

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010370.D
 Acq On : 20 Jun 2019 20:18
 Operator : JC/SP
 Sample : K3469-12 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-9-9.0-061919

Quant Time: Jun 21 01:25:45 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	313199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	474954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143903	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	5.50	113	144243	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	556035	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	188693	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	629	0.248	ug/l	91
5) Bromomethane	1.65	94	798	0.590	ug/l	86
6) Chloroethane	1.63	64	1143	0.698	ug/l #	54
10) Methyl Iodide	2.51	142	3676	0.965	ug/l	97
11) Tert butyl alcohol	3.01	59	881	1.147	ug/l #	67
13) Acrolein	2.29	56	241	0.473	ug/l	87
15) Acrylonitrile	3.15	53	1079	0.709	ug/l #	81
16) Acetone	2.44	43	213204	144.868	ug/l	97
17) Carbon Disulfide	2.57	76	4380	0.601	ug/l #	94
18) Methyl Acetate	2.60	43	8434	2.875	ug/l #	49
21) trans-1,2-Dichloroethene	3.17	96	733	0.251	ug/l	81
25) 2-Butanone	4.68	43	4254	1.971	ug/l #	75
29) Tetrahydrofuran	5.13	42	460	0.344	ug/l #	28
36) 1,1-Dichloropropene	5.82	75	888	0.235	ug/l #	59
37) Ethyl Acetate	4.68	43	4254	1.096	ug/l #	71
38) Carbon Tetrachloride	5.66	117	27022	6.612	ug/l #	15
39) Methylcyclohexane	7.46	83	1574	0.317	ug/l	93
49) 1,4-Dioxane	7.66	88	20	0.233	ug/l #	1
68) m/p-Xylenes	10.37	106	1666	0.294	ug/l	82
73) Isopropylbenzene	11.02	105	2685	0.201	ug/l	93
76) 1,2,3-Trichloropropane	11.13	75	87271	24.271	ug/l #	33
78) n-propylbenzene	11.36	91	4790	0.326	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	87271	56.621	ug/l #	16
82) 4-Chlorotoluene	11.51	91	2021	0.203	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	3362	0.303	ug/l	92
85) sec-Butylbenzene	11.94	105	3034	0.233	ug/l	86
89) n-Butylbenzene	12.38	91	3102	0.304	ug/l #	89
92) 1,2-Dibromo-3-Chloropropan	12.97	75	205	0.215	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1743	0.388	ug/l #	75
94) Hexachlorobutadiene	13.78	225	479	0.218	ug/l	93
95) Naphthalene	13.83	128	37587	2.722	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1538	0.344	ug/l #	89

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

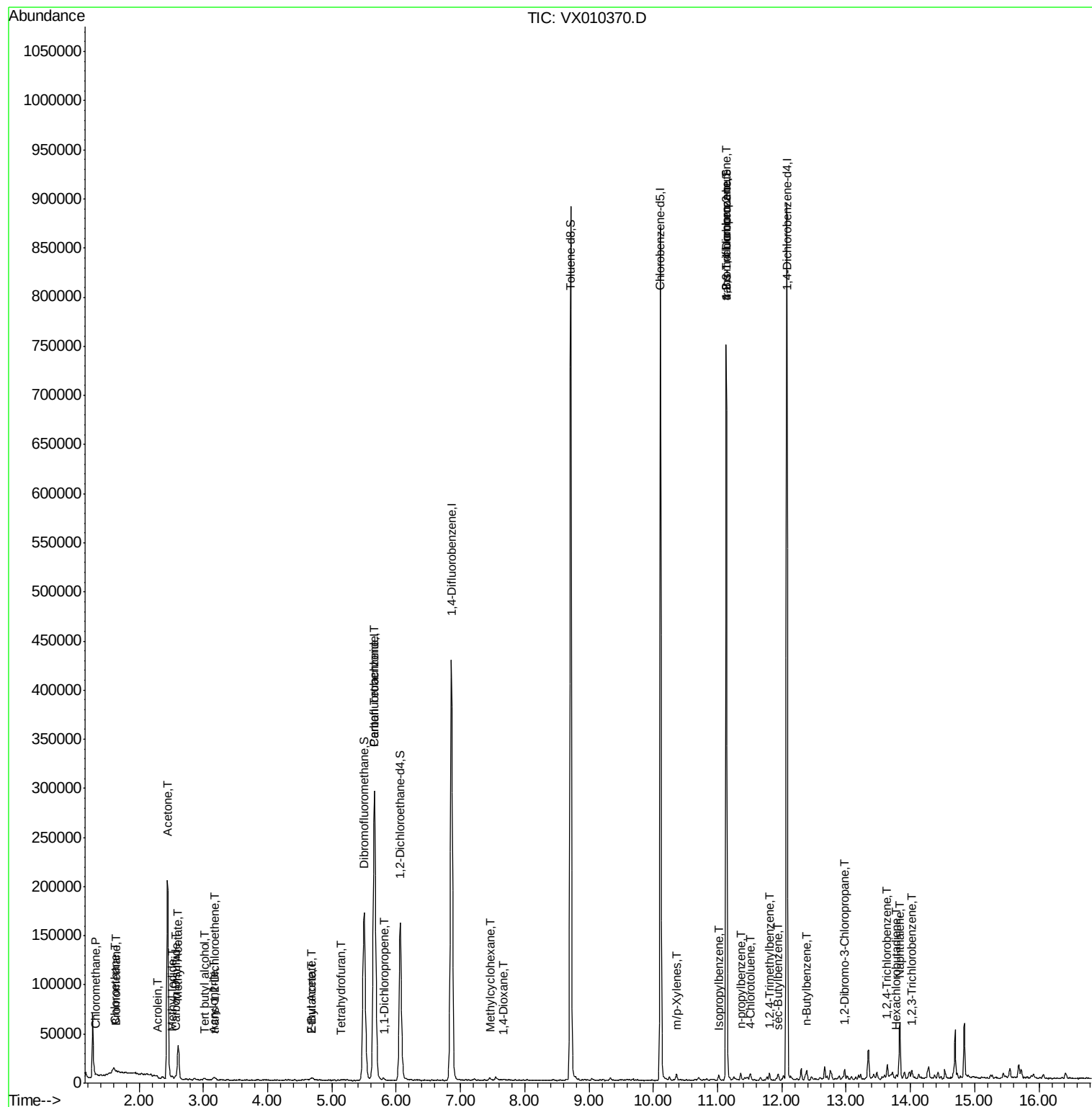
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

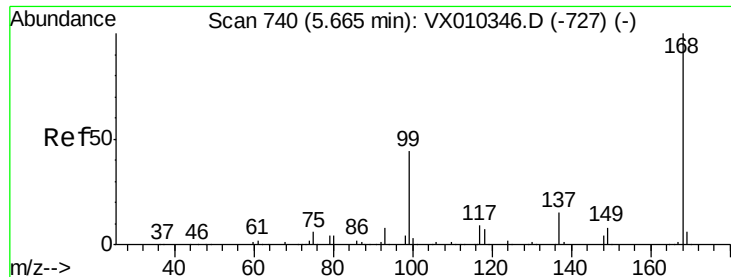
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

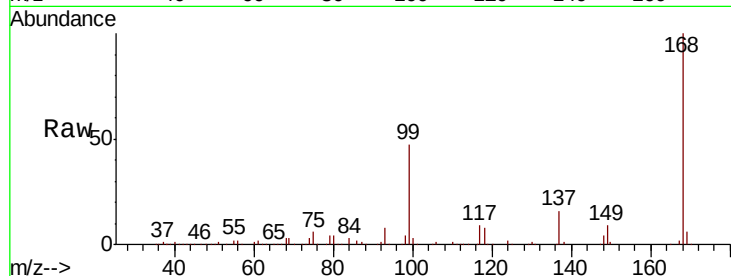
T11-MW-9-9.0-061919

Tot Ion:168 Resp: 313199

Ion Ratio Lower Upper

168 100

99 46.6 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

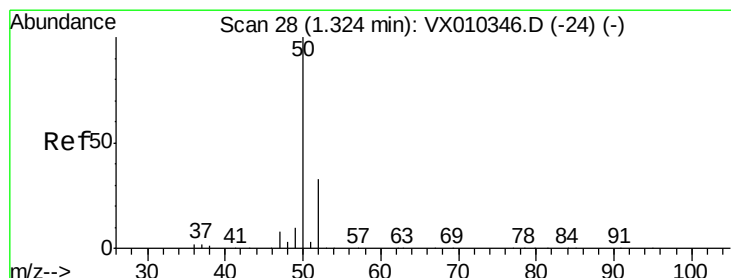
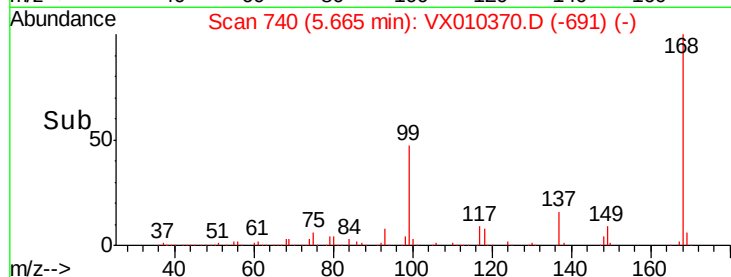
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.248 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010370.D

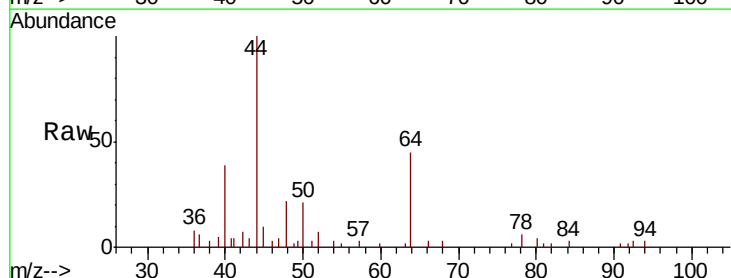
Acq: 20 Jun 2019 20:18

Tgt Ion: 50 Resp: 629

Ion Ratio Lower Upper

50 100

52 28.2 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

1000

800

600

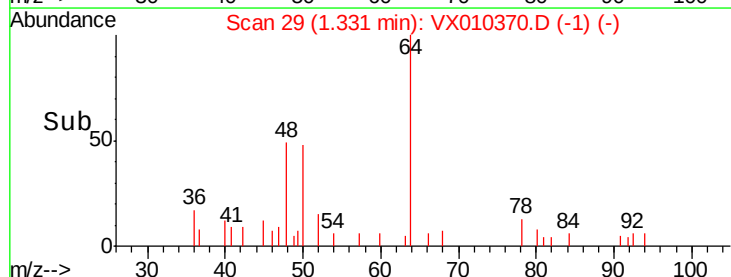
400

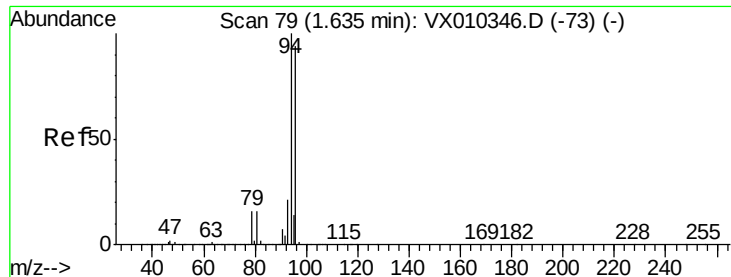
200

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 0.590 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

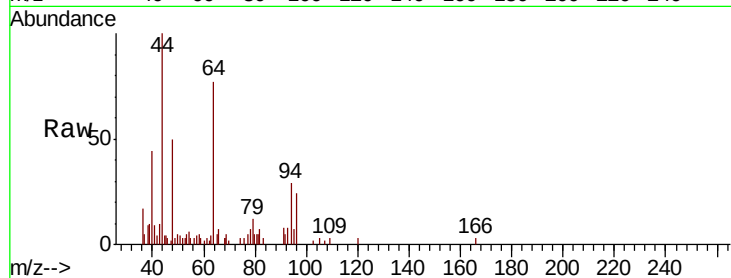
T11-MW-9-9.0-061919

Tot Ion: 94 Resp: 798

Ion Ratio Lower Upper

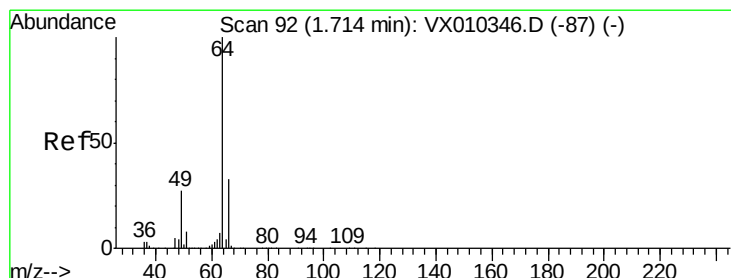
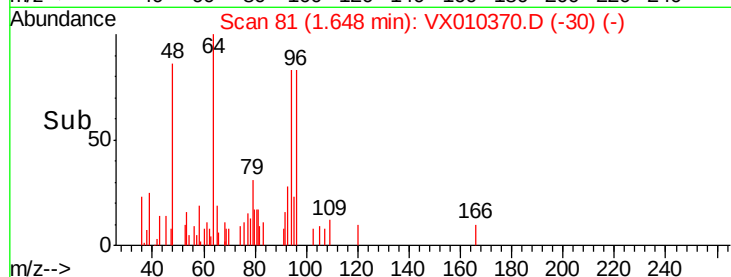
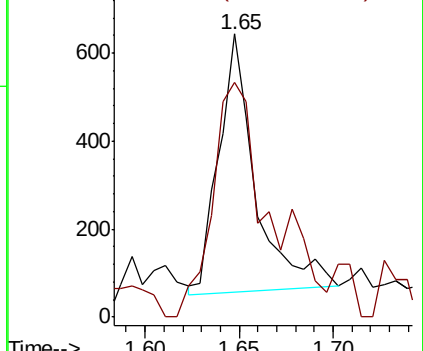
94 100

96 80.8 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: 0.698 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.09 min

Lab File: VX010370.D

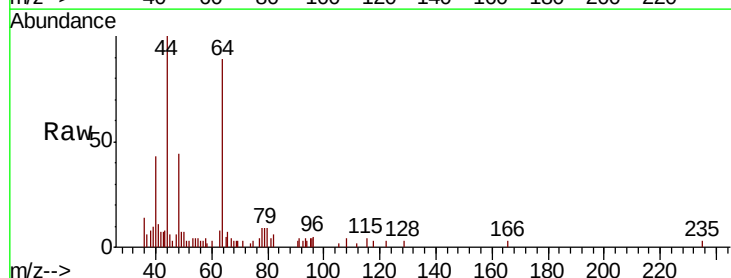
Acq: 20 Jun 2019 20:18

Tgt Ion: 64 Resp: 1143

Ion Ratio Lower Upper

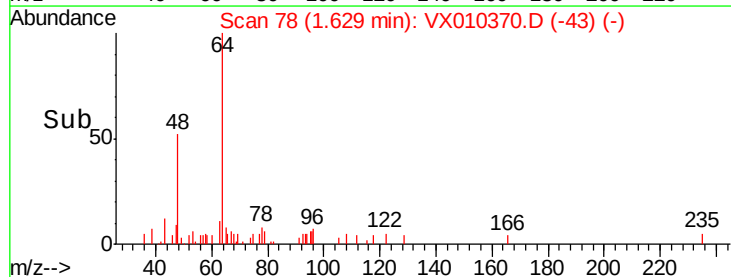
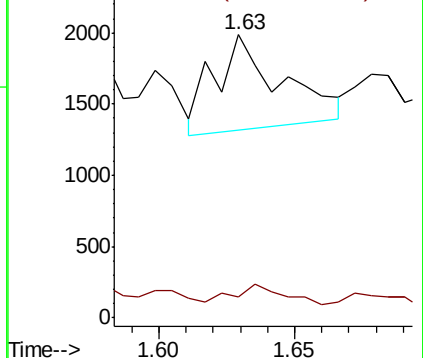
64 100

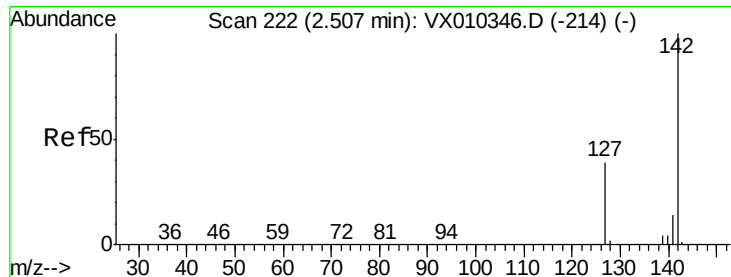
66 7.4 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

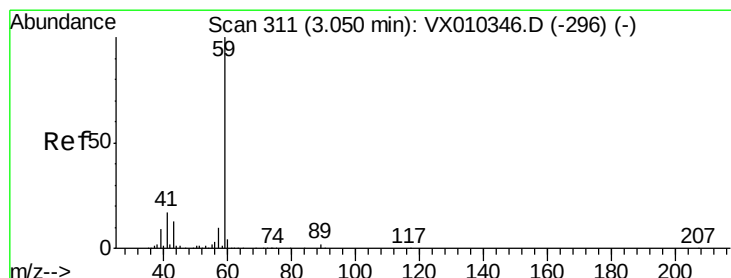
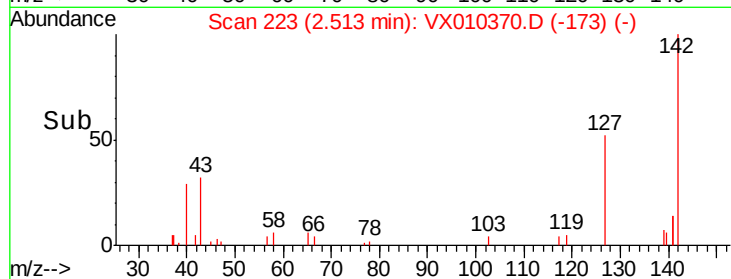
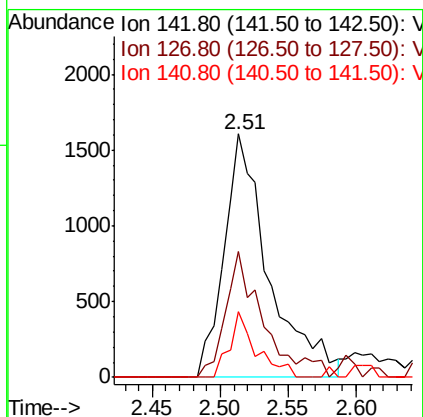
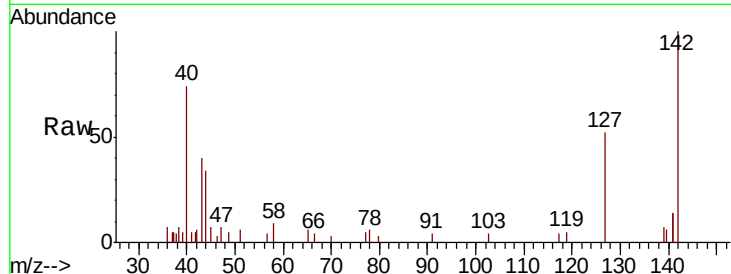




#10
Methvl Iodide
Concen: 0.965 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

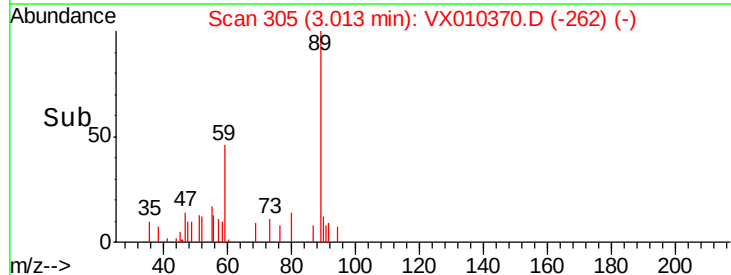
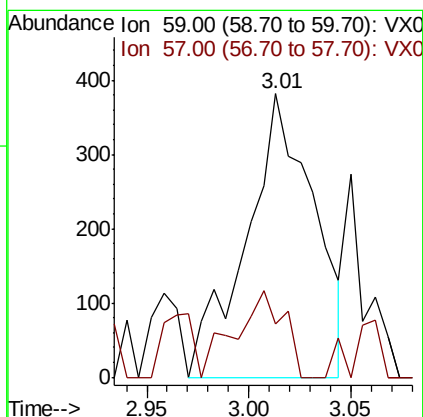
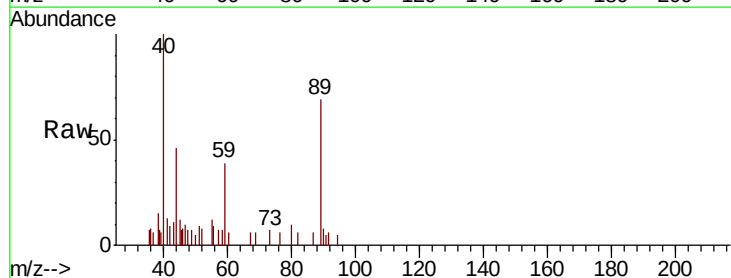
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

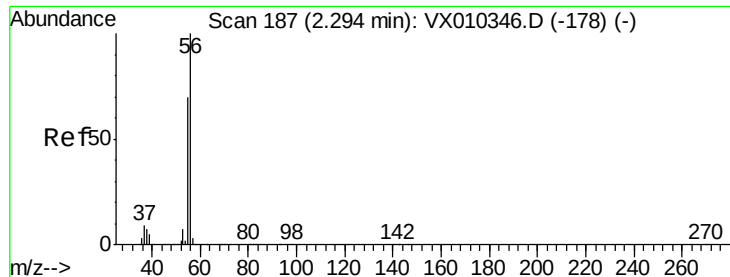
Tot Ion:142 Resp: 3676
Ion Ratio Lower Upper
142 100
127 40.0 31.1 46.7
141 16.1 11.2 16.8



#11
Tert butyl alcohol
Concen: 1.147 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion: 59 Resp: 881
Ion Ratio Lower Upper
59 100
57 21.8 7.7 11.5#





#13

Acrolein

Concen: 0.473 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

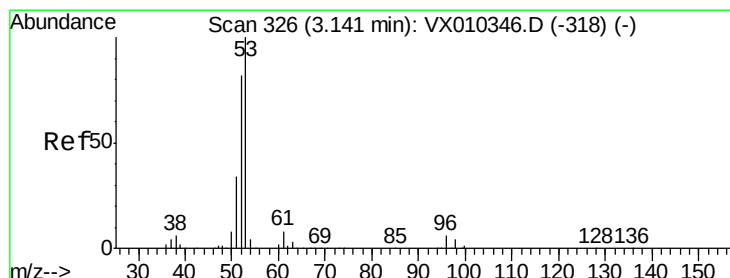
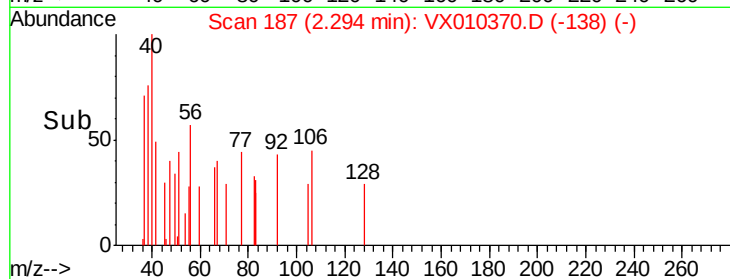
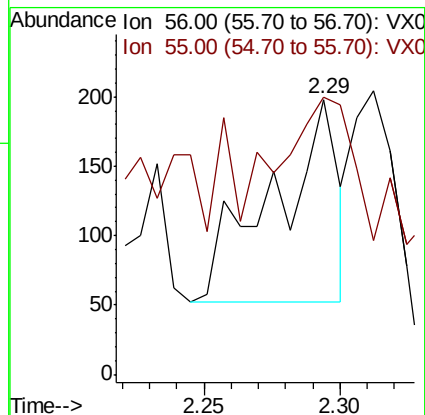
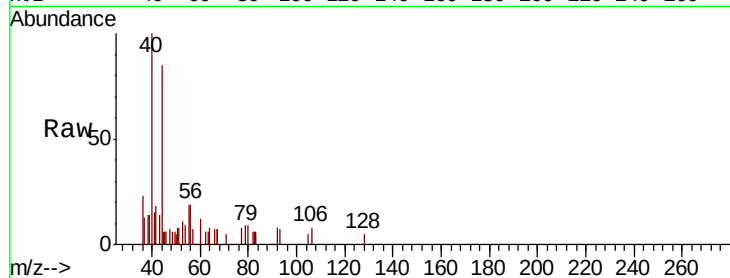
T11-MW-9-9.0-061919

Tot Ion: 56 Resp: 241

Ion Ratio Lower Upper

56 100

55 60.2 56.9 85.3



#15

Acrylonitrile

Concen: 0.709 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

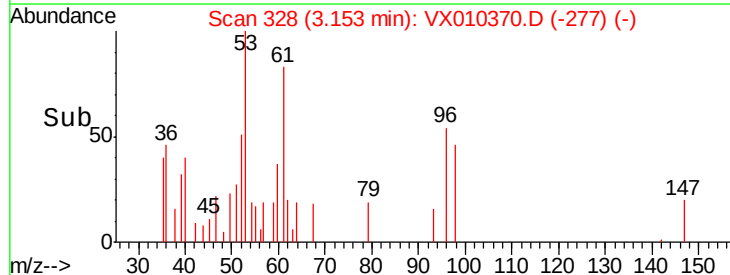
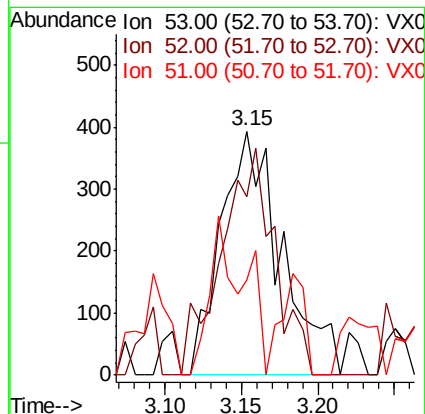
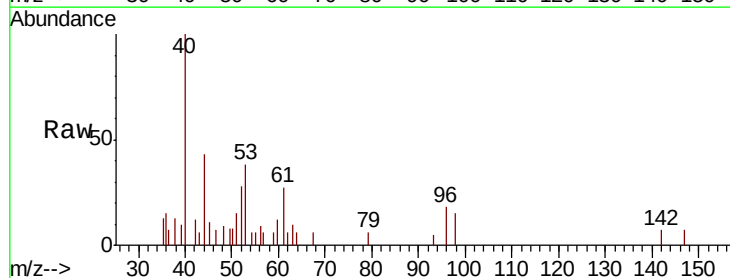
Tgt Ion: 53 Resp: 1079

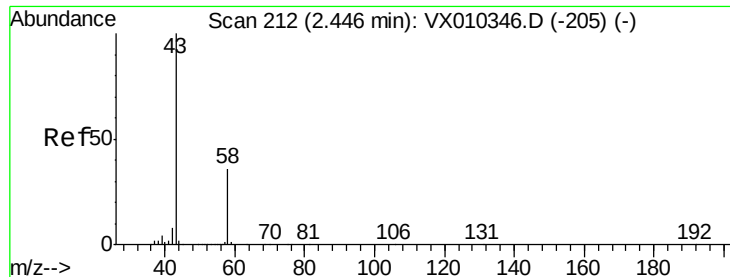
Ion Ratio Lower Upper

53 100

52 81.3 65.5 98.3

51 0.0 28.2 42.4#





#16

Acetone

Concen: 144.868 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

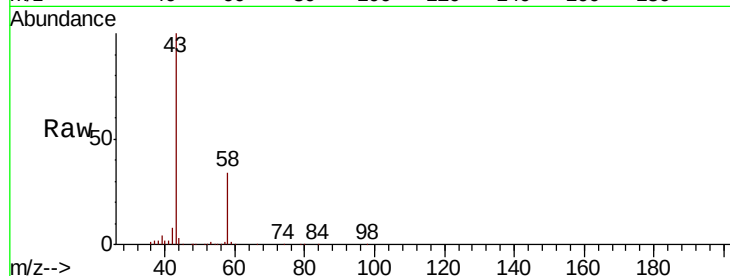
T11-MW-9-9.0-061919

Tot Ion: 43 Resp: 213204

Ion Ratio Lower Upper

43 100

58 34.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

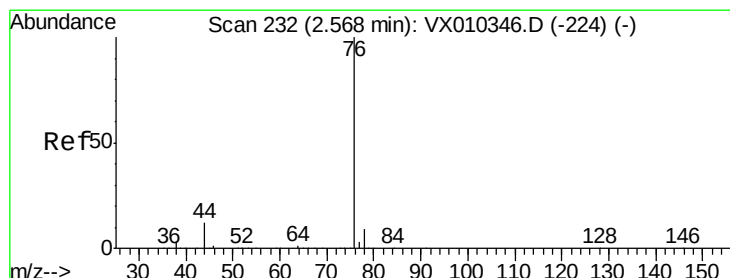
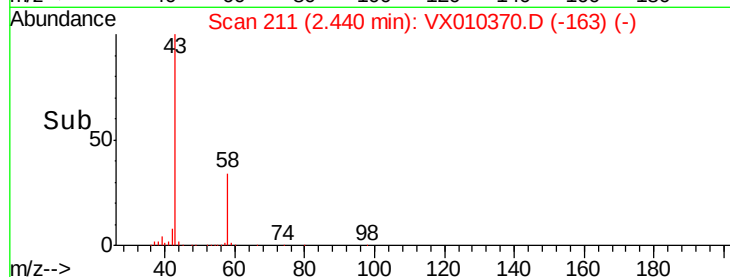
150000

100000

50000

0

Time--> 2.30 2.40 2.50 2.60



#17

Carbon Disulfide

Concen: 0.601 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010370.D

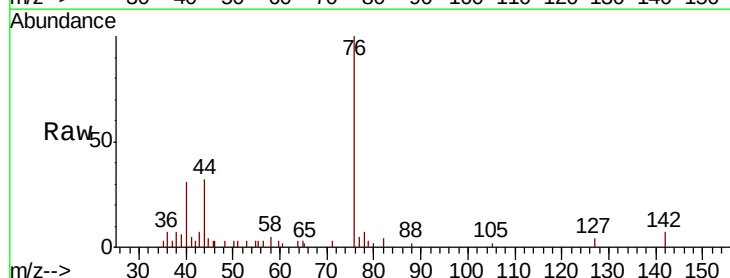
Acq: 20 Jun 2019 20:18

Tgt Ion: 76 Resp: 4380

Ion Ratio Lower Upper

76 100

78 6.8 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

3000

2500

2000

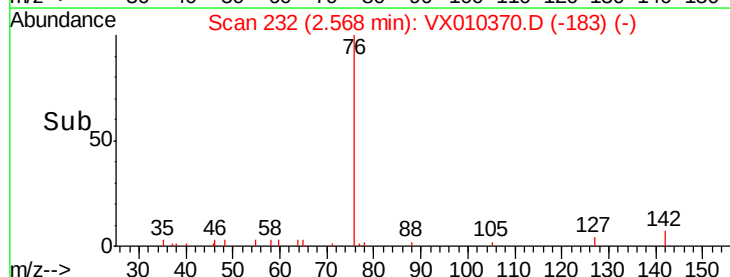
1500

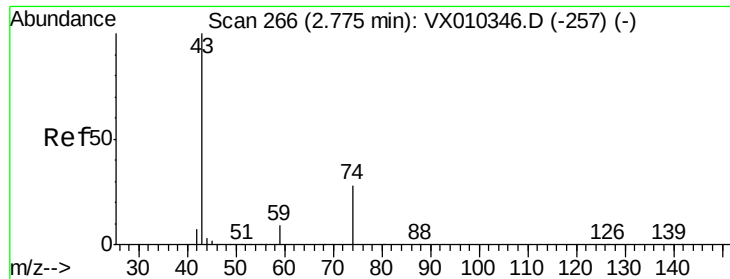
1000

500

0

Time--> 2.50 2.55 2.60 2.65

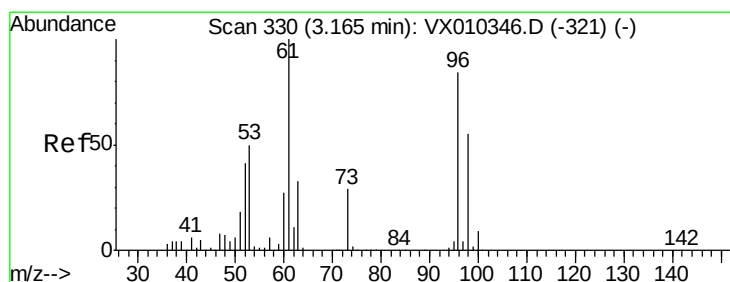
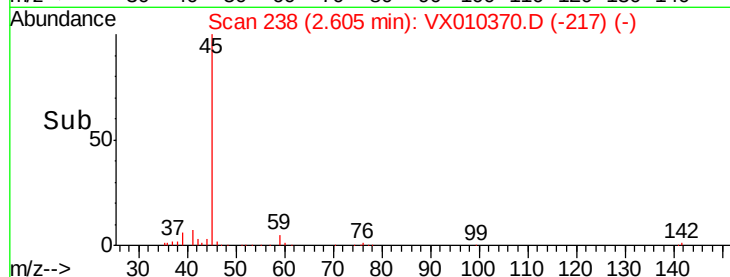
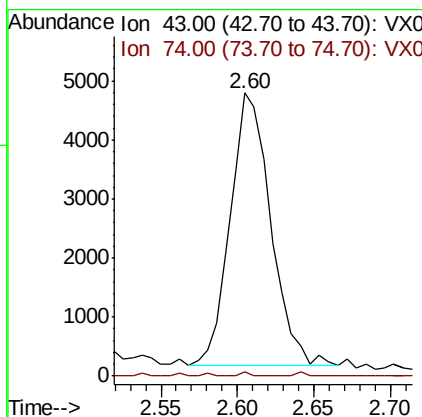
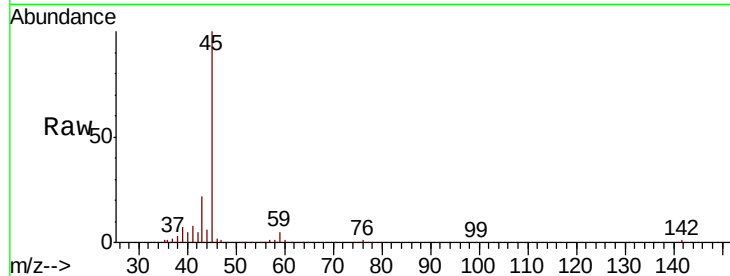




#18
Methyl Acetate
Concen: 2.875 ug/l
RT: 2.60 min Scan# 238
Delta R.T. -0.17 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

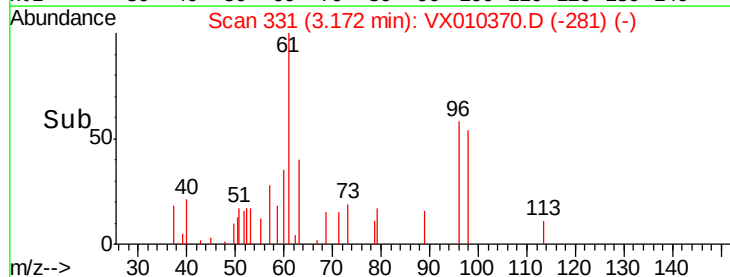
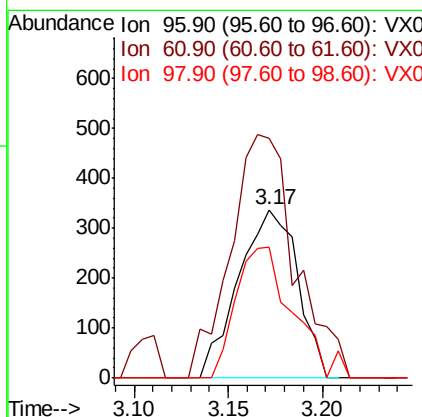
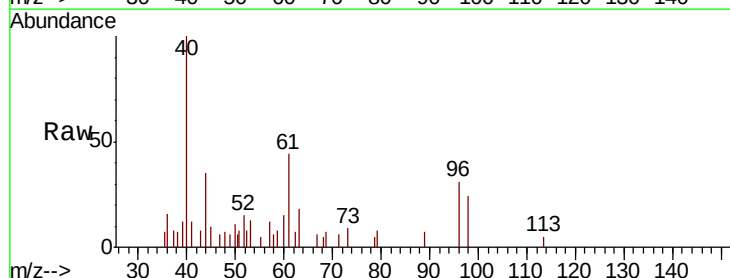
Instrument :
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ClientSampleId :
T11-MW-9-9.0-061919

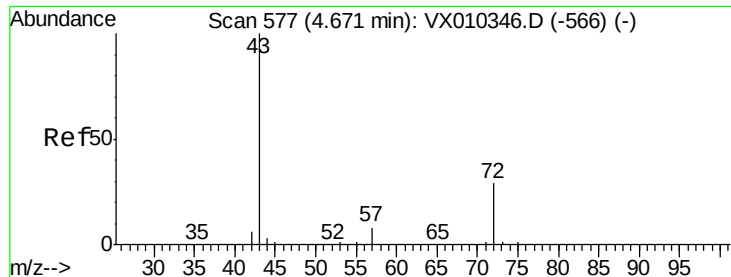
Tot Ion: 43 Resp: 8434
Ion Ratio Lower Upper
43 100
74 0.3 21.3 31.9#



#21
trans-1,2-Dichloroethene
Concen: 0.251 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion: 96 Resp: 733
Ion Ratio Lower Upper
96 100
61 142.4 95.6 143.4
98 77.4 52.5 78.7





#25

2-Butanone

Concen: 1.971 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

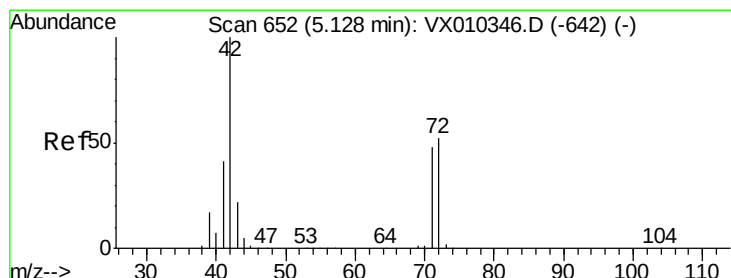
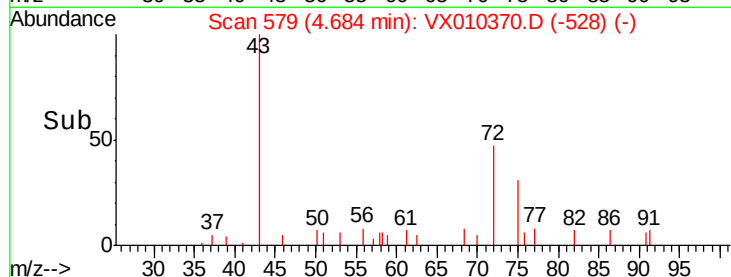
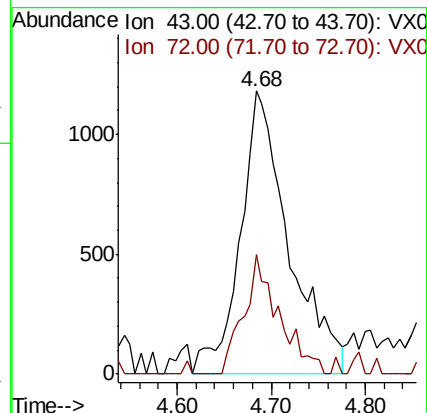
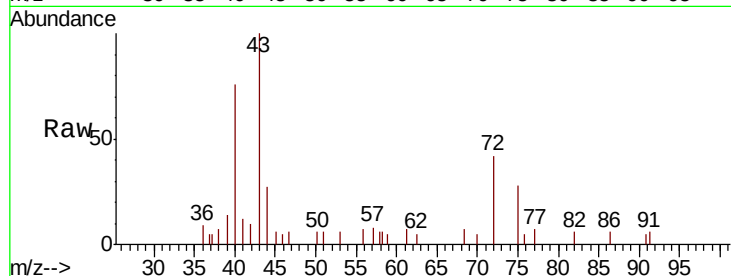
T11-MW-9-9.0-061919

Tot Ion: 43 Resp: 4254

Ion Ratio Lower Upper

43 100

72 42.5 23.3 34.9#



#29

Tetrahydrofuran

Concen: 0.344 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

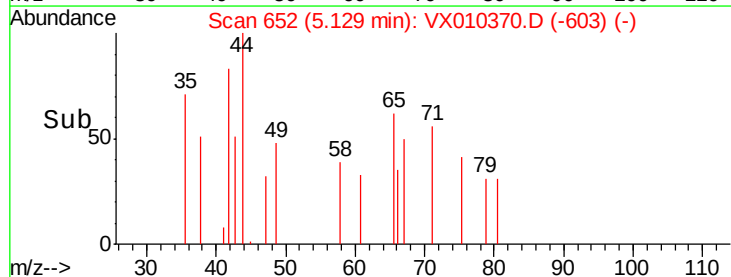
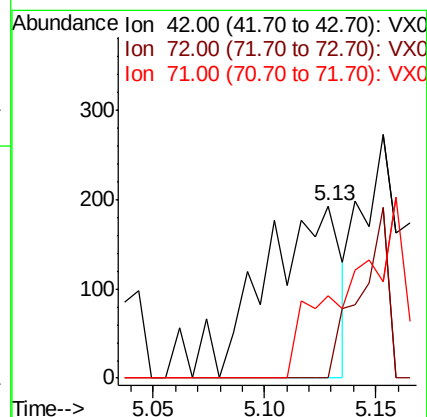
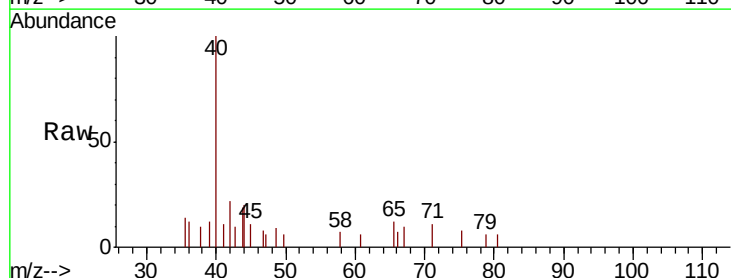
Tgt Ion: 42 Resp: 460

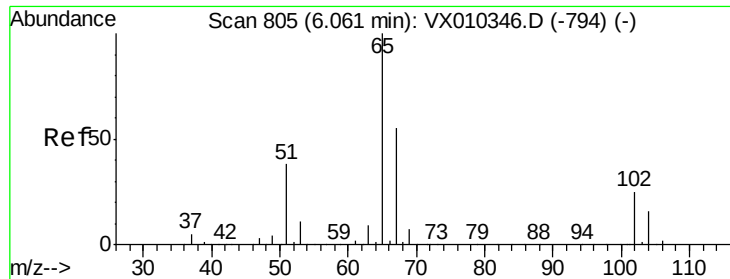
Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

71 0.0 37.8 56.8#





#33

1,2-Dichloroethane-d4

Concen: 49.004 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

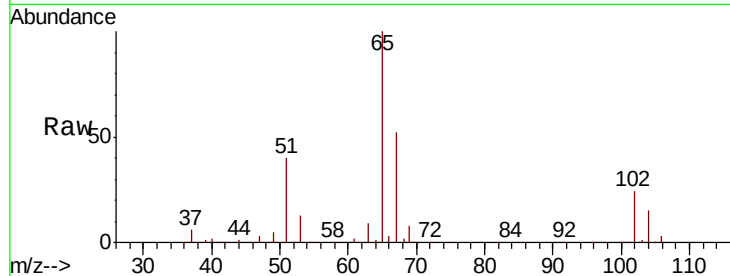
T11-MW-9-9.0-061919

Tot Ion: 65 Resp: 143903

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

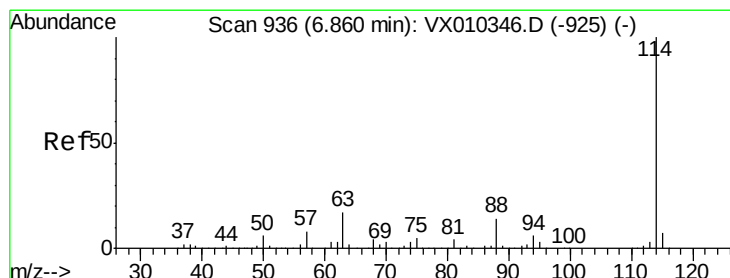
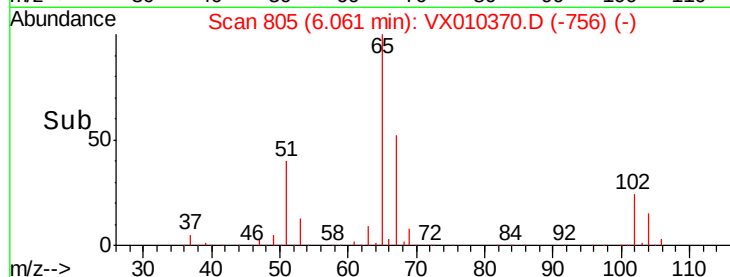
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

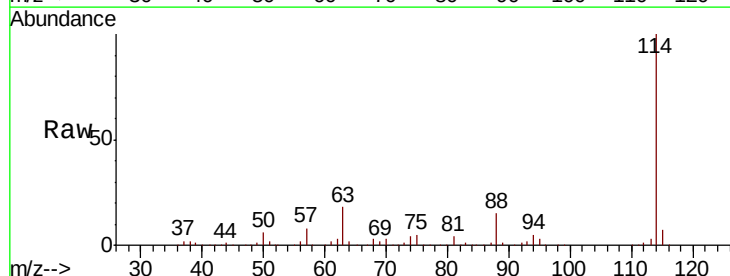
Tgt Ion: 114 Resp: 474954

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 14.8 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

250000

200000

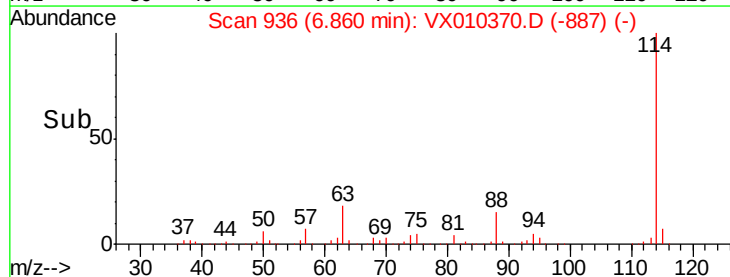
150000

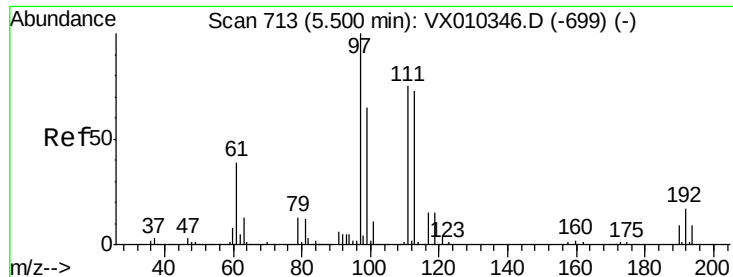
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.637 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

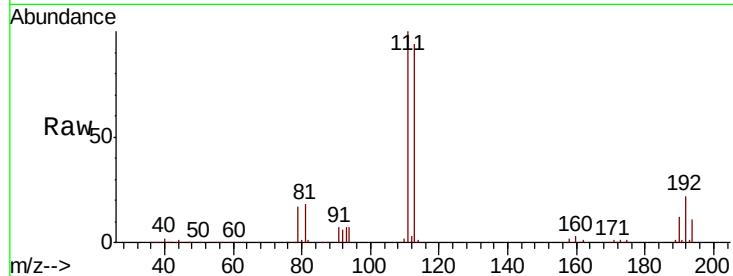
Tot Ion:113 Resp: 144243

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

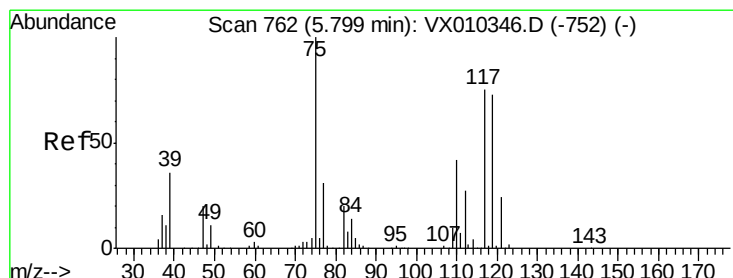
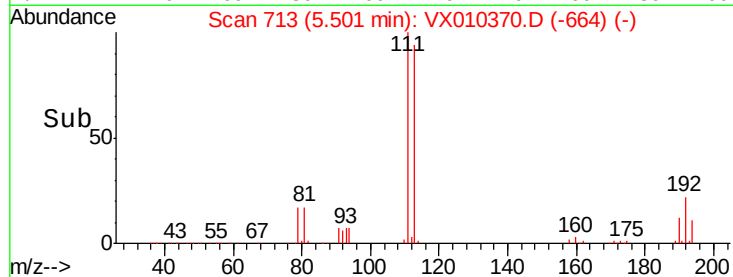
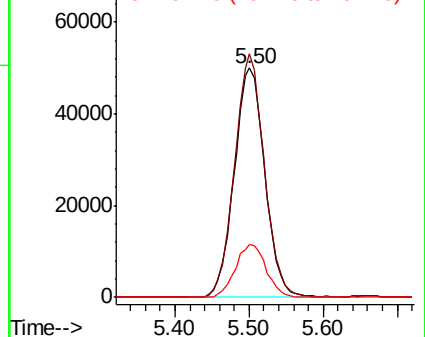
192 23.3 18.6 27.8



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: 0.235 ug/l

RT: 5.82 min Scan# 765

Delta R.T. 0.02 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

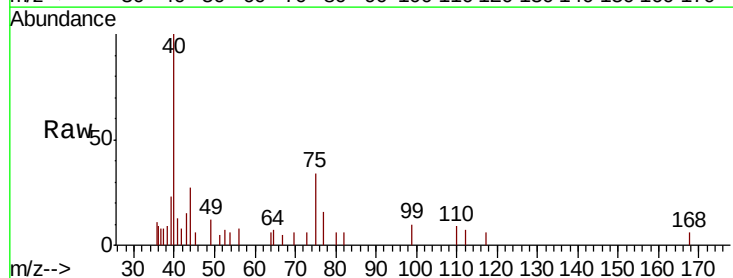
Tgt Ion: 75 Resp: 888

Ion Ratio Lower Upper

75 100

110 7.4 20.8 62.2#

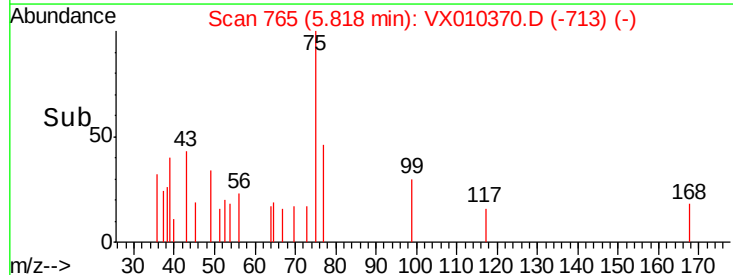
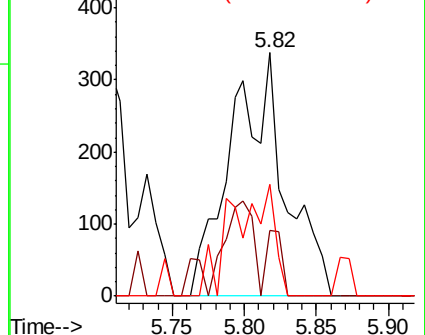
77 18.1 25.4 38.0#

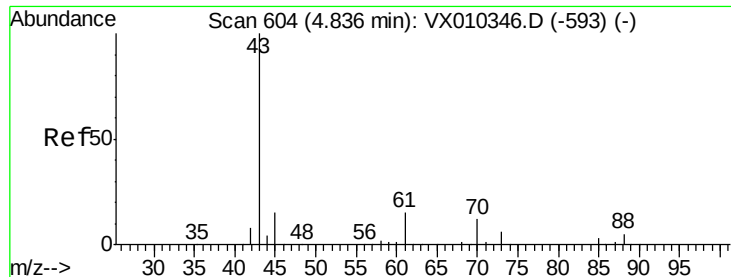


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.096 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.15 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

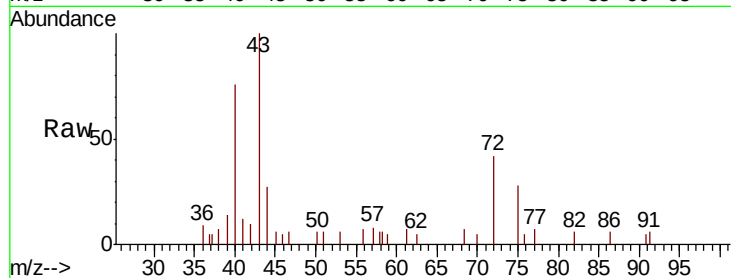
Tot Ion: 43 Resp: 4254

Ion Ratio Lower Upper

43 100

61 3.7 12.4 18.6#

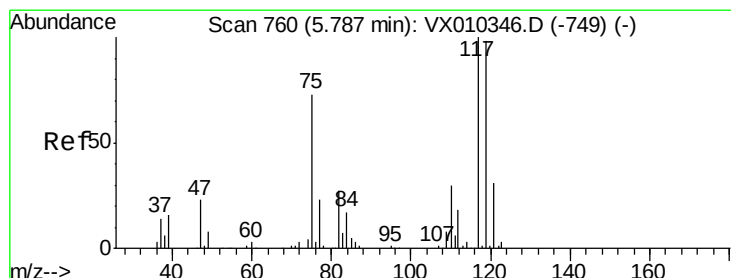
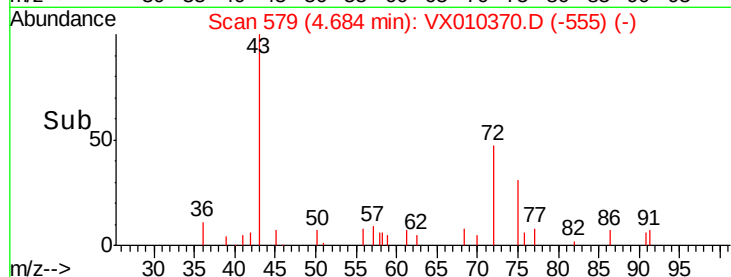
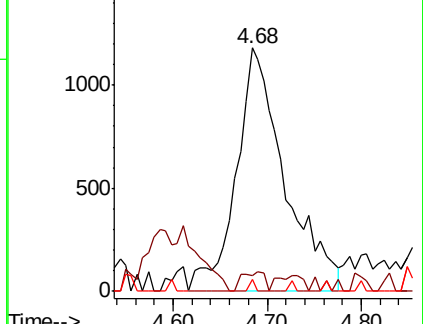
70 0.5 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.612 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

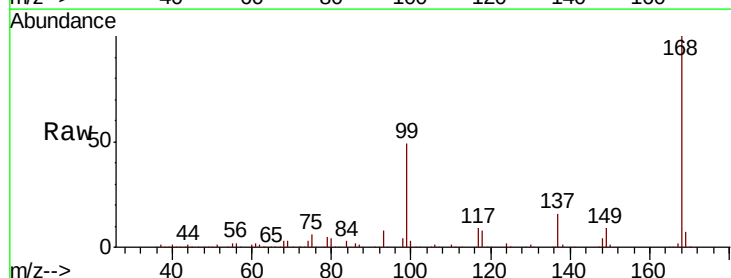
Tgt Ion: 117 Resp: 27022

Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.4#

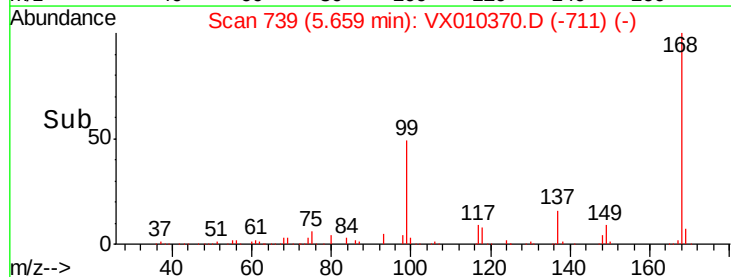
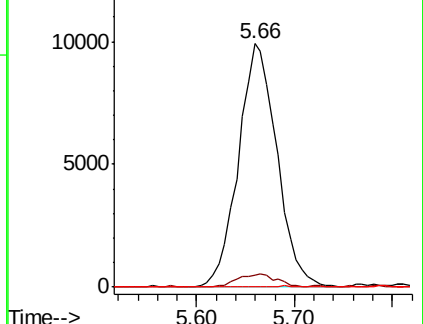
121 0.0 24.7 37.1#

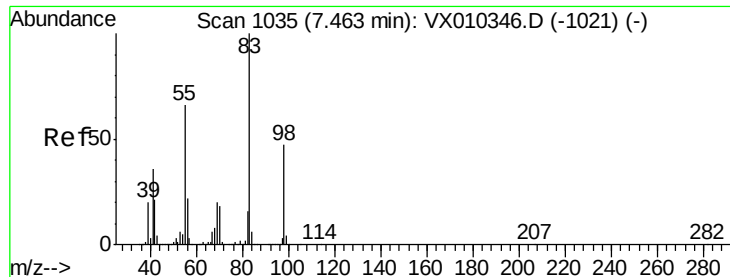


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 0.317 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

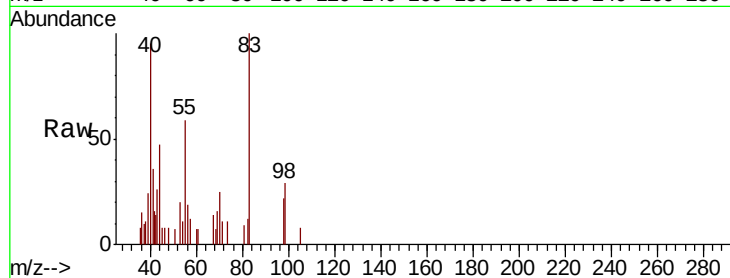
Tot Ion: 83 Resp: 1574

Ion Ratio Lower Upper

83 100

55 59.4 53.0 79.6

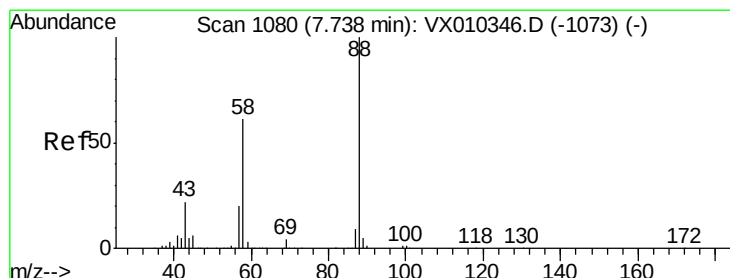
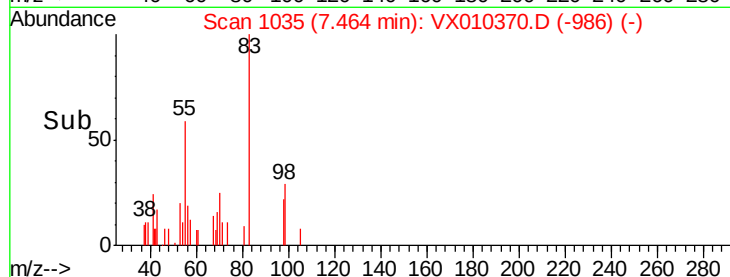
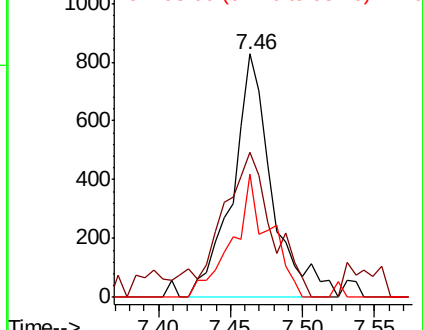
98 50.6 37.8 56.8



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



#49

1,4-Dioxane

Concen: 0.233 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.08 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

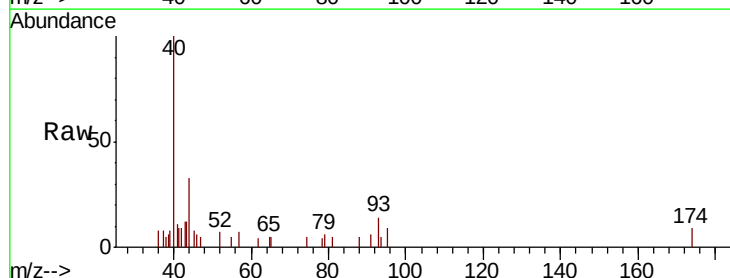
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.2#

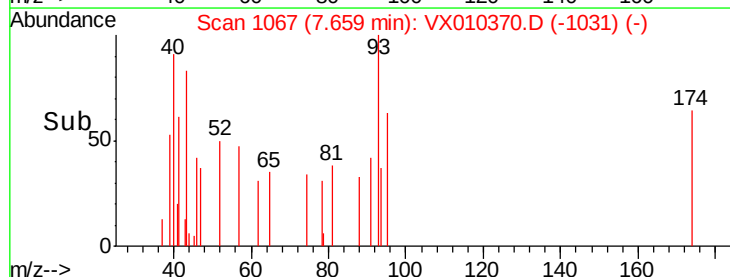
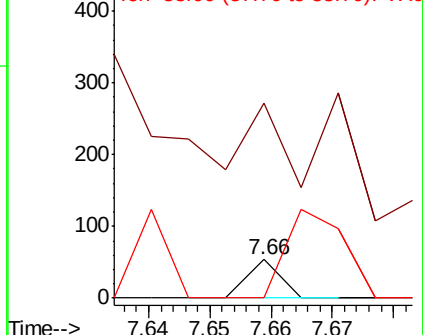
58 405.0 49.5 74.3#

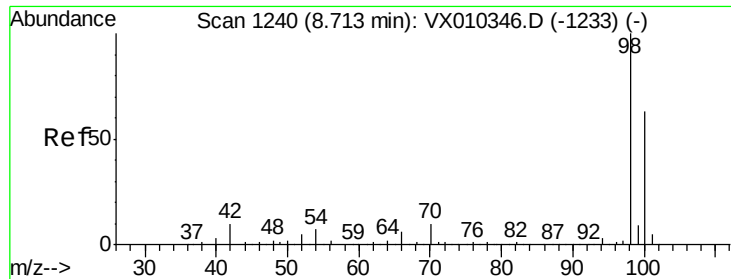


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

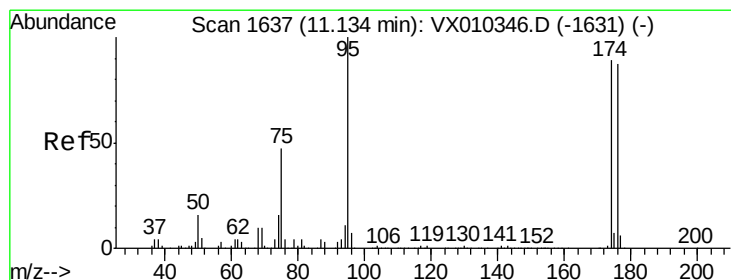
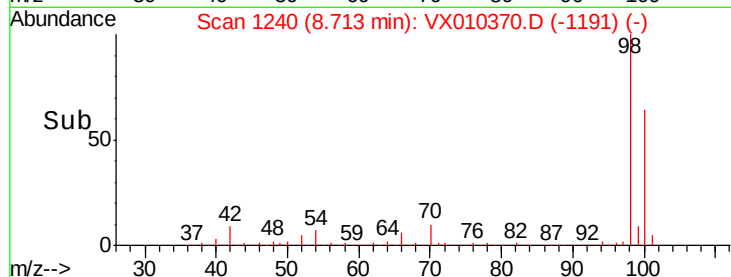
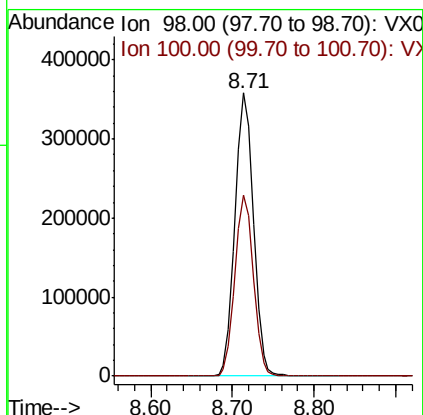
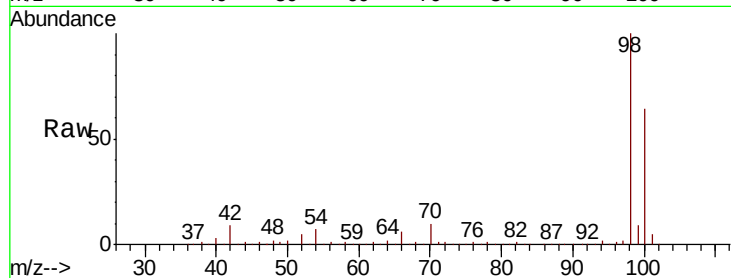




#50
Toluene-d8
Concen: 50.014 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

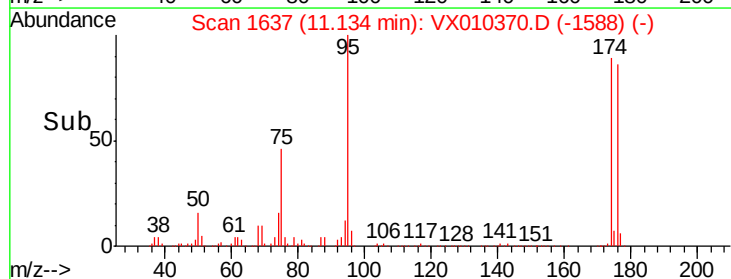
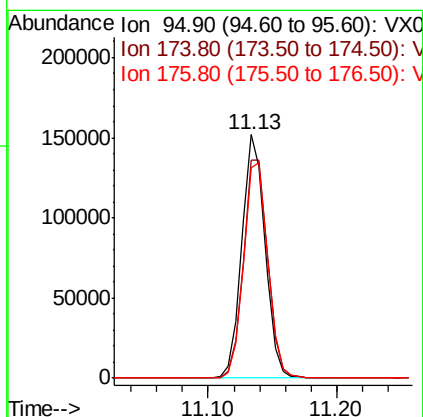
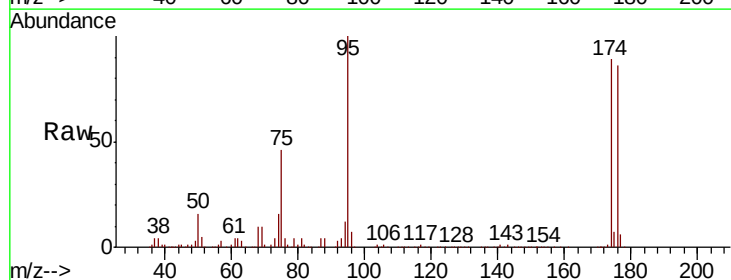
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

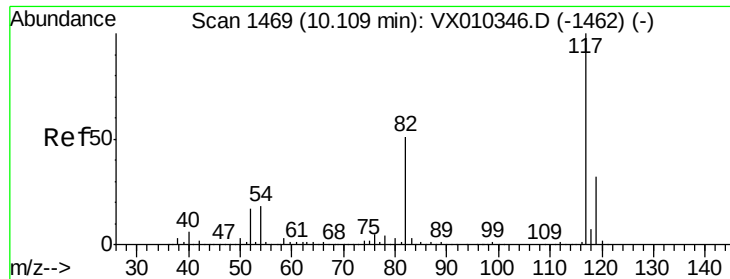
Tot Ion: 98 Resp: 556035
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.012 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion: 95 Resp: 188693
Ion Ratio Lower Upper
95 100
174 93.9 0.0 187.6
176 91.8 0.0 184.0

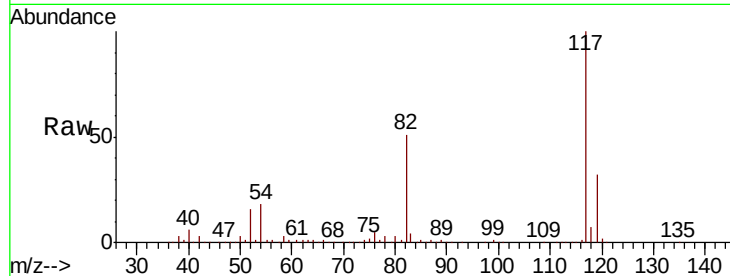




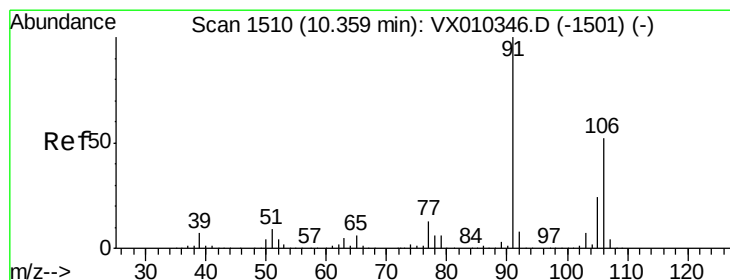
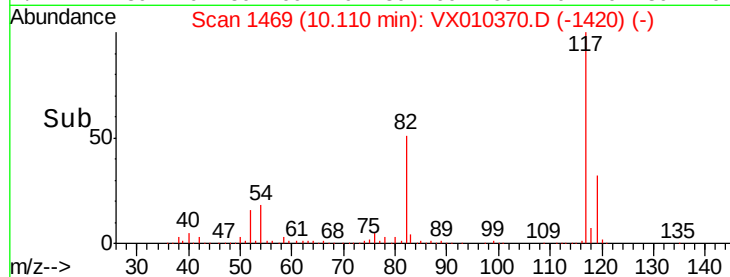
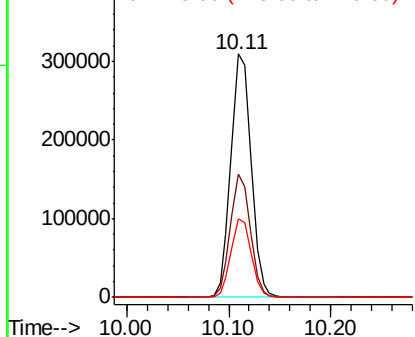
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

Tot Ion:117 Resp: 426918
Ion Ratio Lower Upper
117 100
82 50.6 41.2 61.8
119 32.1 25.5 38.3

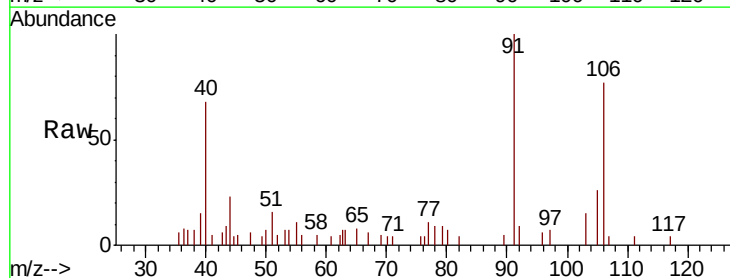


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

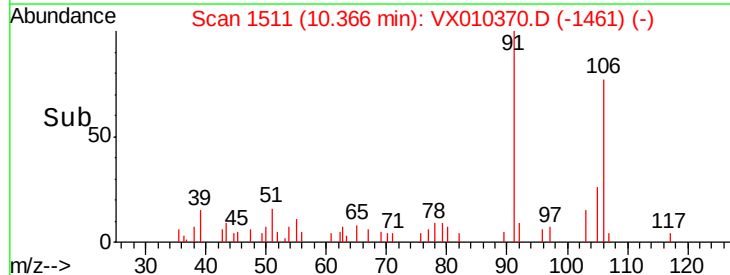
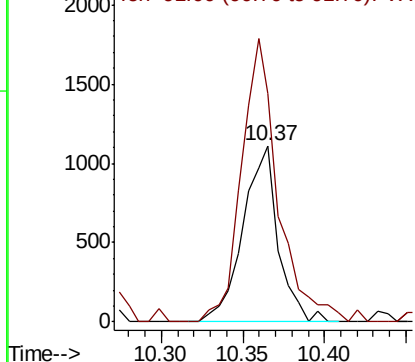


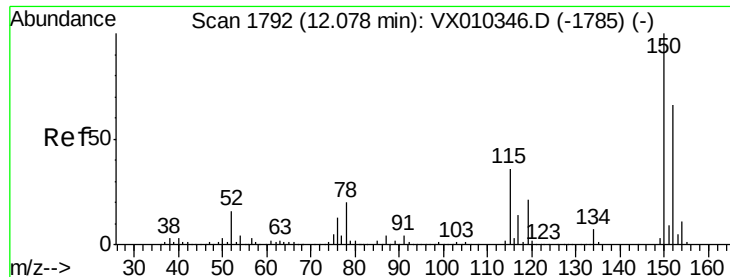
#68
m/p-Xylenes
Concen: 0.294 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion:106 Resp: 1666
Ion Ratio Lower Upper
106 100
91 167.0 155.3 232.9



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



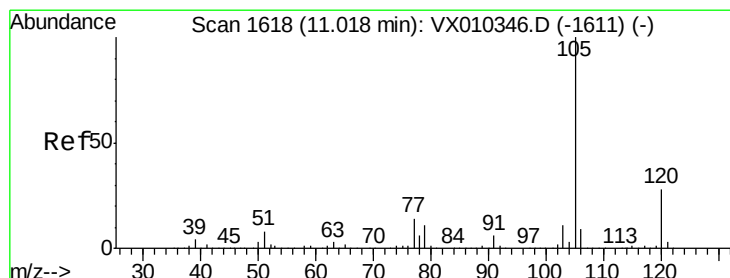
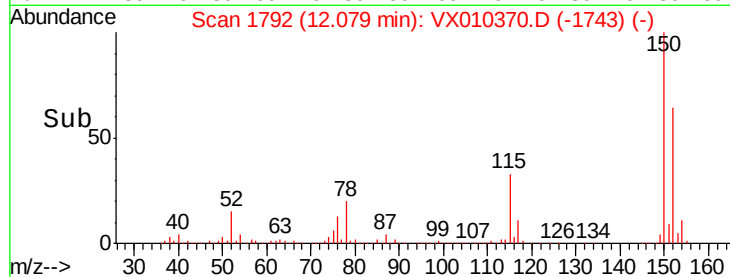
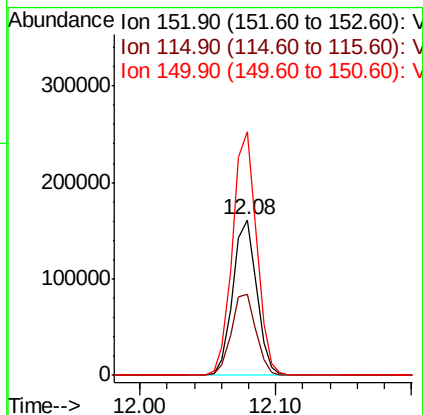
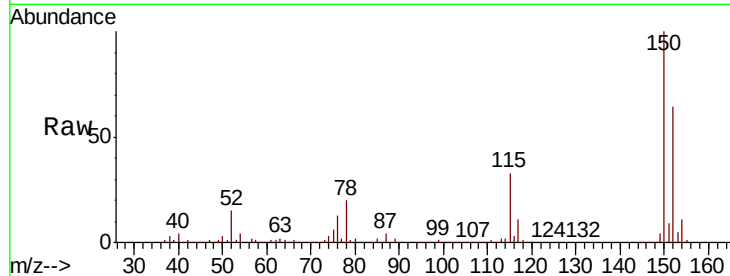


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

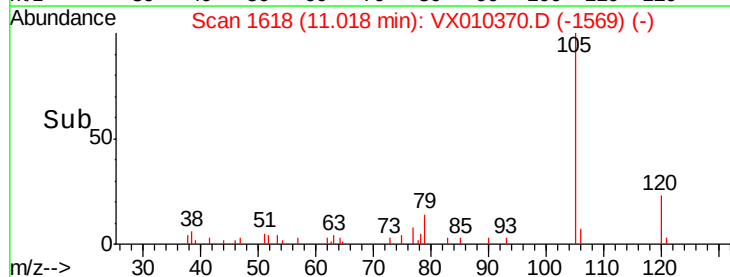
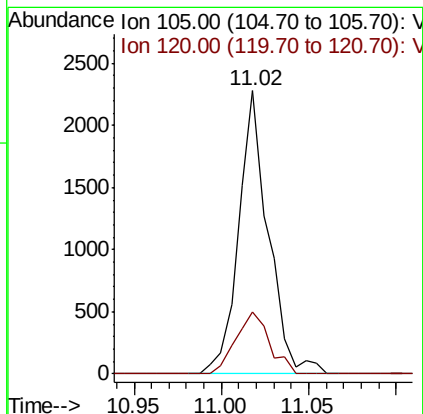
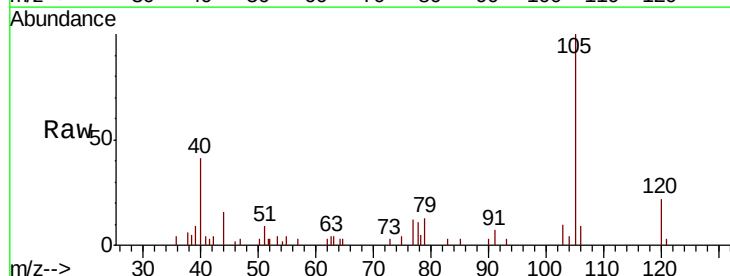
Tot Ion:152 Resp: 197321
Ion Ratio Lower Upper
152 100
115 54.2 38.6 115.7
150 158.1 0.0 347.4

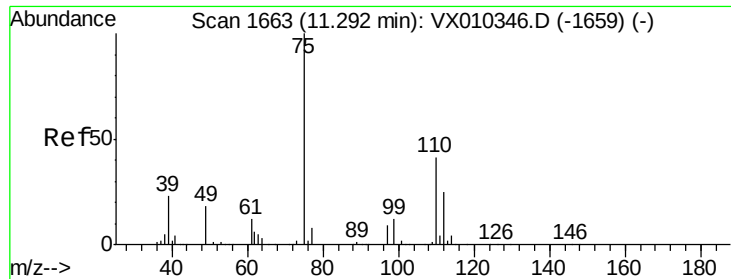


#73

Isopropylbenzene
Concen: 0.201 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion:105 Resp: 2685
Ion Ratio Lower Upper
105 100
120 24.8 14.1 42.4

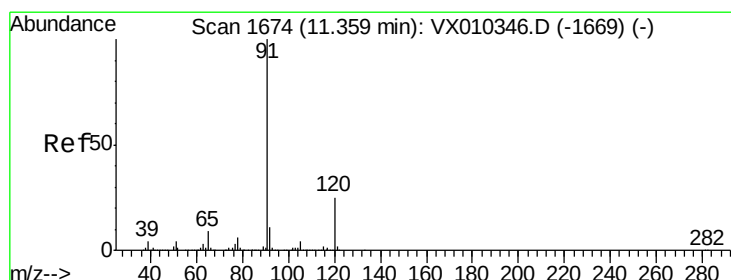
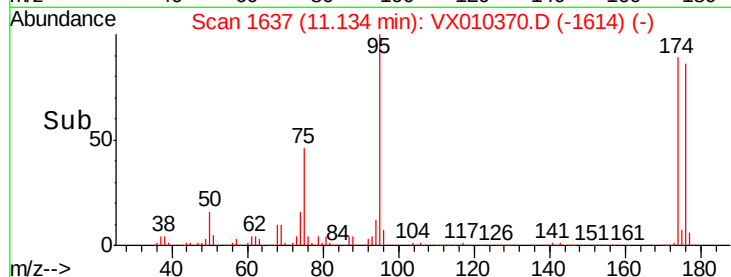
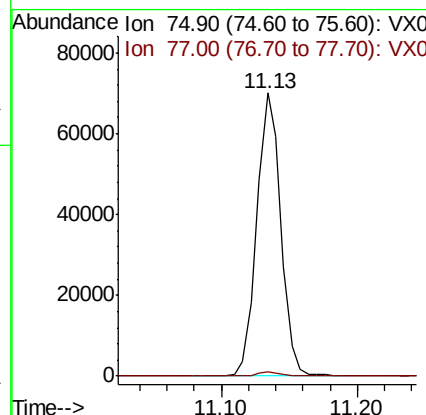
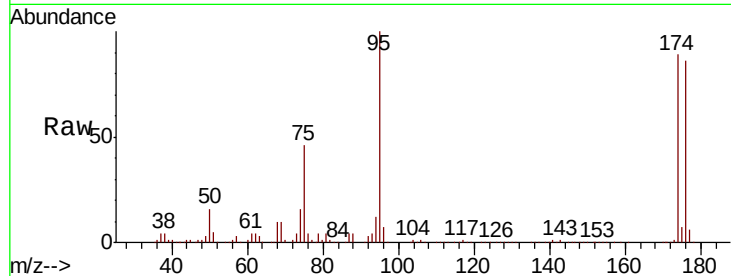




#76
1,2,3-Trichloropropane
Concen: 24.271 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

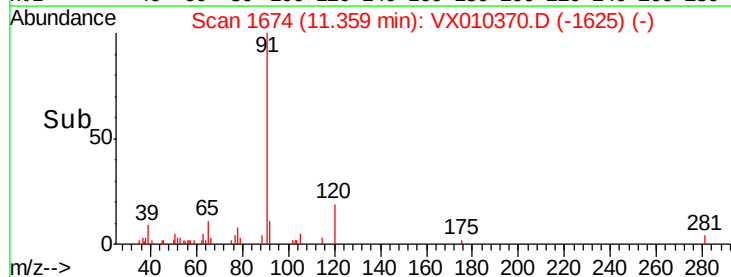
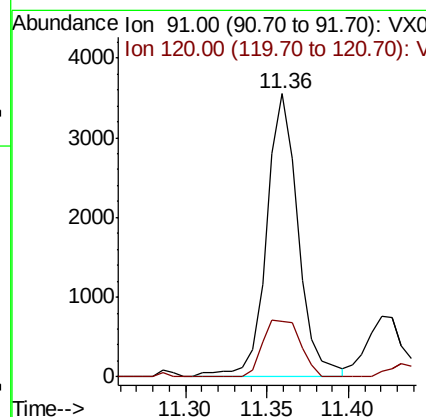
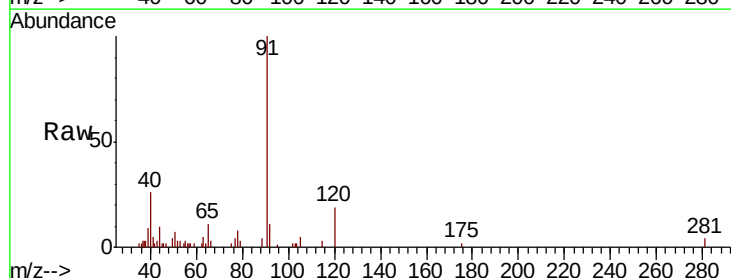
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

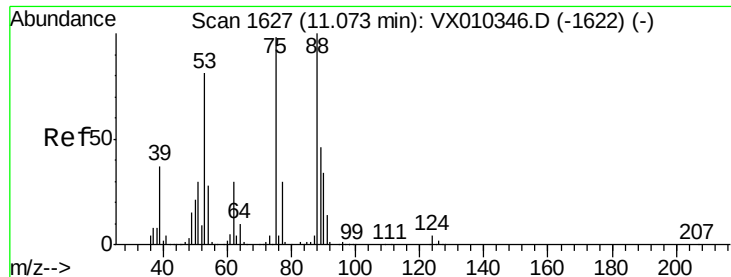
Tot Ion: 75 Resp: 87271
Ion Ratio Lower Upper
75 100
77 1.6 22.6 67.8#



#78
n-propylbenzene
Concen: 0.326 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion: 91 Resp: 4790
Ion Ratio Lower Upper
91 100
120 23.8 12.4 37.4

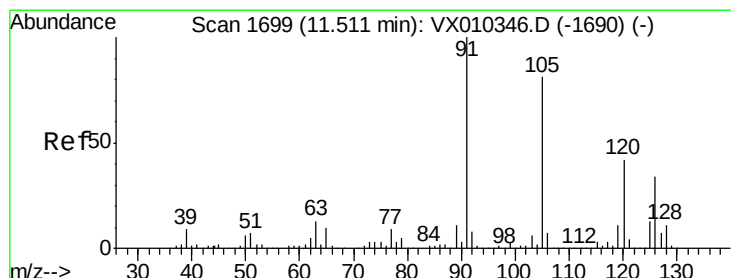
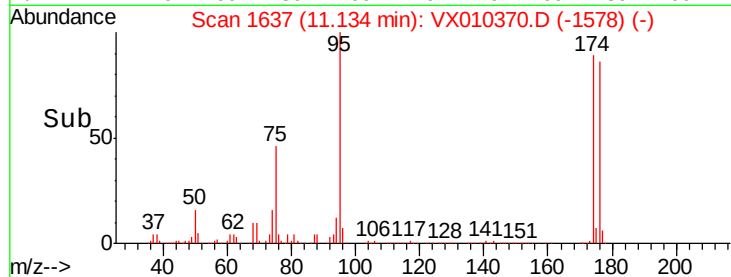
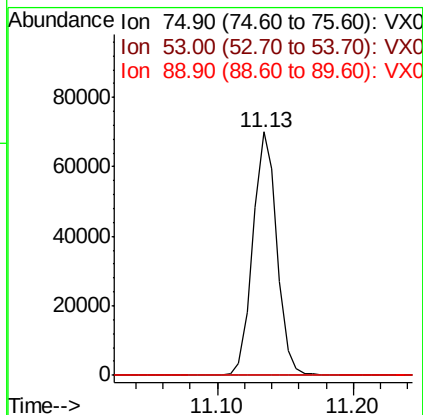
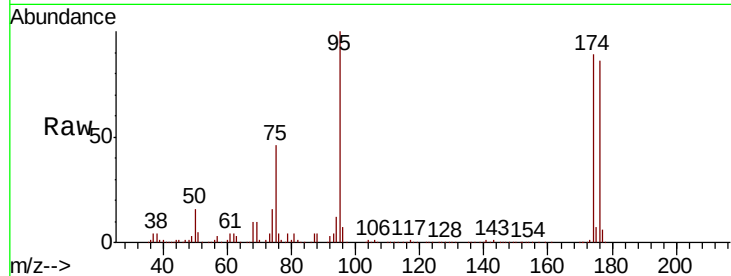




#81
trans-1,4-Dichloro-2-butene
Concen: 56.621 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

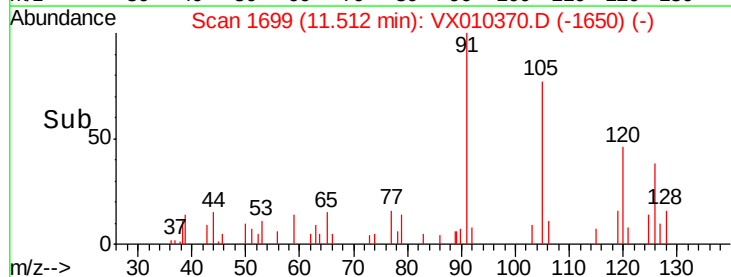
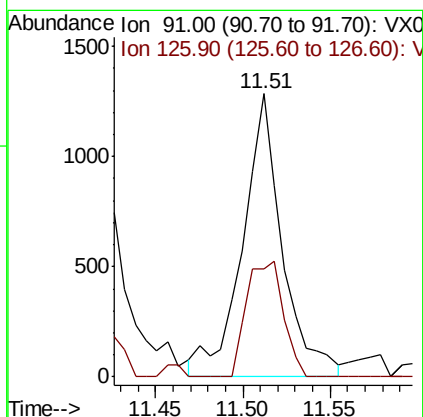
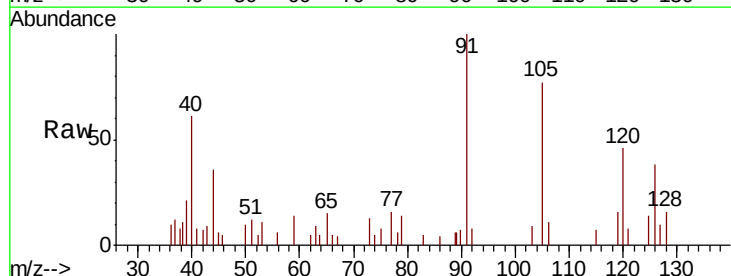
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-9-9.0-061919

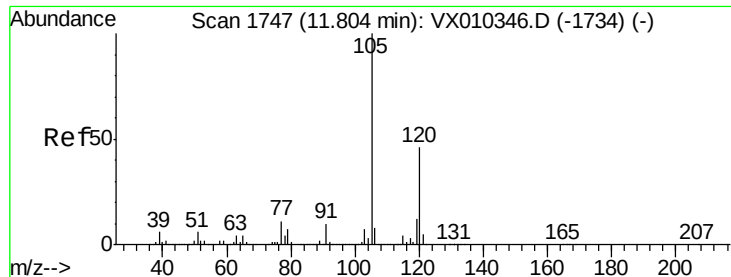
Tot Ion: 75 Resp: 87271
Ion Ratio Lower Upper
75 100
53 0.1 66.1 99.1#
89 0.0 37.8 56.6#



#82
4-Chlorotoluene
Concen: 0.203 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010370.D
Acq: 20 Jun 2019 20:18

Tgt Ion: 91 Resp: 2021
Ion Ratio Lower Upper
91 100
126 38.0 16.2 48.6

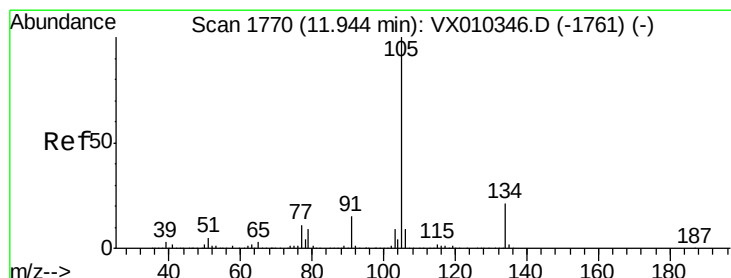
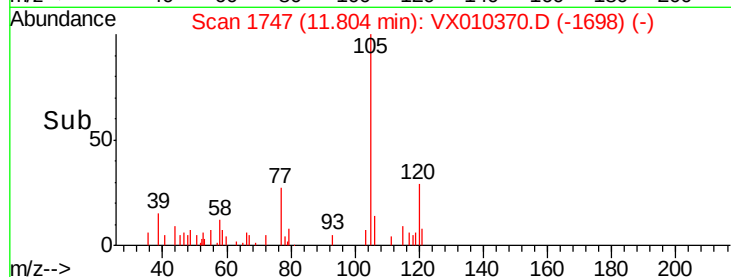
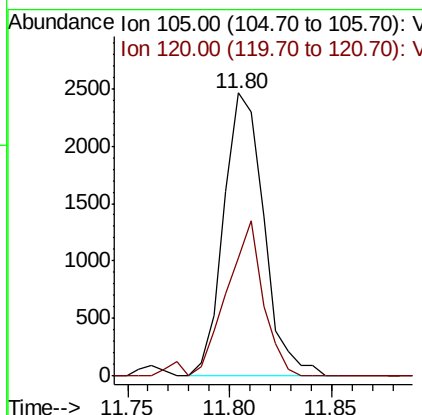
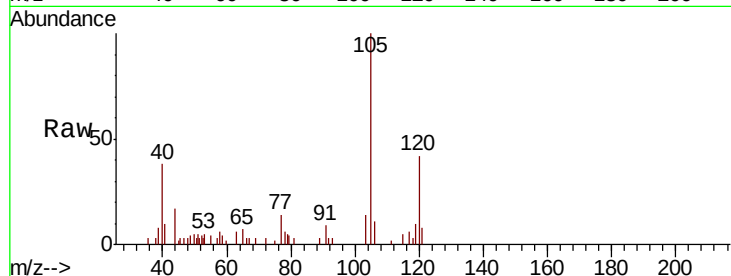




#84
 1,2,4-Trimethylbenzene
 Concen: 0.303 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010370.D
 Acq: 20 Jun 2019 20:18

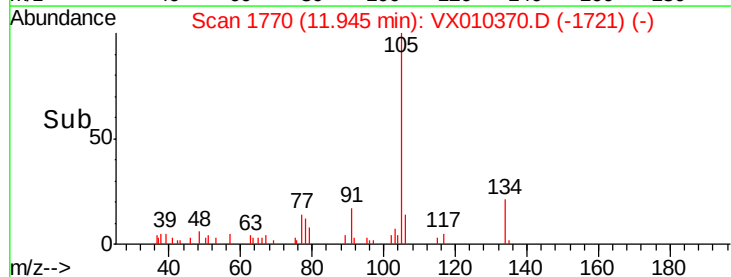
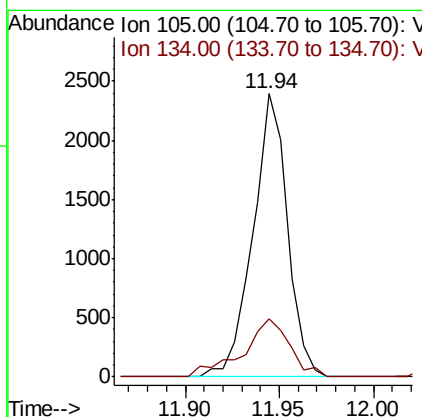
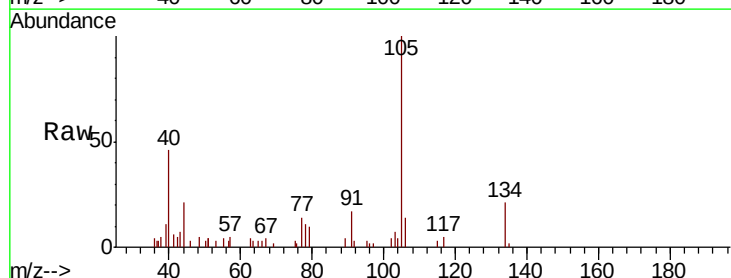
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-9-9.0-061919

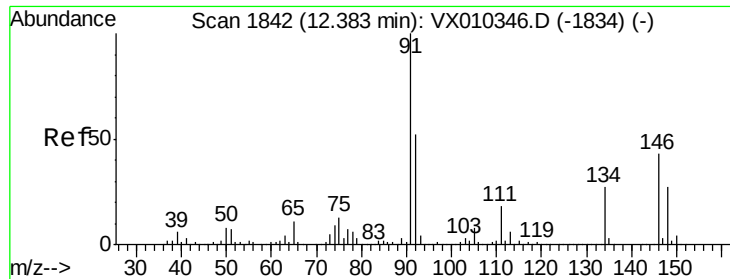
Tot Ion:105 Resp: 3362
 Ion Ratio Lower Upper
 105 100
 120 51.3 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 0.233 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010370.D
 Acq: 20 Jun 2019 20:18

Tgt Ion:105 Resp: 3034
 Ion Ratio Lower Upper
 105 100
 134 27.8 10.7 31.9





#89

n-Butylbenzene

Concen: 0.304 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

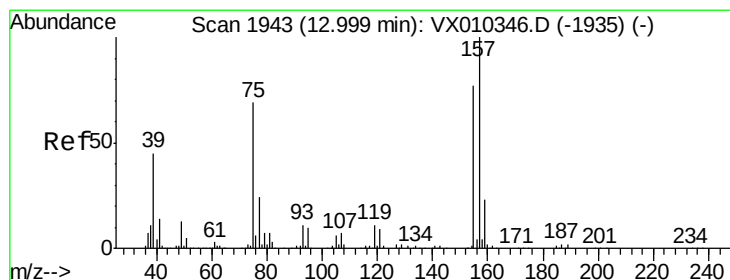
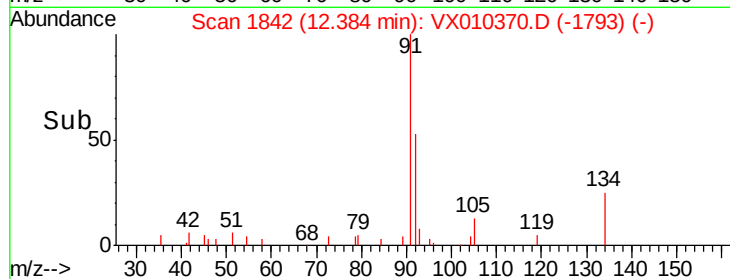
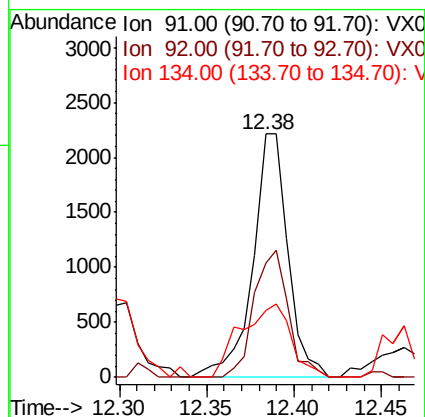
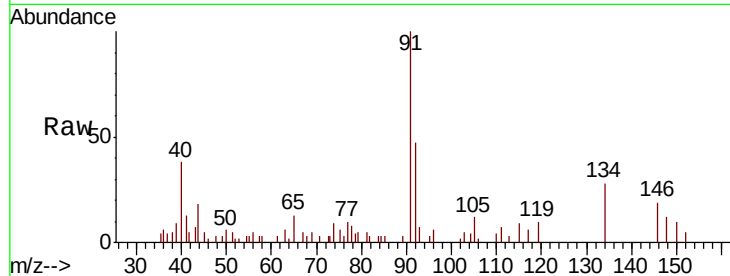
Tot Ion: 91 Resp: 3102

Ion Ratio Lower Upper

91 100

92 50.9 26.2 78.5

134 43.0 14.1 42.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.215 ug/l

RT: 12.97 min Scan# 1938

Delta R.T. -0.03 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

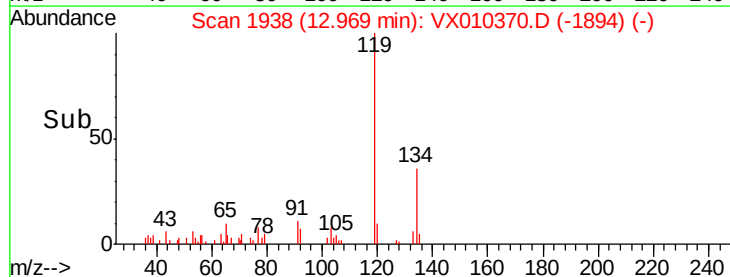
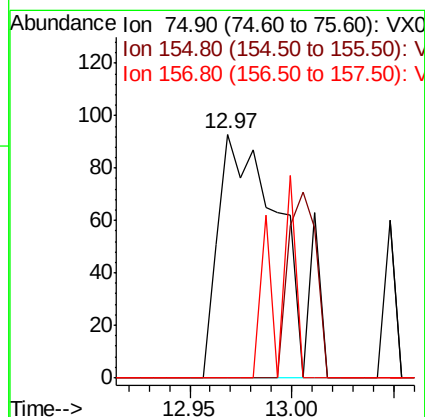
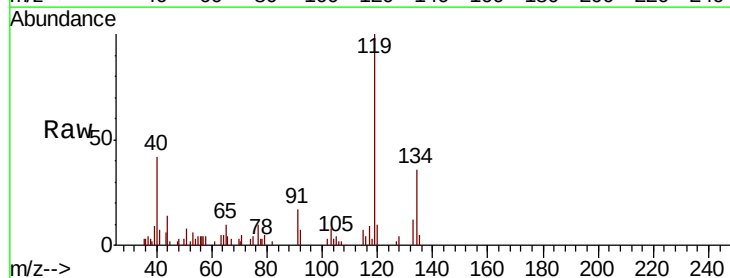
Tgt Ion: 75 Resp: 205

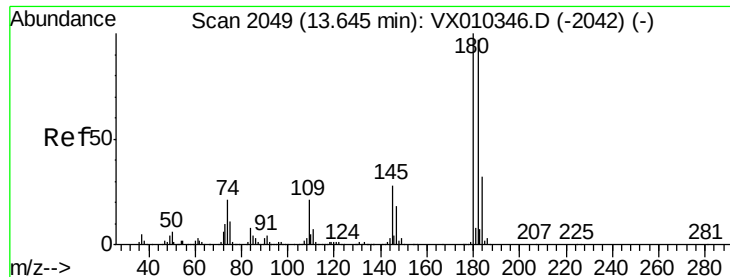
Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 11.2 69.5 208.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.388 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

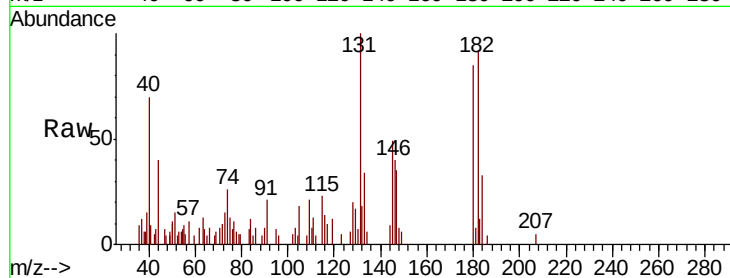
Tot Ion:180 Resp: 1743

Ion Ratio Lower Upper

180 100

182 107.3 48.0 144.0

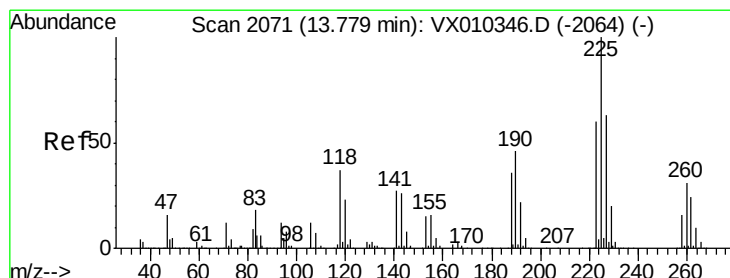
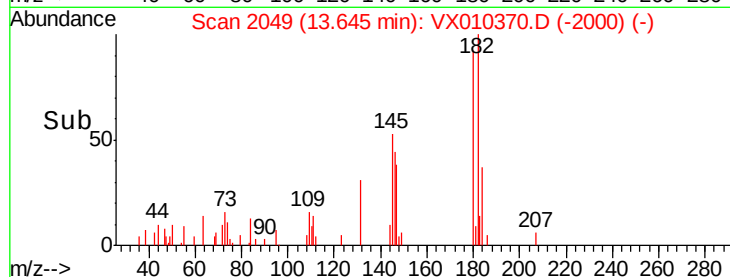
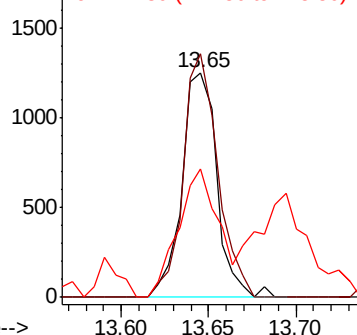
145 66.0 14.4 43.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.218 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

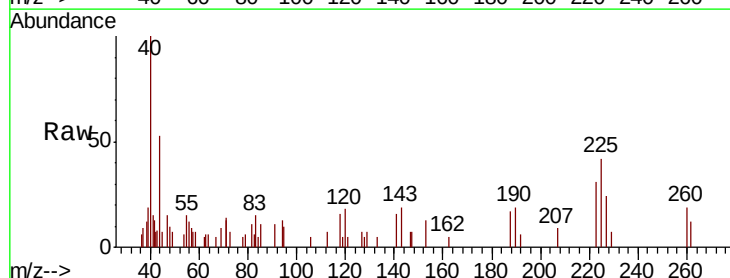
Tgt Ion:225 Resp: 479

Ion Ratio Lower Upper

225 100

223 68.7 30.9 92.7

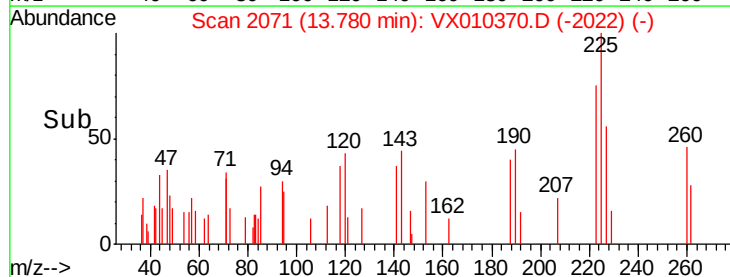
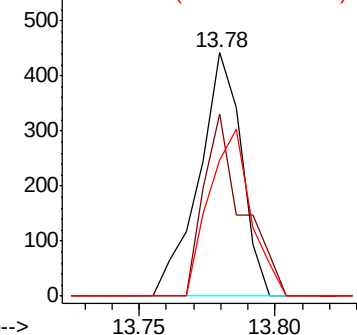
227 67.4 31.9 95.5

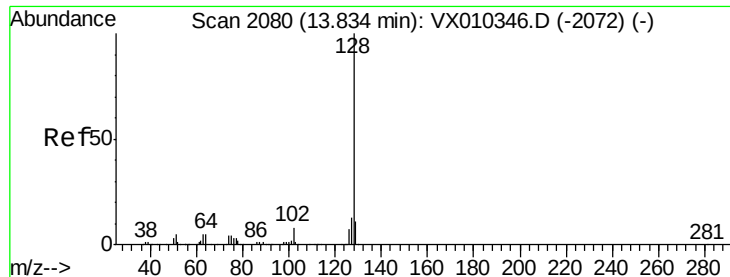


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 2.722 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Instrument :

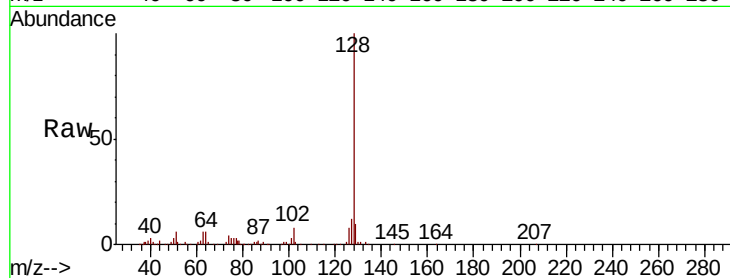
MSVOA_X

ClientSampleId :

T11-MW-9-9.0-061919

Tot Ion:128 Resp: 37587

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.4	8.9	13.3

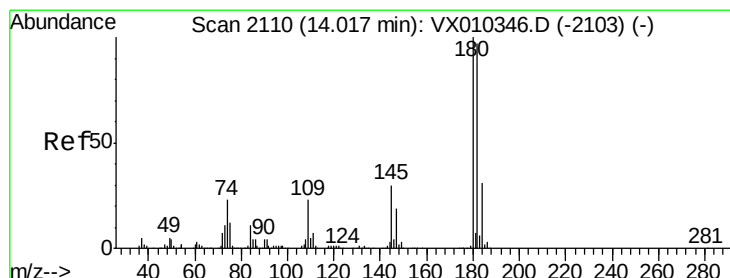
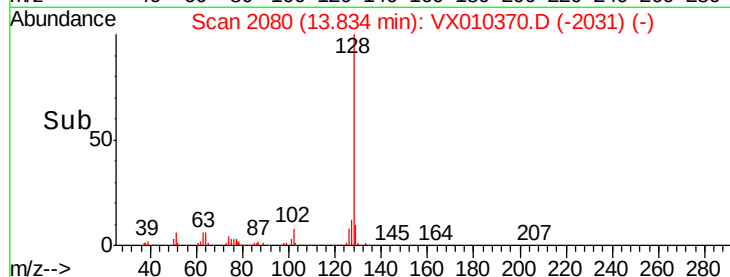
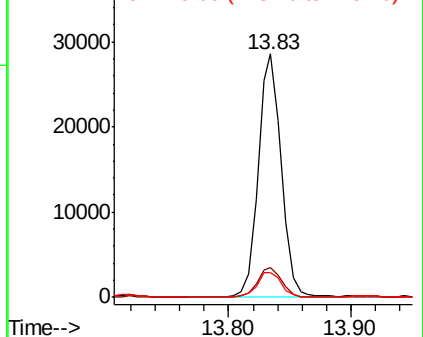


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.344 ug/l

RT: 14.02 min Scan# 2110

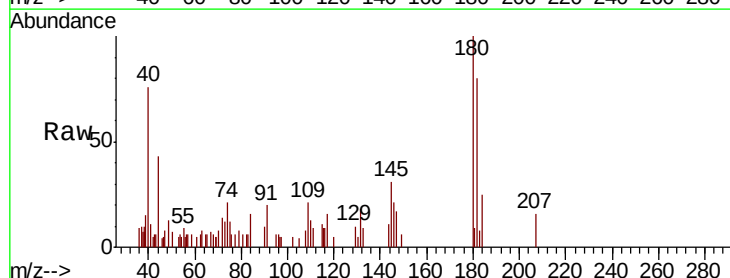
Delta R.T. 0.00 min

Lab File: VX010370.D

Acq: 20 Jun 2019 20:18

Tgt Ion:180 Resp: 1538

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	54.2	15.2	45.6#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

