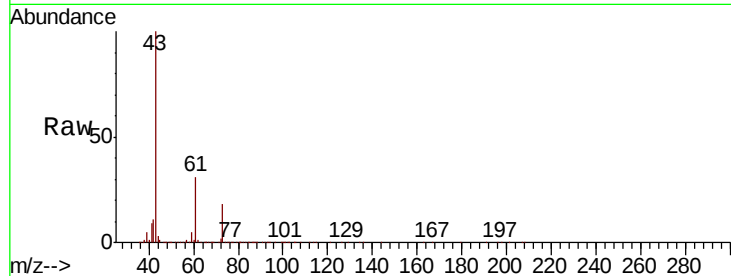
Tgt Ion: 83 Resp: 1927

Ion Ratio Lower Upper

83 100

85 57.6 53.2 79.8

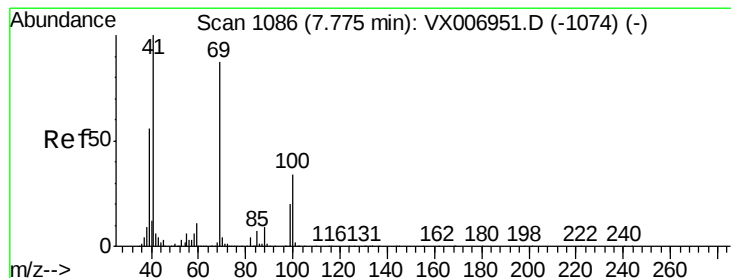
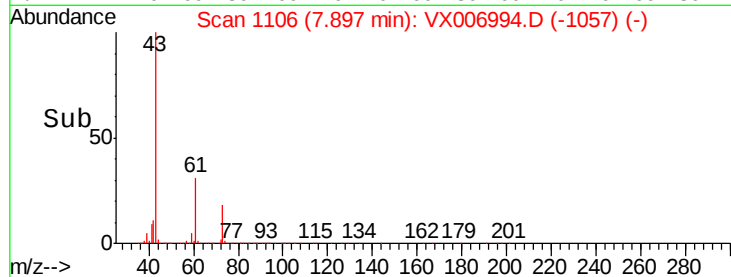
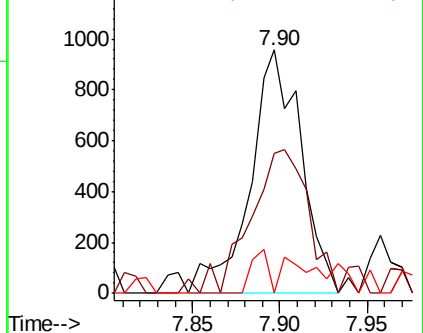
127 0.0 7.8 11.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.700 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

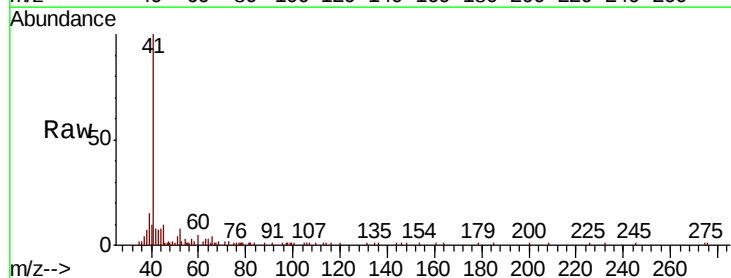
Tgt Ion: 41 Resp: 18971

Ion Ratio Lower Upper

41 100

69 0.4 72.4 108.6#

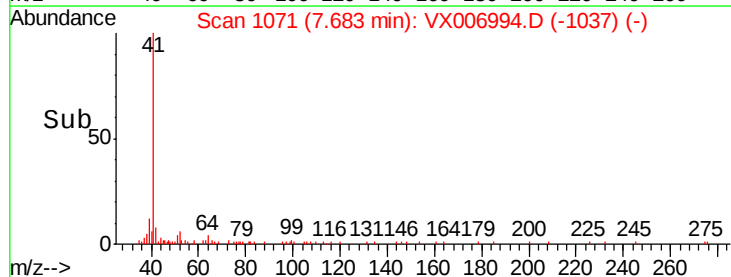
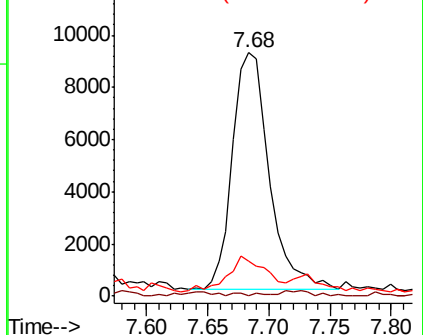
39 0.0 45.8 68.8#

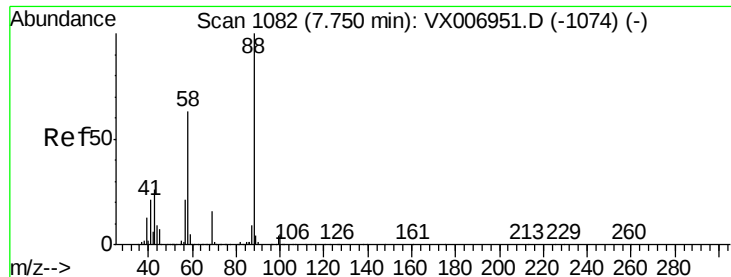


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

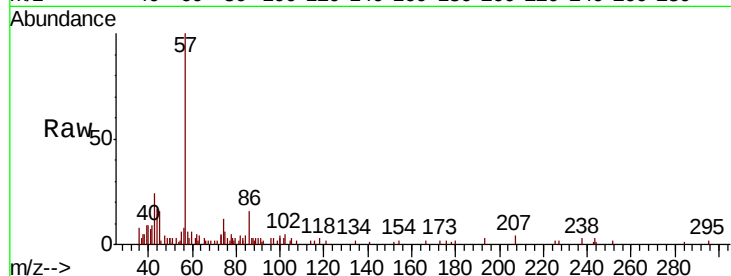
Tgt Ion: 88 Resp: 232

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

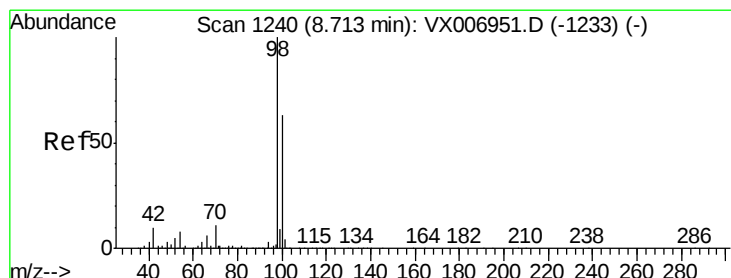
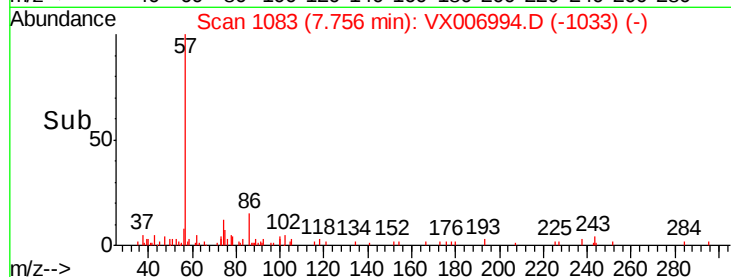
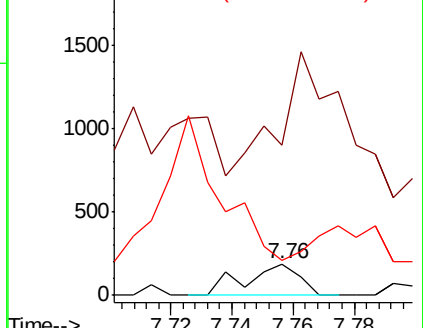
58 0.0 51.0 76.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.108 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006994.D

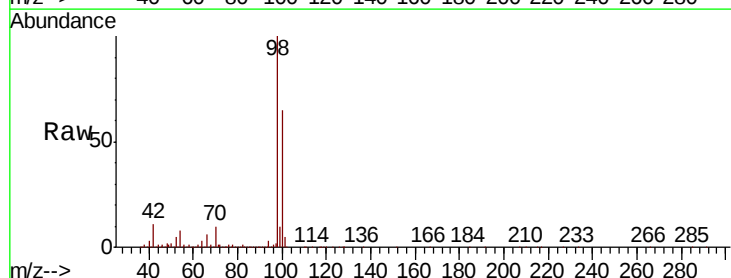
Acq: 10 Jan 2019 17:07

Tgt Ion: 98 Resp: 1136655

Ion Ratio Lower Upper

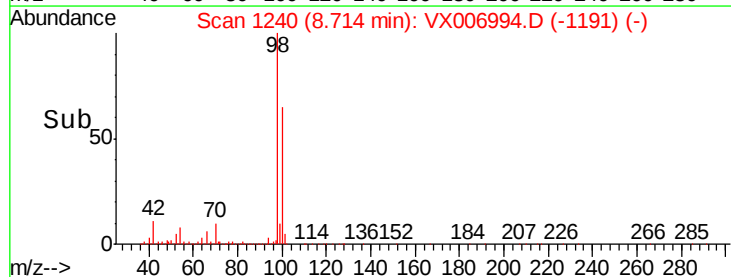
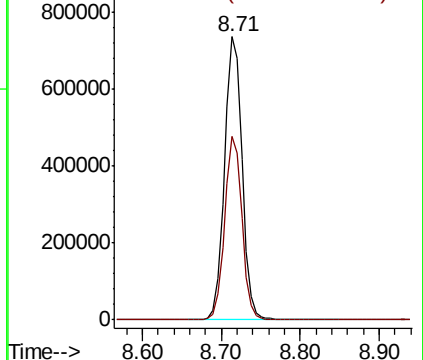
98 100

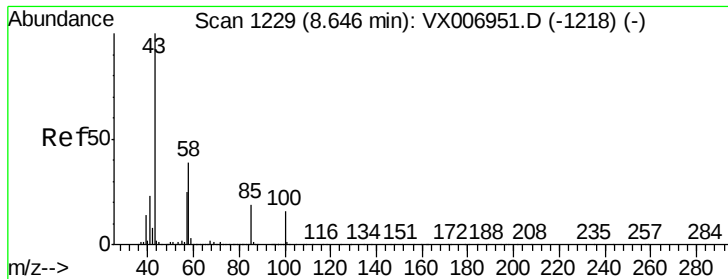
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

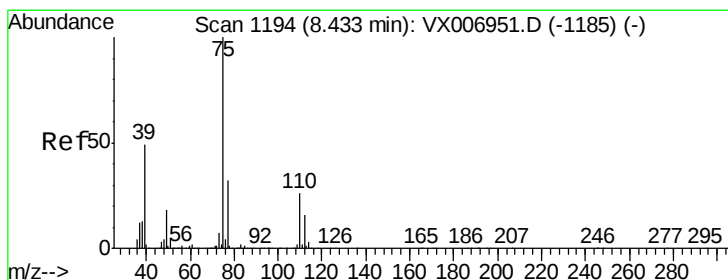
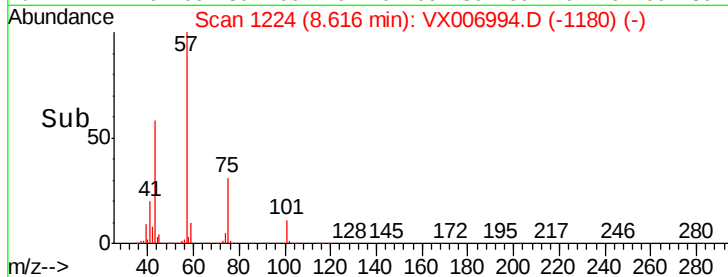
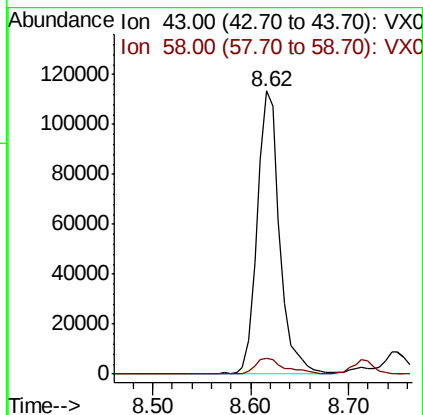
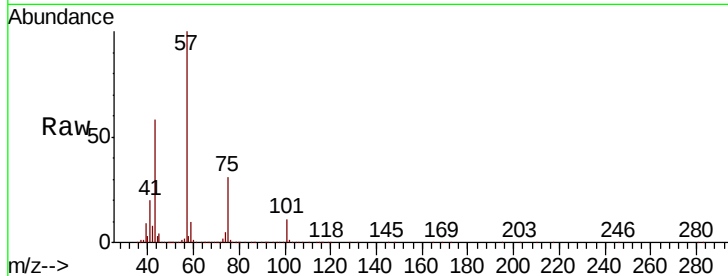




#51
 4-Methyl-2-Pentanone
 Concen: 20.442 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. -0.03 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

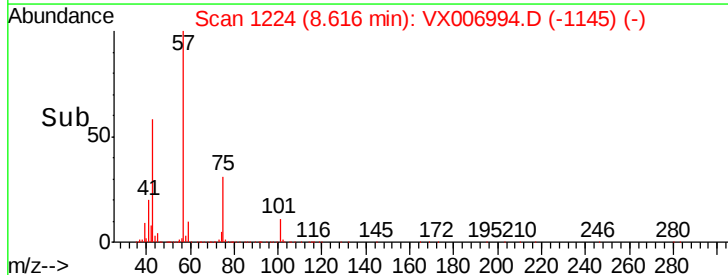
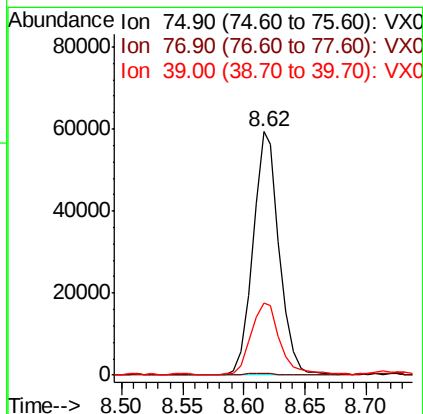
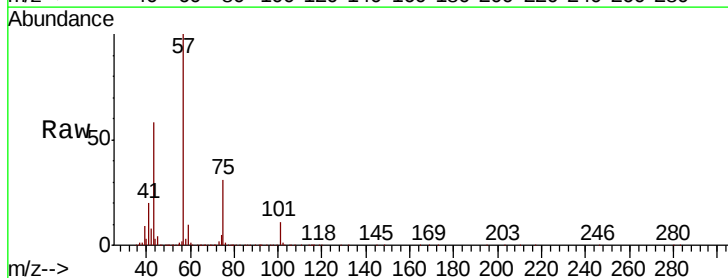
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-17-14

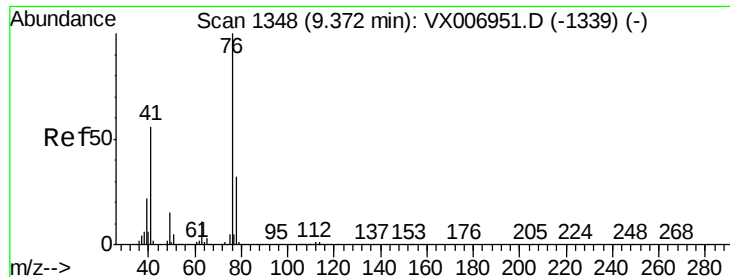
Tgt Ion: 43 Resp: 179749
 Ion Ratio Lower Upper
 43 100
 58 7.5 31.8 47.6#



#54
 cis-1,3-Dichloropropene
 Concen: 9.700 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

Tgt Ion: 75 Resp: 88196
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.2 39.2#
 39 29.0 36.7 55.1#





#57

1,3-Dichloropropane

Concen: 1.745 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

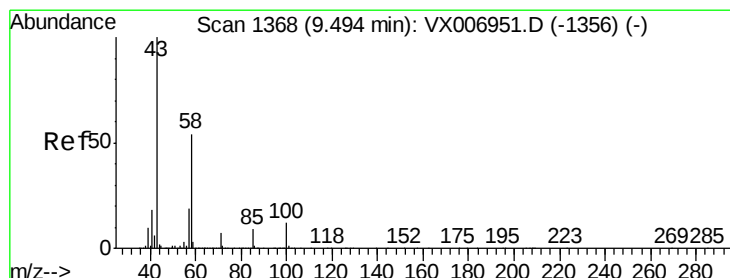
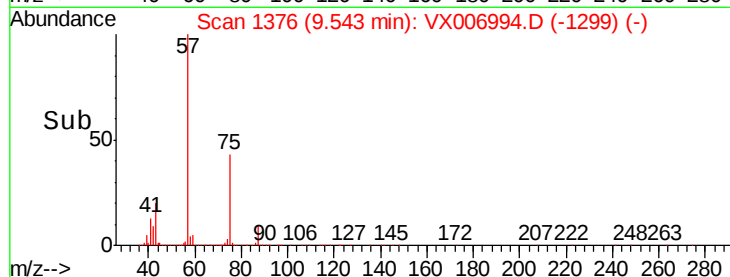
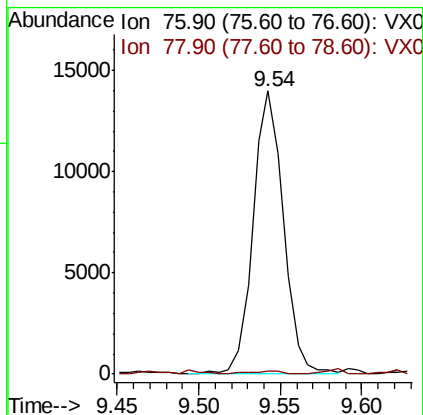
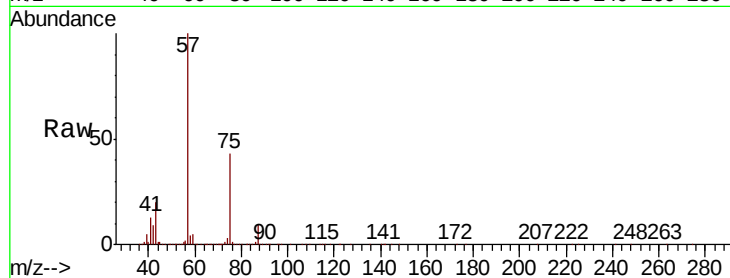
TP-17-14

Tgt Ion: 76 Resp: 18159

Ion Ratio Lower Upper

76 100

78 1.3 26.0 39.0#



#59

2-Hexanone

Concen: 34.664 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006994.D

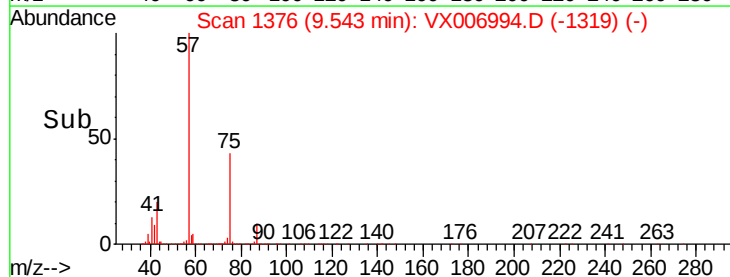
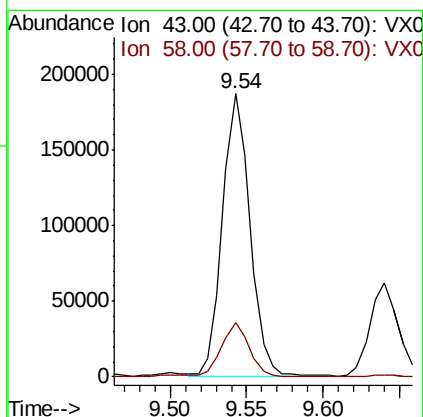
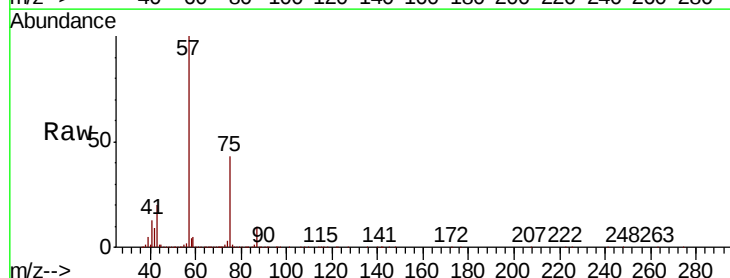
Acq: 10 Jan 2019 17:07

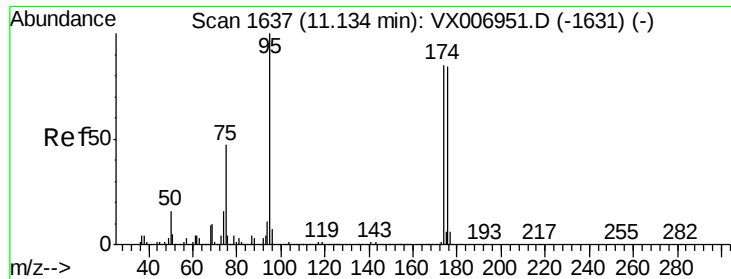
Tgt Ion: 43 Resp: 232277

Ion Ratio Lower Upper

43 100

58 19.4 27.7 83.1#





#62

4-Bromofluorobenzene

Concen: 52.704 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

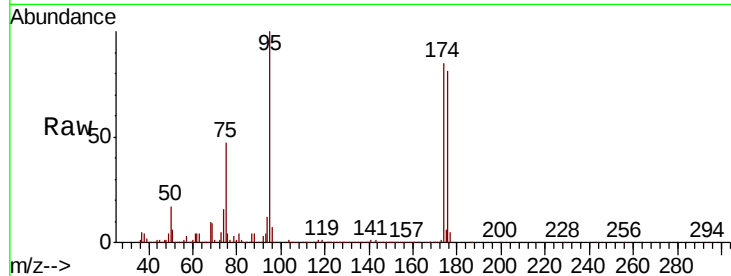
Tgt Ion: 95 Resp: 400803

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

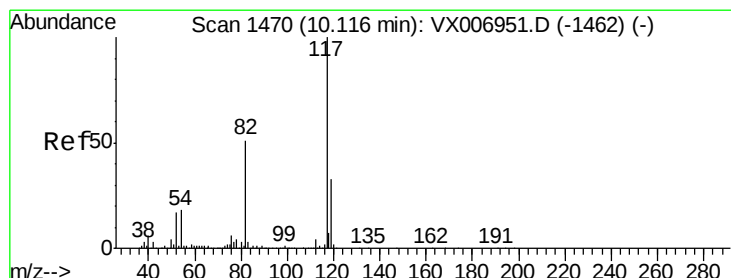
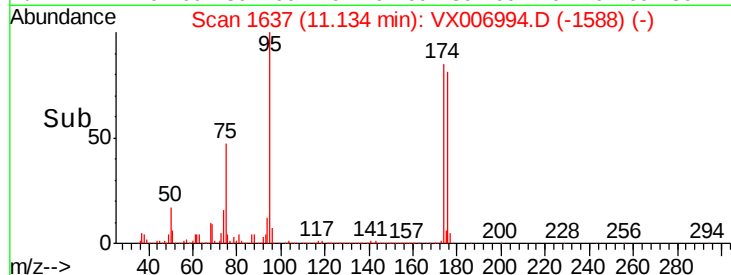
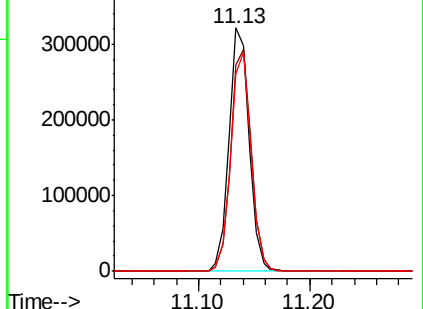
176 90.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006994.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006994.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006994.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

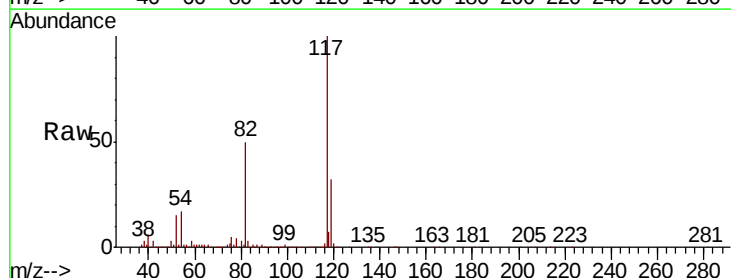
Tgt Ion: 117 Resp: 884106

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

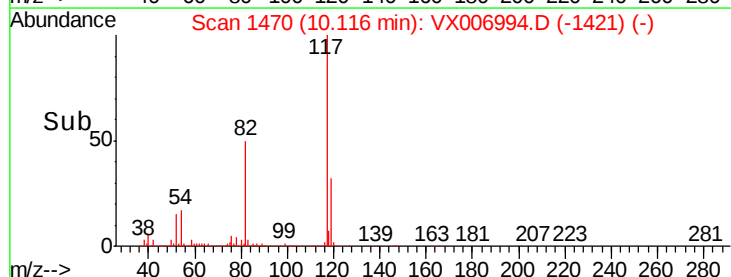
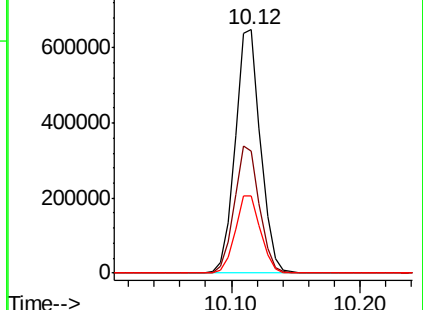
119 31.8 25.4 38.0

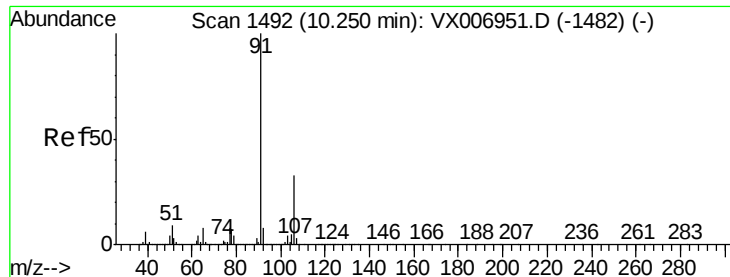


Abundance Ion 116.90 (116.60 to 117.60): VX006994.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006994.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006994.D (-1421) (-)





#67

Ethyl Benzene

Concen: 3.037 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

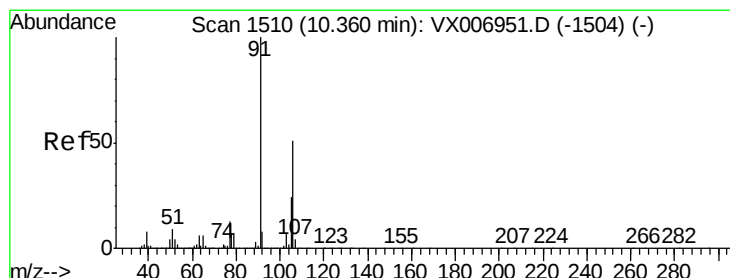
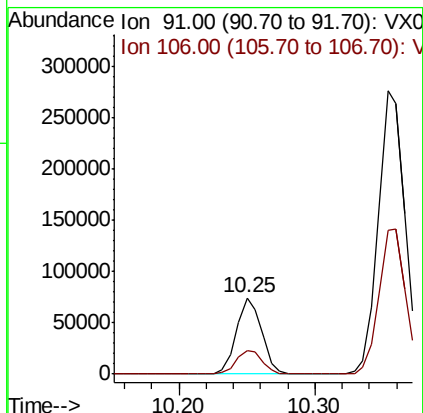
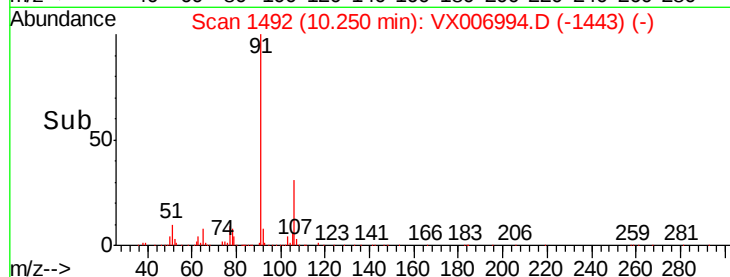
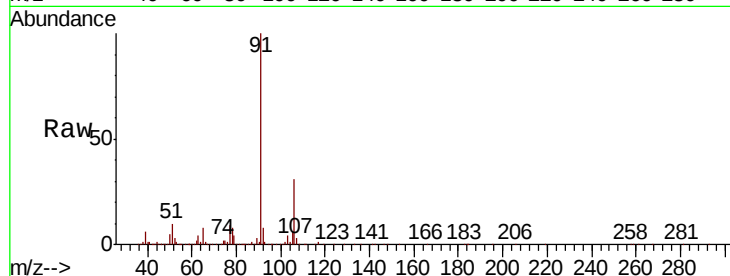
TP-17-14

Tgt Ion: 91 Resp: 96677

Ion Ratio Lower Upper

91 100

106 31.2 26.4 39.6



#68

m/p-Xylenes

Concen: 15.410 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006994.D

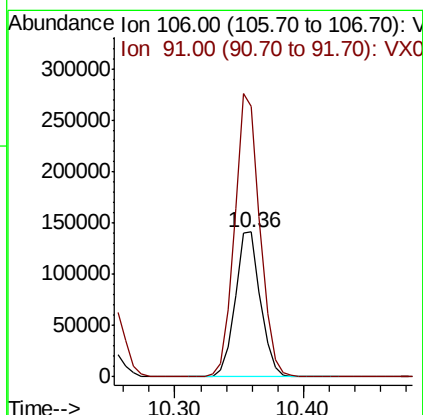
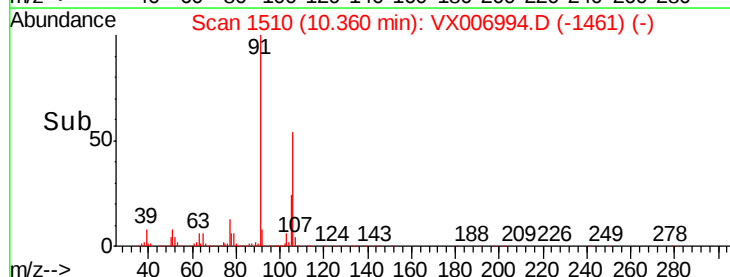
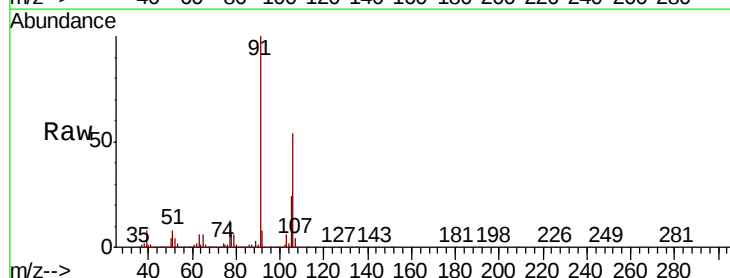
Acq: 10 Jan 2019 17:07

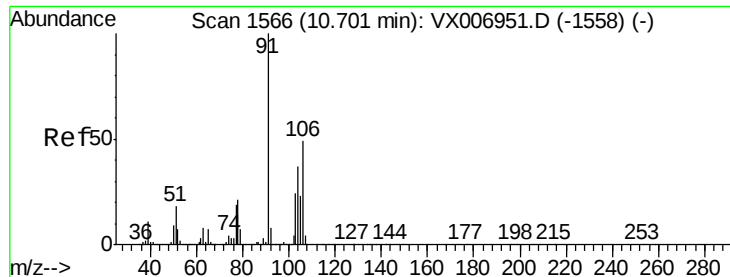
Tgt Ion: 106 Resp: 193265

Ion Ratio Lower Upper

106 100

91 194.3 155.8 233.6

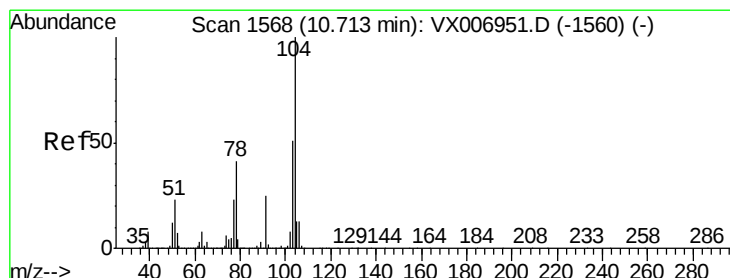
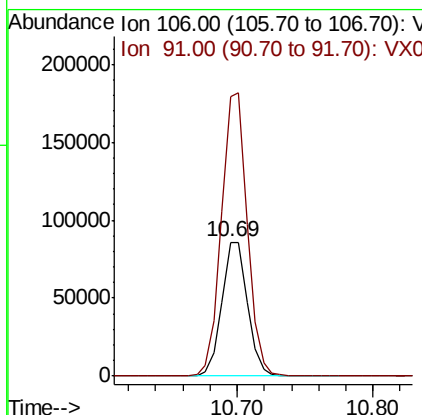
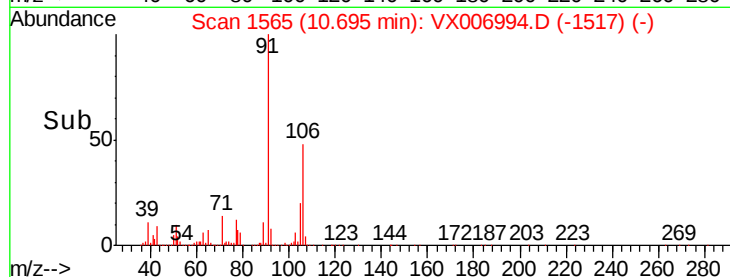
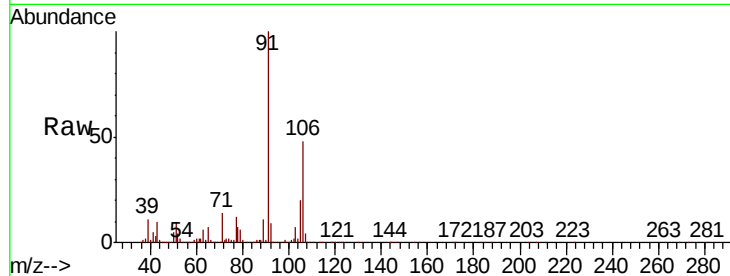




#69
o-Xylene
Concen: 9.265 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

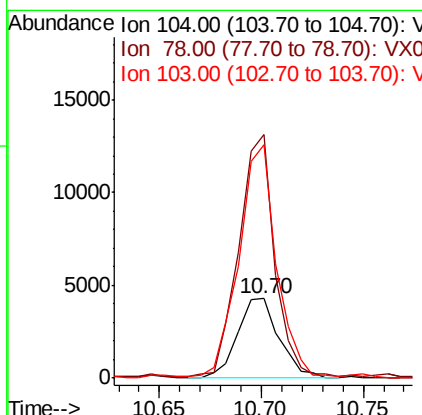
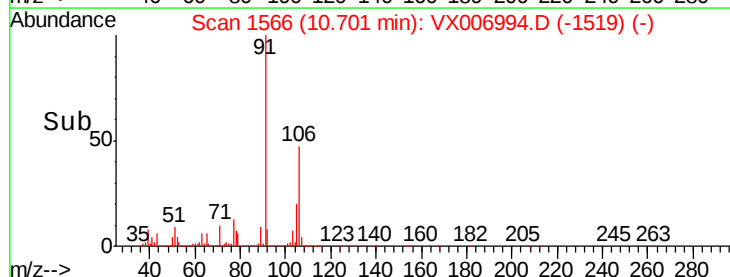
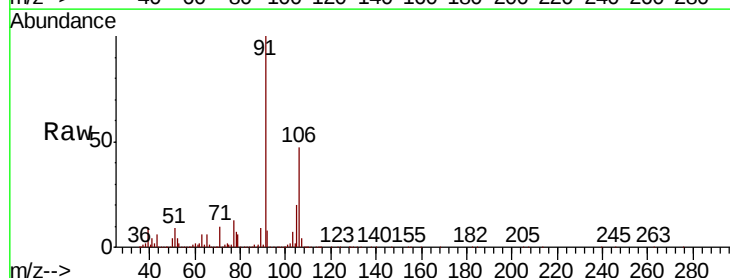
Instrument :
MSVOA_X
ClientSampled :
TP-17-14

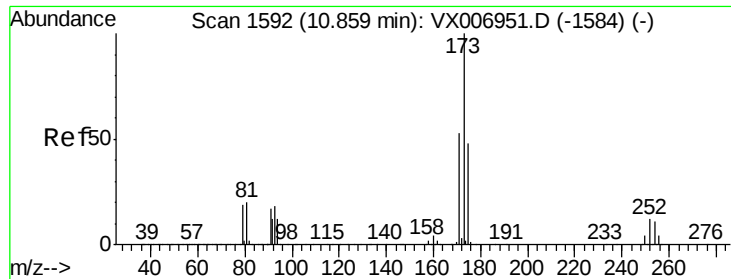
Tgt Ion:106 Resp: 113325
Ion Ratio Lower Upper
106 100
91 211.1 101.3 303.7



#70
Styrene
Concen: 0.315 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Tgt Ion:104 Resp: 6094
Ion Ratio Lower Upper
104 100
78 260.6 37.7 56.5#
103 262.1 43.8 65.8#





#71

Bromoform

Concen: 4.746 ug/l

RT: 10.87 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampled :

TP-17-14

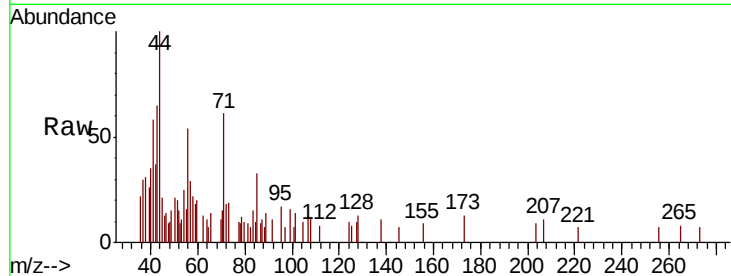
Tgt Ion:173 Resp: 116

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

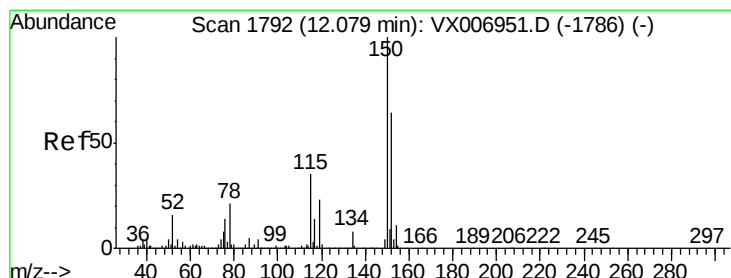
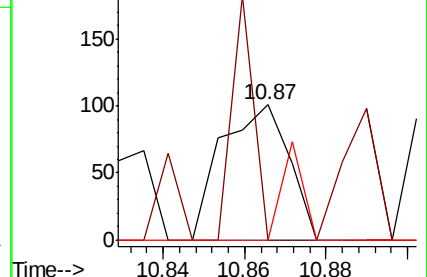
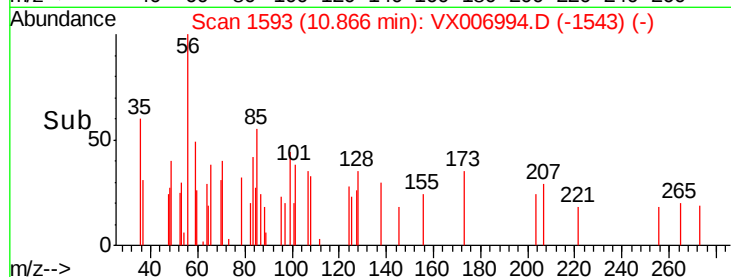
254 23.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

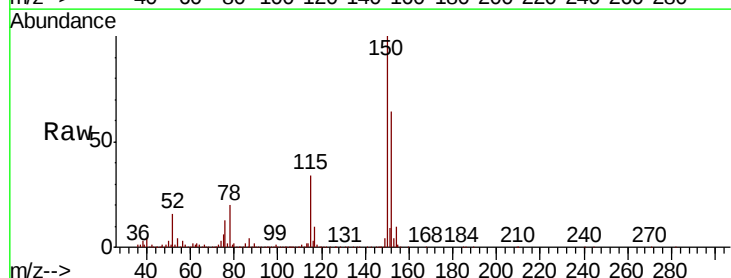
Tgt Ion:152 Resp: 436347

Ion Ratio Lower Upper

152 100

115 54.0 39.1 117.2

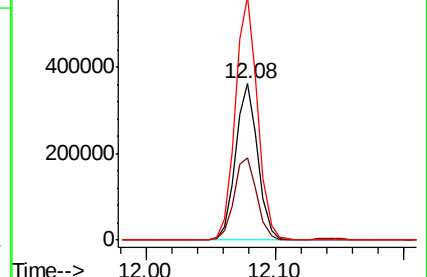
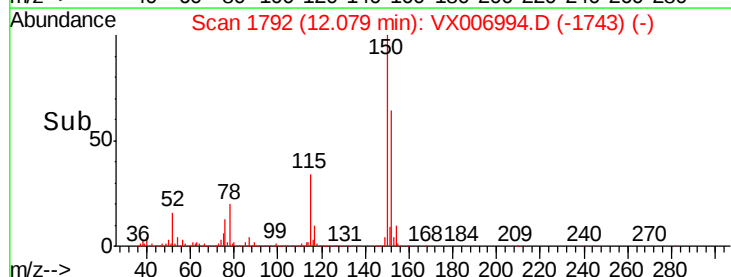
150 156.0 0.0 344.8

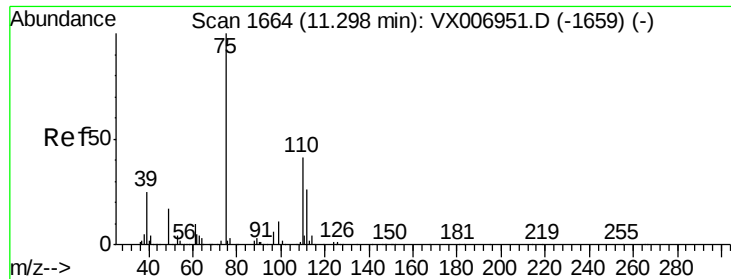


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

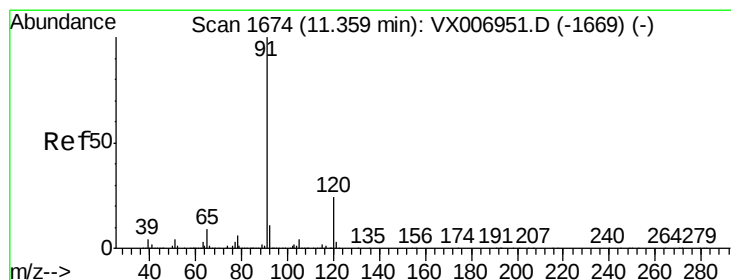
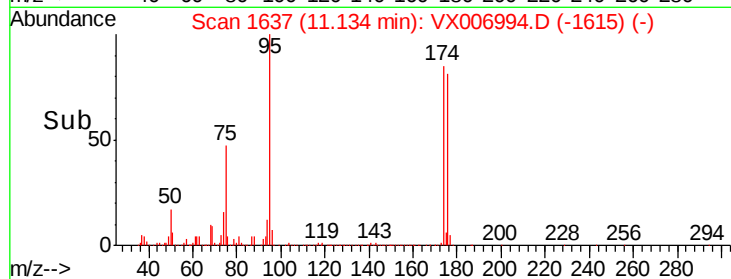
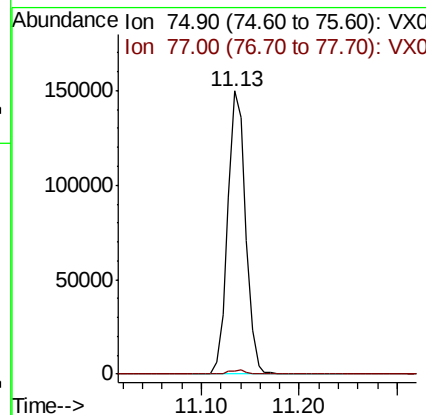
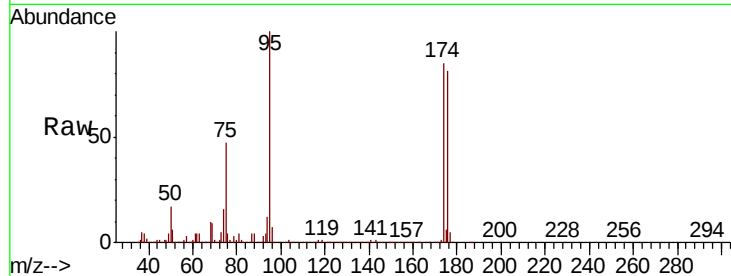




#76
 1,2,3-Trichloropropane
 Concen: 21.427 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

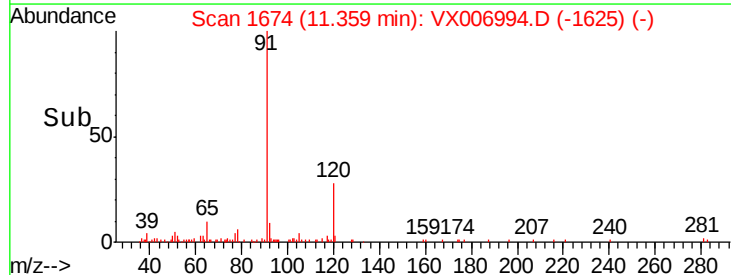
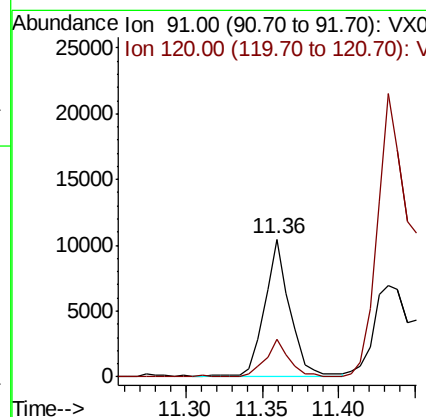
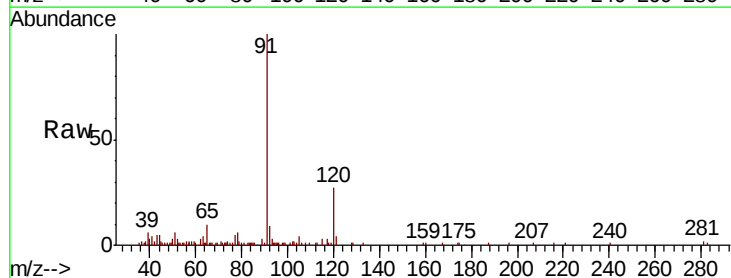
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-17-14

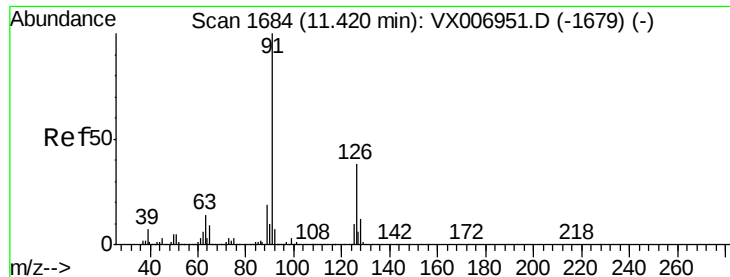
Tgt Ion: 75 Resp: 189470
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.5 55.5#



#78
 n-propylbenzene
 Concen: 0.361 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX006994.D
 Acq: 10 Jan 2019 17:07

Tgt Ion: 91 Resp: 12191
 Ion Ratio Lower Upper
 91 100
 120 25.8 12.7 38.0





#79

2-Chlorotoluene

Concen: 0.682 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

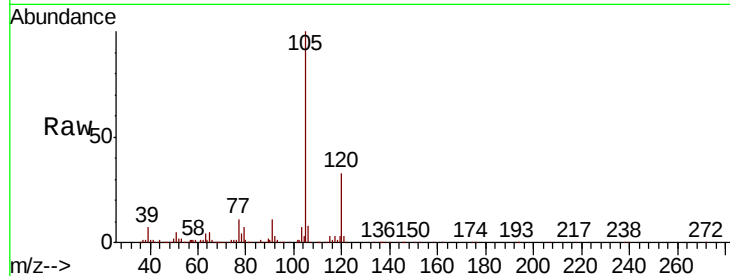
TP-17-14

Tgt Ion: 91 Resp: 13869

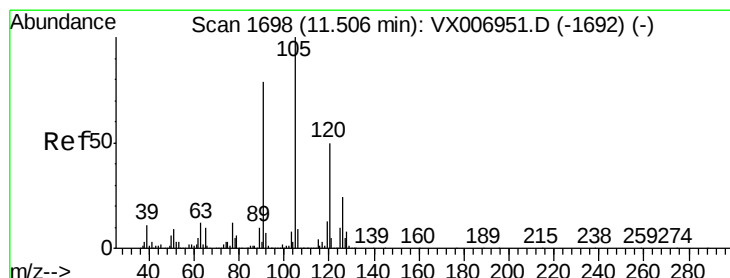
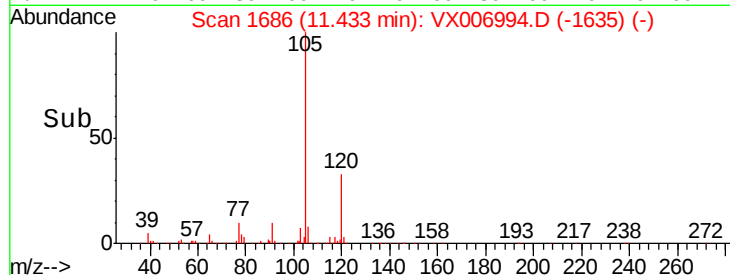
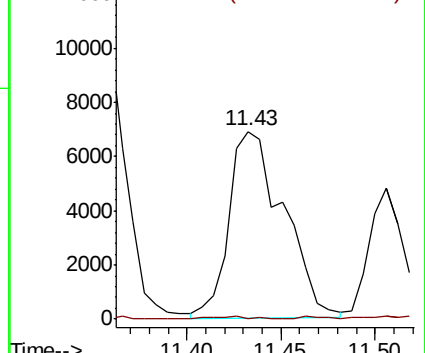
Ion Ratio Lower Upper

91 100

126 0.9 18.6 56.0#



Abundance Ion 91.00 (90.70 to 91.70): VX006994.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.155 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006994.D

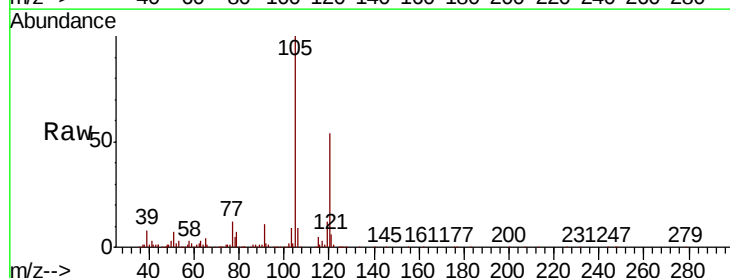
Acq: 10 Jan 2019 17:07

Tgt Ion: 105 Resp: 55406

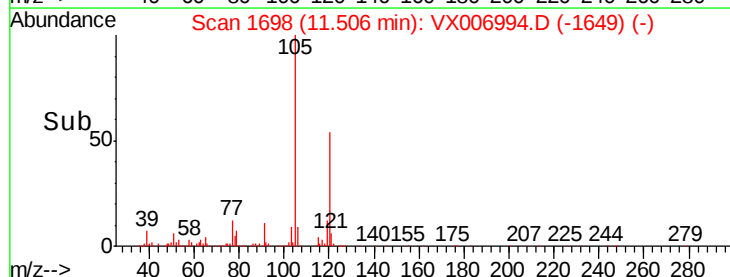
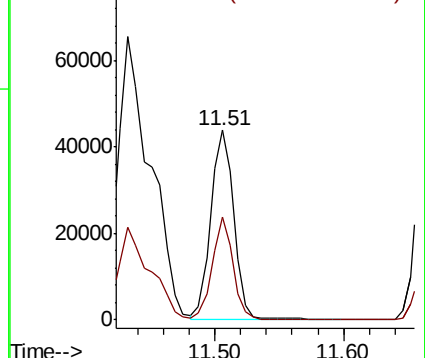
Ion Ratio Lower Upper

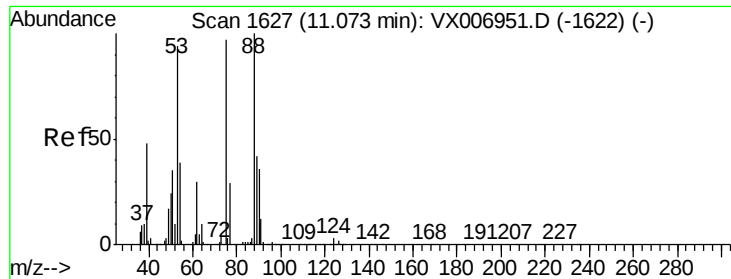
105 100

120 48.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006994.D (-1692) (-)

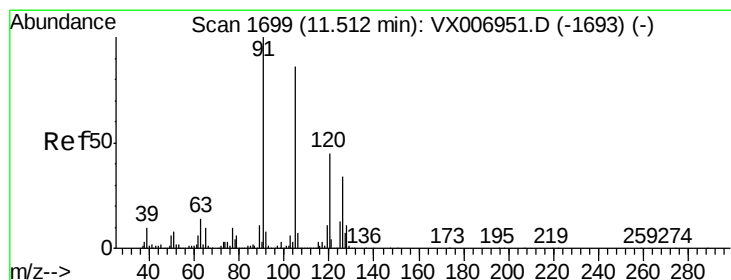
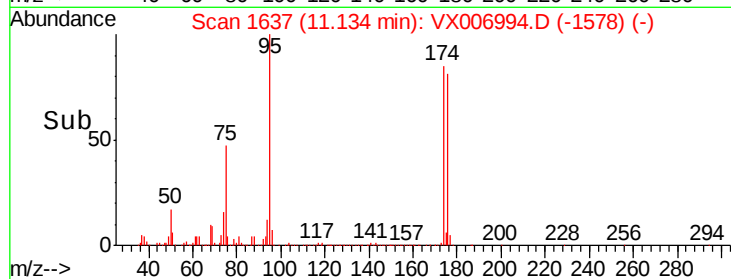
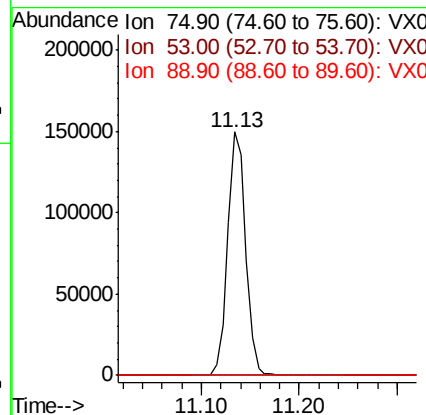
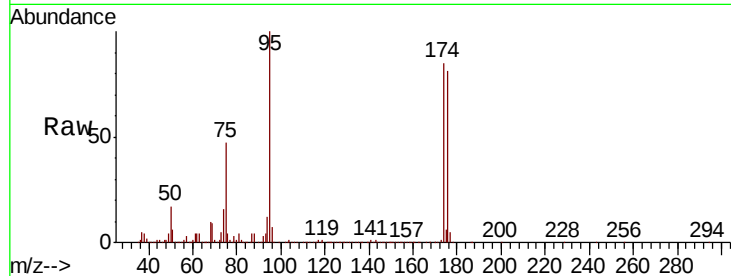




#81
trans-1,4-Dichloro-2-butene
Concen: 63.556 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

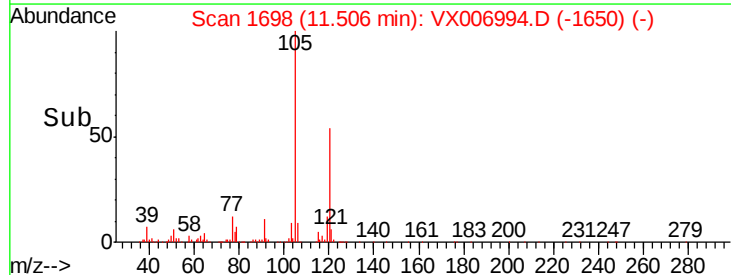
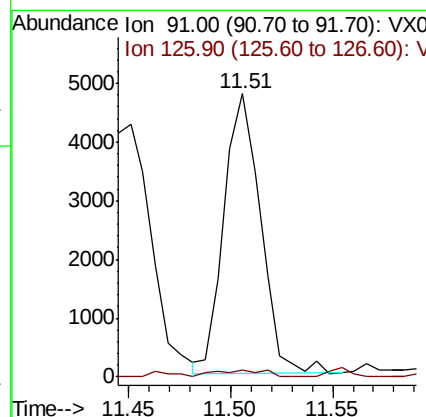
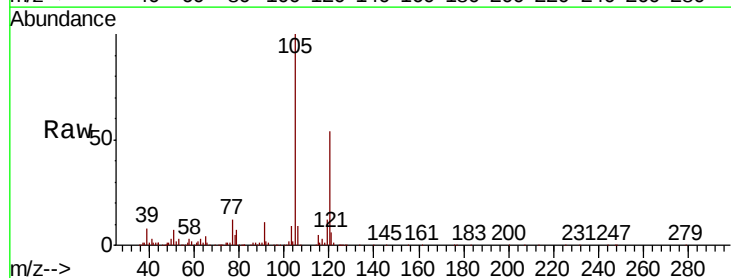
Instrument :
MSVOA_X
ClientSampleId :
TP-17-14

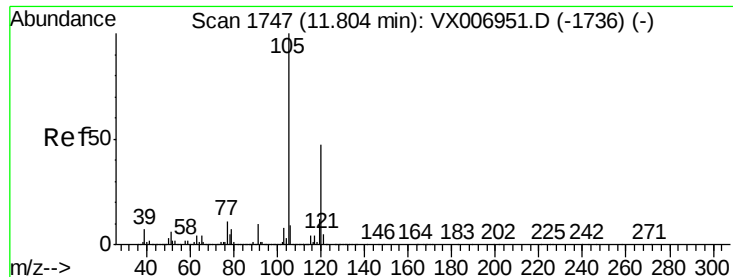
Tgt Ion: 75 Resp: 189470
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.2 38.0 57.0#



#82
4-Chlorotoluene
Concen: 0.251 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX006994.D
Acq: 10 Jan 2019 17:07

Tgt Ion: 91 Resp: 5900
Ion Ratio Lower Upper
91 100
126 3.3 16.3 48.9#





#84

1,2,4-Trimethylbenzene

Concen: 13.582 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

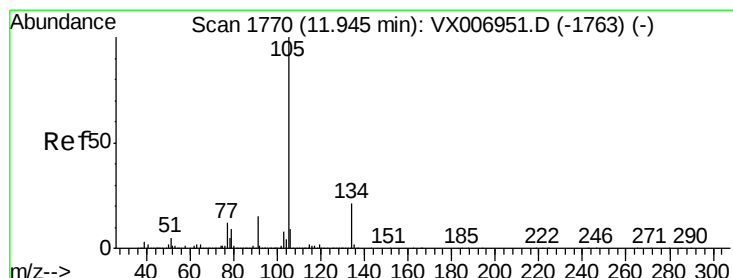
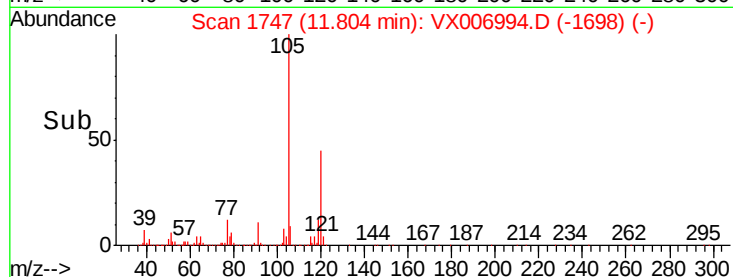
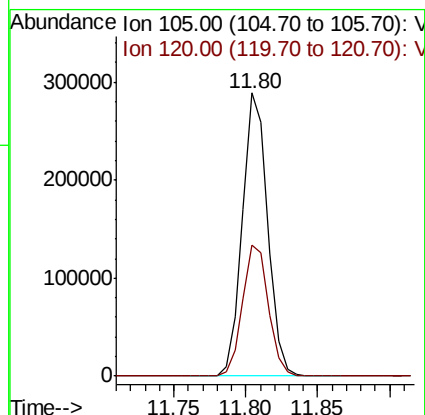
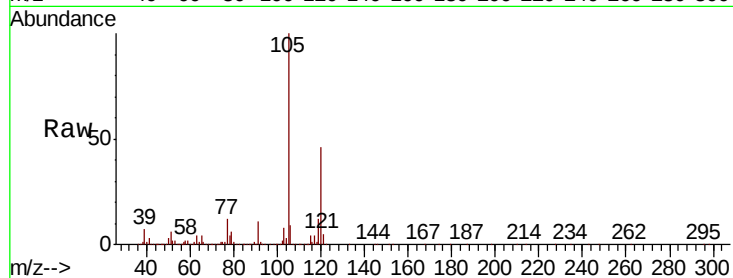
TP-17-14

Tgt Ion:105 Resp: 351141

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6



#85

sec-Butylbenzene

Concen: 11.458 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX006994.D

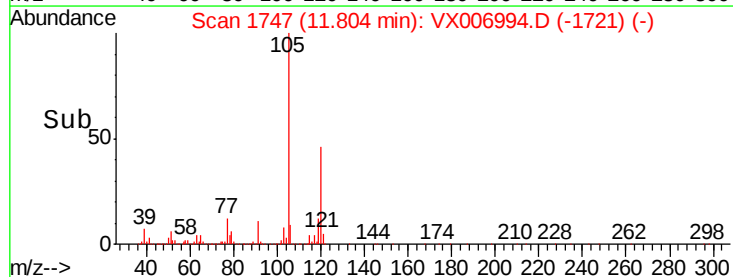
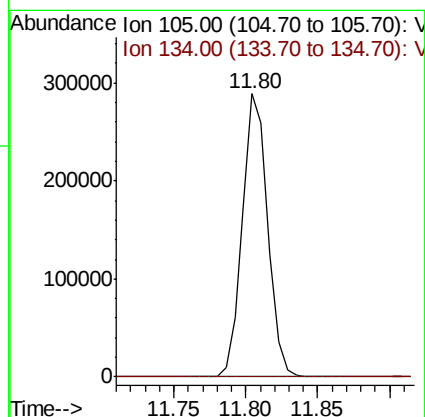
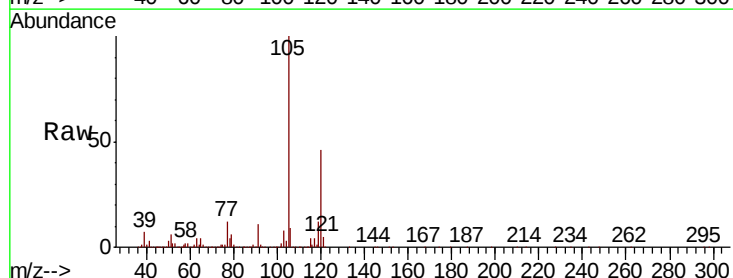
Acq: 10 Jan 2019 17:07

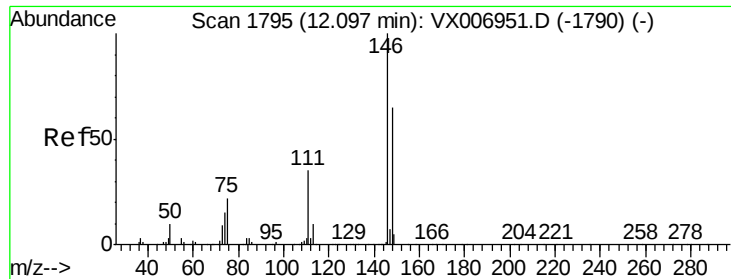
Tgt Ion:105 Resp: 351013

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#





#88

1,4-Dichlorobenzene

Concen: 0.203 ug/l

RT: 12.08 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampled :

TP-17-14

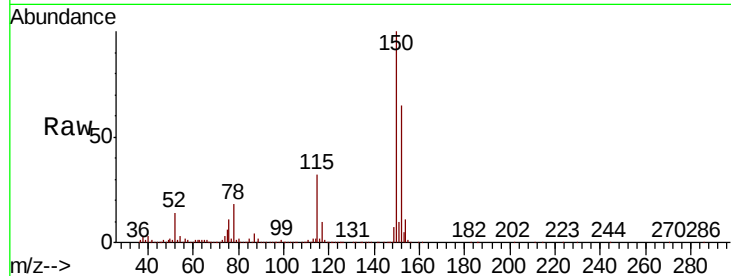
Tgt Ion:146 Resp: 847

Ion Ratio Lower Upper

146 100

111 647.3 18.1 54.1#

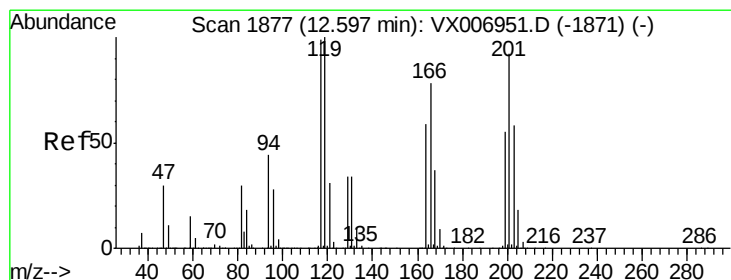
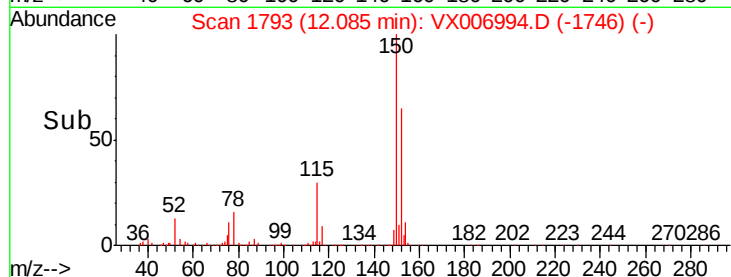
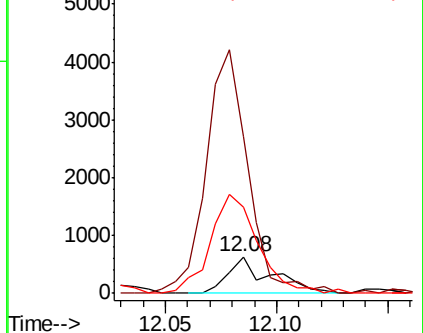
148 300.8 31.9 95.9#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: 3.316 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006994.D

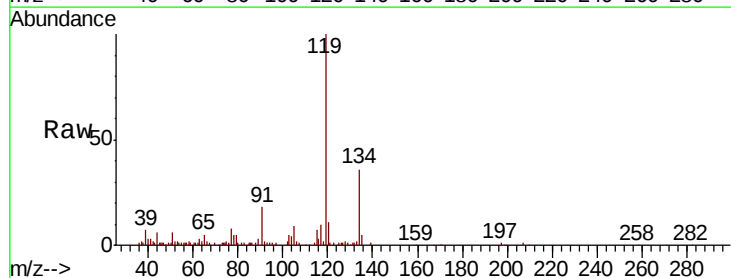
Acq: 10 Jan 2019 17:07

Tgt Ion:117 Resp: 1892

Ion Ratio Lower Upper

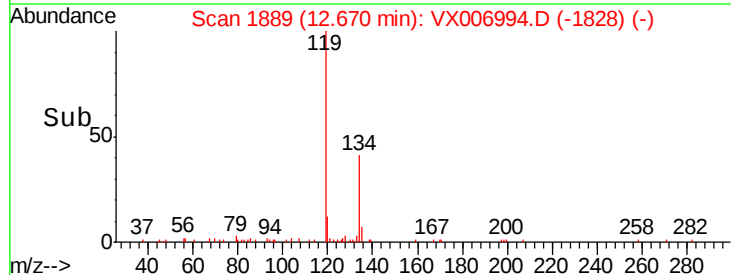
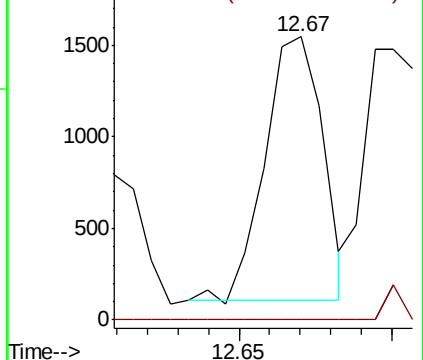
117 100

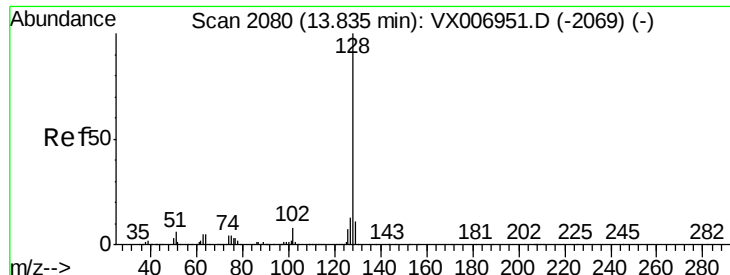
201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 11.896 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006994.D

Acq: 10 Jan 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

TP-17-14

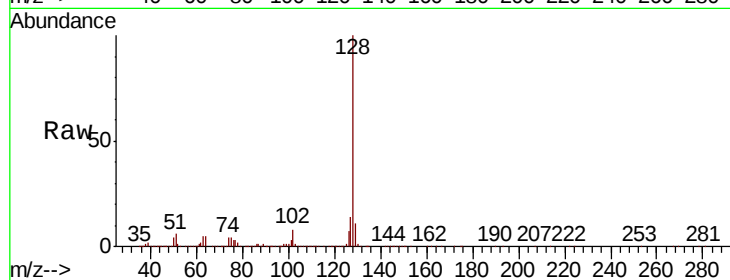
Tgt Ion:128 Resp: 373974

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

