

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010362.D
 Acq On : 20 Jun 2019 17:11
 Operator : JC/SP
 Sample : K3469-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-061919

Quant Time: Jun 21 01:22:59 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	5.67	168	316201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	424356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	145864	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	5.50	113	145019	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
50) Toluene-d8	8.71	98	558019	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	187830	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	757	0.296	ug/l #	85
5) Bromomethane	1.65	94	607	0.444	ug/l #	67
6) Chloroethane	1.92	64	537	0.325	ug/l #	49
10) Methyl Iodide	2.52	142	807	0.210	ug/l #	69
11) Tert butyl alcohol	3.04	59	4532	5.842	ug/l #	85
13) Acrolein	2.27	56	493	0.958	ug/l #	1
14) Allyl chloride	2.60	41	2267	0.583	ug/l #	46
16) Acetone	2.45	43	12368	8.324	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	17475	2.027	ug/l #	77
25) 2-Butanone	4.69	43	568	0.261	ug/l	94
31) Cyclohexane	5.59	56	13205	3.084	ug/l	93
36) 1,1-Dichloropropene	5.66	75	19184	5.040	ug/l #	48
38) Carbon Tetrachloride	5.67	117	27559	6.686	ug/l #	14
39) Methylcyclohexane	7.46	83	8966	1.792	ug/l	92
48) Methyl methacrylate	7.73	41	1119	0.372	ug/l #	51
49) 1,4-Dioxane	7.76	88	25	0.288	ug/l #	1
52) Toluene	8.79	92	2759	0.353	ug/l	88
68) m/p-Xylenes	10.36	106	5440	0.965	ug/l	99
69) o-Xylene	10.70	106	1122	0.202	ug/l	87
73) Isopropylbenzene	11.02	105	89635	6.621	ug/l	100
74) N-amyl acetate	10.94	43	1068	0.209	ug/l #	41
76) 1,2,3-Trichloropropane	11.13	75	86760	23.838	ug/l #	33
78) n-propylbenzene	11.36	91	35904	2.413	ug/l	97
79) 2-Chlorotoluene	11.36	91	35904	4.052	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	86760	55.612	ug/l #	16
82) 4-Chlorotoluene	11.36	91	35904	3.561	ug/l #	42
83) tert-Butylbenzene	11.77	119	24609	2.197	ug/l	90
84) 1,2,4-Trimethylbenzene	11.66	105	14692	1.310	ug/l	79
85) sec-Butylbenzene	11.94	105	81037	6.161	ug/l	96
86) p-Isopropyltoluene	12.23	119	46037	3.784	ug/l	96
89) n-Butylbenzene	12.39	91	16757	1.621	ug/l	97
90) Hexachloroethane	12.67	117	14881	7.074	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2032	2.102	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

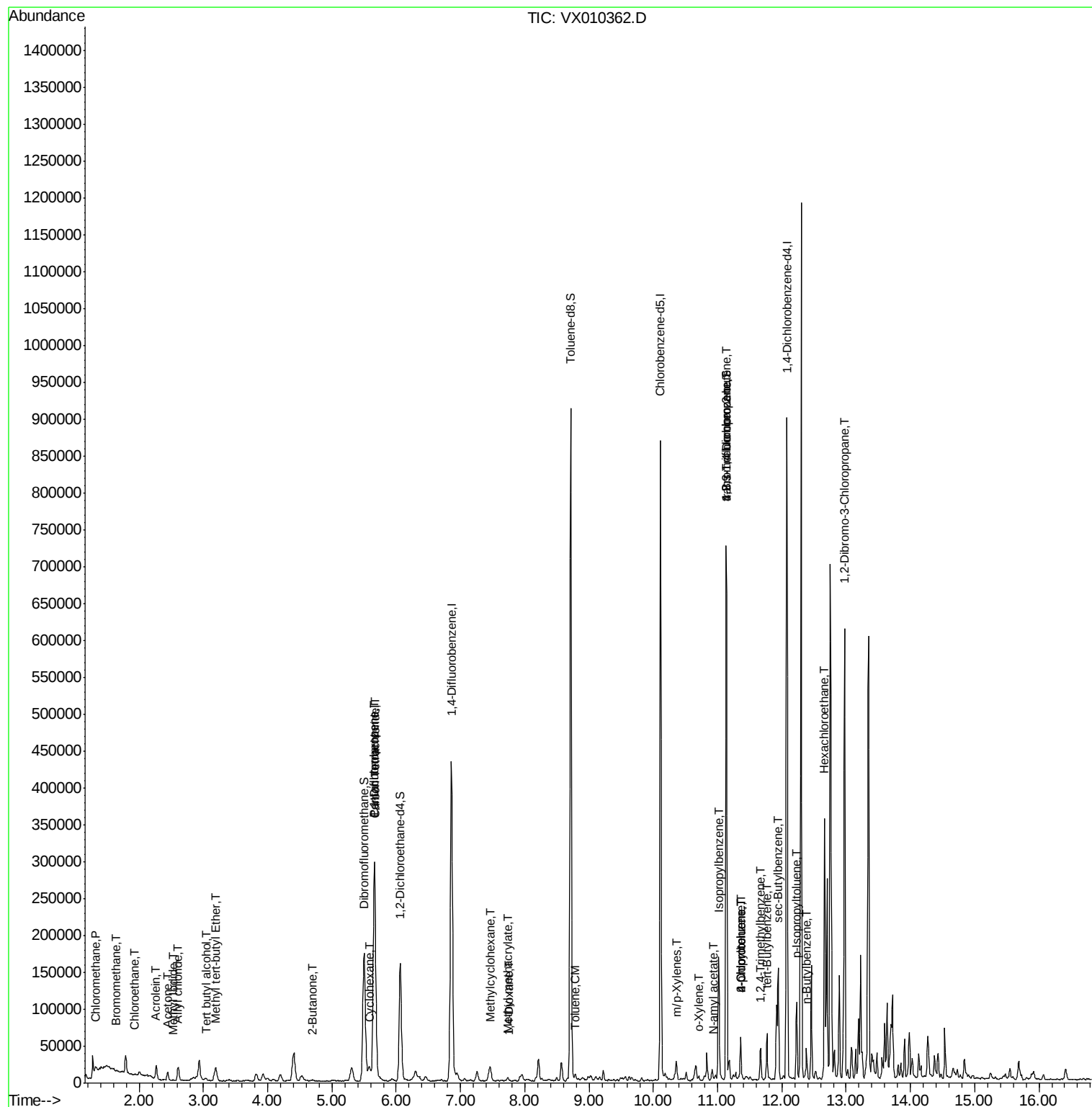
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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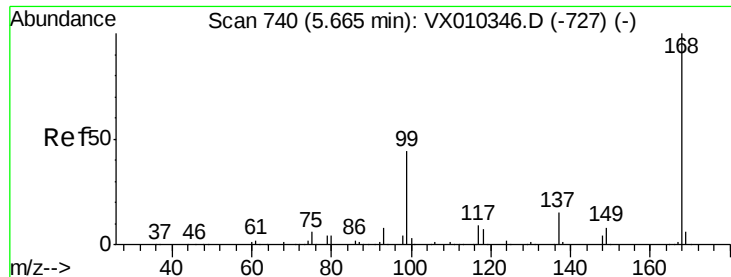
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

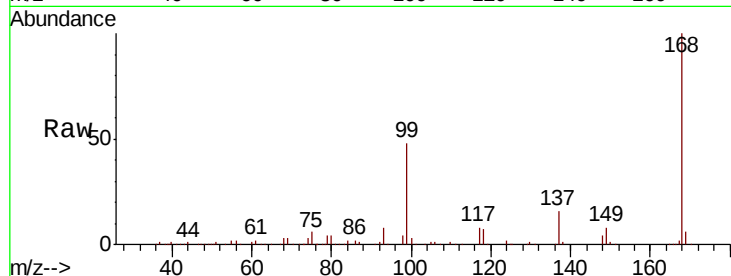
T3-MW-7-10.0-061919

Tot Ion:168 Resp: 316201

Ion Ratio Lower Upper

168 100

99 47.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

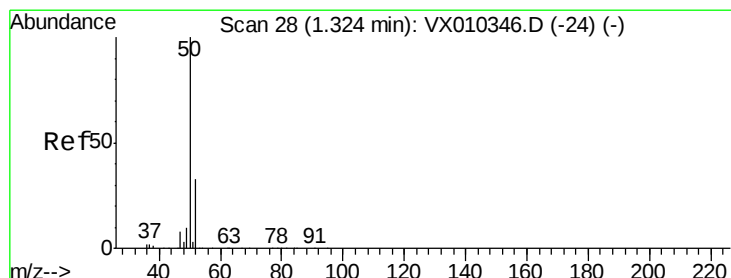
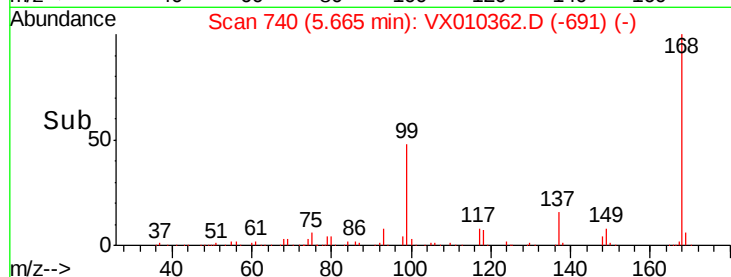
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.296 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010362.D

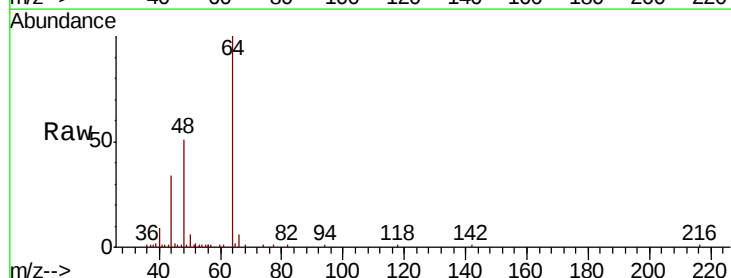
Acq: 20 Jun 2019 17:11

Tgt Ion: 50 Resp: 757

Ion Ratio Lower Upper

50 100

52 41.7 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

600

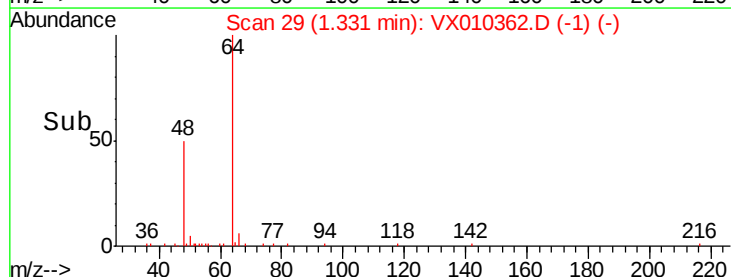
400

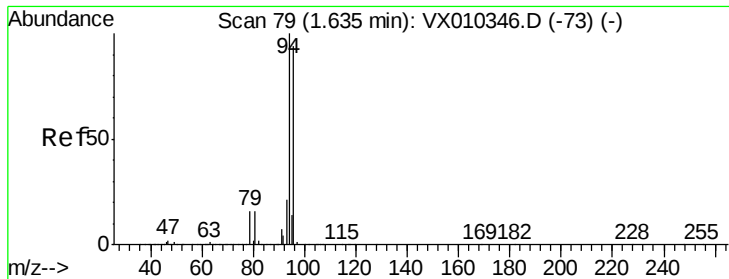
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.444 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

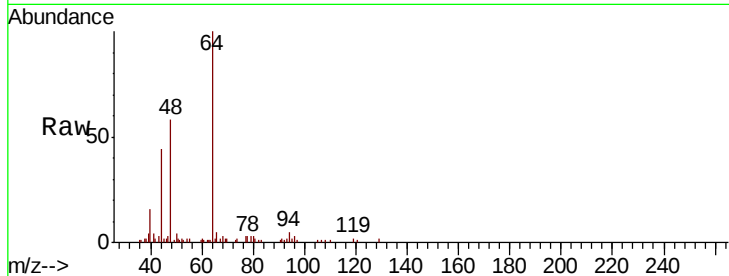
T3-MW-7-10.0-061919

Tot Ion: 94 Resp: 607

Ion Ratio Lower Upper

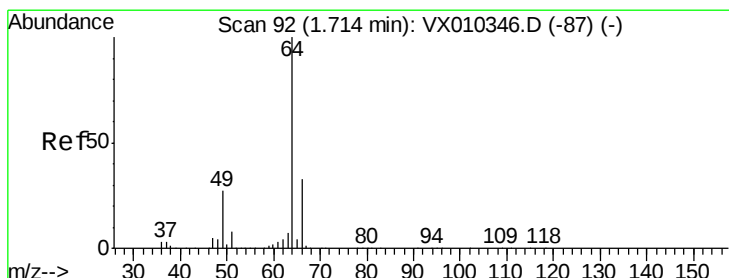
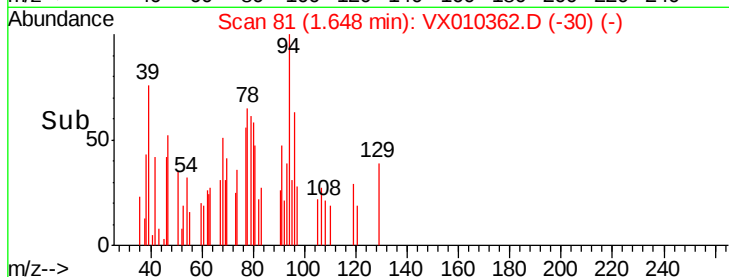
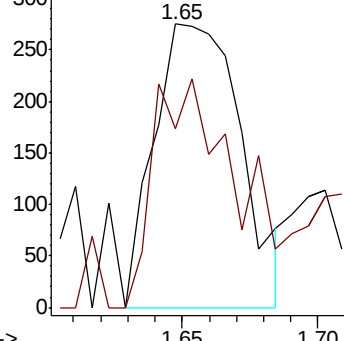
94 100

96 62.9 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.325 ug/l

RT: 1.92 min Scan# 126

Delta R.T. 0.21 min

Lab File: VX010362.D

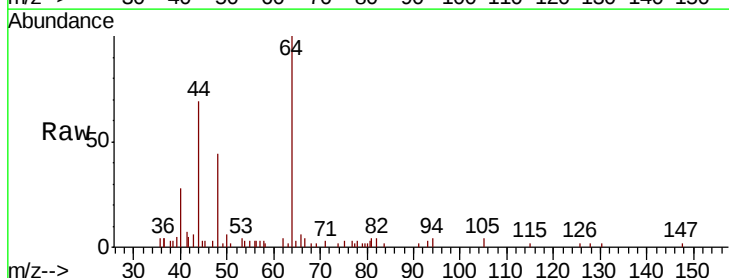
Acq: 20 Jun 2019 17:11

Tgt Ion: 64 Resp: 537

Ion Ratio Lower Upper

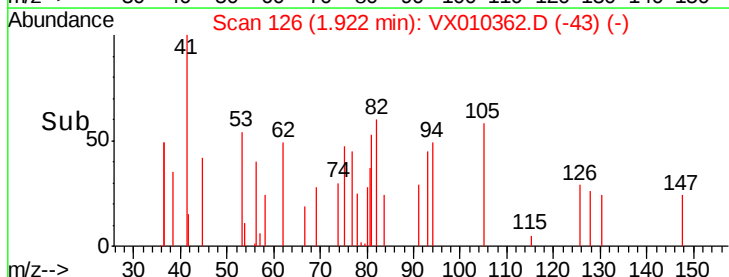
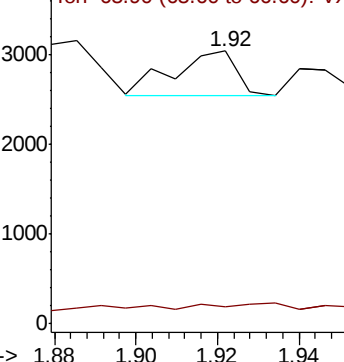
64 100

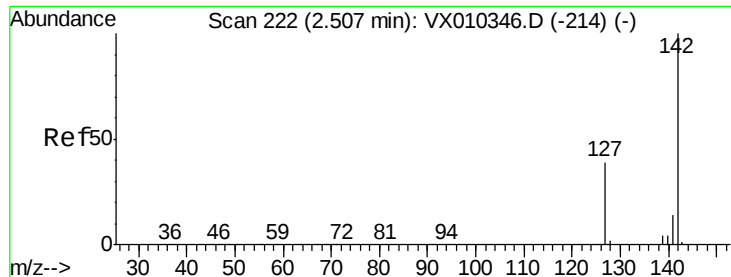
66 4.4 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

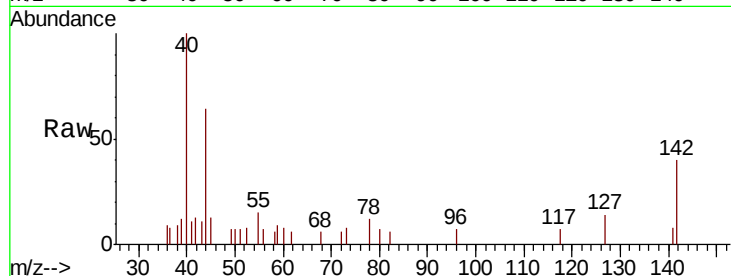




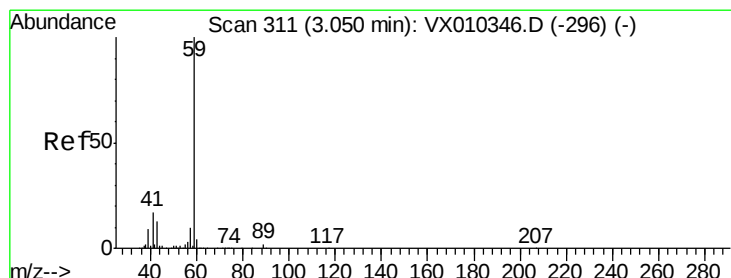
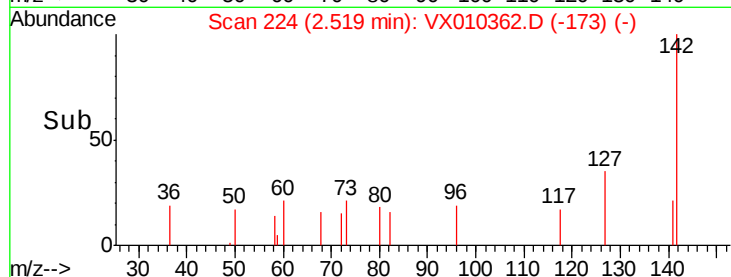
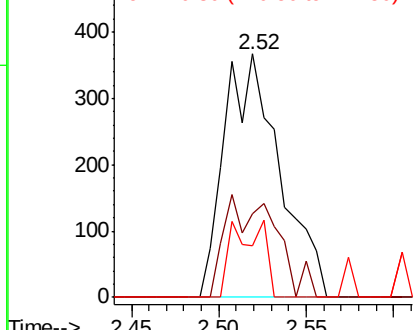
#10
Methvl Iodide
Concen: 0.210 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

Instrument :
MSVOA_X
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T3-MW-7-10.0-061919

Tot Ion:142 Resp: 807
Ion Ratio Lower Upper
142 100
127 15.1 31.1 46.7#
141 17.6 11.2 16.8#

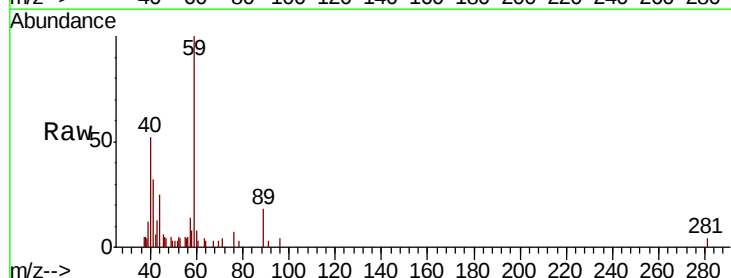


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

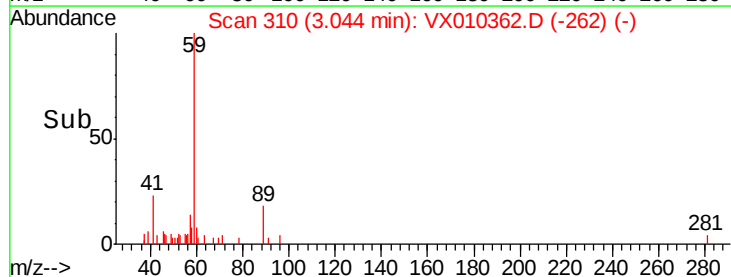
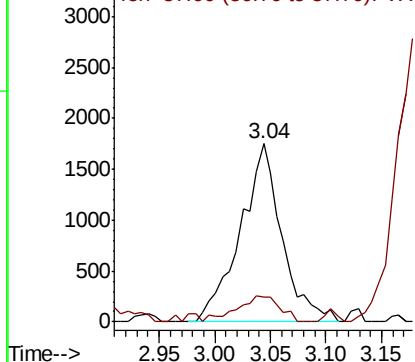


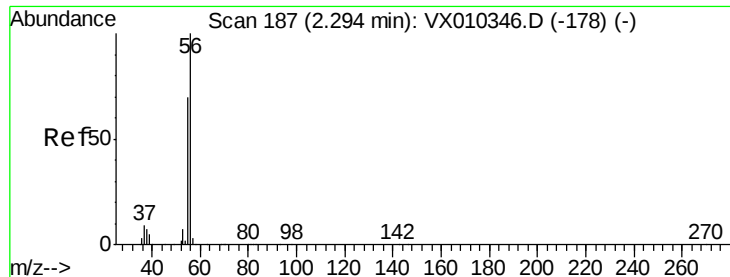
#11
Tert butyl alcohol
Concen: 5.842 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

Tgt Ion: 59 Resp: 4532
Ion Ratio Lower Upper
59 100
57 15.1 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: 0.958 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

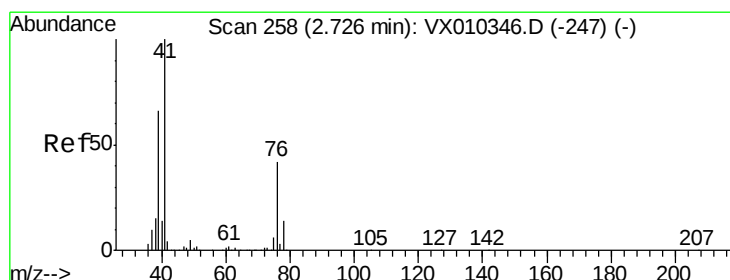
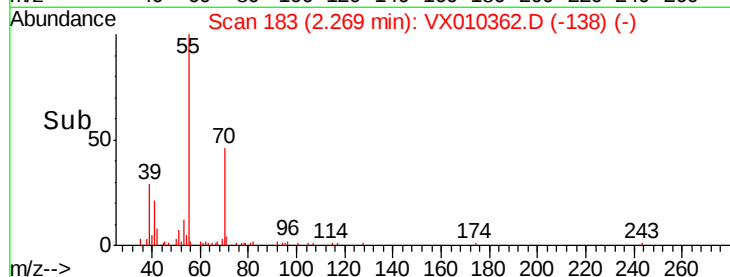
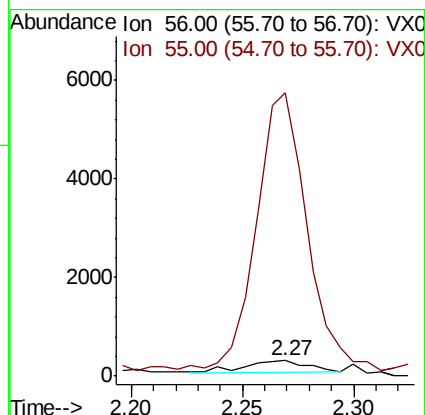
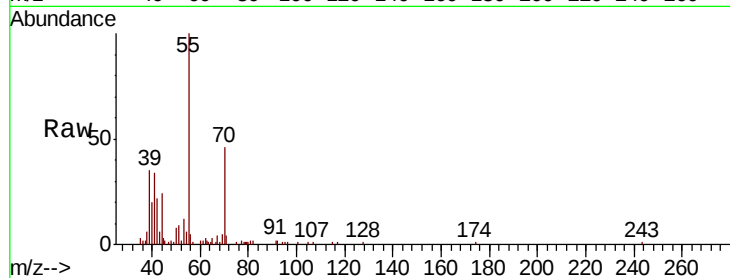
T3-MW-7-10.0-061919

Tot Ion: 56 Resp: 493

Ion Ratio Lower Upper

56 100

55 1970.6 56.9 85.3#



#14

Allyl chloride

Concen: 0.583 ug/l

RT: 2.60 min Scan# 238

Delta R.T. -0.12 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

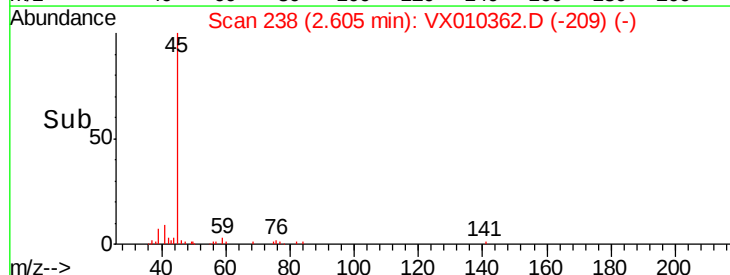
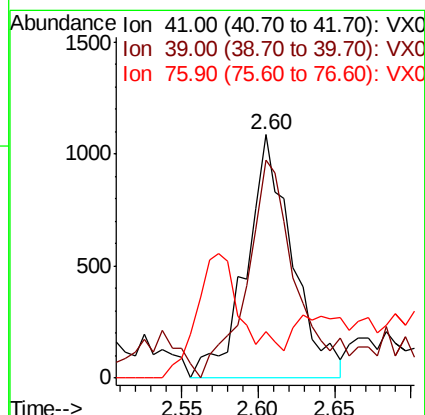
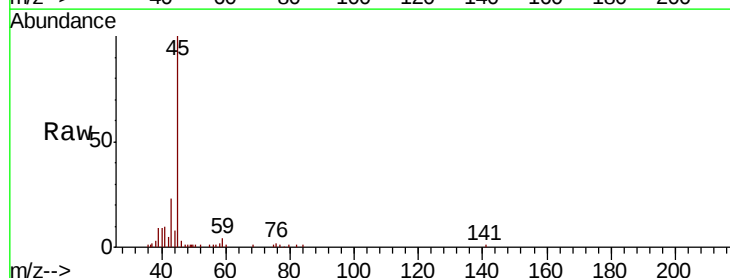
Tgt Ion: 41 Resp: 2267

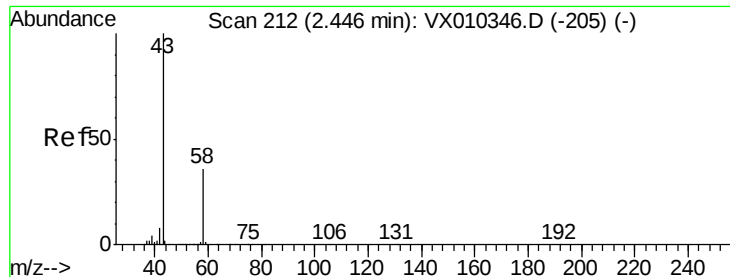
Ion Ratio Lower Upper

41 100

39 100.0 50.3 75.5#

76 0.0 31.3 46.9#





#16

Acetone

Concen: 8.324 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

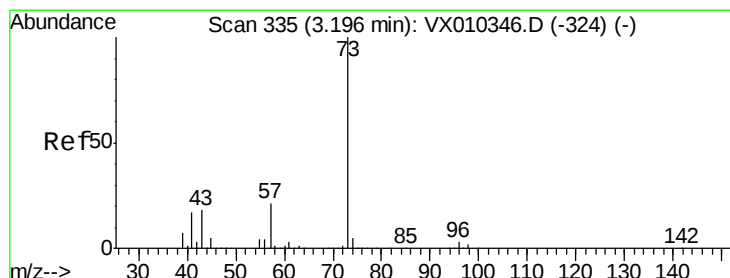
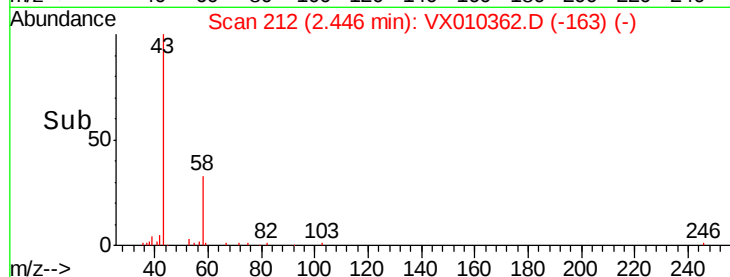
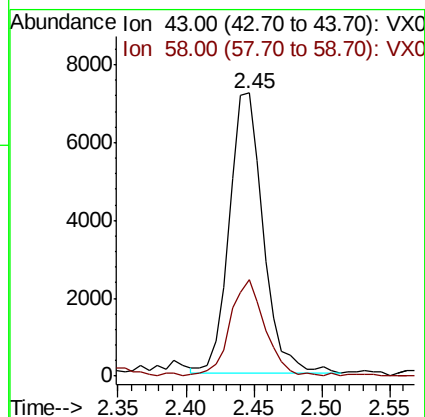
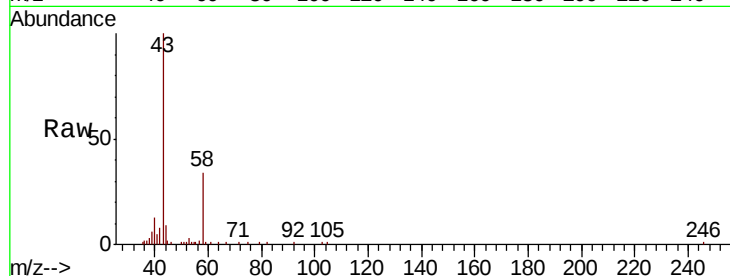
T3-MW-7-10.0-061919

Tot Ion: 43 Resp: 12368

Ion Ratio Lower Upper

43 100

58 34.6 28.9 43.3



#19

Methyl tert-butyl Ether

Concen: 2.027 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.00 min

Lab File: VX010362.D

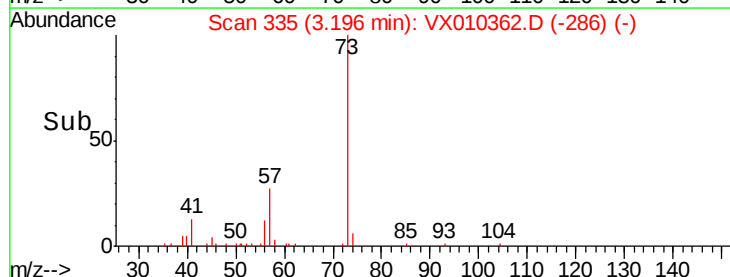
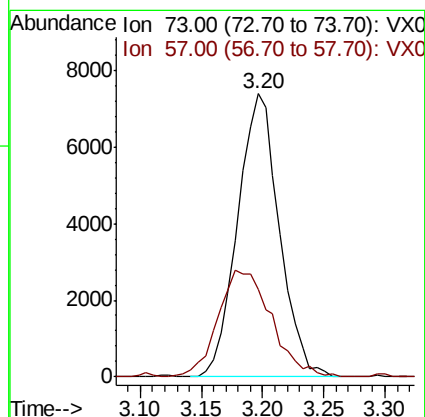
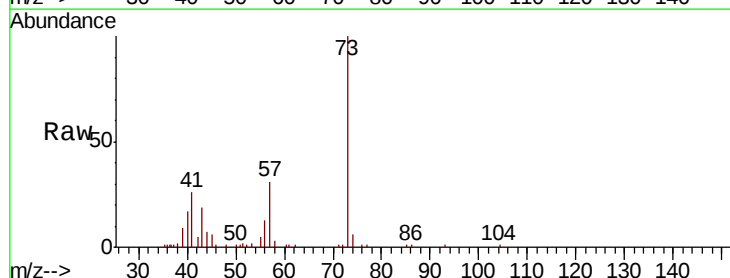
Acq: 20 Jun 2019 17:11

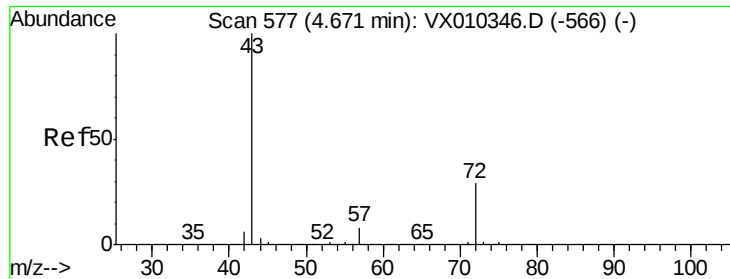
Tgt Ion: 73 Resp: 17475

Ion Ratio Lower Upper

73 100

57 31.0 16.4 24.6#





#25

2-Butanone

Concen: 0.261 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

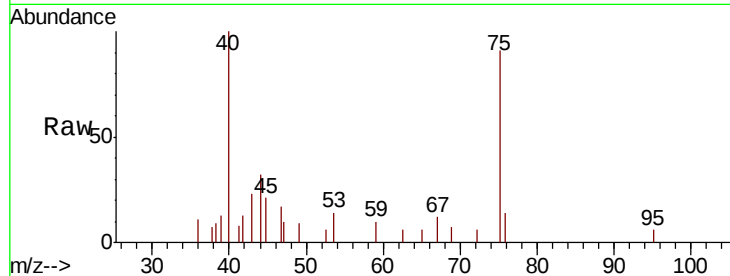
T3-MW-7-10.0-061919

Tot Ion: 43 Resp: 568

Ion Ratio Lower Upper

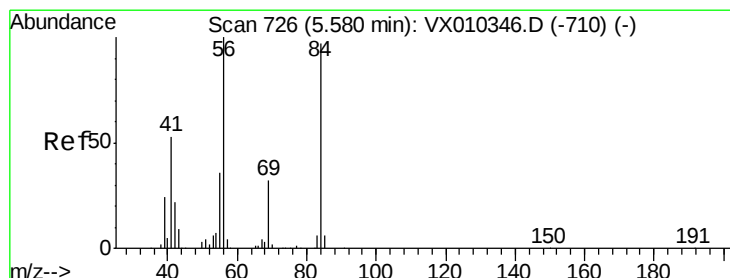
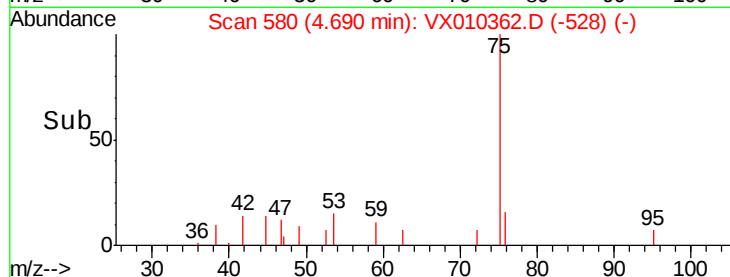
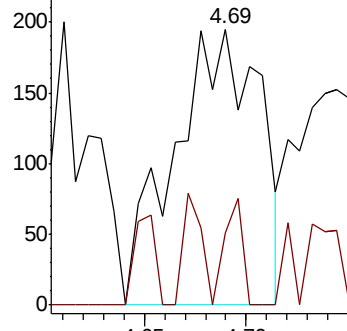
43 100

72 26.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 3.084 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

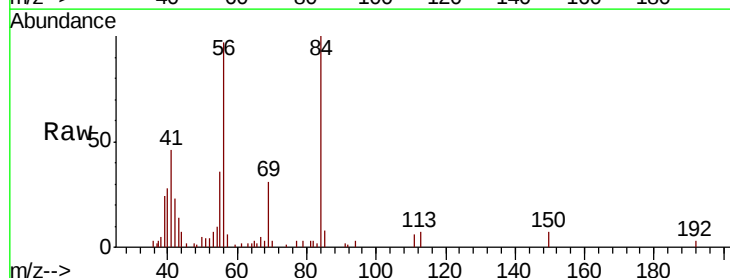
Tgt Ion: 56 Resp: 13205

Ion Ratio Lower Upper

56 100

69 27.0 25.9 38.9

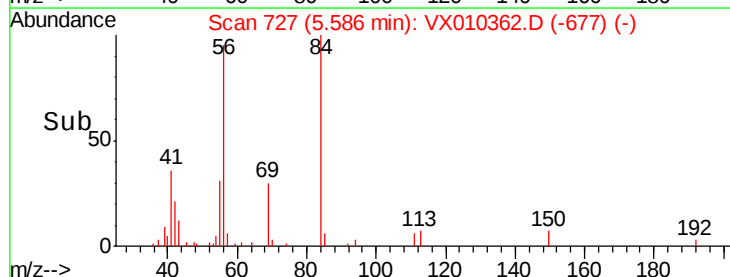
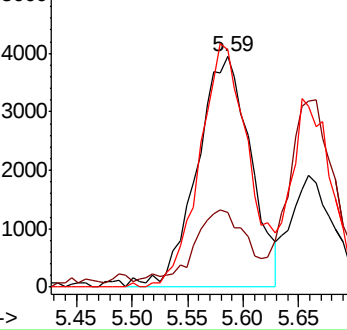
84 102.9 78.0 117.0

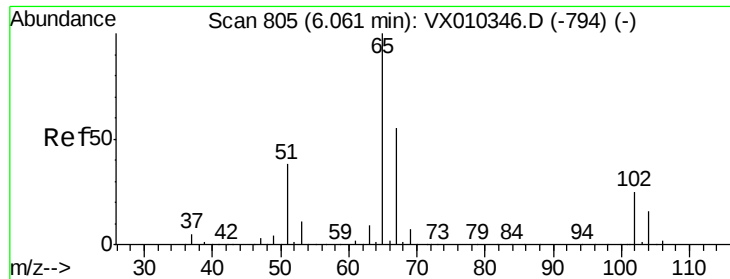


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.200 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

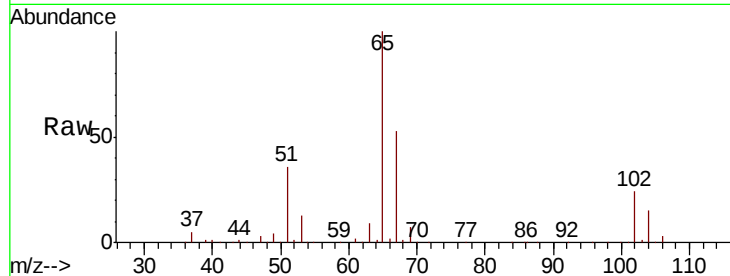
T3-MW-7-10.0-061919

Tot Ion: 65 Resp: 145864

Ion Ratio Lower Upper

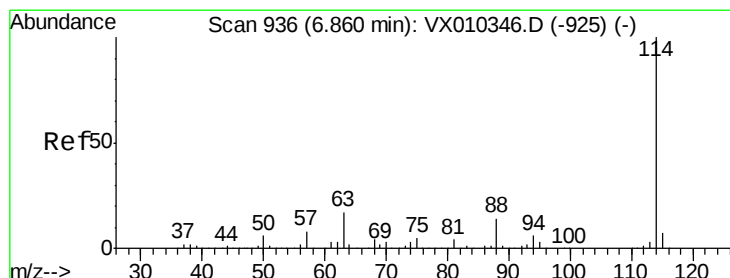
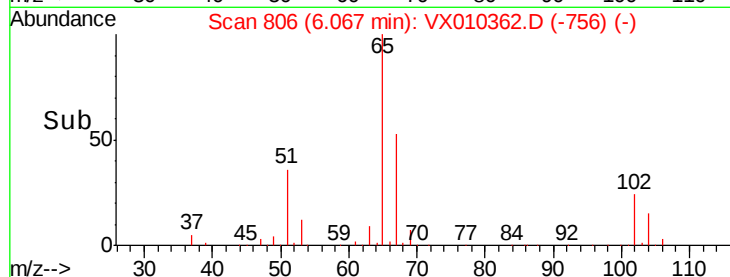
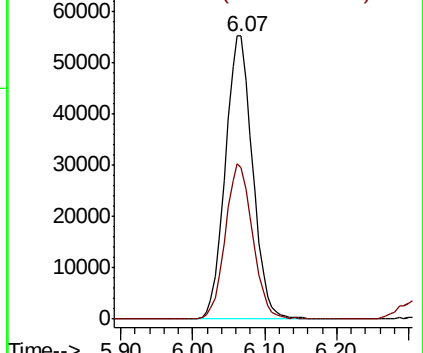
65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

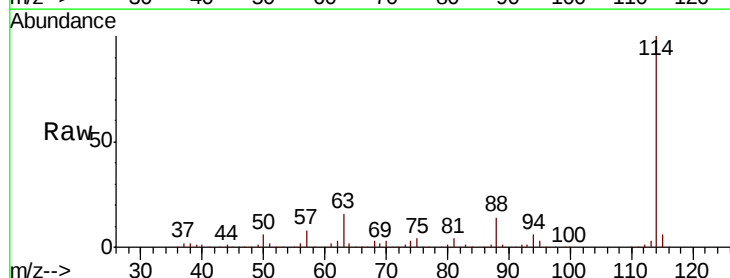
Tgt Ion:114 Resp: 479022

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.8

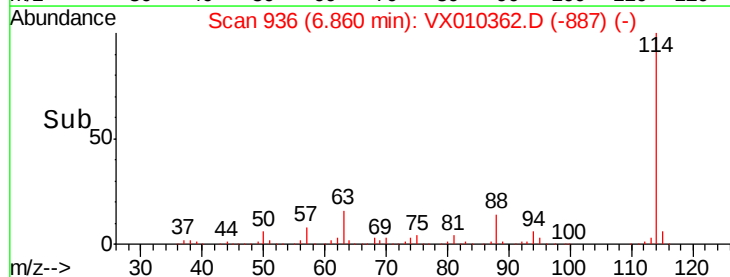
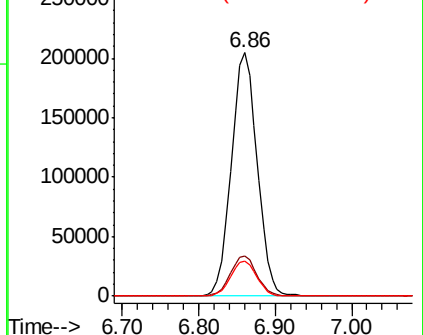
88 14.1 0.0 27.6

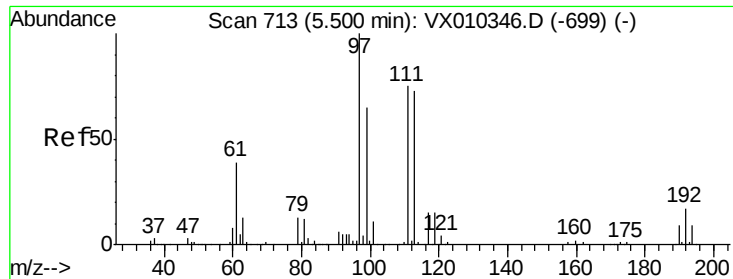


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

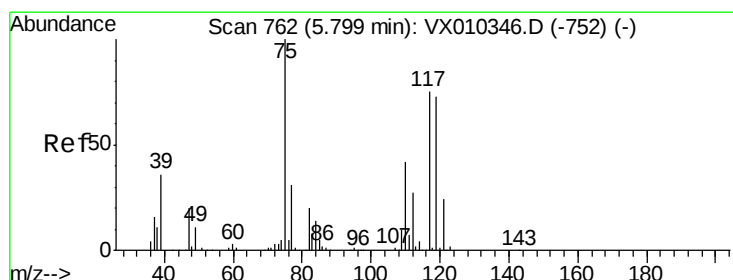
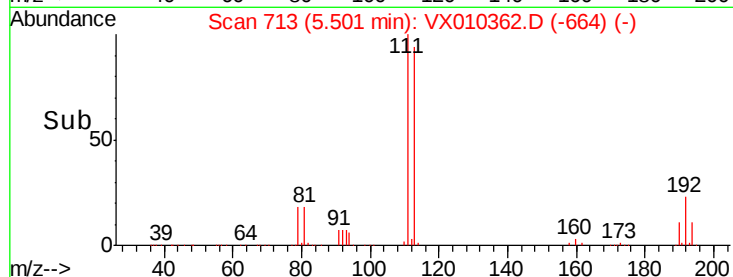
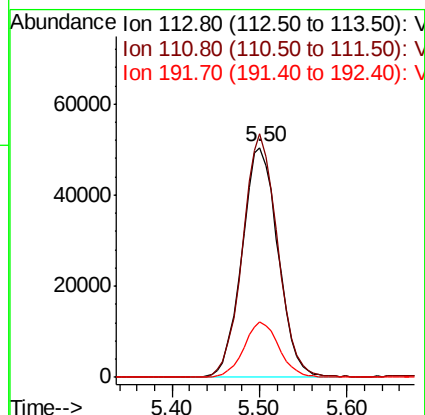
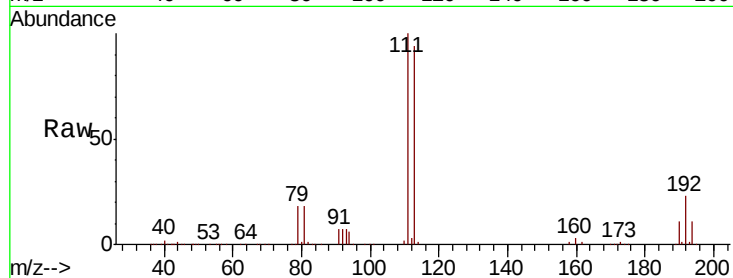




#35
 Dibromofluoromethane
 Concen: 49.481 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010362.D
 Acq: 20 Jun 2019 17:11

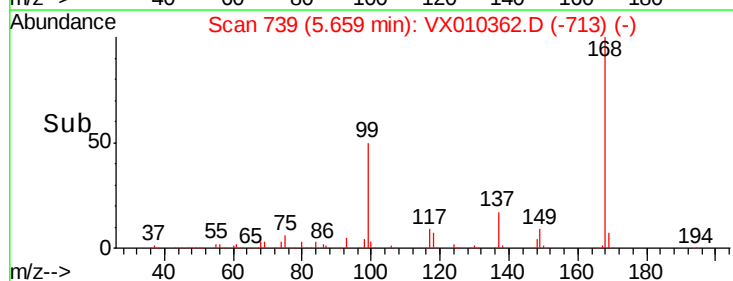
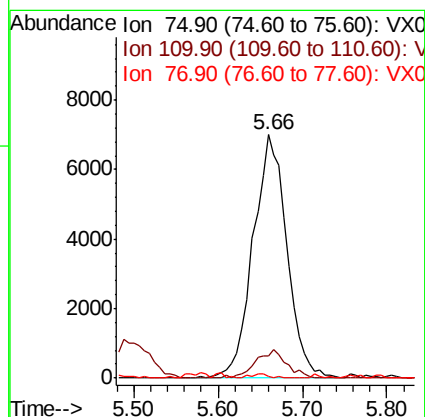
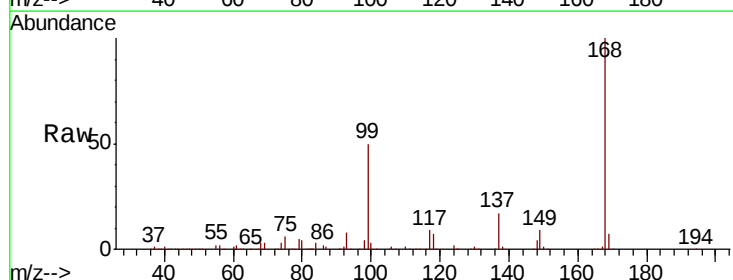
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-7-10.0-061919

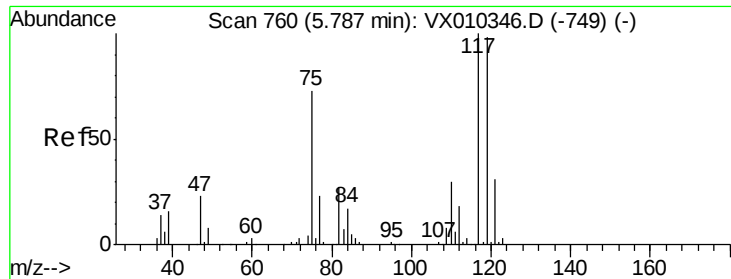
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	23.3	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 5.040 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010362.D
 Acq: 20 Jun 2019 17:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.8	62.2#
77	0.8	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 6.686 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.12 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-061919

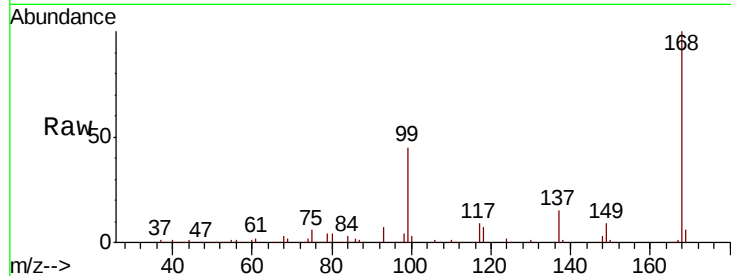
Tot Ion:117 Resp: 27559

Ion Ratio Lower Upper

117 100

119 4.0 78.2 117.4#

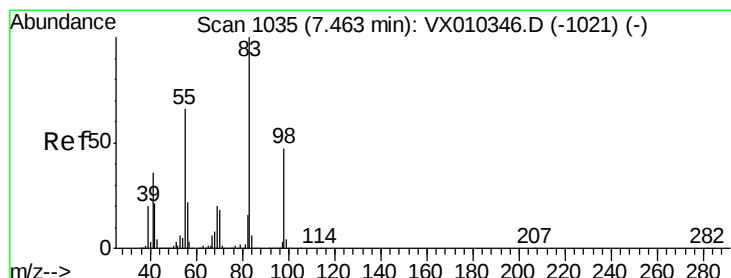
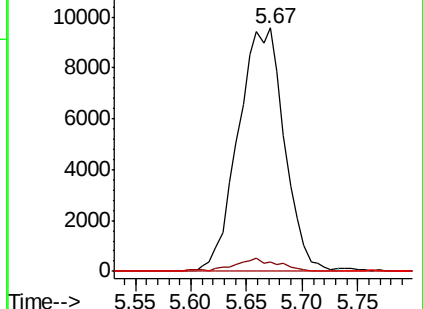
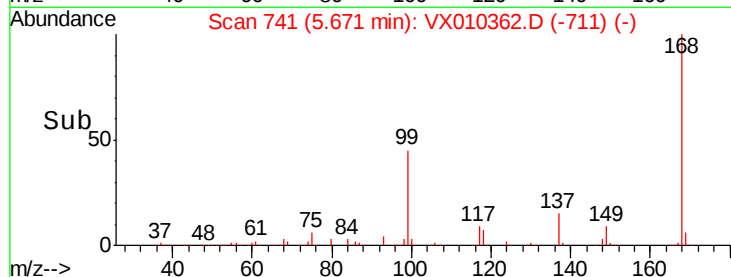
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 1.792 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

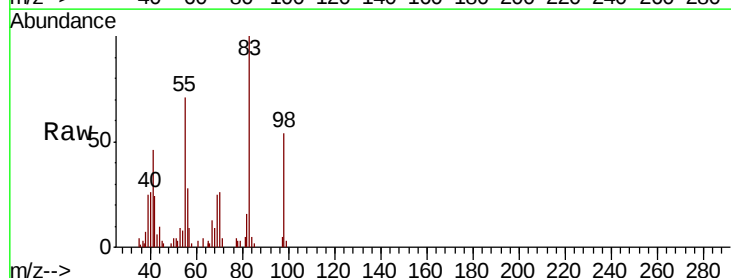
Tgt Ion: 83 Resp: 8966

Ion Ratio Lower Upper

83 100

55 71.2 53.0 79.6

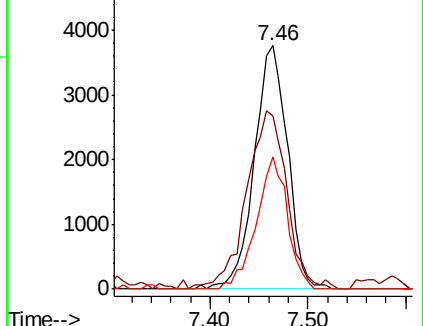
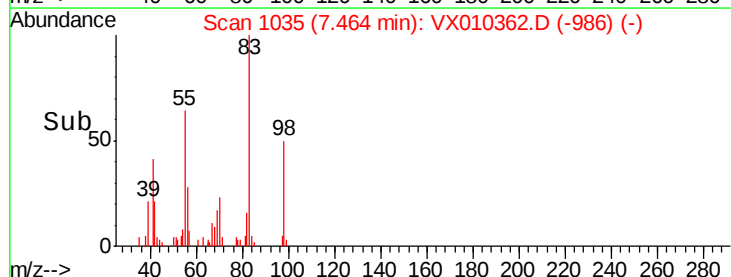
98 54.5 37.8 56.8

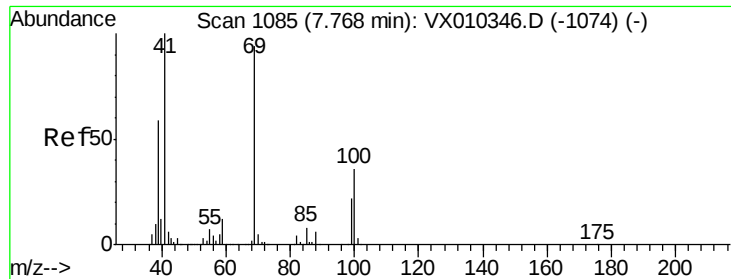


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

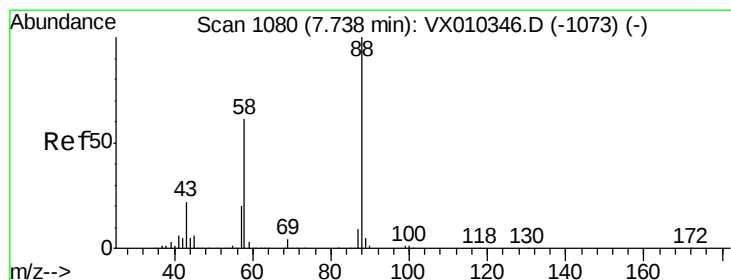
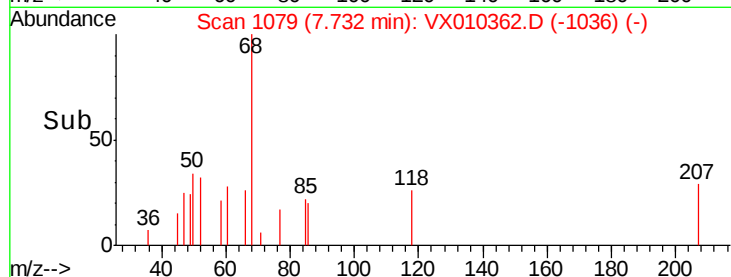
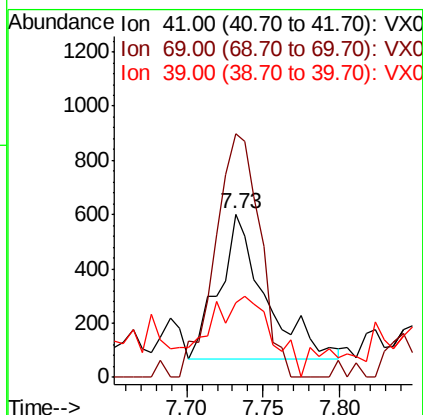
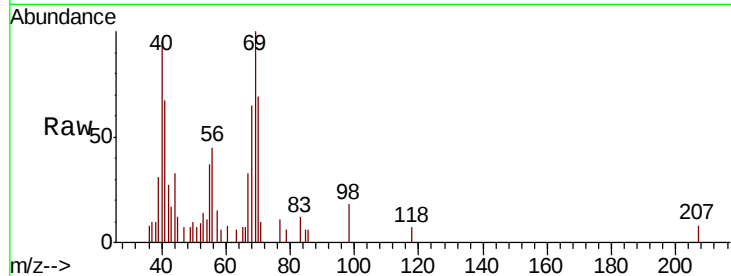




#48
Methyl methacrylate
Concen: 0.372 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

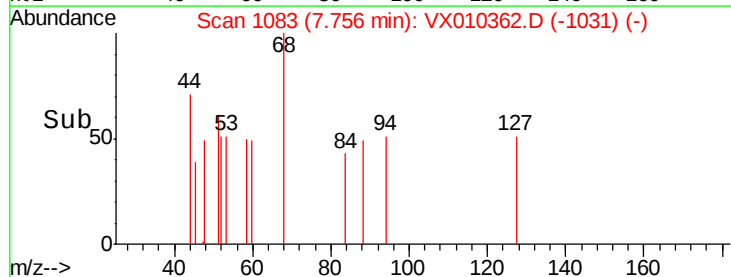
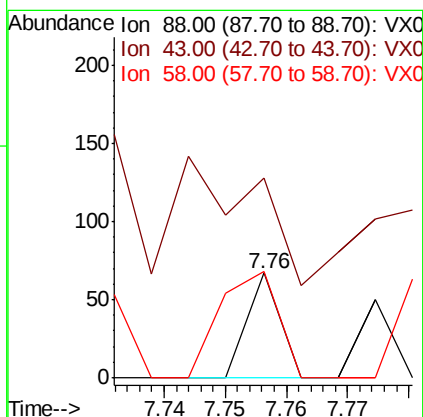
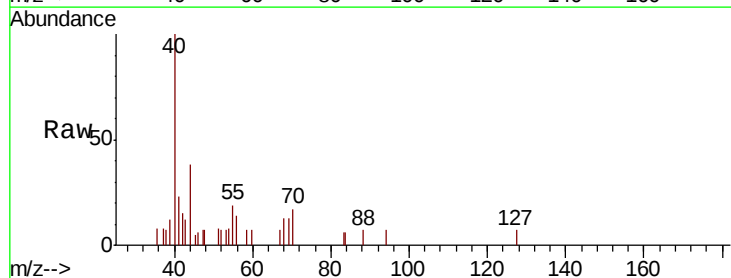
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-061919

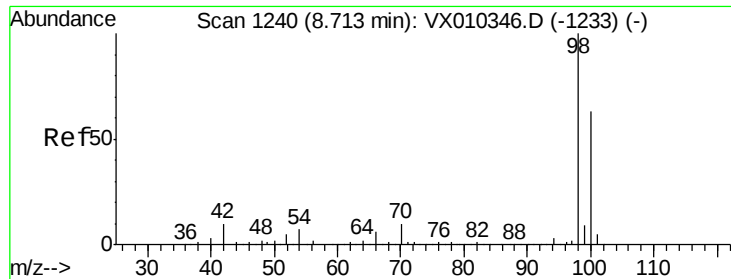
Tot Ion: 41 Resp: 1119
Ion Ratio Lower Upper
41 100
69 162.6 76.1 114.1#
39 72.7 47.6 71.4#



#49
1,4-Dioxane
Concen: 0.288 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 180.0 49.5 74.3#

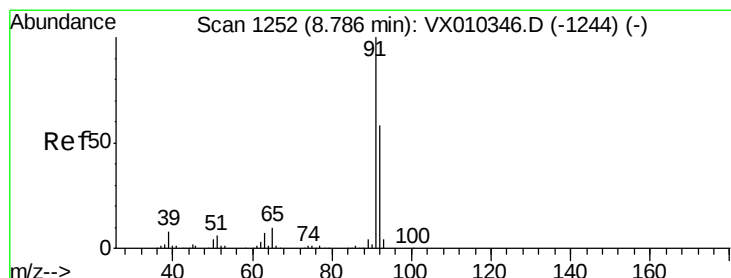
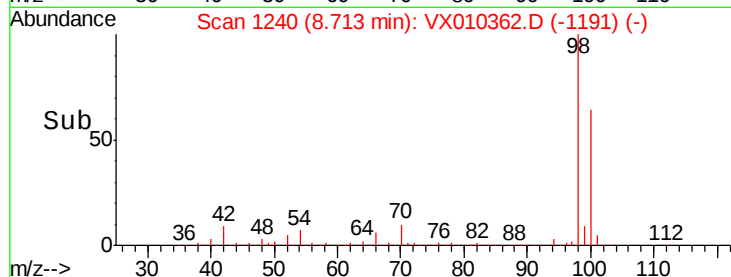
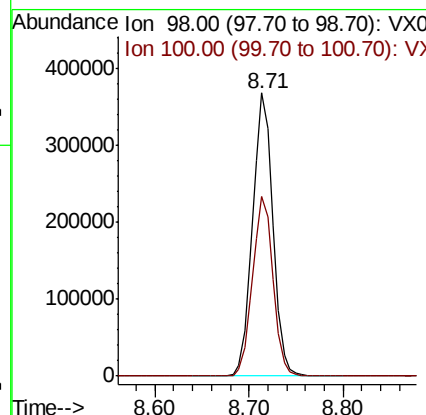
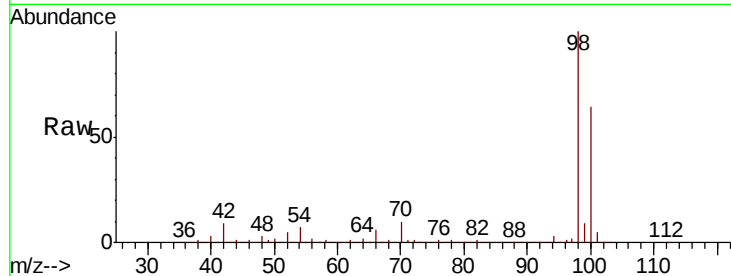




#50
Toluene-d8
Concen: 49.766 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

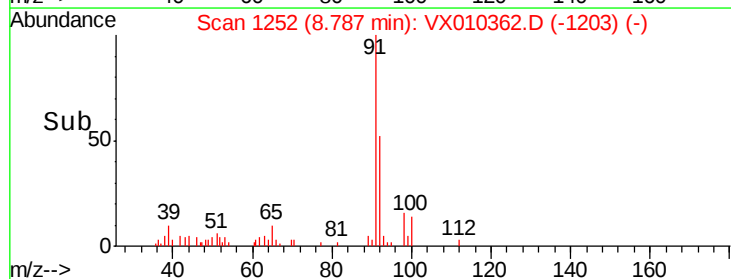
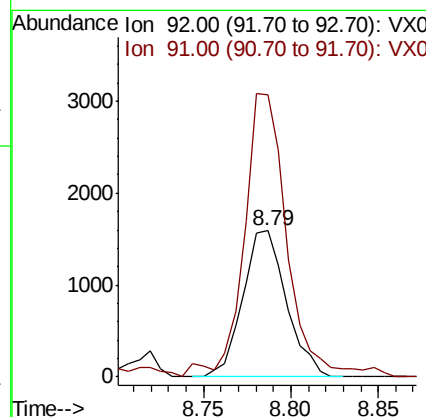
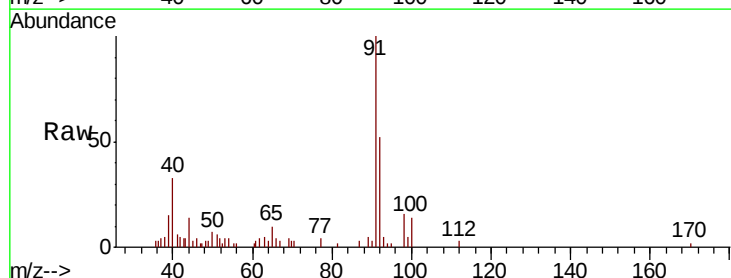
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-061919

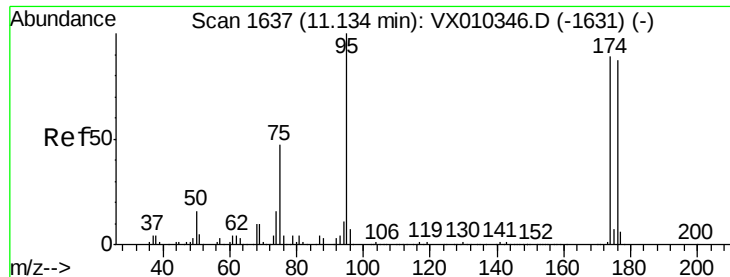
Tot Ion: 98 Resp: 558019
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#52
Toluene
Concen: 0.353 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

Tgt Ion: 92 Resp: 2759
Ion Ratio Lower Upper
92 100
91 191.8 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 46.399 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-061919

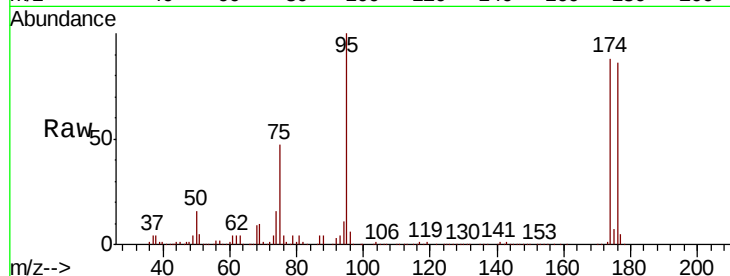
Tot Ion: 95 Resp: 187830

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.6

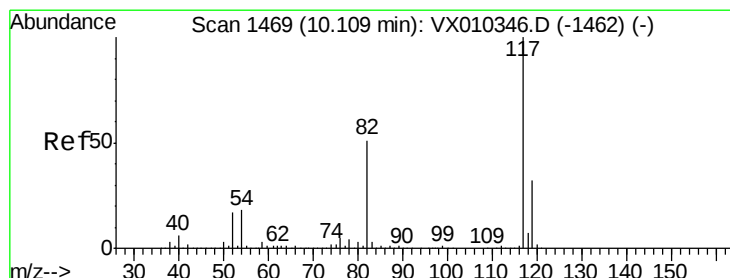
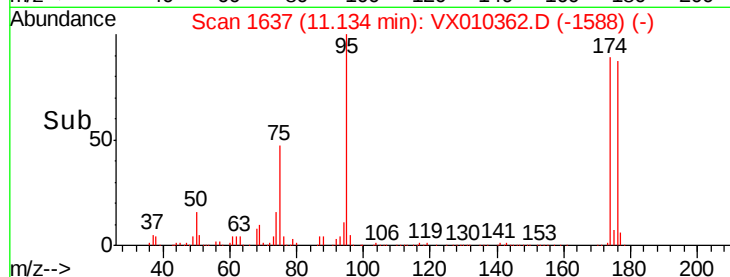
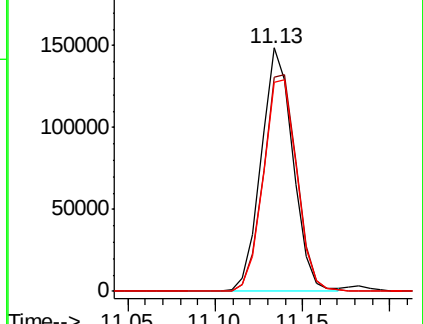
176 91.5 0.0 184.0



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: VX010362.D

Acq: 20 Jun 2019 17:11

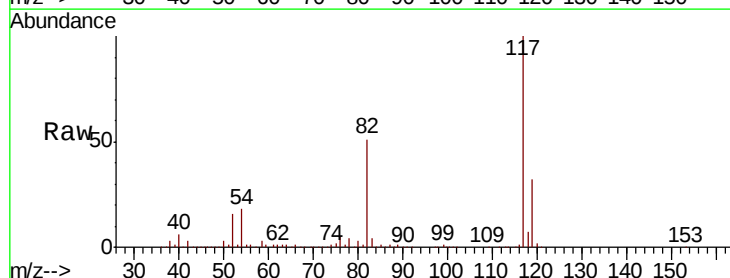
Tgt Ion: 117 Resp: 424356

Ion Ratio Lower Upper

117 100

82 50.6 41.2 61.8

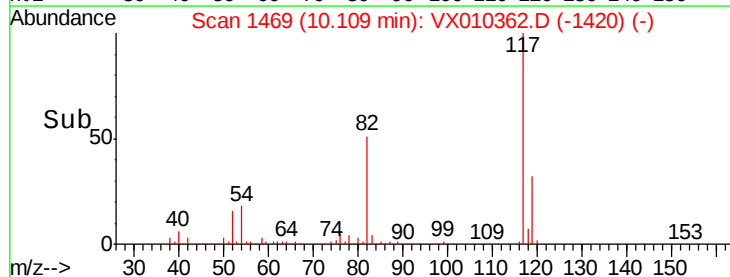
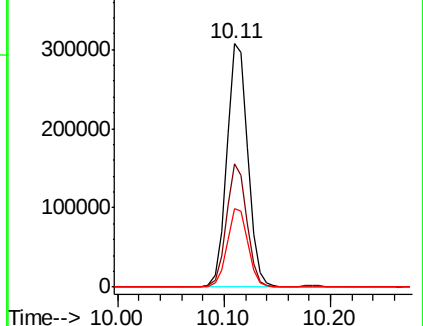
119 32.4 25.5 38.3

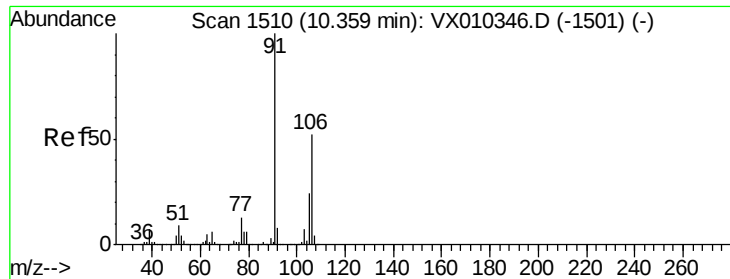


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

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

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

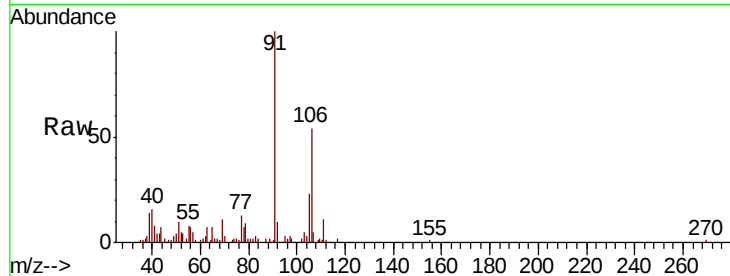




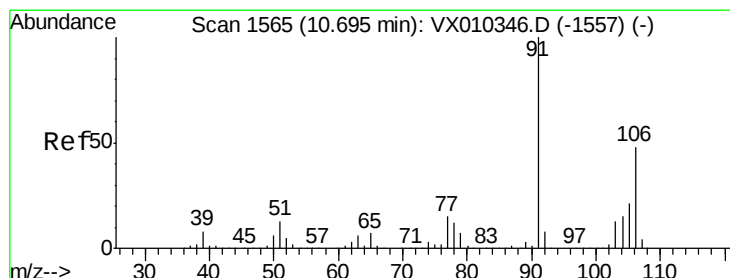
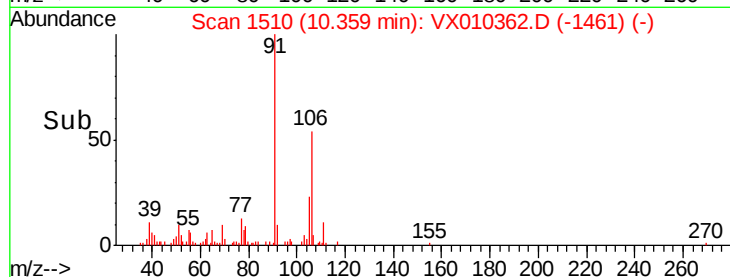
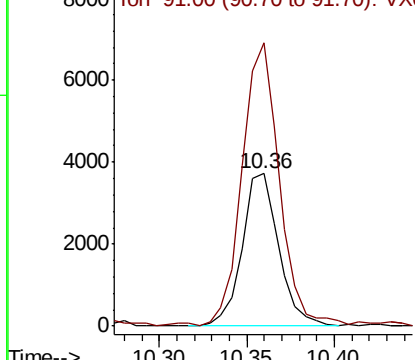
#68
m/p-Xylenes
Concen: 0.965 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-061919

Tot Ion:106 Resp: 5440
Ion Ratio Lower Upper
106 100
91 191.9 155.3 232.9

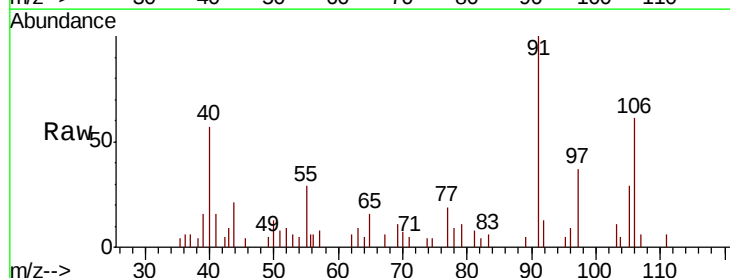


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

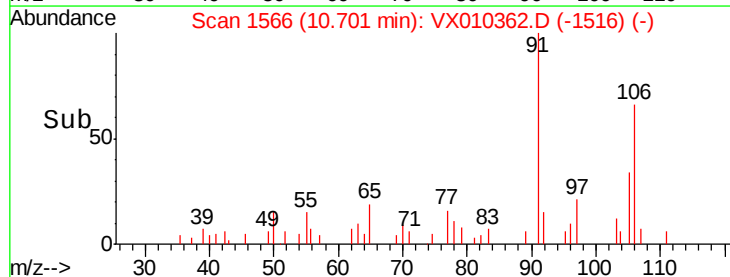
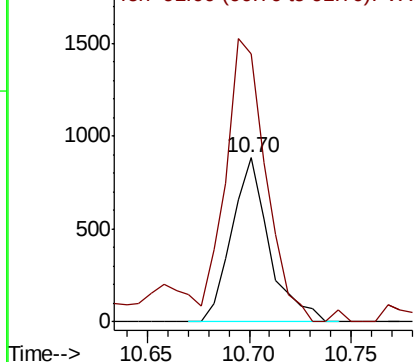


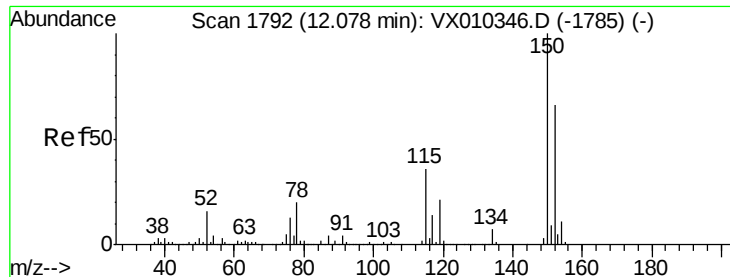
#69
o-Xylene
Concen: 0.202 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

Tgt Ion:106 Resp: 1122
Ion Ratio Lower Upper
106 100
91 184.9 102.7 308.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-061919

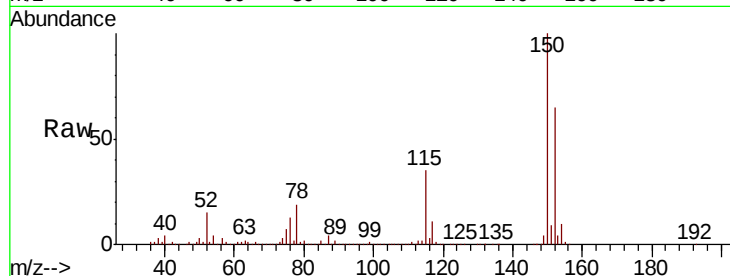
Tot Ion:152 Resp: 199725

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

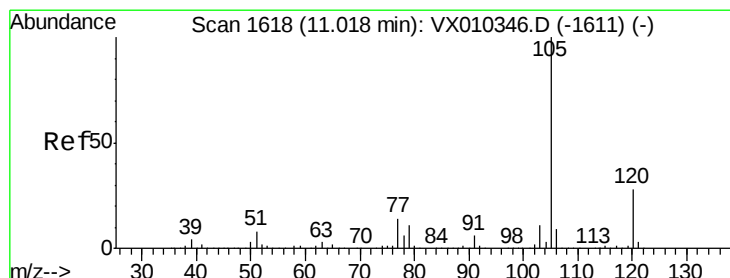
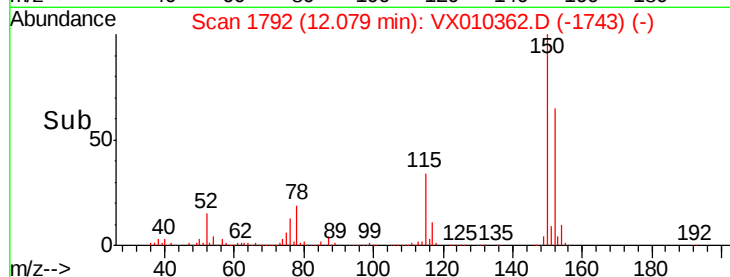
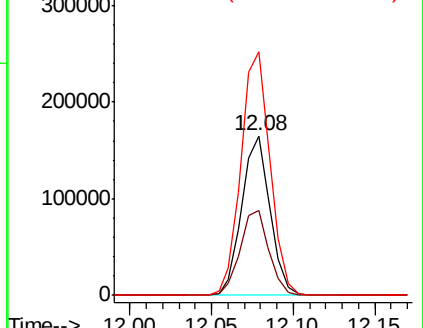
150 156.9 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 6.621 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010362.D

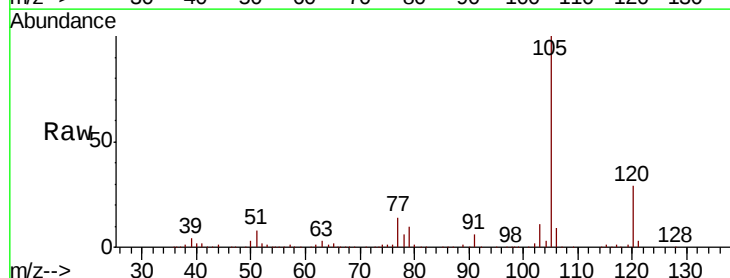
Acq: 20 Jun 2019 17:11

Tgt Ion:105 Resp: 89635

Ion Ratio Lower Upper

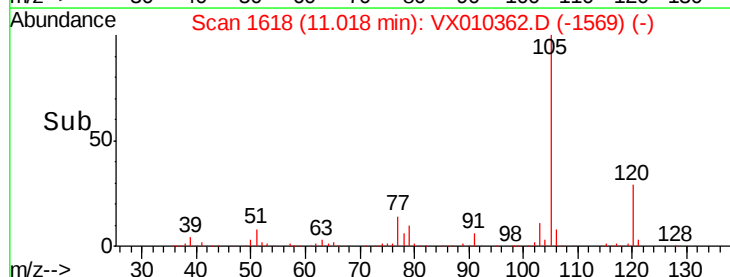
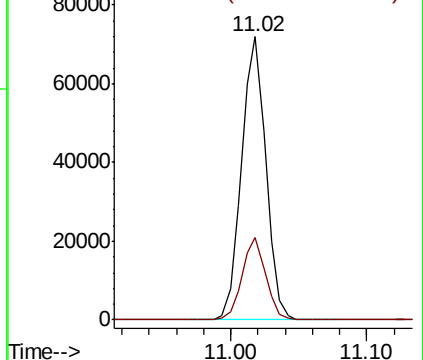
105 100

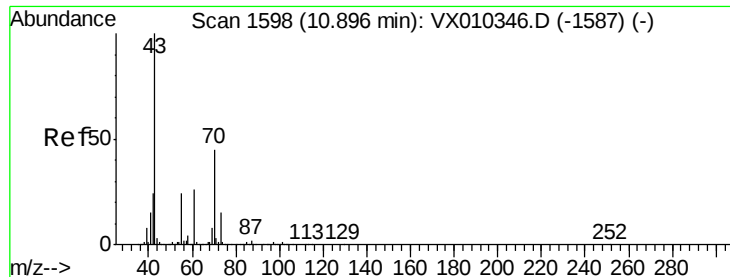
120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.209 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.05 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-061919

Tot Ion: 43 Resp: 1068

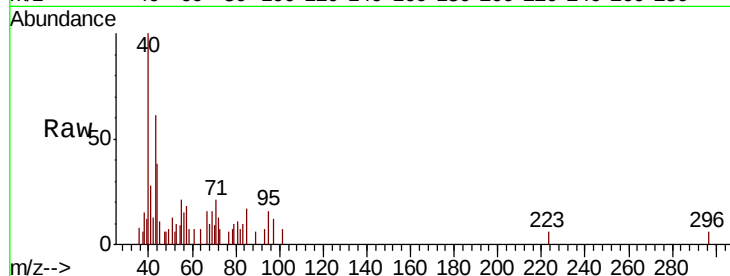
Ion Ratio Lower Upper

43 100

70 0.0 36.6 54.8#

55 0.0 18.7 28.1#

61 0.0 20.6 31.0#

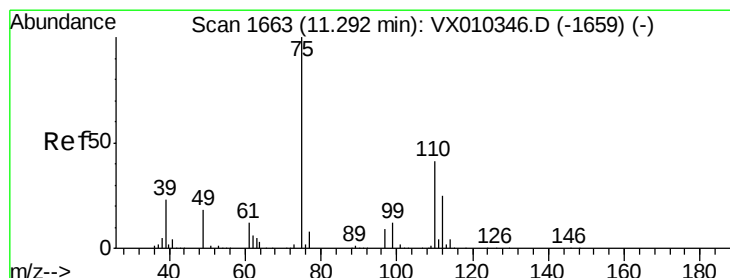
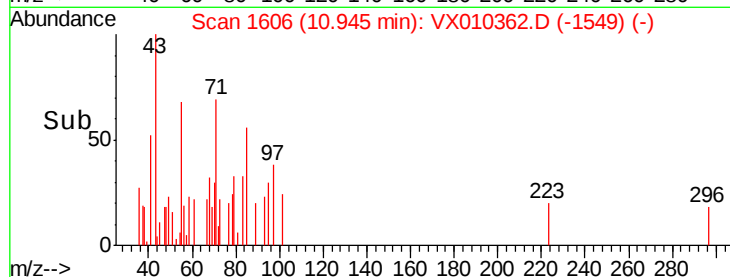
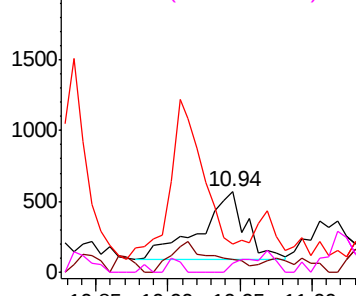


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.838 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010362.D

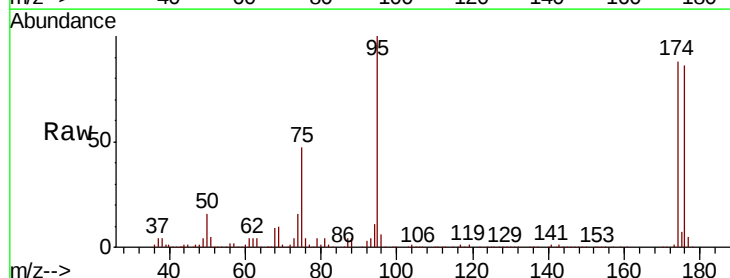
Acq: 20 Jun 2019 17:11

Tgt Ion: 75 Resp: 86760

Ion Ratio Lower Upper

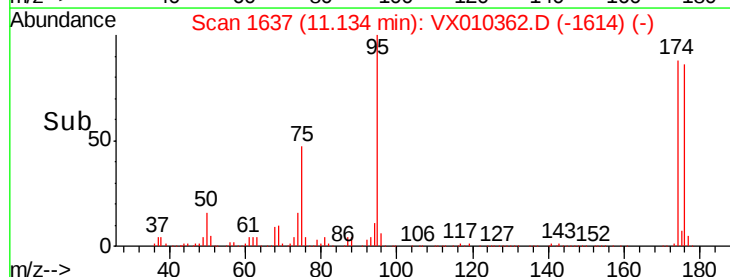
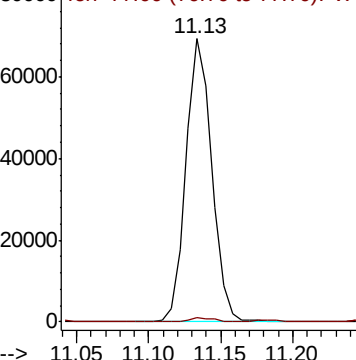
75 100

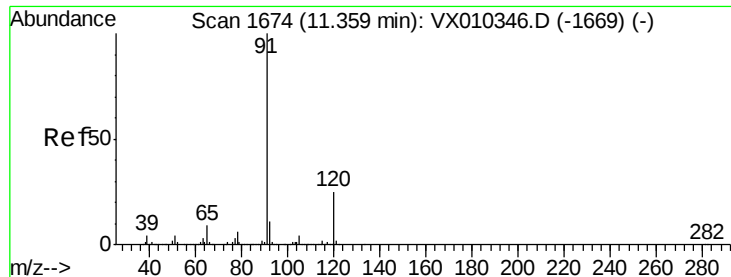
77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.413 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

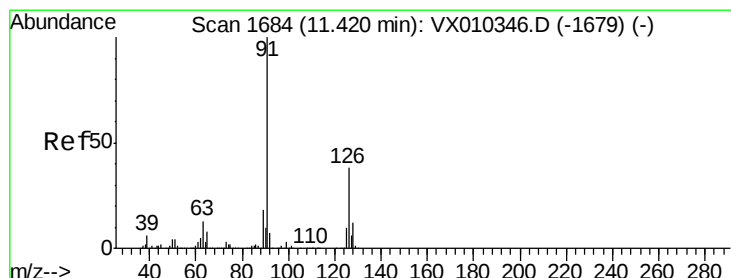
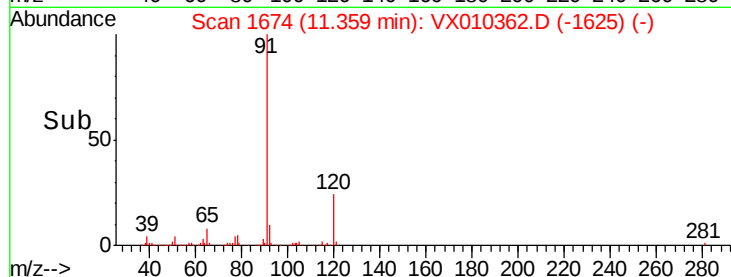
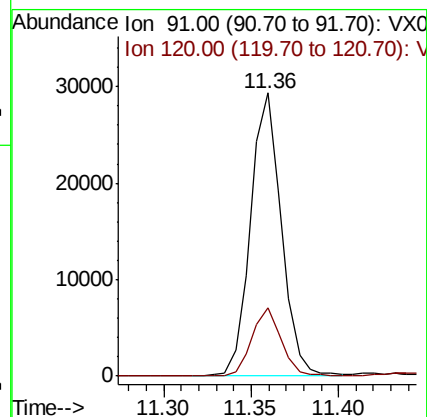
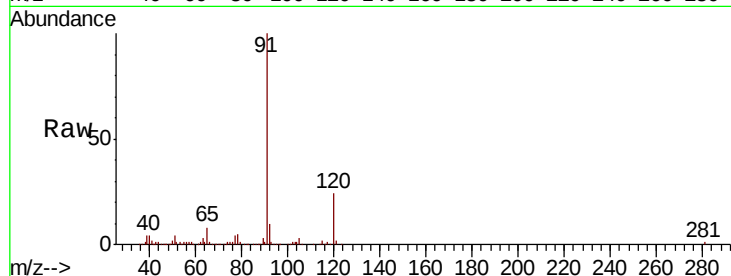
T3-MW-7-10.0-061919

Tot Ion: 91 Resp: 35904

Ion Ratio Lower Upper

91 100

120 23.3 12.4 37.4



#79

2-Chlorotoluene

Concen: 4.052 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010362.D

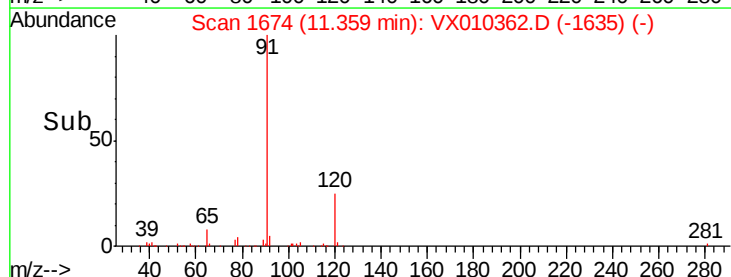
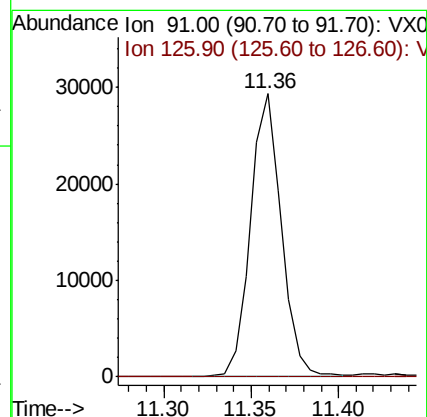
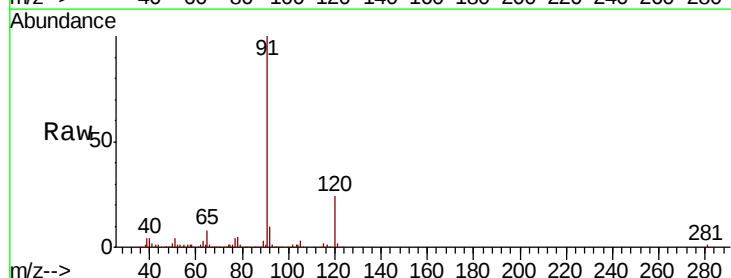
Acq: 20 Jun 2019 17:11

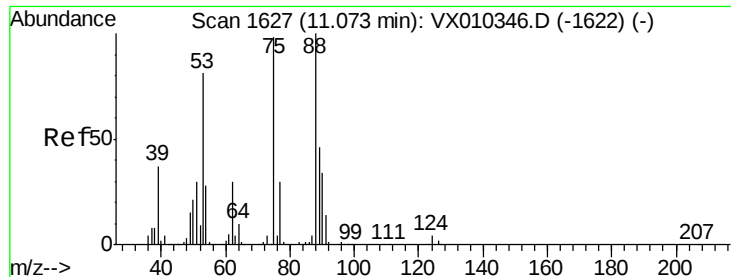
Tgt Ion: 91 Resp: 35904

Ion Ratio Lower Upper

91 100

126 0.1 18.7 56.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 55.612 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-061919

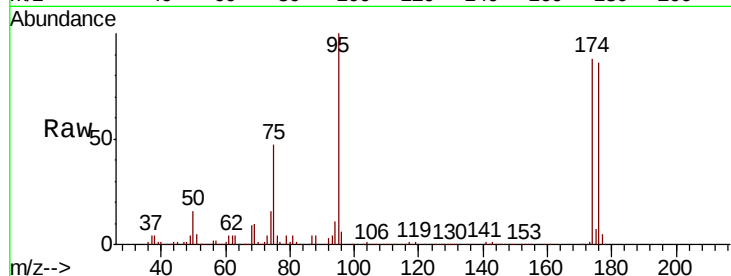
Tot Ion: 75 Resp: 86760

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

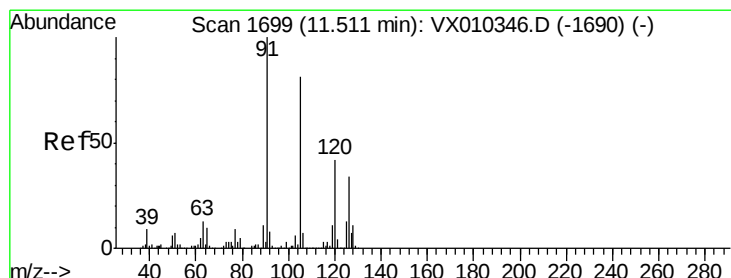
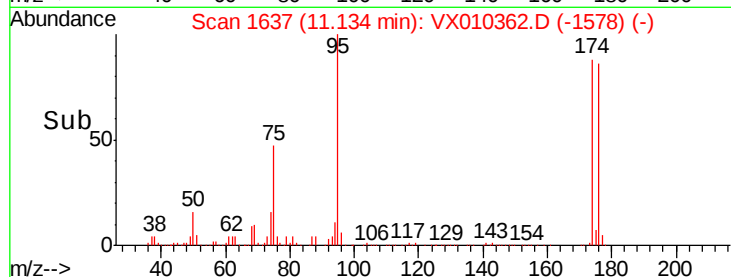
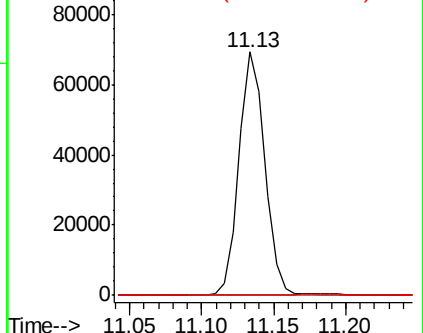
89 0.1 37.8 56.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 3.561 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX010362.D

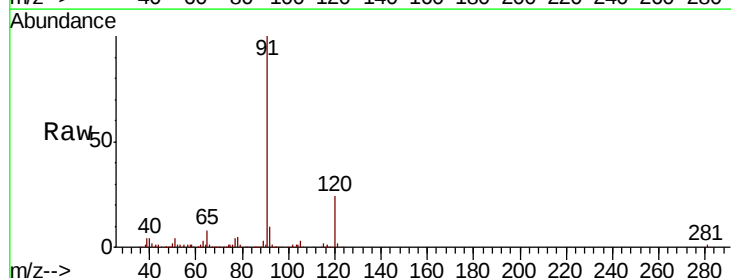
Acq: 20 Jun 2019 17:11

Tgt Ion: 91 Resp: 35904

Ion Ratio Lower Upper

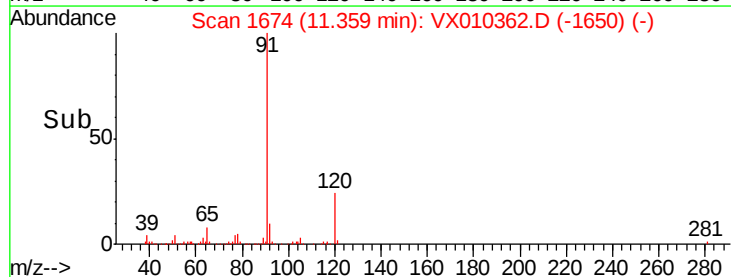
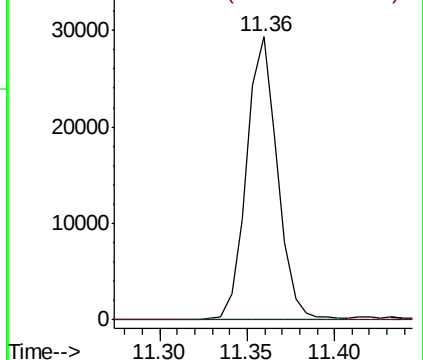
91 100

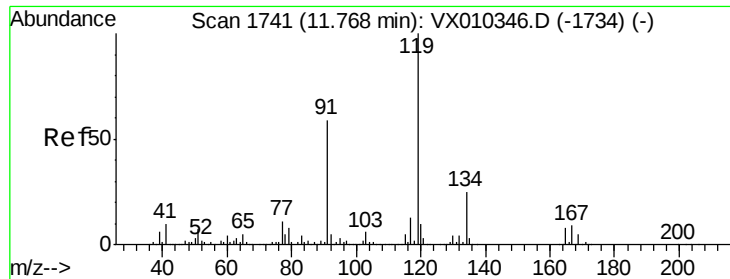
126 0.1 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 2.197 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-061919

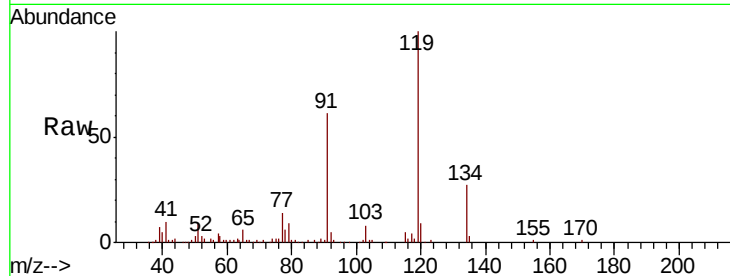
Tot Ion:119 Resp: 24609

Ion Ratio Lower Upper

119 100

91 63.8 27.6 82.7

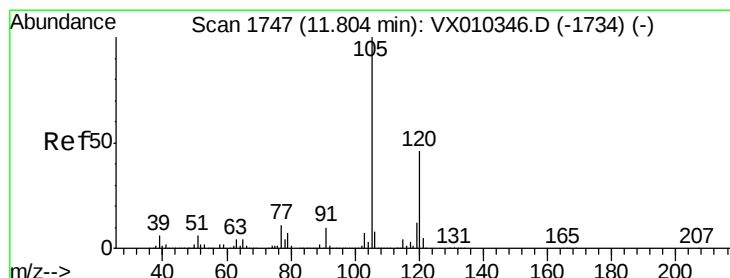
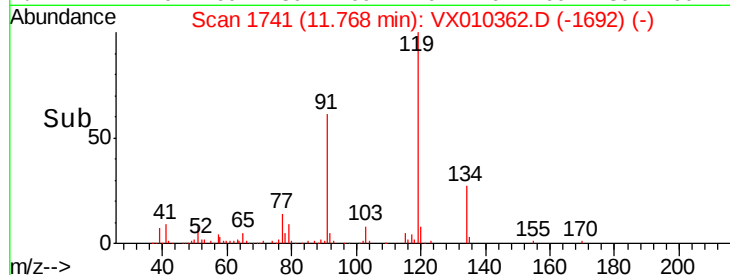
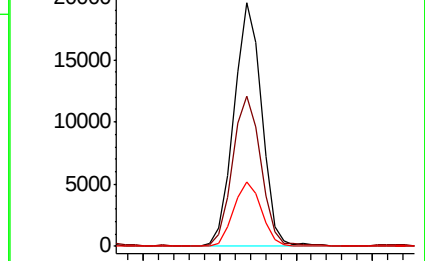
134 26.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.310 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. -0.14 min

Lab File: VX010362.D

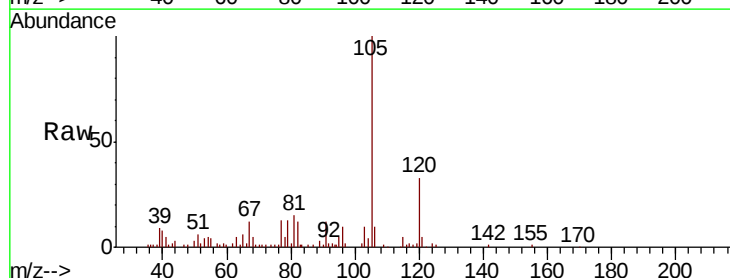
Acq: 20 Jun 2019 17:11

Tgt Ion:105 Resp: 14692

Ion Ratio Lower Upper

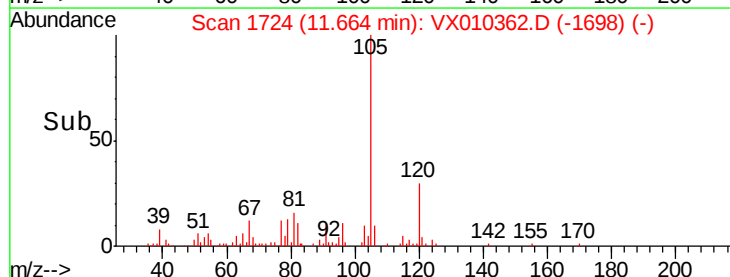
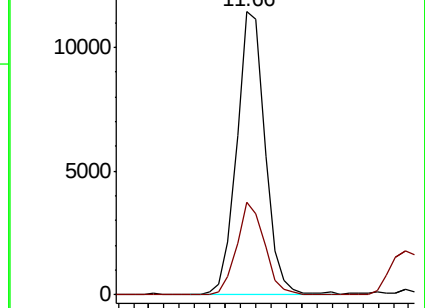
105 100

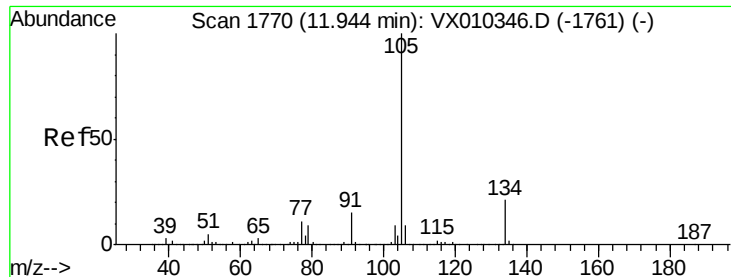
120 32.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 6.161 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

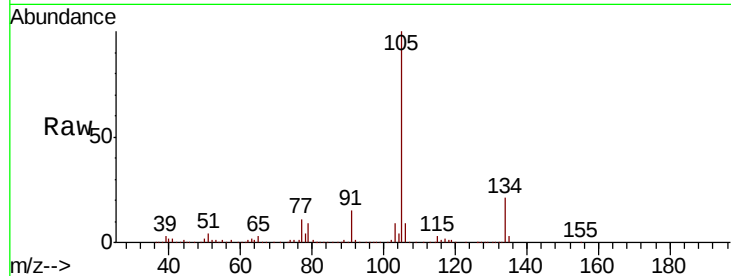
T3-MW-7-10.0-061919

Tot Ion:105 Resp: 81037

Ion Ratio Lower Upper

105 100

134 19.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

80000

60000

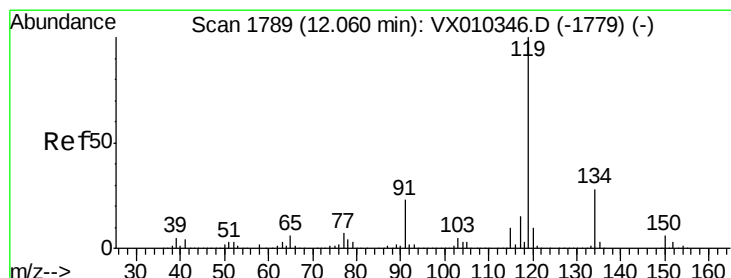
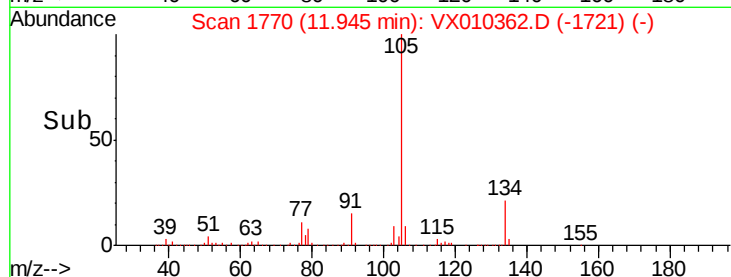
40000

20000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 3.784 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

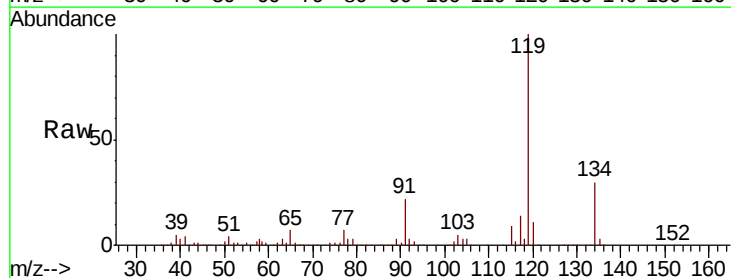
Tgt Ion:119 Resp: 46037

Ion Ratio Lower Upper

119 100

134 30.0 13.7 41.1

91 23.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

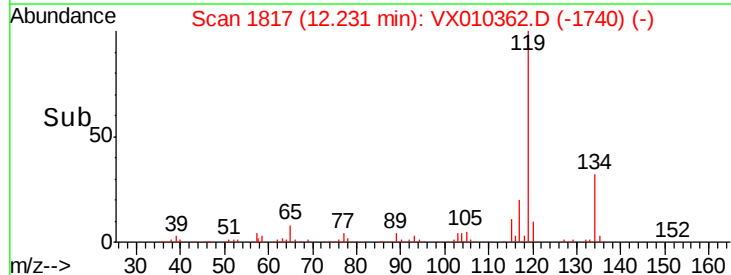
40000

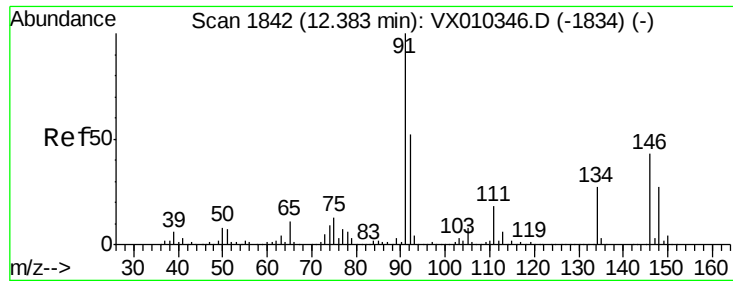
20000

0

12.20 12.25

Time-->

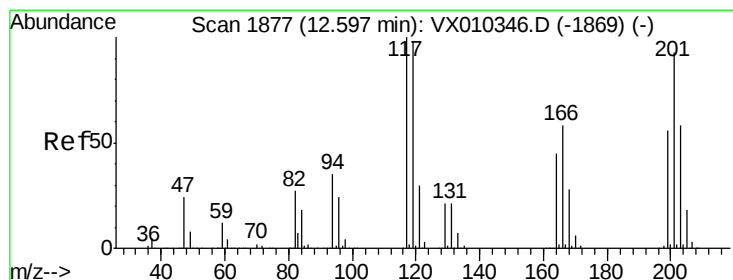
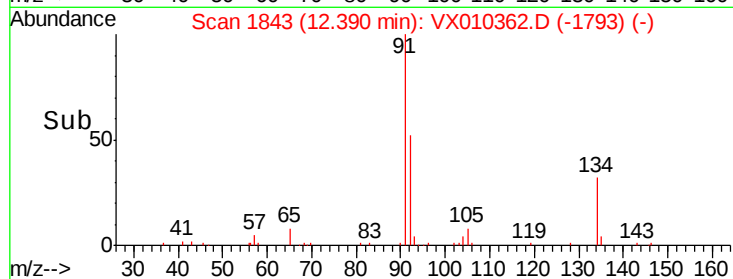
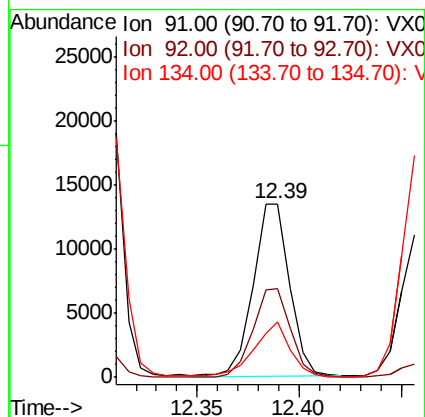
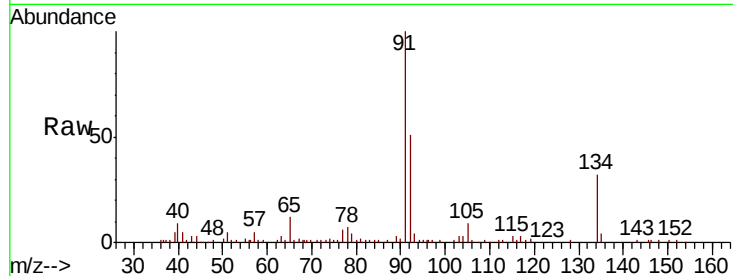




#89
n-Butylbenzene
Concen: 1.621 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

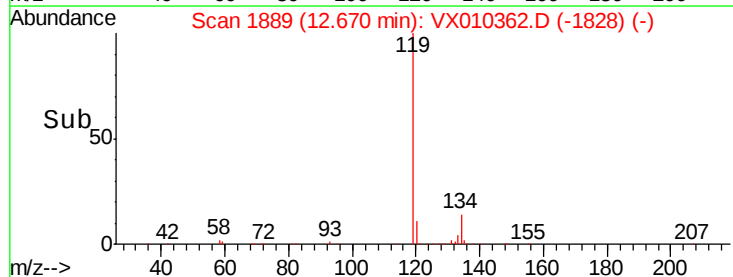
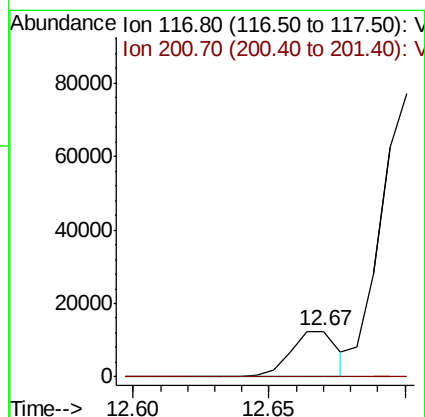
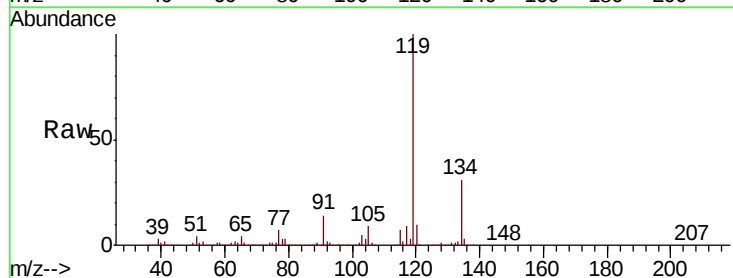
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-7-10.0-061919

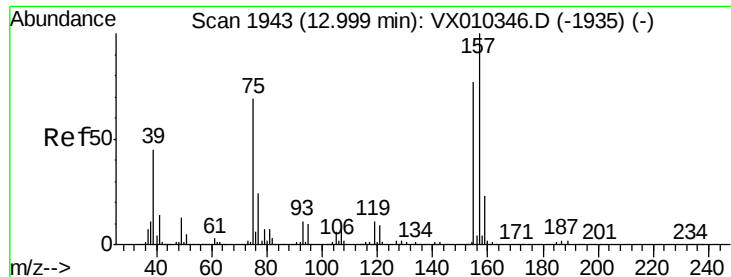
Tot Ion: 91 Resp: 16757
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 32.3 14.1 42.4



#90
Hexachloroethane
Concen: 7.074 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX010362.D
Acq: 20 Jun 2019 17:11

Tgt Ion: 117 Resp: 14881
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.102 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010362.D

Acq: 20 Jun 2019 17:11

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-7-10.0-061919

Tot Ion: 75 Resp: 2032

Ion Ratio Lower Upper

75 100

155 3.5 54.4 163.1#

157 0.0 69.5 208.3#

