

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010564.D
 Acq On : 29 Jun 2019 03:28
 Operator : JC/SP
 Sample : K3555-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SAMPLE-17

Quant Time: Jun 29 04:46:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123781	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	5.50	113	121488	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	482306	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.13	95	162611	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	354	0.317	ug/l #	38
11) Tert butyl alcohol	3.04	59	695	1.096	ug/l #	81
13) Acrolein	2.29	56	435	1.034	ug/l #	59
16) Acetone	2.44	43	11933	9.827	ug/l	100
18) Methyl Acetate	2.78	43	2865	1.184	ug/l	98
20) Methylene Chloride	2.86	84	30385	12.159	ug/l	92
25) 2-Butanone	4.70	43	2390	1.342	ug/l	91
29) Tetrahydrofuran	5.13	42	1104	1.001	ug/l #	45
30) Chloroform	5.23	83	3026	0.732	ug/l	94
36) 1,1-Dichloropropene	5.67	75	16104	5.043	ug/l #	48
38) Carbon Tetrachloride	5.66	117	22607	6.538	ug/l #	14
43) Isopropyl Acetate	6.45	43	10832	1.993	ug/l	99
44) Trichloroethene	7.21	130	878	0.295	ug/l	100
47) Bromodichloromethane	7.90	83	837	0.253	ug/l #	91
48) Methyl methacrylate	7.68	41	5400	2.138	ug/l #	10
49) 1,4-Dioxane	7.81	88	40	0.550	ug/l #	28
51) 4-Methyl-2-Pentanone	8.61	43	77799	22.381	ug/l #	47
52) Toluene	8.79	92	1355	0.207	ug/l	92
54) cis-1,3-Dichloropropene	8.61	75	42861	10.650	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	9763	2.328	ug/l #	42
59) 2-Hexanone	9.44	43	10036	3.668	ug/l #	22
67) Ethyl Benzene	10.25	91	13137	1.035	ug/l	100
68) m/p-Xylenes	10.36	106	22492	4.573	ug/l	99
69) o-Xylene	10.70	106	9403	1.944	ug/l	100
74) N-amyl acetate	10.69	43	12832	2.907	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	77956	24.829	ug/l #	33
78) n-propylbenzene	11.36	91	4898	0.382	ug/l	99
79) 2-Chlorotoluene	11.43	91	4517	0.591	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	19550	2.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	77956	57.922	ug/l #	16
82) 4-Chlorotoluene	11.51	91	2412	0.277	ug/l #	42
83) tert-Butylbenzene	11.80	119	10184	1.054	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	79578	8.226	ug/l	98
85) sec-Butylbenzene	11.80	105	79578	7.013	ug/l #	55

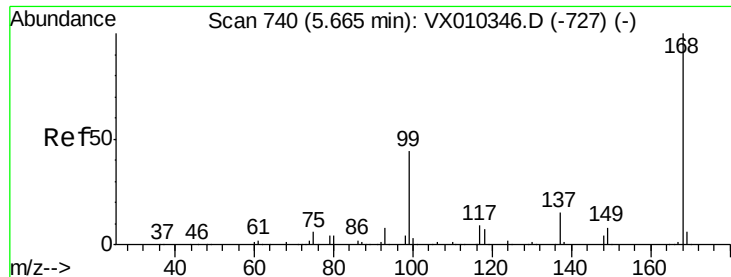
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
Data File : VX010564.D
Acq On : 29 Jun 2019 03:28
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	2826	0.317	ug/l #	8
90) Hexachloroethane	12.58	117	1108	0.611	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	194	0.233	ug/l #	1
95) Naphthalene	13.83	128	26069	2.162	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

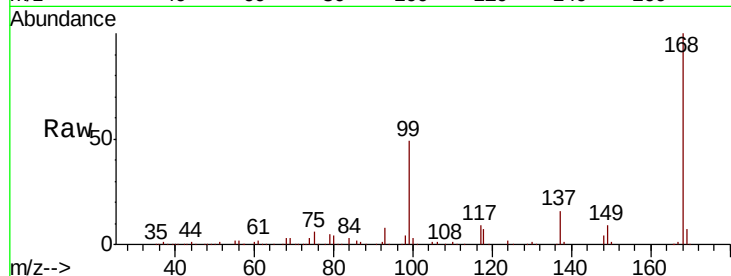
SAMPLE-17

Tot Ion:168 Resp: 258428

Ion Ratio Lower Upper

168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

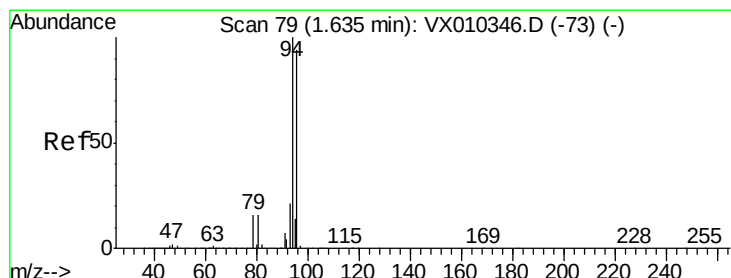
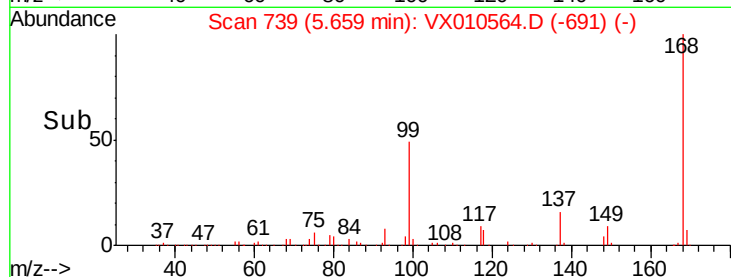
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.317 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010564.D

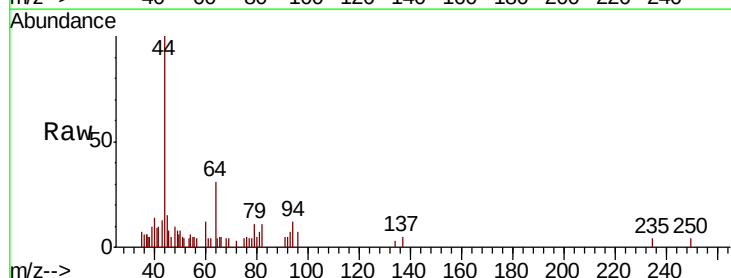
Acq: 29 Jun 2019 03:28

Tgt Ion: 94 Resp: 354

Ion Ratio Lower Upper

94 100

96 34.3 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

150

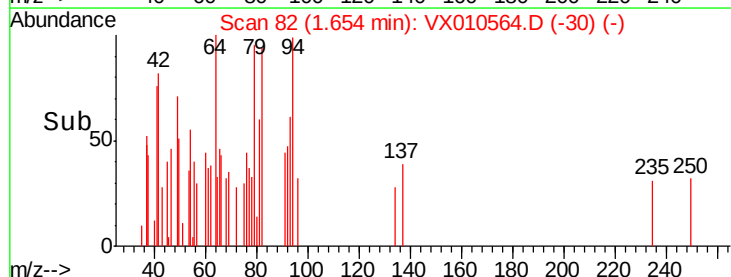
100

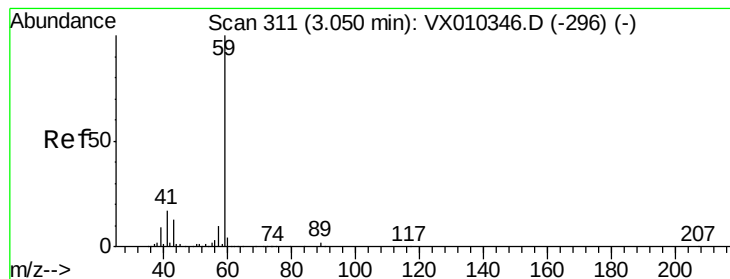
50

0

Time-->

1.65 1.70





#11

Tert butyl alcohol

Concen: 1.096 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

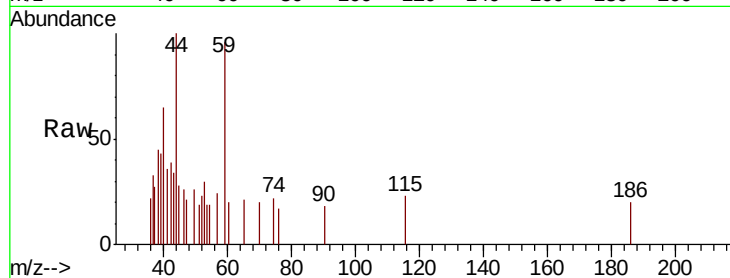
SAMPLE-17

Tot Ion: 59 Resp: 695

Ion Ratio Lower Upper

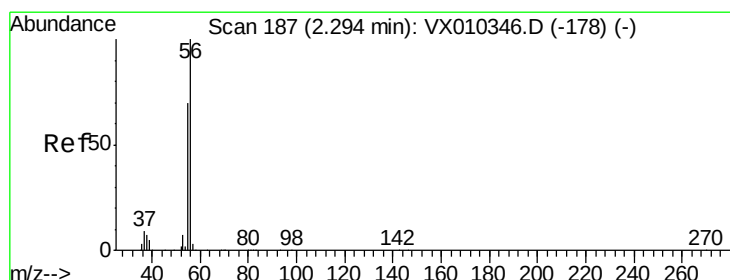
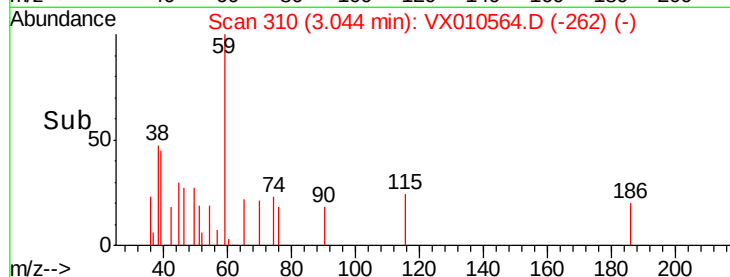
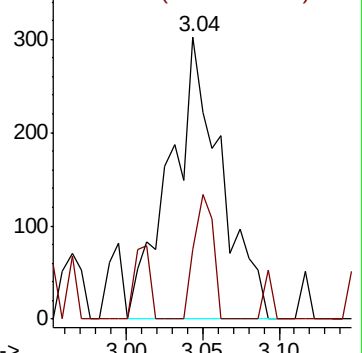
59 100

57 16.7 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 1.034 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010564.D

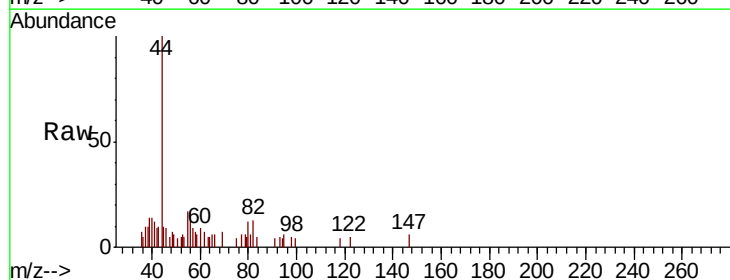
Acq: 29 Jun 2019 03:28

Tgt Ion: 56 Resp: 435

Ion Ratio Lower Upper

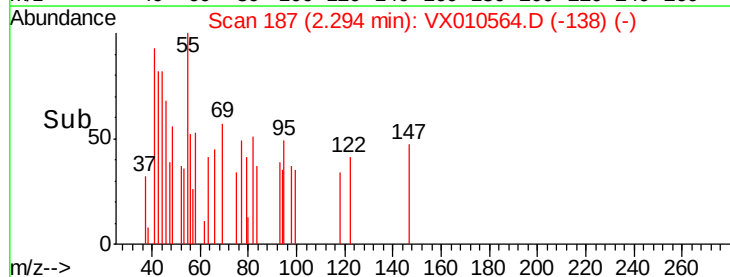
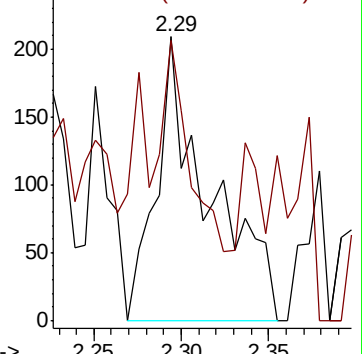
56 100

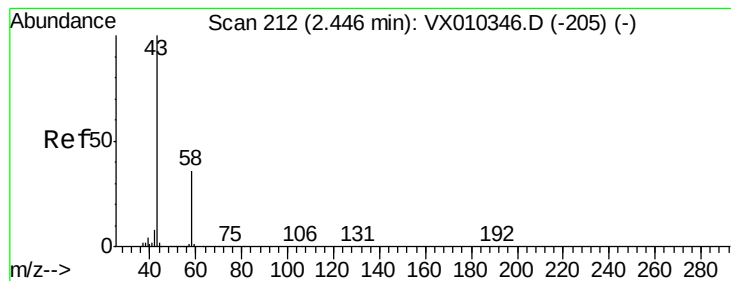
55 37.5 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 9.827 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

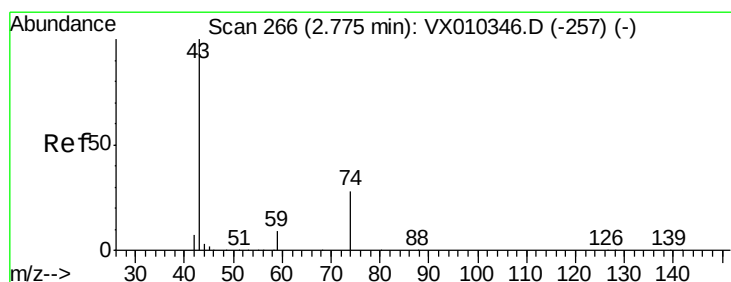
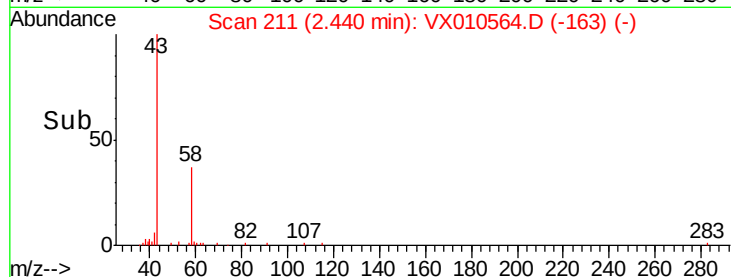
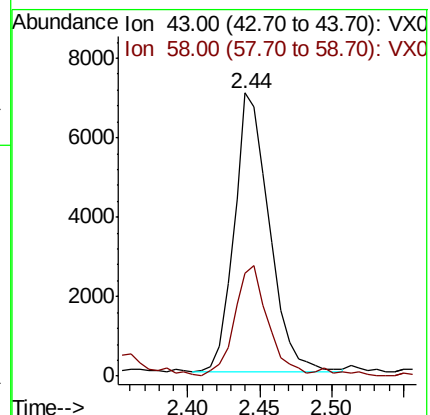
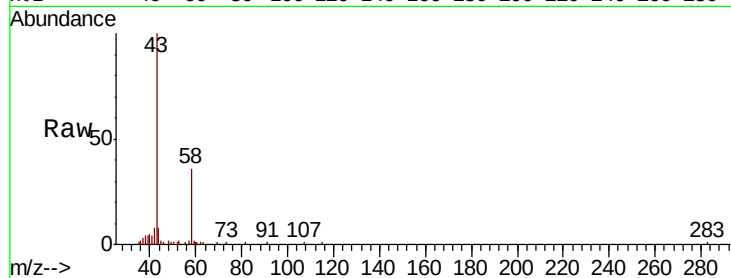
SAMPLE-17

Tot Ion: 43 Resp: 11933

Ion Ratio Lower Upper

43 100

58 36.1 28.9 43.3



#18

Methyl Acetate

Concen: 1.184 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010564.D

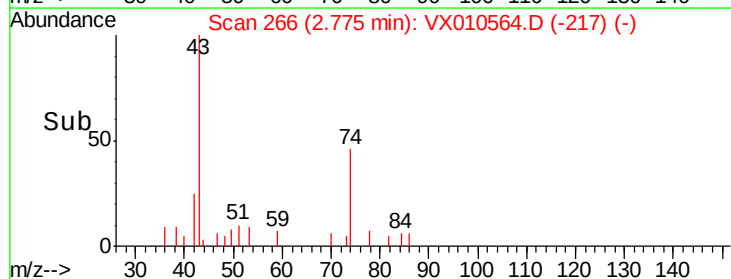
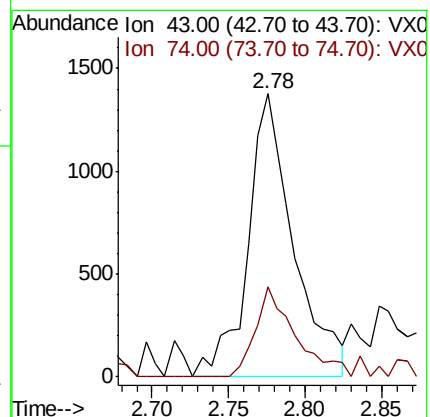
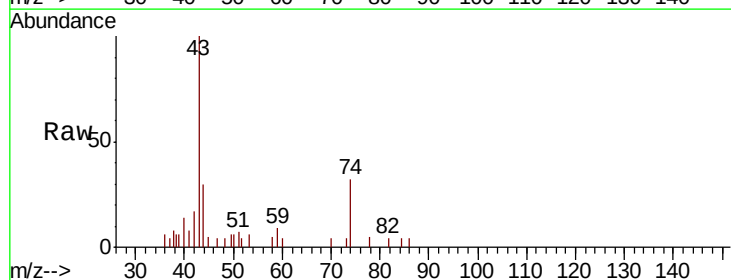
Acq: 29 Jun 2019 03:28

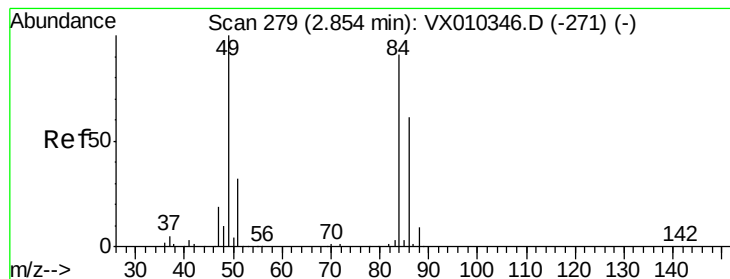
Tgt Ion: 43 Resp: 2865

Ion Ratio Lower Upper

43 100

74 27.8 21.3 31.9





#20

Methylene Chloride

Concen: 12.159 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

SAMPLE-17

Tot Ion: 84 Resp: 30385

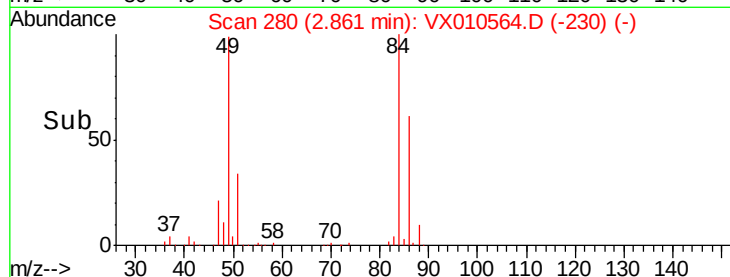
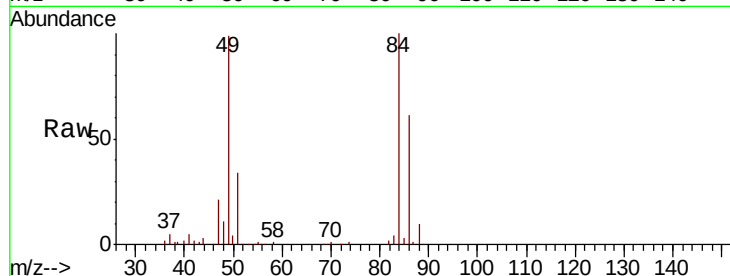
Ion Ratio Lower Upper

84 100

49 99.1 87.5 131.3

51 33.9 27.7 41.5

86 61.0 53.4 80.0



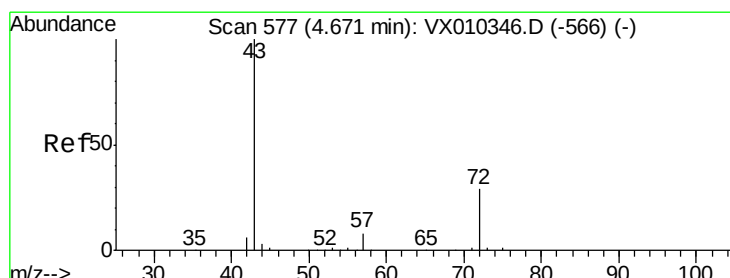
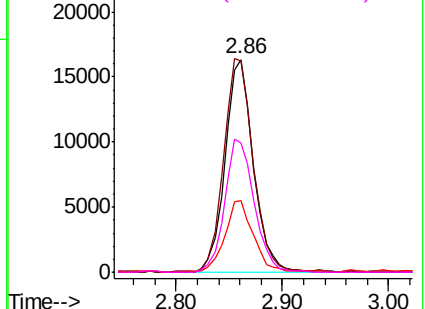
Abundance

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: 1.342 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.03 min

Lab File: VX010564.D

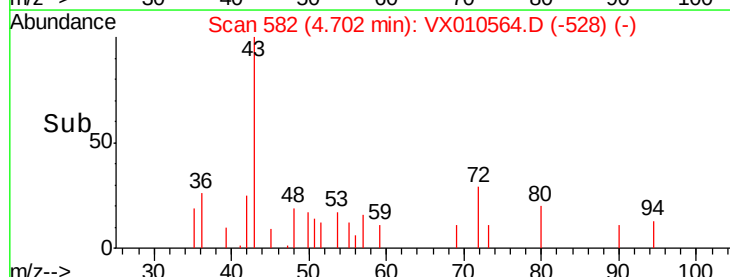
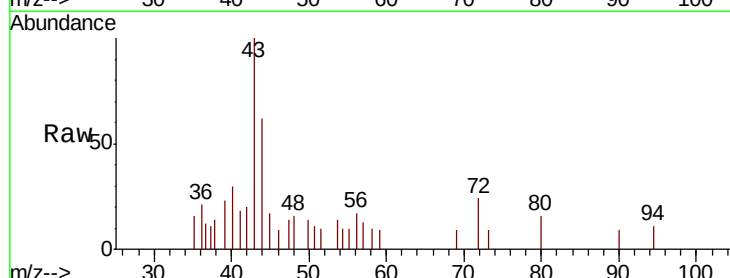
Acq: 29 Jun 2019 03:28

Tgt Ion: 43 Resp: 2390

Ion Ratio Lower Upper

43 100

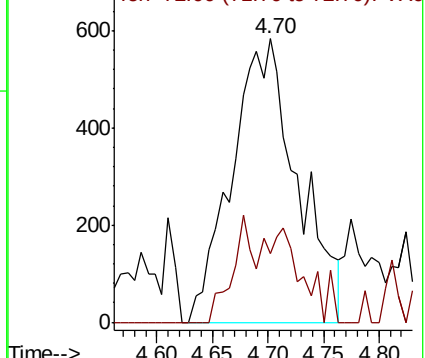
72 24.4 23.3 34.9

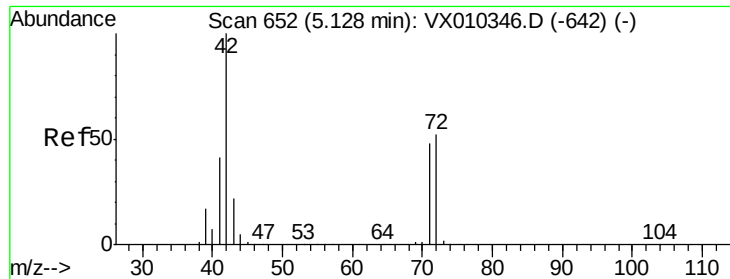


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

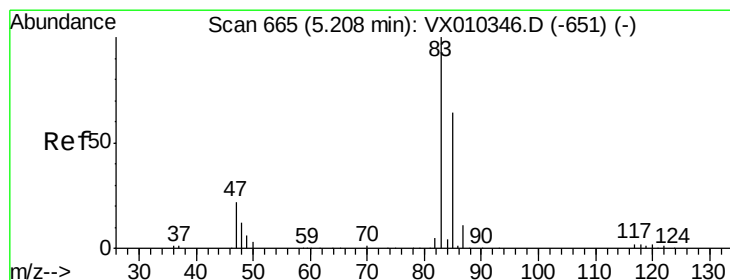
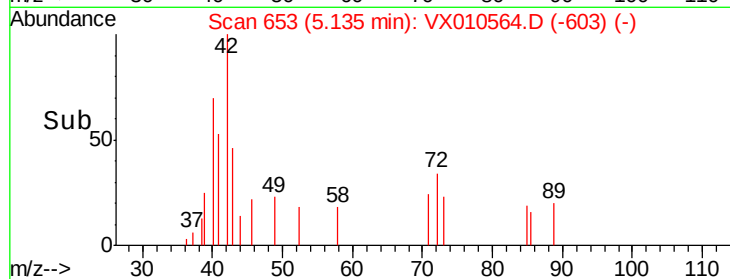
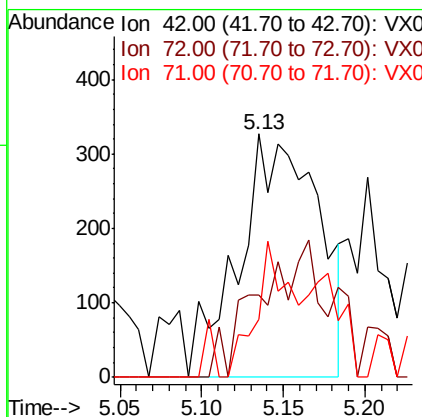
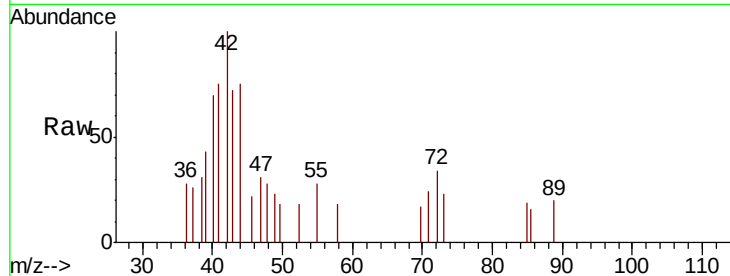




#29
Tetrahydrofuran
Concen: 1.001 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

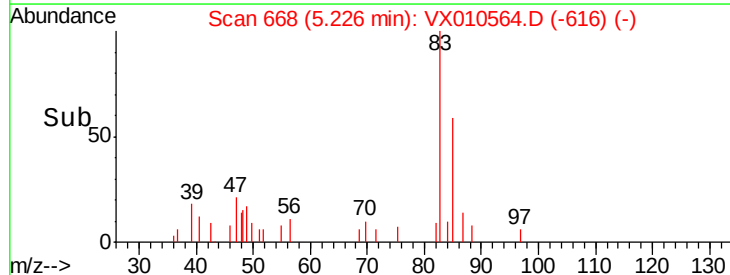
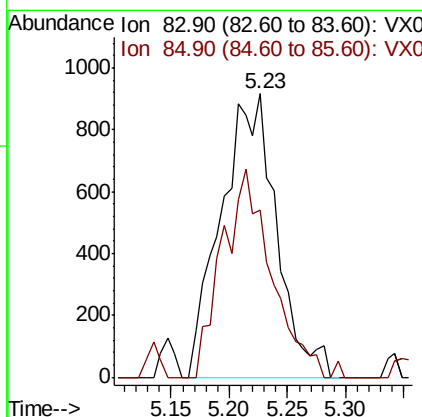
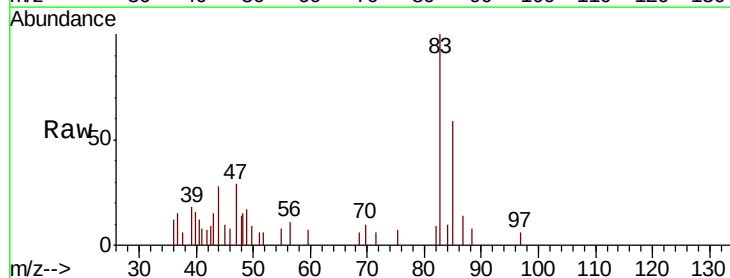
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-17

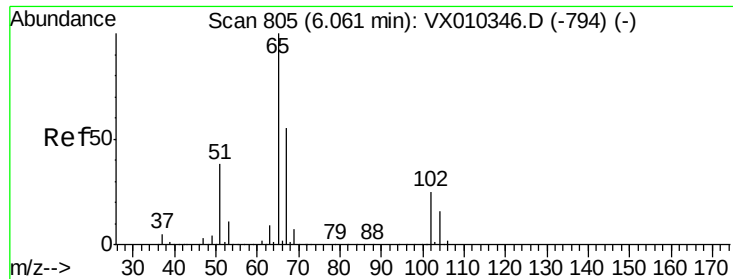
Tot Ion: 42 Resp: 1104
Ion Ratio Lower Upper
42 100
72 0.0 40.6 60.8#
71 23.6 37.8 56.8#



#30
Chloroform
Concen: 0.732 ug/l
RT: 5.23 min Scan# 668
Delta R.T. 0.02 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 83 Resp: 3026
Ion Ratio Lower Upper
83 100
85 58.8 50.9 76.3

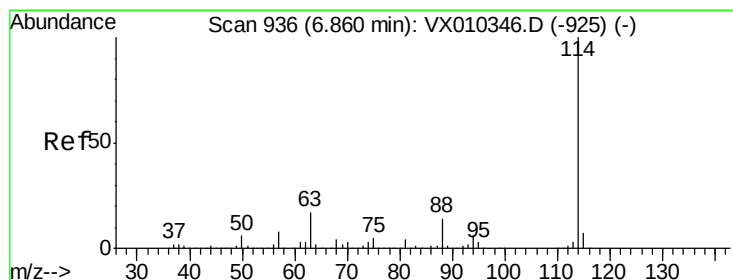
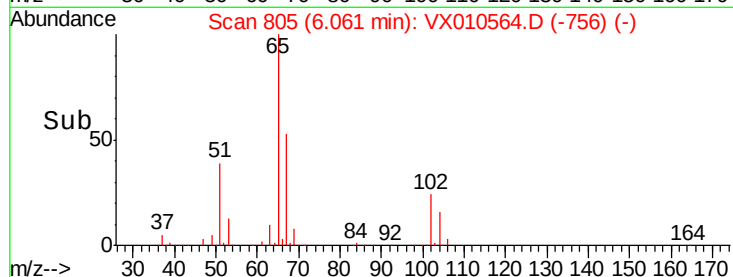
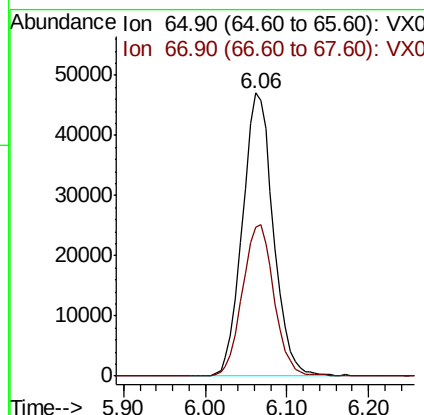
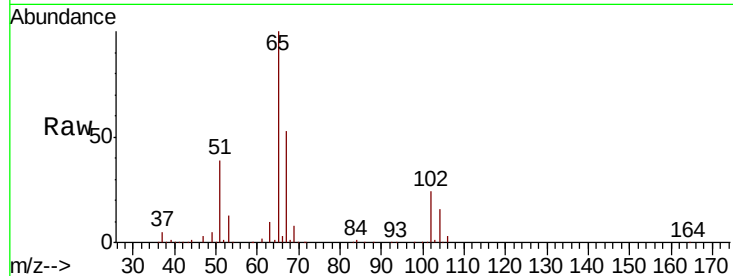




#33
 1,2-Dichloroethane-d4
 Concen: 51.085 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010564.D
 Acq: 29 Jun 2019 03:28

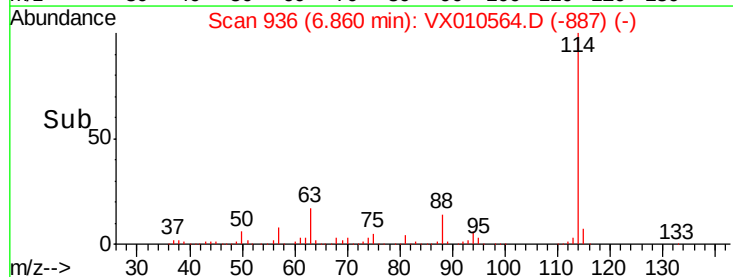
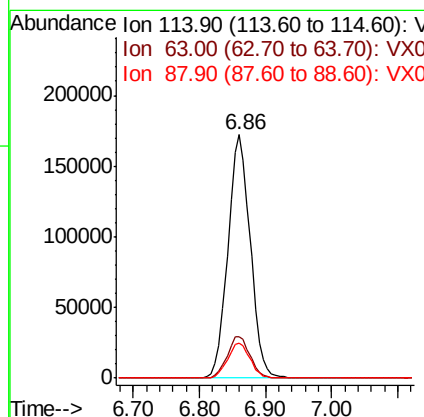
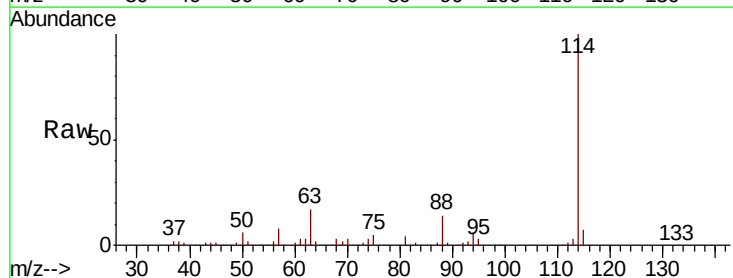
Instrument :
 MSVOA_X
 ClientSampleId :
 SAMPLE-17

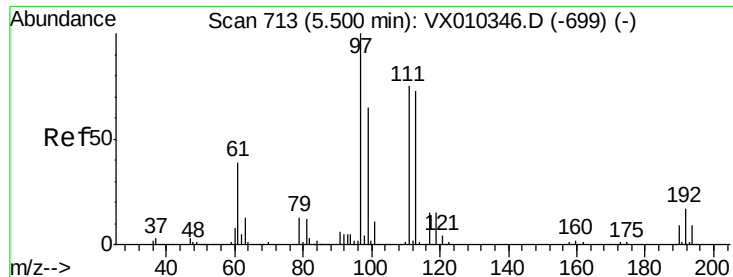
Tot Ion: 65 Resp: 123781
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010564.D
 Acq: 29 Jun 2019 03:28

Tgt Ion: 114 Resp: 401839
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.5 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.414 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-17

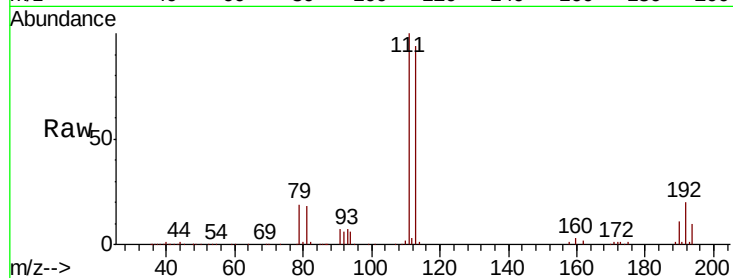
Tot Ion:113 Resp: 121488

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

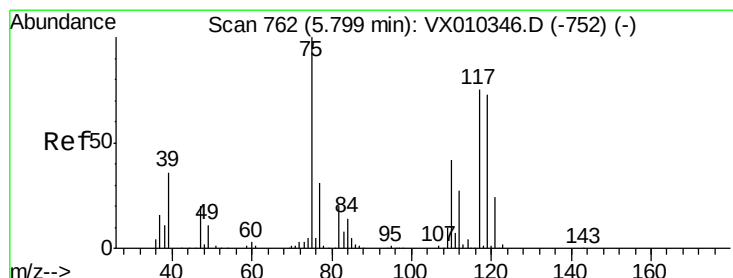
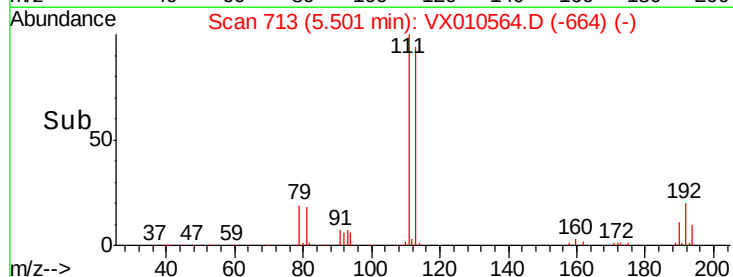
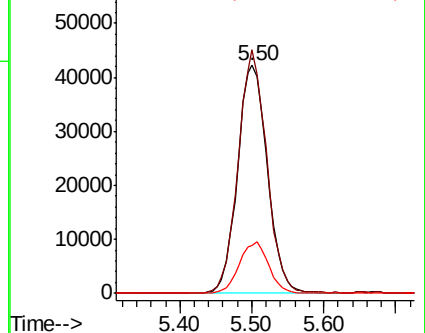
192 22.3 18.6 27.8



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: 5.043 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

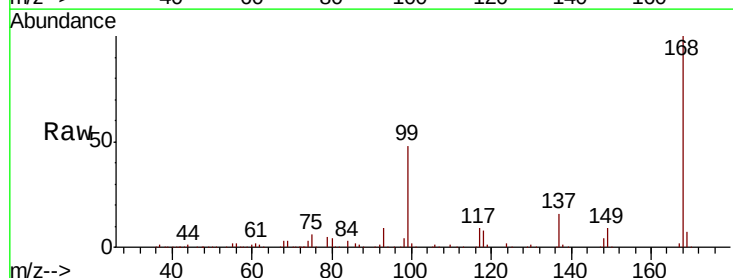
Tgt Ion: 75 Resp: 16104

Ion Ratio Lower Upper

75 100

110 11.2 20.8 62.2#

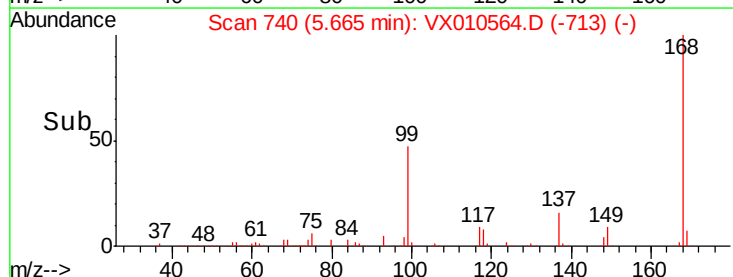
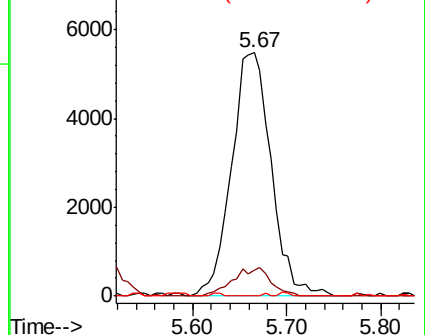
77 0.2 25.4 38.0#

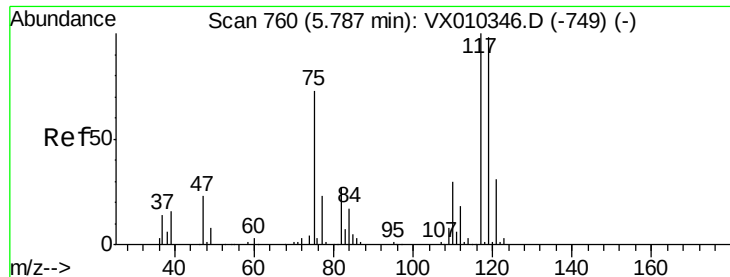


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.538 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

SAMPLE-17

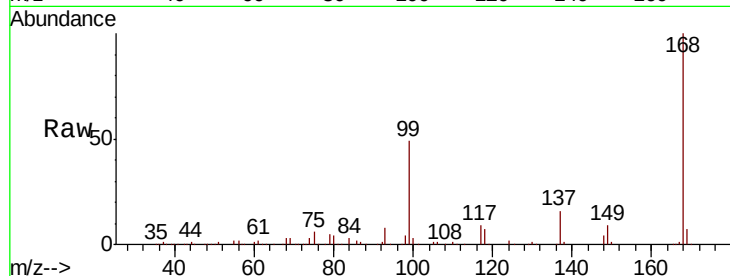
Tot Ion:117 Resp: 22607

Ion Ratio Lower Upper

117 100

119 3.9 78.2 117.4#

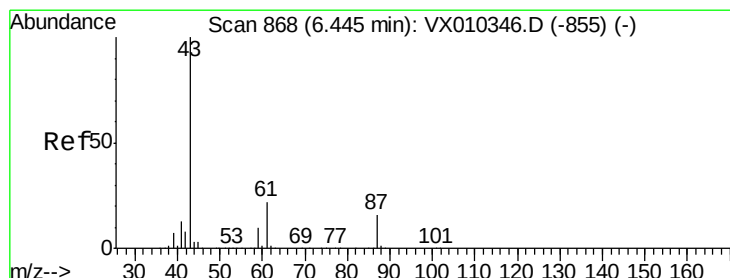
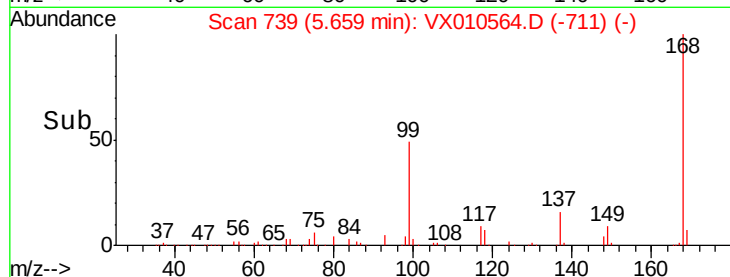
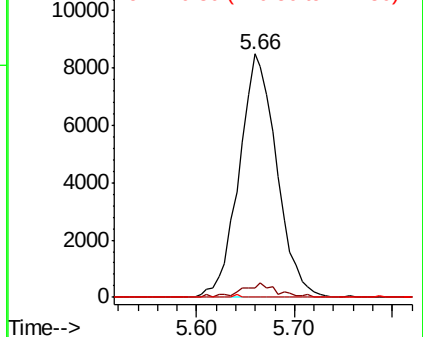
121 0.0 24.7 37.1#



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: 1.993 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

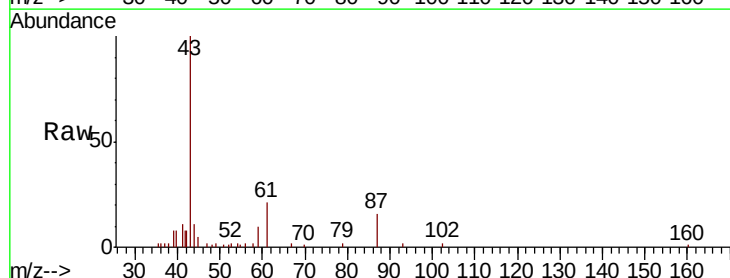
Tgt Ion: 43 Resp: 10832

Ion Ratio Lower Upper

43 100

61 22.8 17.8 26.6

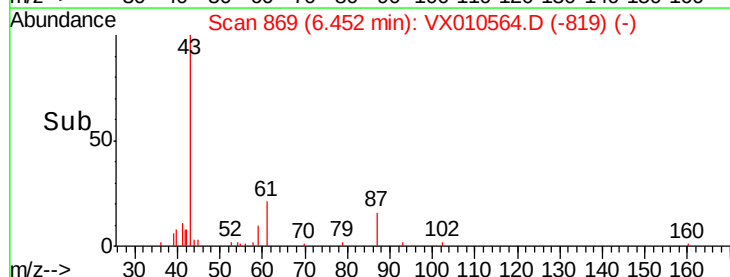
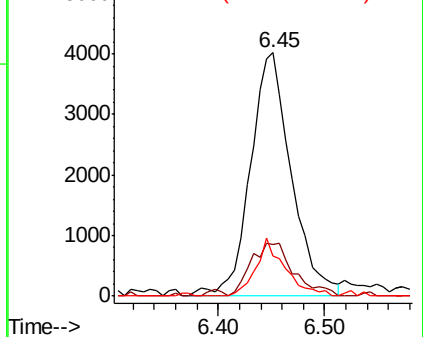
87 16.8 13.0 19.4

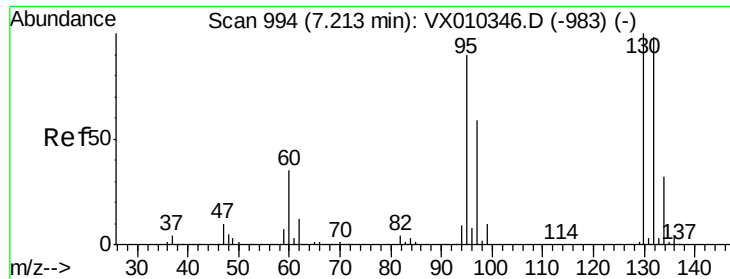


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.295 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

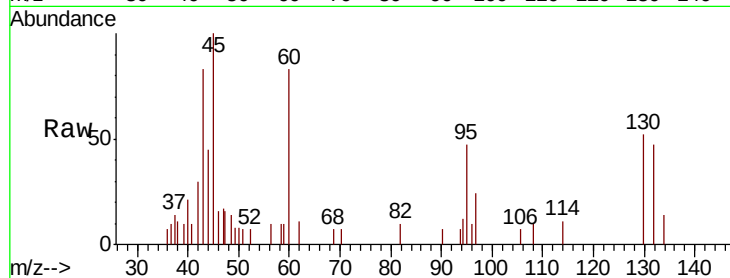
SAMPLE-17

Tot Ion:130 Resp: 878

Ion Ratio Lower Upper

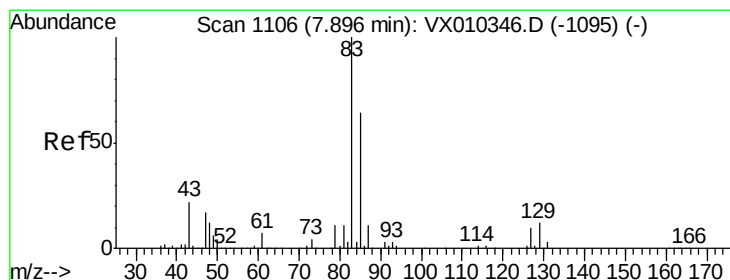
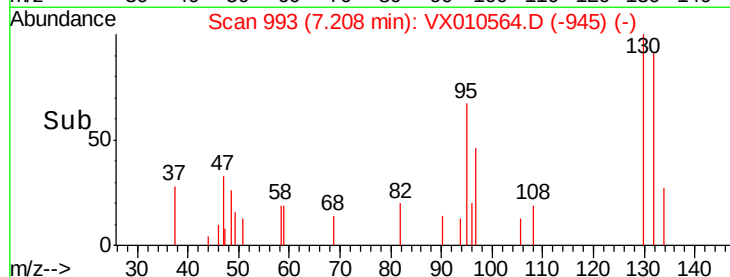
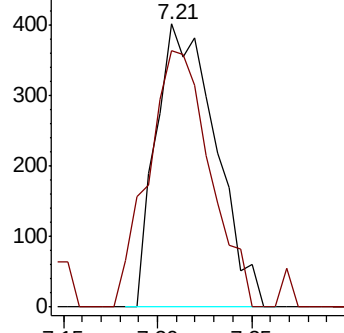
130 100

95 90.5 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#47

Bromodichloromethane

Concen: 0.253 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

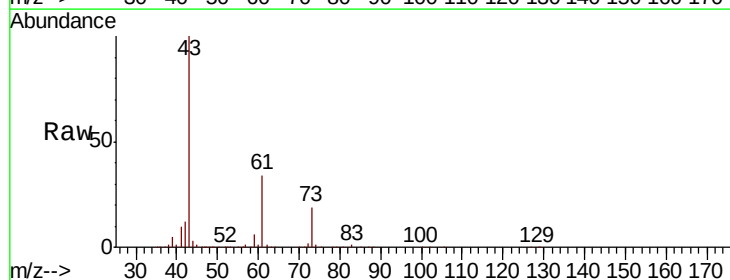
Tgt Ion: 83 Resp: 837

Ion Ratio Lower Upper

83 100

85 58.4 51.5 77.3

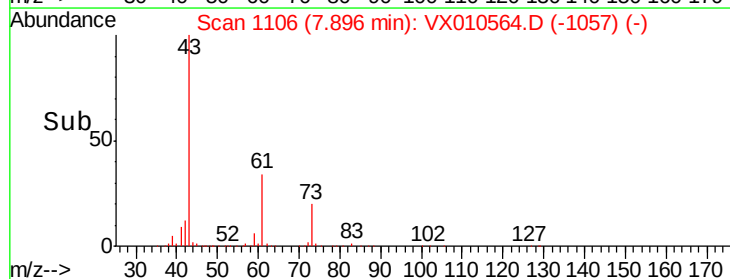
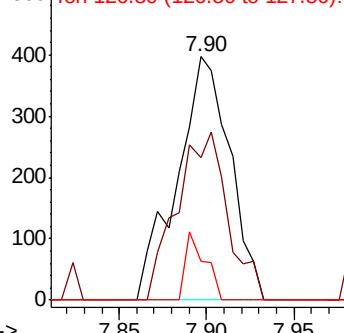
127 15.9 7.8 11.8#

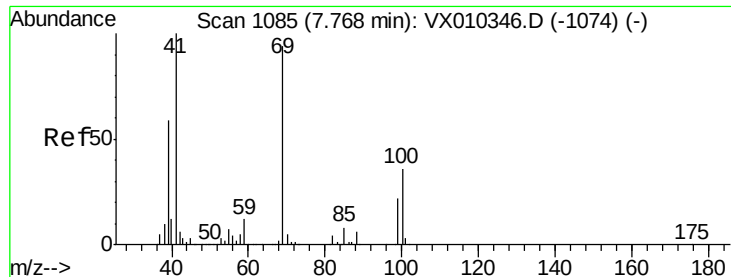


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

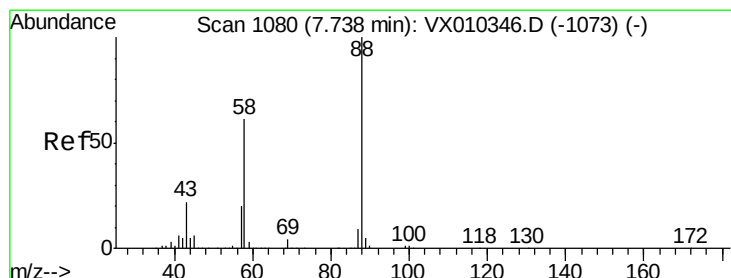
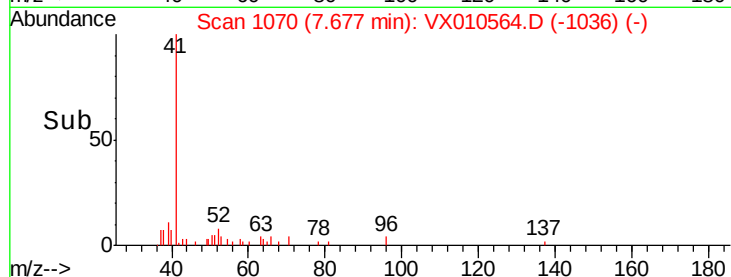
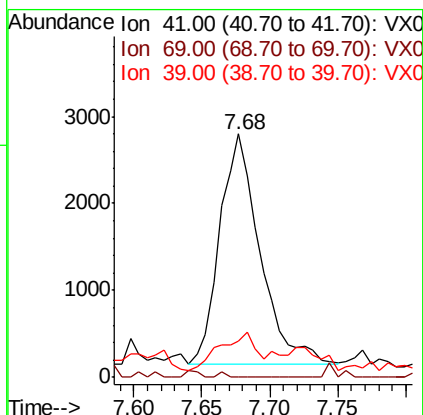
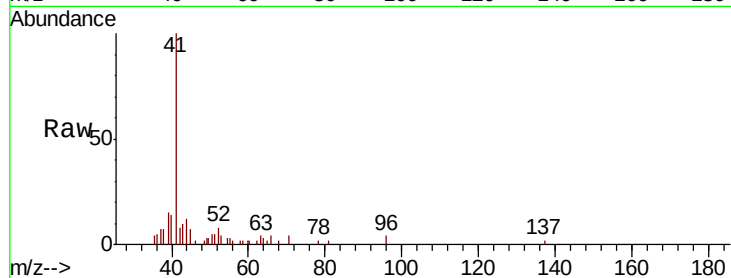




#48
Methvl methacrylate
Concen: 2.138 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

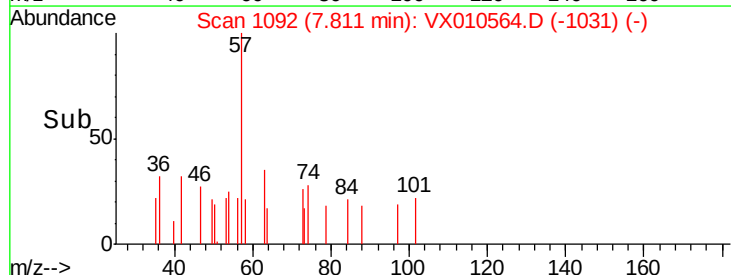
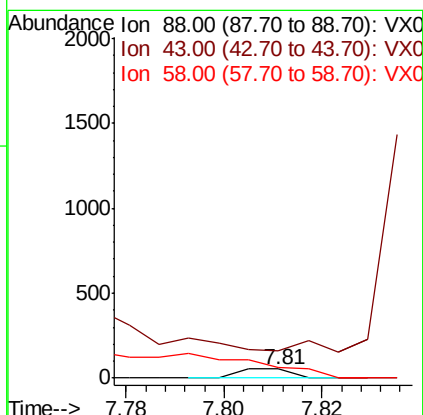
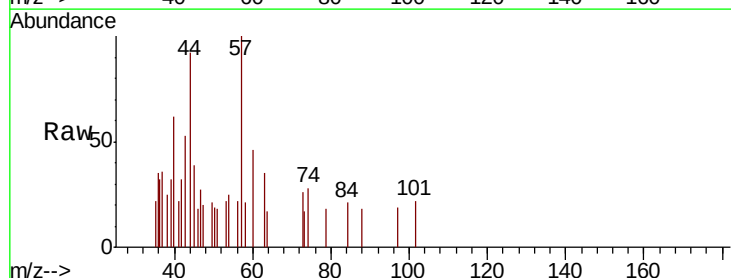
Instrument :
MSVOA_X
ClientSampled :
SAMPLE-17

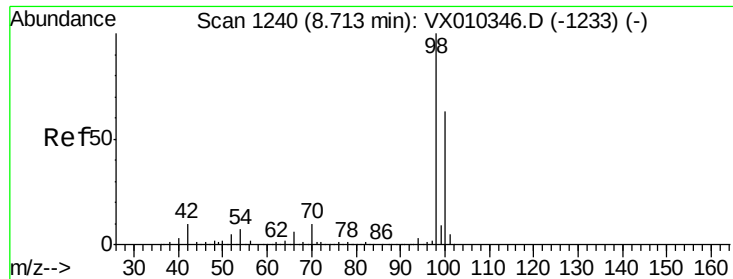
Tot Ion: 41 Resp: 5400
Ion Ratio Lower Upper
41 100
69 0.4 76.1 114.1#
39 0.0 47.6 71.4#



#49
1,4-Dioxane
Concen: 0.550 ug/l
RT: 7.81 min Scan# 1092
Delta R.T. 0.07 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#

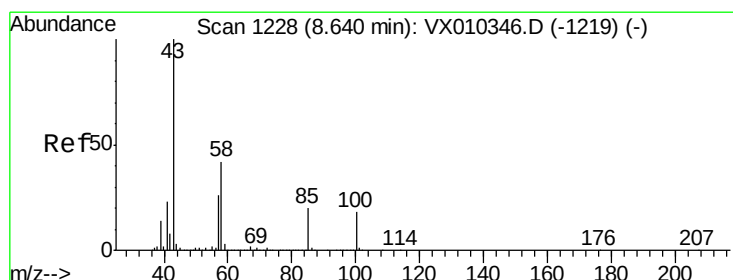
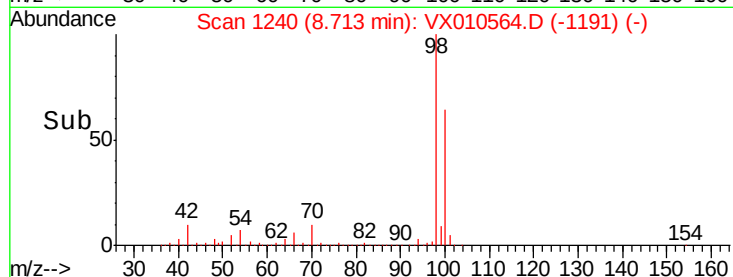
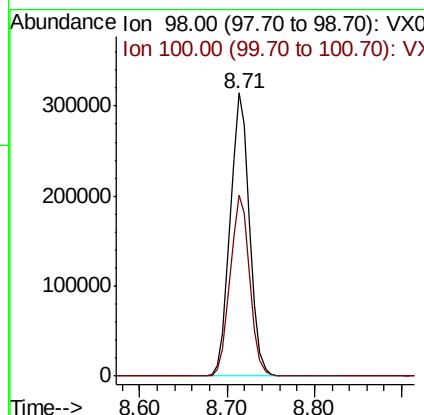
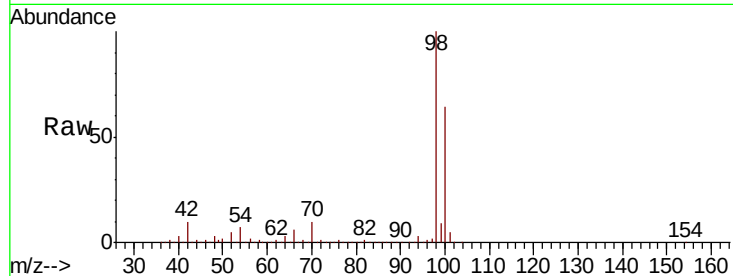




#50
Toluene-d8
Concen: 51.276 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

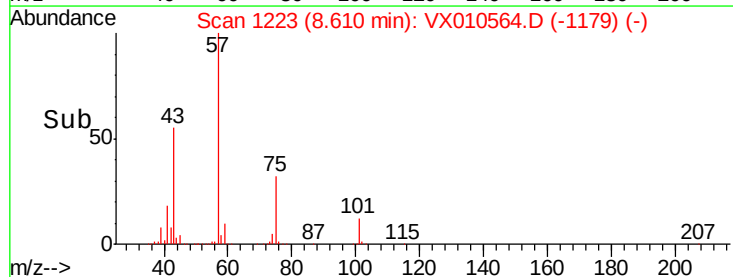
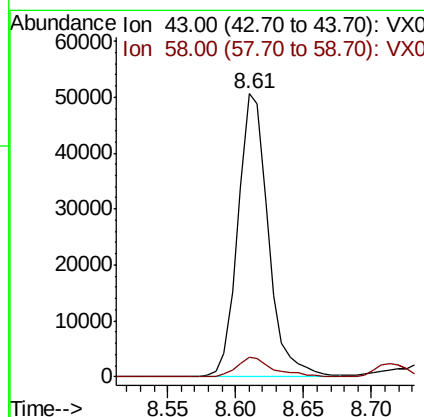
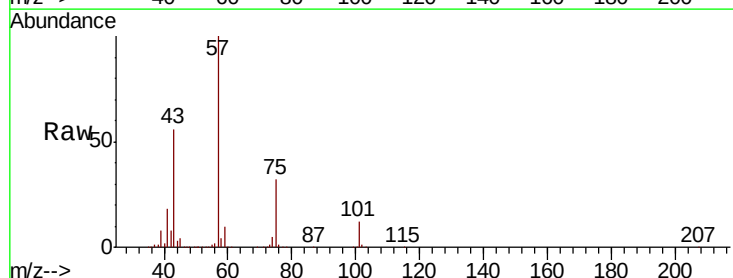
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-17

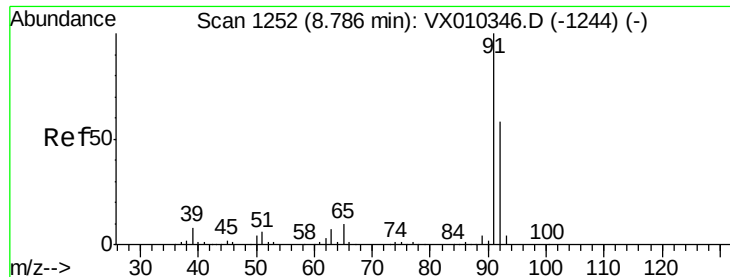
Tot Ion: 98 Resp: 482306
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 22.381 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 43 Resp: 77799
Ion Ratio Lower Upper
43 100
58 8.4 33.5 50.3#





#52

Toluene

Concen: 0.207 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

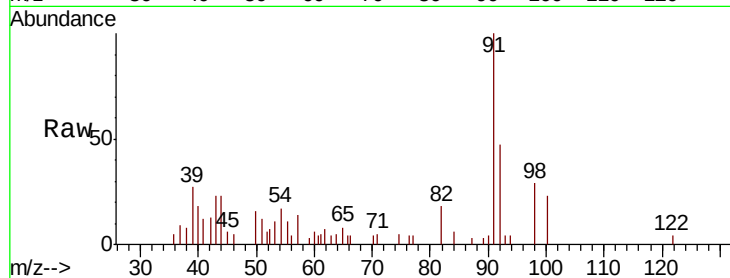
SAMPLE-17

Tot Ion: 92 Resp: 1355

Ion Ratio Lower Upper

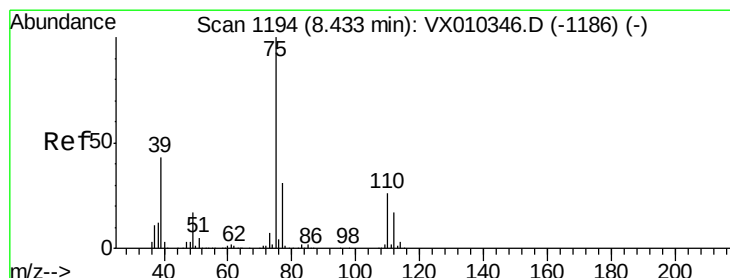
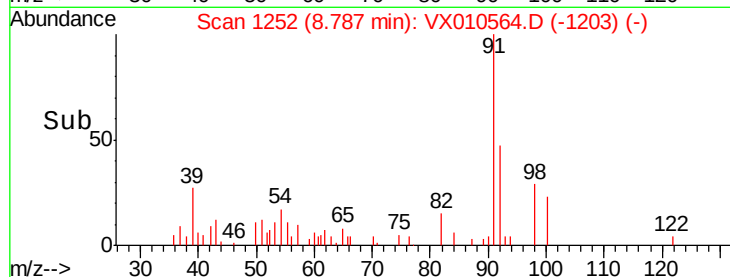
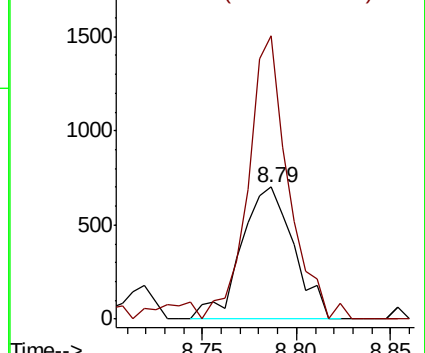
92 100

91 164.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 10.650 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

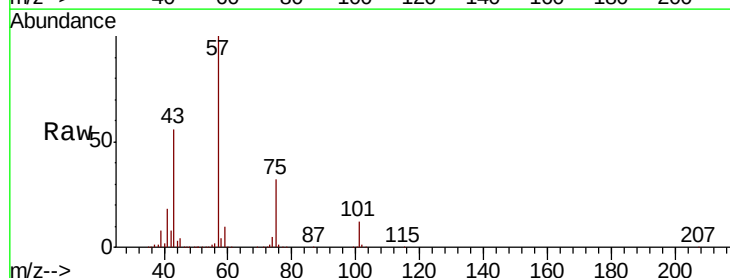
Tgt Ion: 75 Resp: 42861

Ion Ratio Lower Upper

75 100

77 0.8 25.2 37.8#

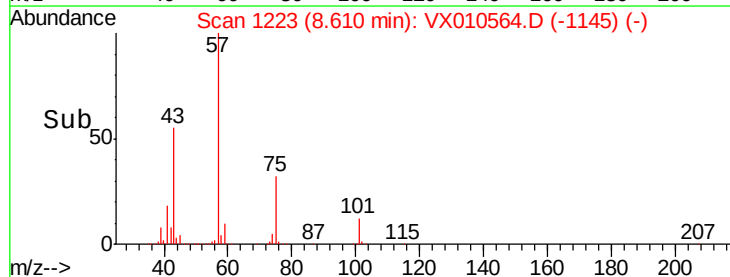
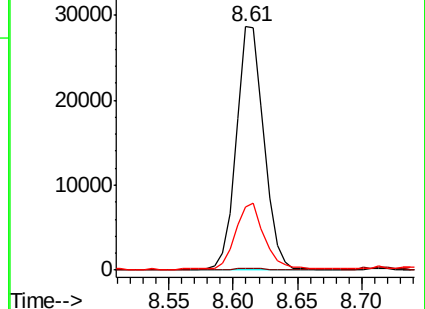
39 25.5 34.5 51.7#

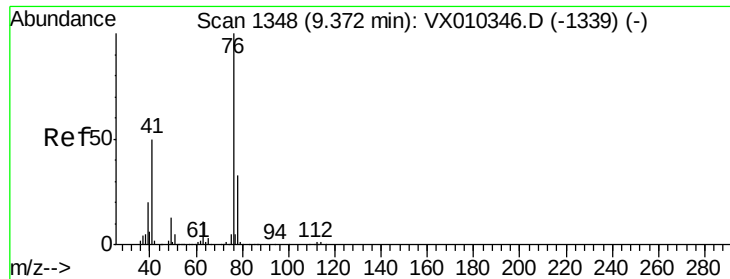


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.328 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

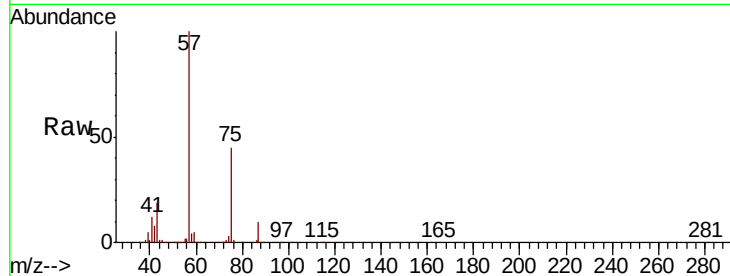
SAMPLE-17

Tot Ion: 76 Resp: 9763

Ion Ratio Lower Upper

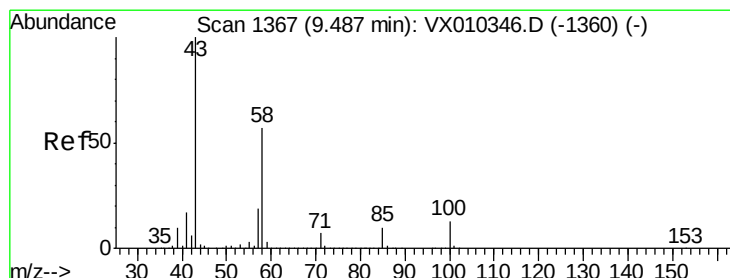
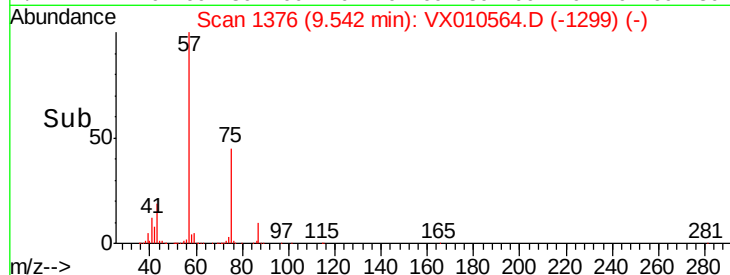
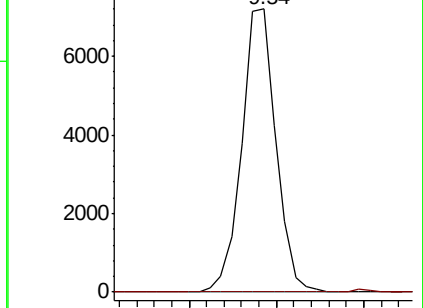
76 100

78 0.0 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 3.668 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX010564.D

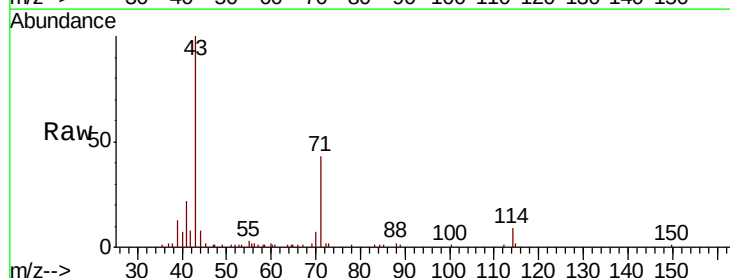
Acq: 29 Jun 2019 03:28

Tgt Ion: 43 Resp: 10036

Ion Ratio Lower Upper

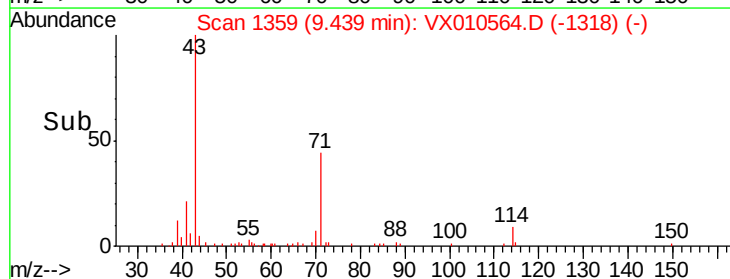
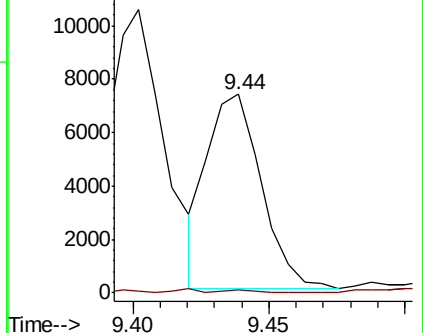
43 100

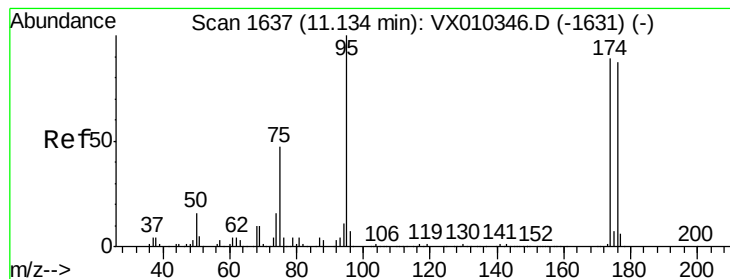
58 0.0 29.0 87.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.885 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-17

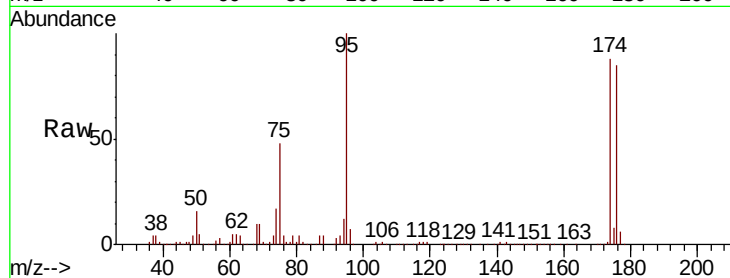
Tot Ion: 95 Resp: 162611

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.6

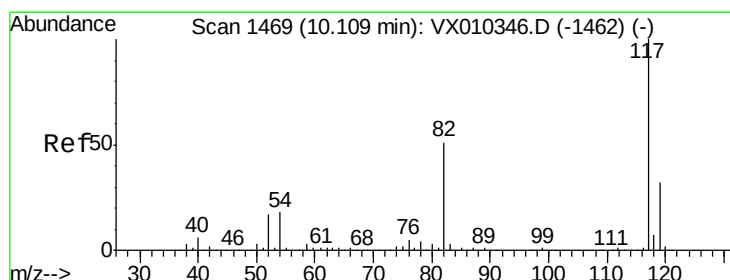
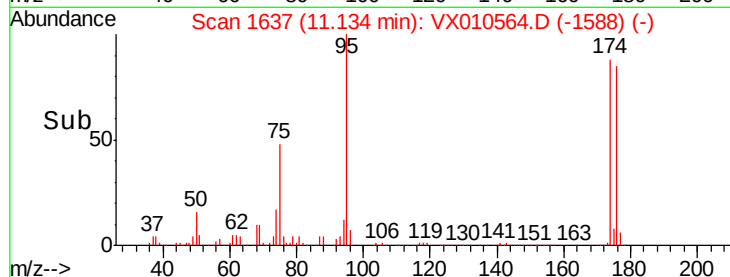
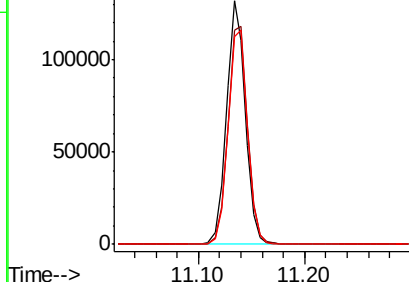
176 91.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

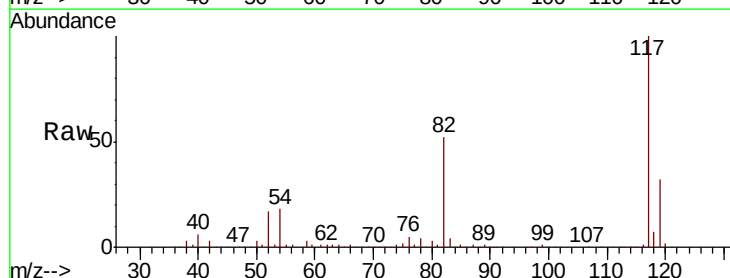
Tgt Ion: 117 Resp: 370390

Ion Ratio Lower Upper

117 100

82 51.8 41.2 61.8

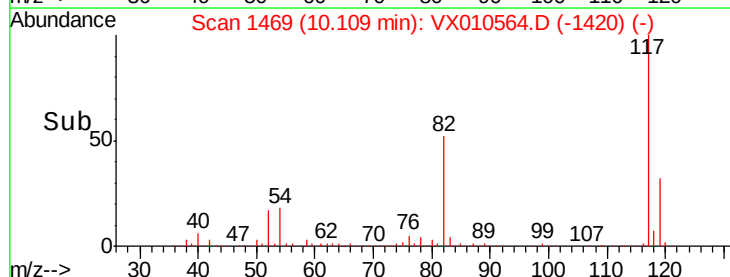
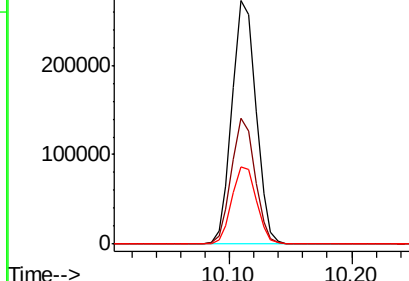
119 31.9 25.5 38.3

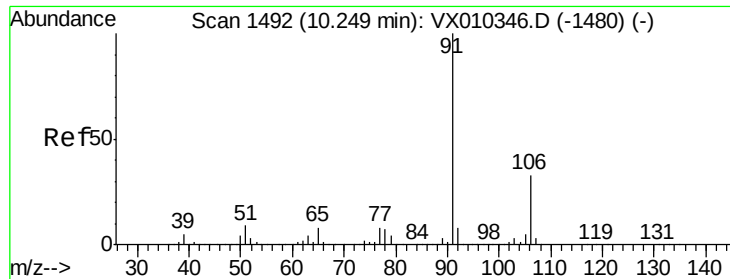


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

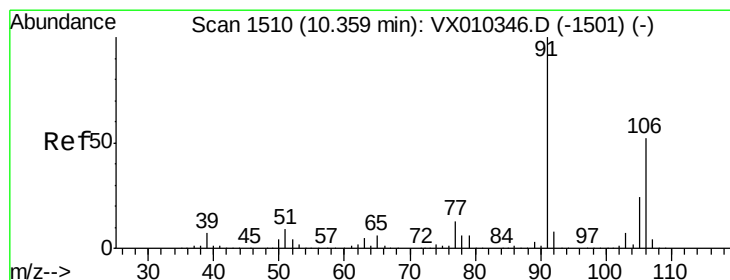
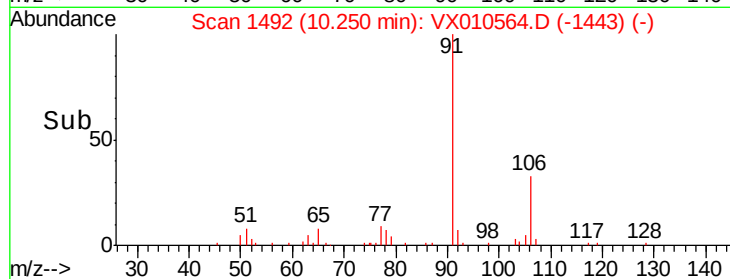
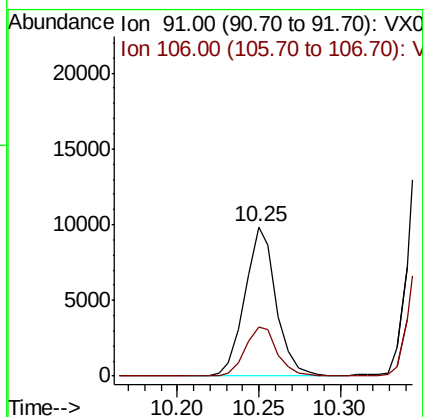
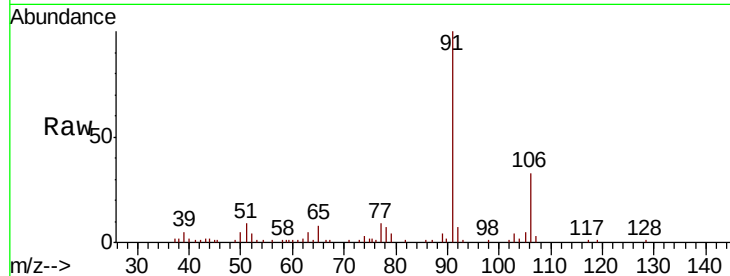




#67
Ethyl Benzene
Concen: 1.035 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

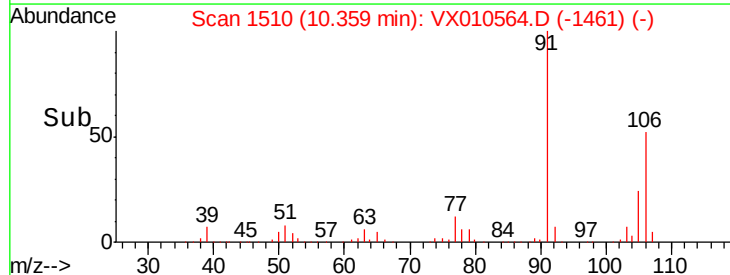
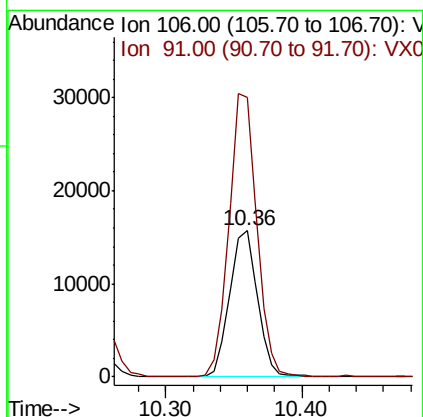
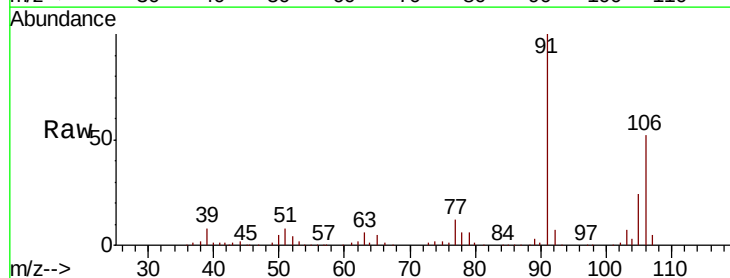
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-17

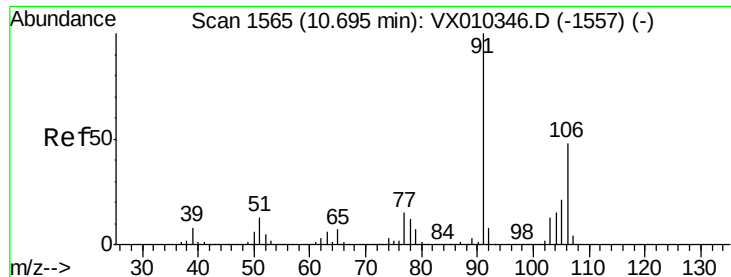
Tot Ion: 91 Resp: 13137
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



#68
m/p-Xylenes
Concen: 4.573 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 106 Resp: 22492
Ion Ratio Lower Upper
106 100
91 193.3 155.3 232.9

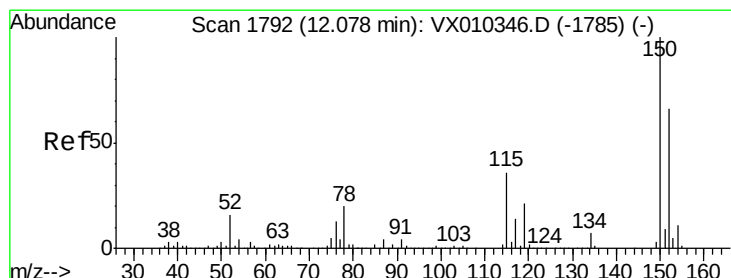
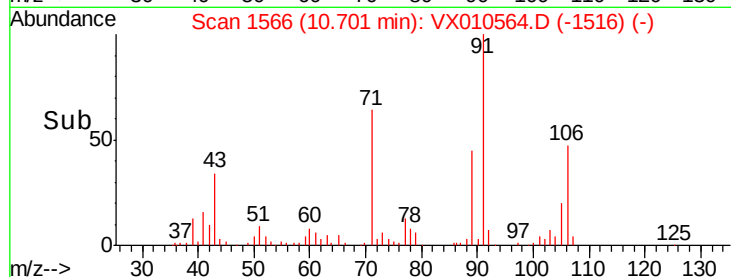
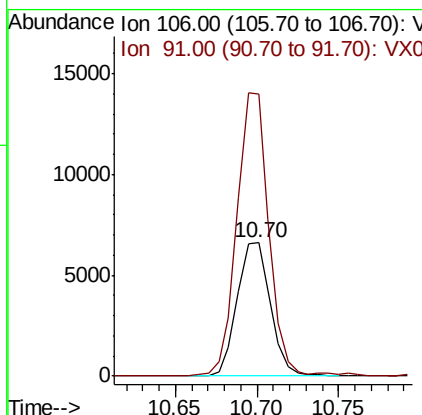
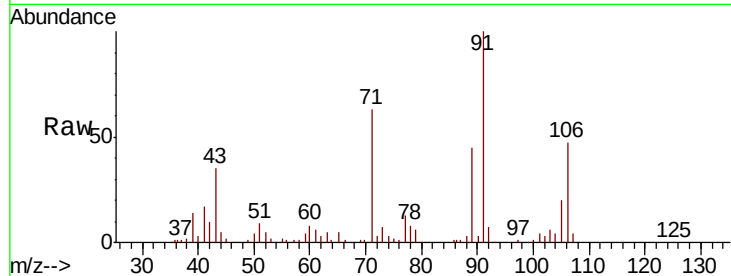




#69
o-Xylene
Concen: 1.944 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

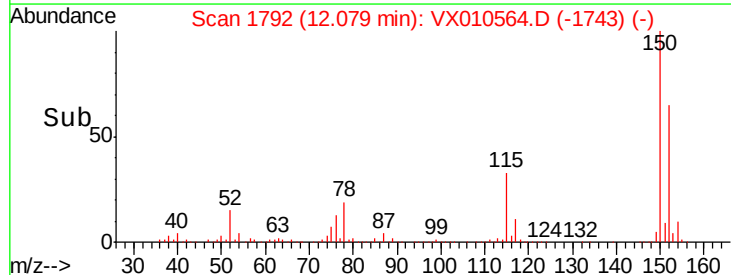
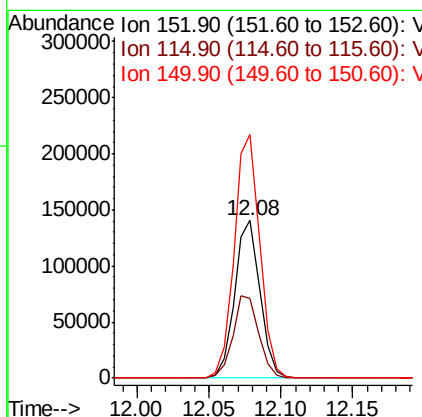
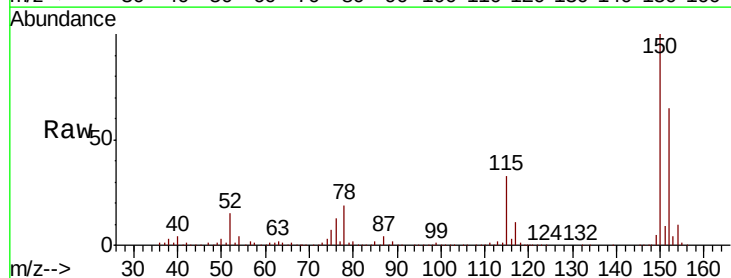
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-17

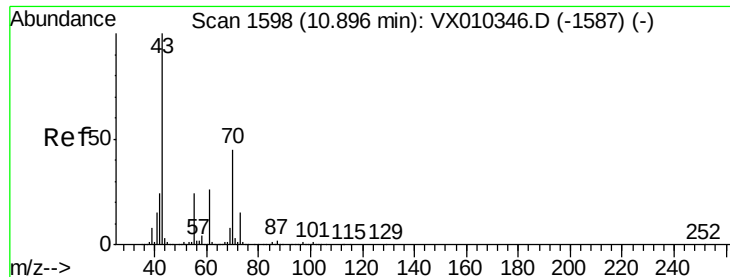
Tot Ion:106 Resp: 9403
Ion Ratio Lower Upper
106 100
91 205.6 102.7 308.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion:152 Resp: 172301
Ion Ratio Lower Upper
152 100
115 53.6 38.6 115.7
150 156.1 0.0 347.4





#74

N-amyl acetate

Concen: 2.907 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

SAMPLE-17

Tot Ion: 43 Resp: 12832

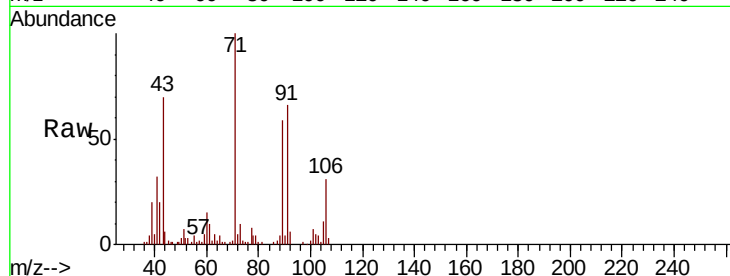
Ion Ratio Lower Upper

43 100

70 2.6 36.6 54.8#

55 6.3 18.7 28.1#

61 13.6 20.6 31.0#

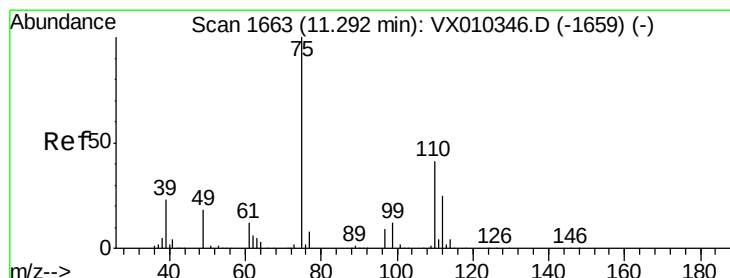
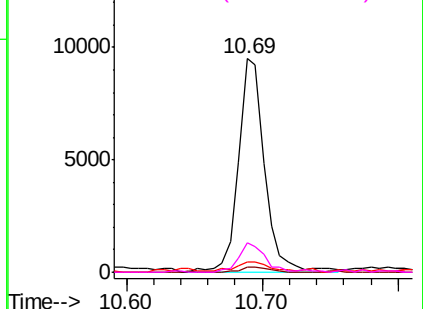
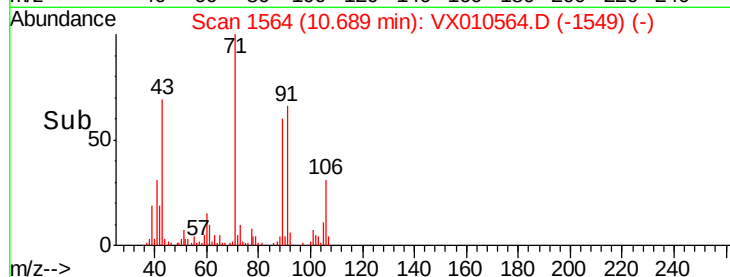


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.829 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010564.D

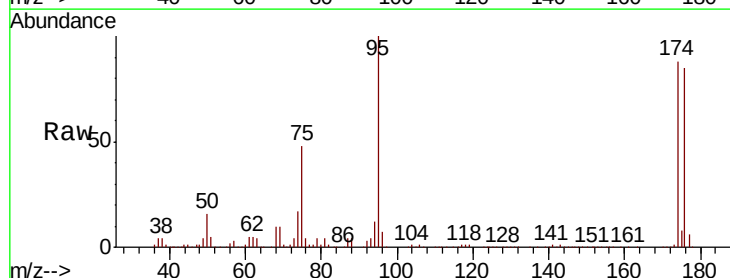
Acq: 29 Jun 2019 03:28

Tgt Ion: 75 Resp: 77956

Ion Ratio Lower Upper

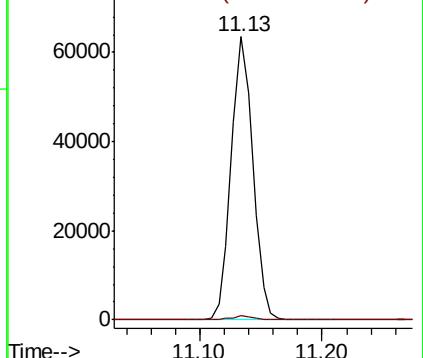
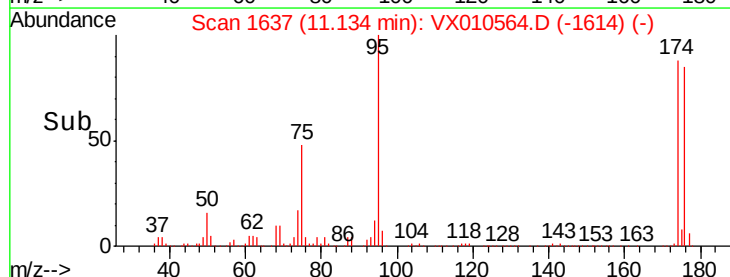
75 100

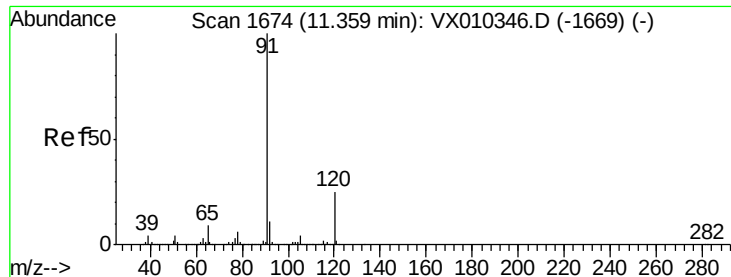
77 1.5 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.382 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

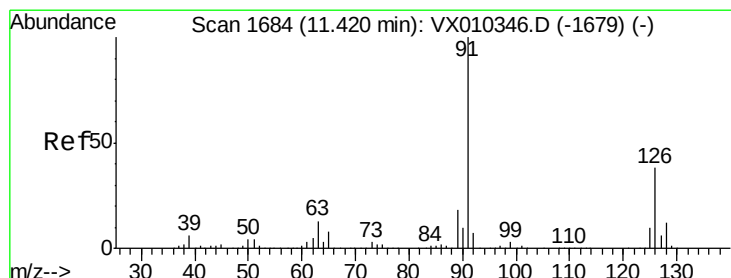
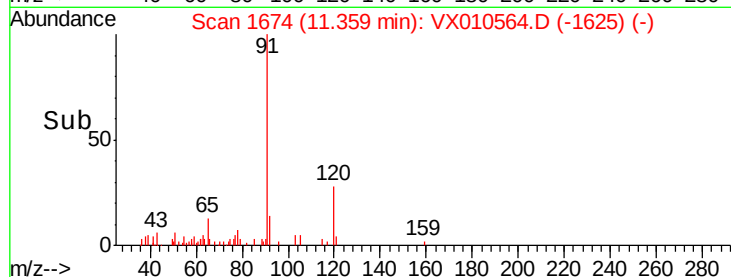
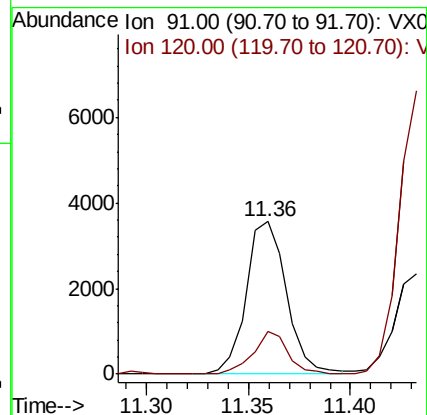
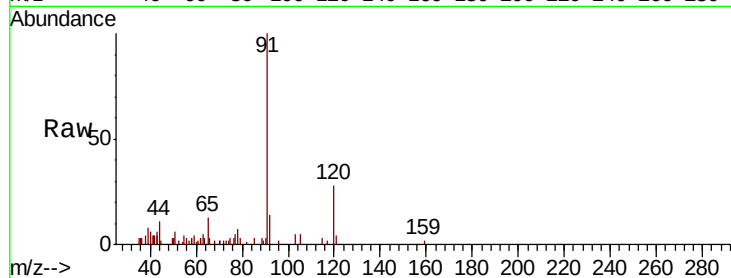
SAMPLE-17

Tot Ion: 91 Resp: 4898

Ion Ratio Lower Upper

91 100

120 24.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 0.591 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010564.D

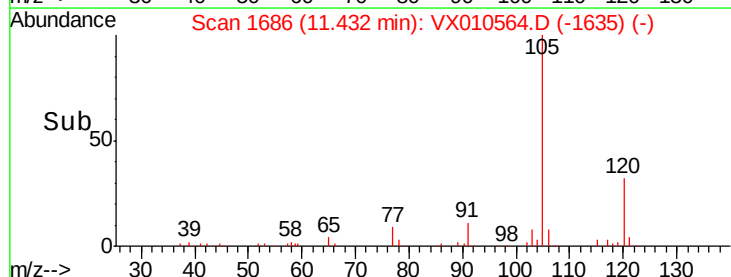
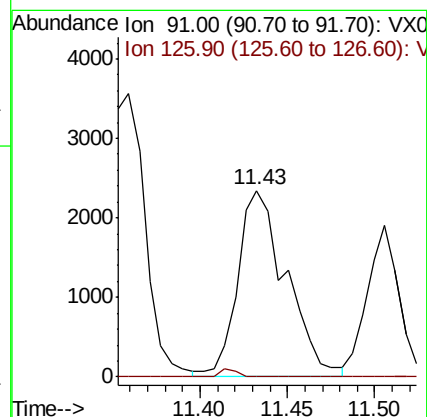
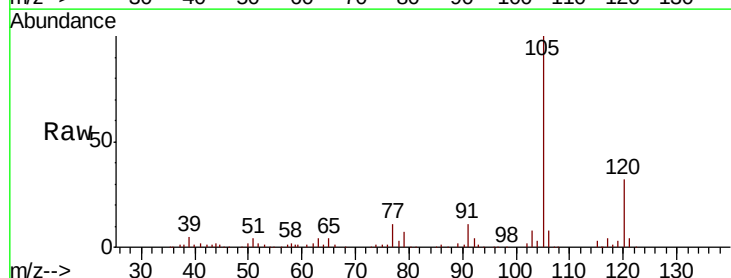
Acq: 29 Jun 2019 03:28

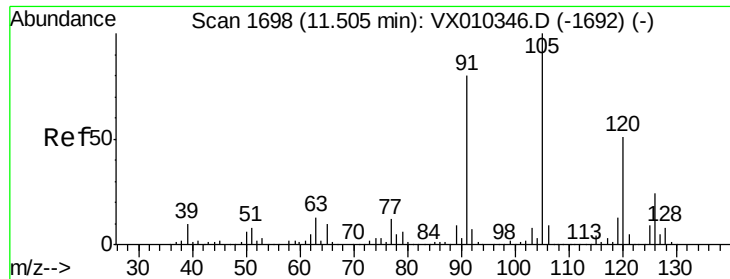
Tgt Ion: 91 Resp: 4517

Ion Ratio Lower Upper

91 100

126 1.4 18.7 56.1#

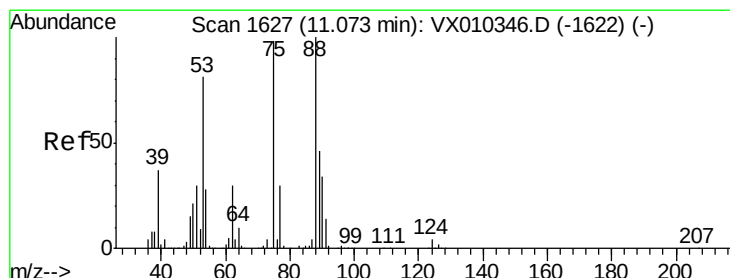
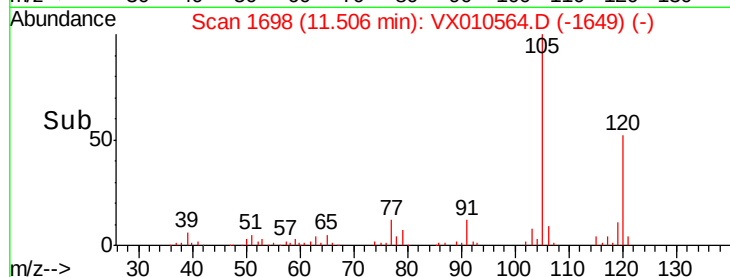
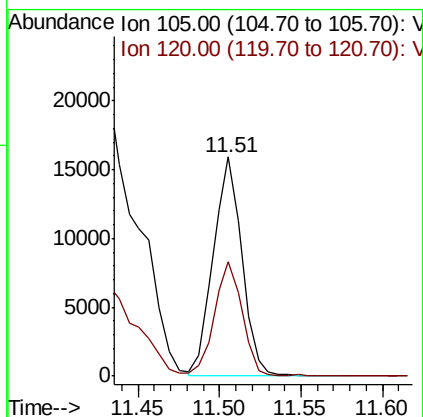
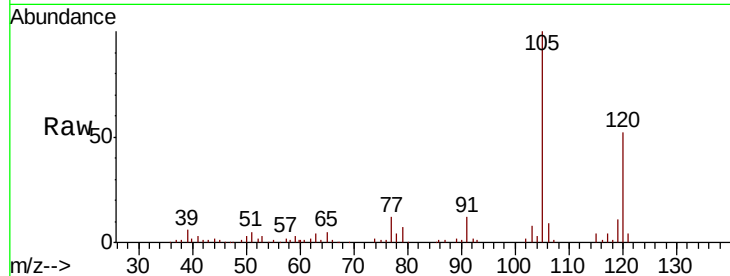




#80
 1,3,5-Trimethylbenzene
 Concen: 2.030 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010564.D
 Acq: 29 Jun 2019 03:28

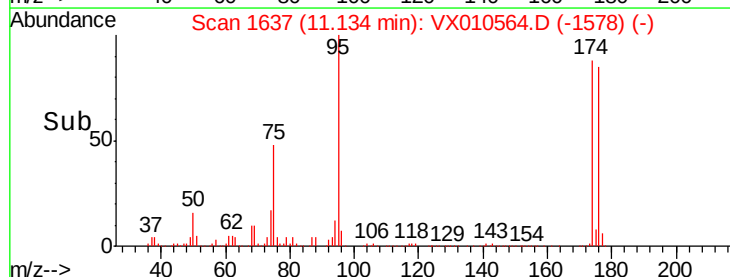
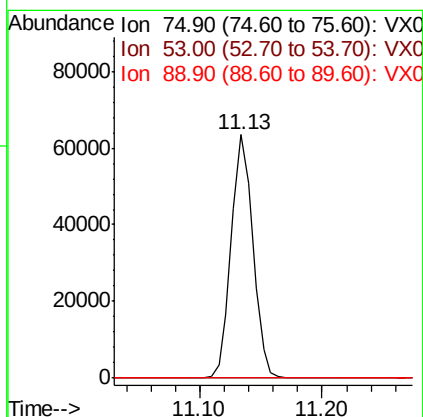
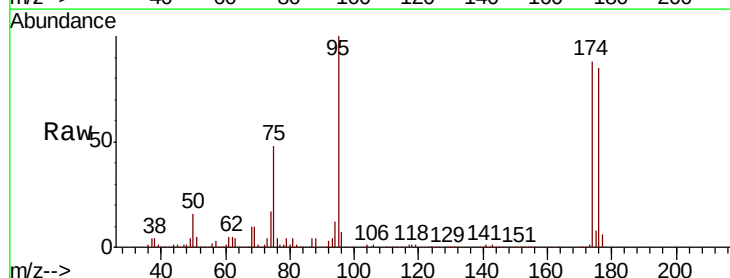
Instrument :
 MSVOA_X
 ClientSampled :
 SAMPLE-17

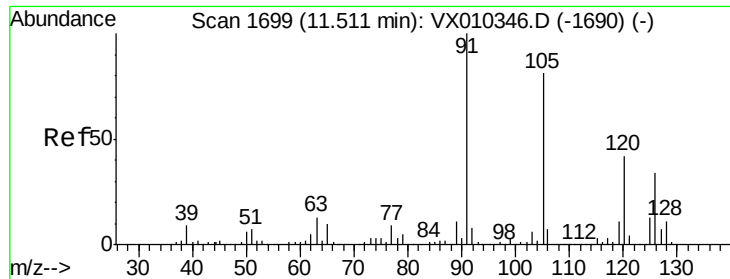
Tot Ion:105 Resp: 19550
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.922 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010564.D
 Acq: 29 Jun 2019 03:28

Tgt Ion: 75 Resp: 77956
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.1 99.1#
 89 0.0 37.8 56.6#

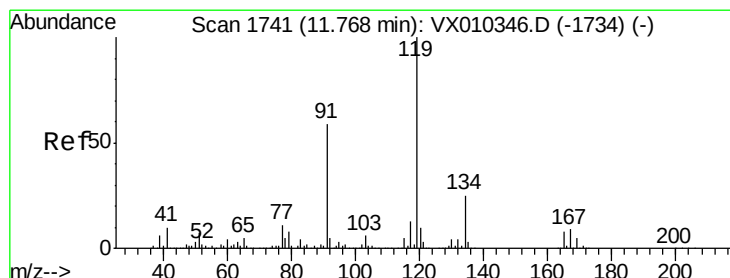
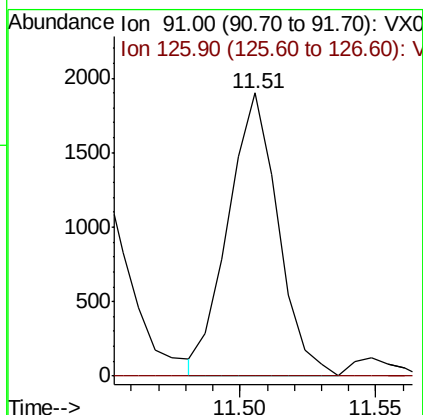
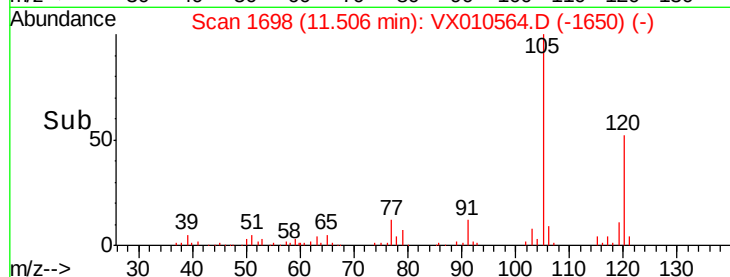
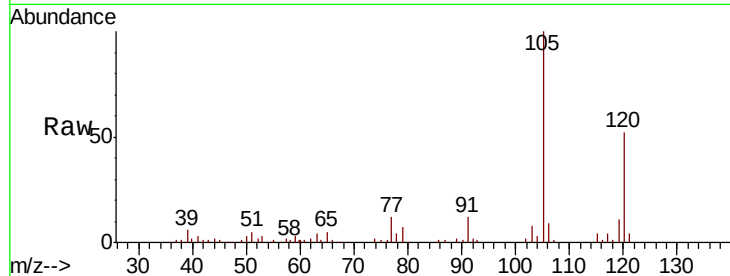




#82
4-Chlorotoluene
Concen: 0.277 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

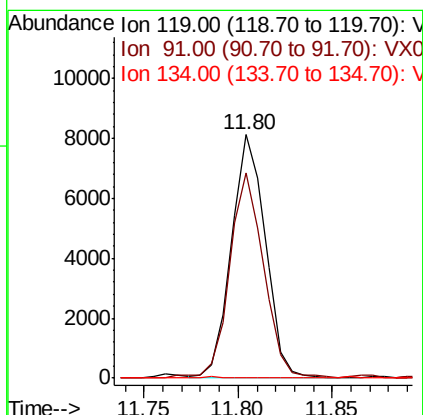
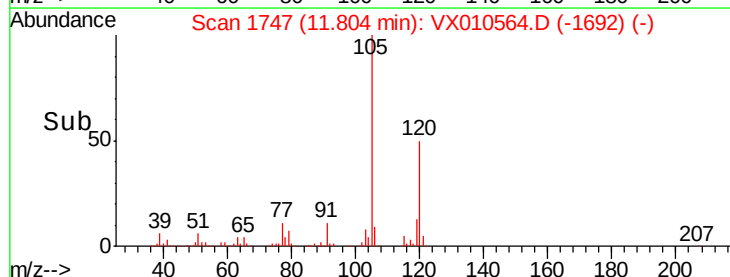
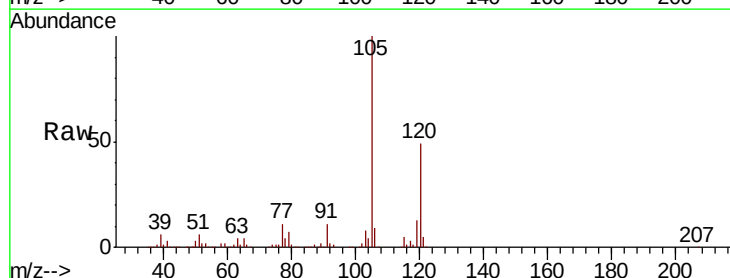
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-17

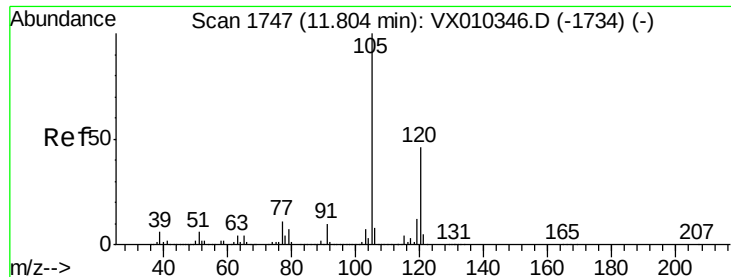
Tot Ion: 91 Resp: 2412
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#83
tert-Butylbenzene
Concen: 1.054 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 119 Resp: 10184
Ion Ratio Lower Upper
119 100
91 84.6 27.6 82.7#
134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 8.226 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

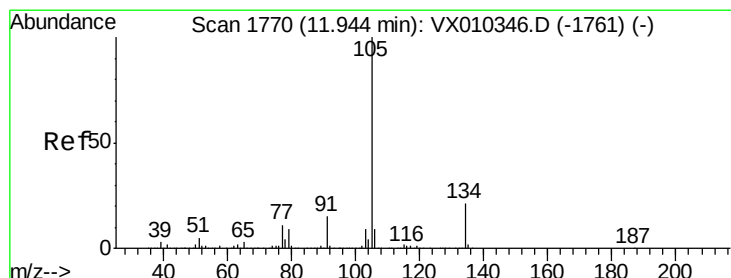
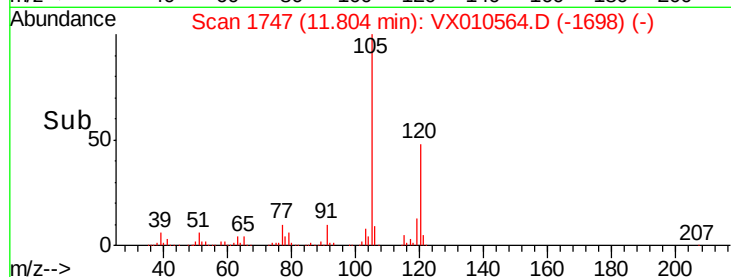
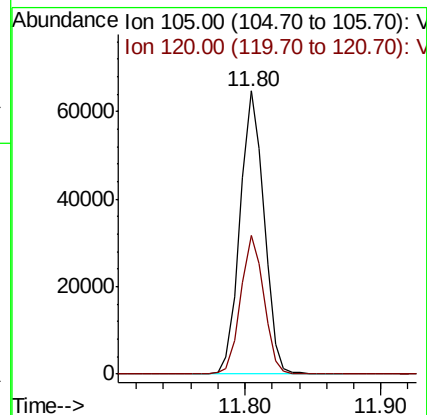
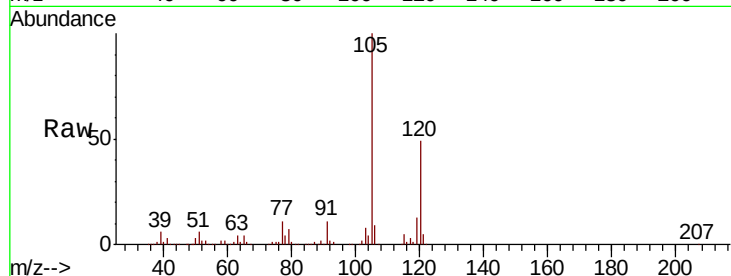
SAMPLE-17

Tot Ion:105 Resp: 79578

Ion Ratio Lower Upper

105 100

120 47.2 23.1 69.2



#85

sec-Butylbenzene

Concen: 7.013 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX010564.D

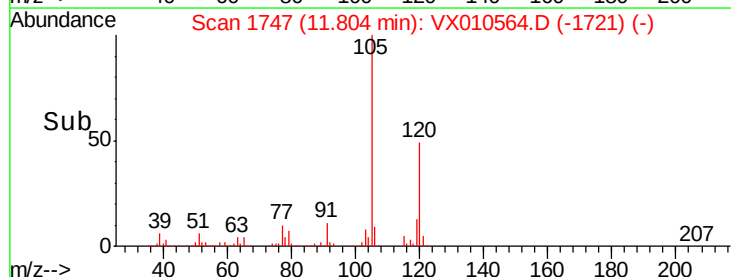
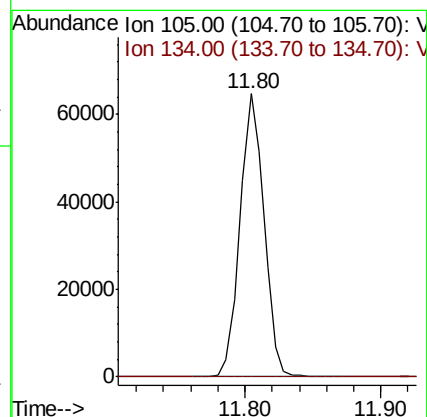
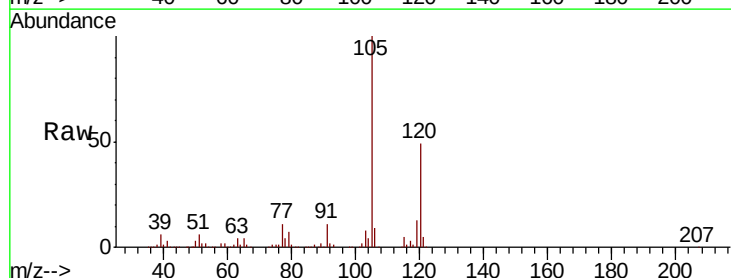
Acq: 29 Jun 2019 03:28

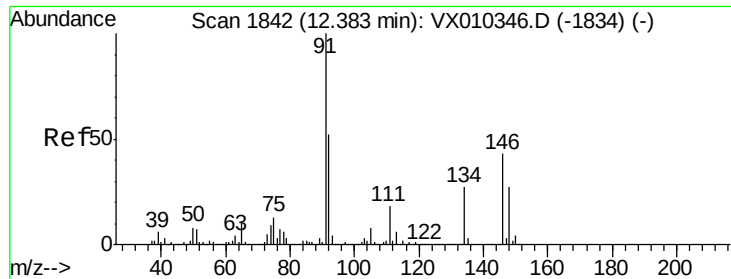
Tgt Ion:105 Resp: 79578

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#





#89

n-Butylbenzene

Concen: 0.317 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

SAMPLE-17

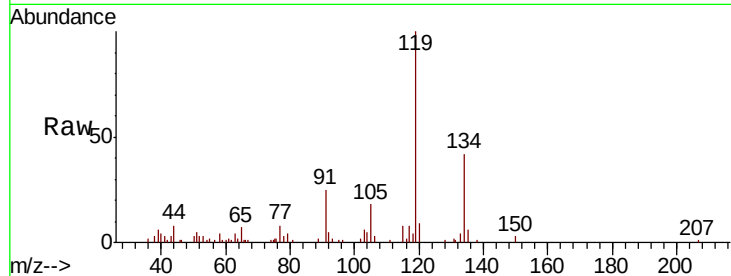
Tot Ion: 91 Resp: 2826

Ion Ratio Lower Upper

91 100

92 31.1 26.2 78.5

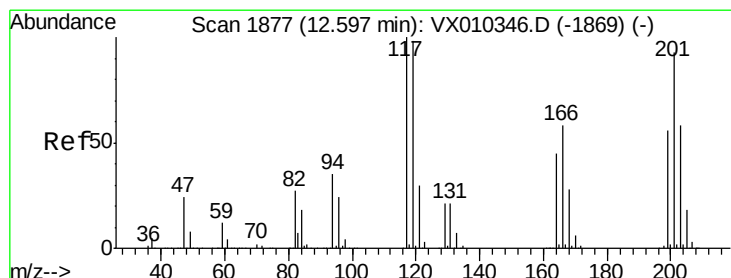
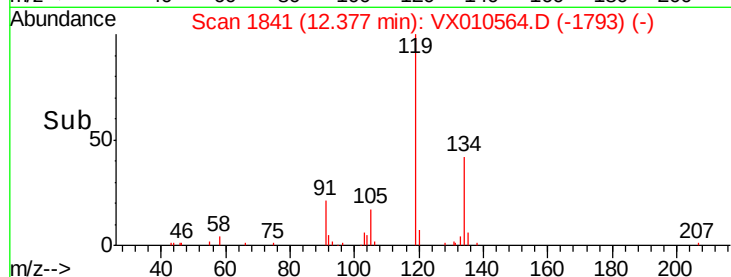
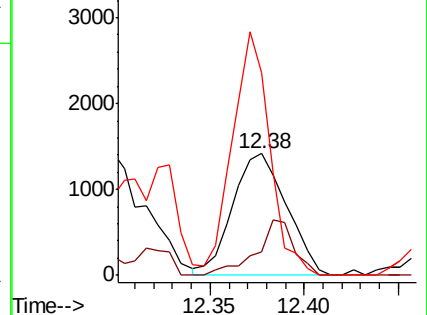
134 137.8 14.1 42.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.611 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010564.D

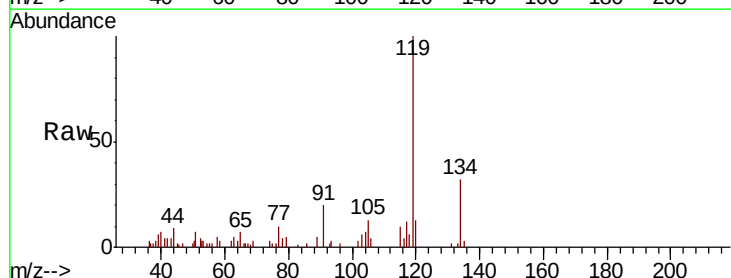
Acq: 29 Jun 2019 03:28

Tgt Ion: 117 Resp: 1108

Ion Ratio Lower Upper

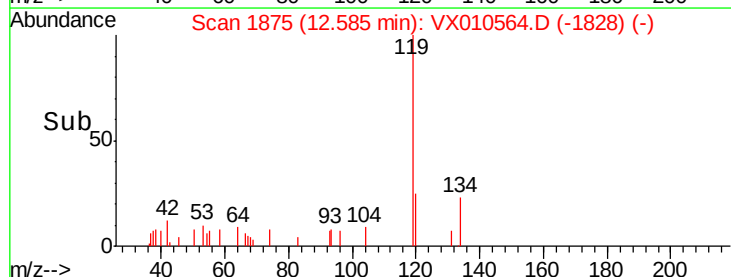
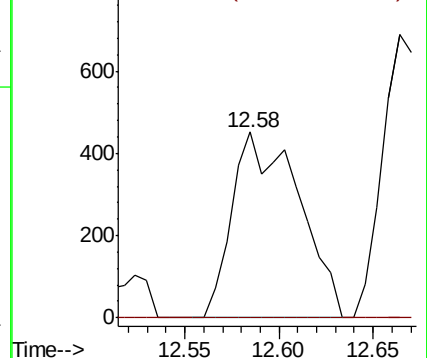
117 100

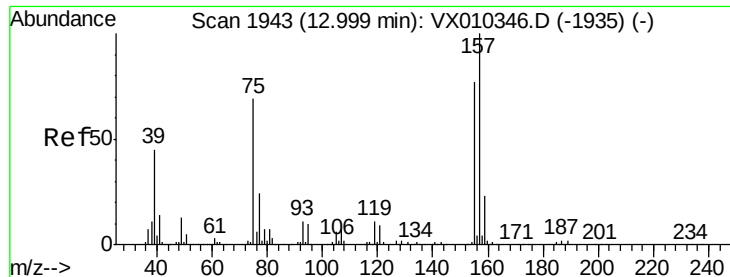
201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.233 ug/l

RT: 12.97 min Scan# 1938

Delta R.T. -0.03 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-17

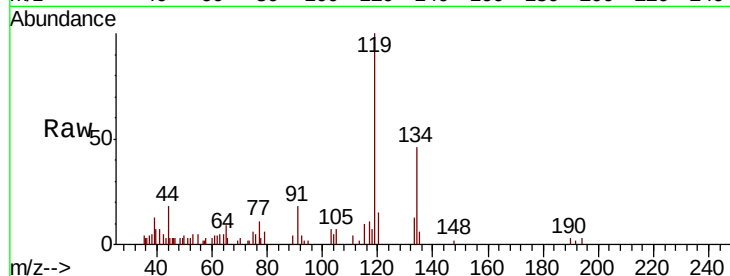
Tot Ion: 75 Resp: 194

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



Abundance Ion 74.90 (74.60 to 75.60): VX010564.D (-1935) (-)

Ion 154.80 (154.50 to 155.50): VX010564.D (-1935) (-)

Ion 156.80 (156.50 to 157.50): VX010564.D (-1935) (-)

12.97

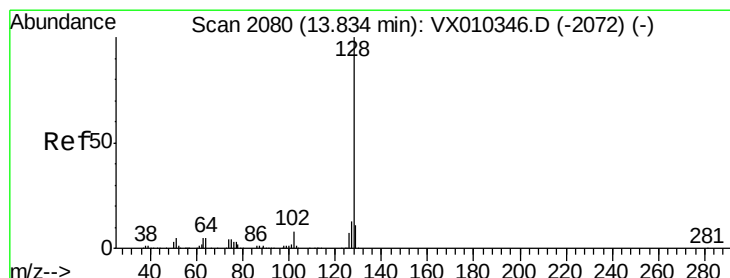
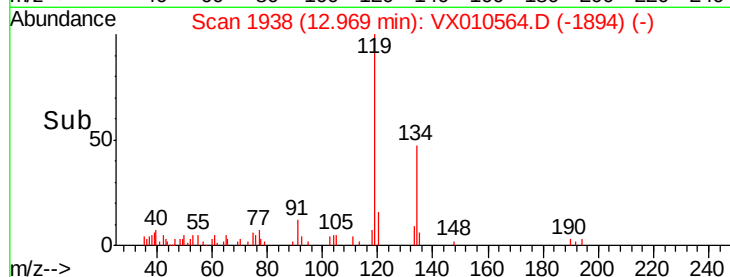
100

50

0

12.95 13.00

Time-->



#95

Naphthalene

Concen: 2.162 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

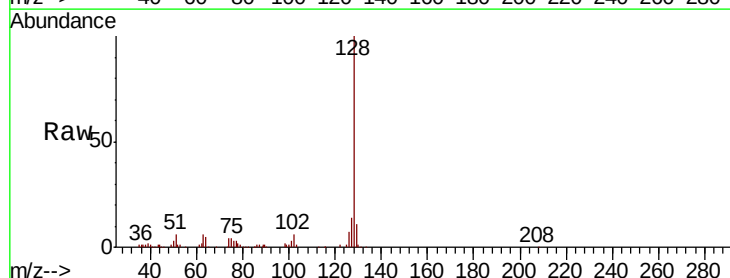
Tgt Ion:128 Resp: 26069

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VX010564.D (-2072) (-)

Ion 127.00 (126.70 to 127.70): VX010564.D (-2072) (-)

Ion 129.00 (128.70 to 129.70): VX010564.D (-2072) (-)

13.83

20000

15000

10000

5000

0

13.75 13.80 13.85 13.90

Time-->

