

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010408.D
 Acq On : 24 Jun 2019 13:17
 Operator : JC/SP
 Sample : K3500-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-B-061919

Quant Time: Jun 25 03:37:29 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	309556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	425556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203990	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	143073	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
35) Dibromofluoromethane	5.50	113	143652	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	551786	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	190531	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	713	0.285	ug/l #	73
11) Tert butyl alcohol	3.02	59	3052	4.019	ug/l #	74
13) Acrolein	2.23	56	210	0.417	ug/l #	14
14) Allyl chloride	2.61	41	1535	0.403	ug/l #	26
15) Acrylonitrile	3.18	53	2323	1.545	ug/l #	51
16) Acetone	2.45	43	4938	3.395	ug/l	93
17) Carbon Disulfide	2.57	76	1481	0.206	ug/l	97
18) Methyl Acetate	2.85	43	42048	14.504	ug/l #	49
20) Methylene Chloride	2.86	84	1025	0.342	ug/l #	56
25) 2-Butanone	4.68	43	911	0.427	ug/l #	40
29) Tetrahydrofuran	5.14	42	275	0.208	ug/l #	33
30) Chloroform	5.22	83	7643	1.543	ug/l	87
31) Cyclohexane	5.58	56	17886	4.266	ug/l	91
36) 1,1-Dichloropropene	5.66	75	18536	4.948	ug/l #	48
38) Carbon Tetrachloride	5.67	117	27500	6.779	ug/l #	15
39) Methylcyclohexane	7.46	83	29672	6.026	ug/l	100
48) Methyl methacrylate	7.74	41	1982	0.669	ug/l #	43
49) 1,4-Dioxane	7.74	88	21	0.246	ug/l #	1
56) Ethyl methacrylate	9.16	69	1558	0.324	ug/l #	38
60) Dibromochloromethane	9.34	129	3823	1.077	ug/l #	11
64) Tetrachloroethene	9.34	164	4225	1.227	ug/l	94
67) Ethyl Benzene	10.25	91	18043	1.237	ug/l	94
68) m/p-Xylenes	10.35	106	4512	0.798	ug/l	99
69) o-Xylene	10.70	106	1158	0.208	ug/l	94
73) Isopropylbenzene	11.02	105	210307	15.209	ug/l	98
76) 1,2,3-Trichloropropane	11.36	75	8347	2.245	ug/l #	1
78) n-propylbenzene	11.36	91	1376135	90.550	ug/l	100
79) 2-Chlorotoluene	11.43	91	398891	44.077	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	1477164	129.581	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	87953	55.198	ug/l #	16
82) 4-Chlorotoluene	11.51	91	152311	14.791	ug/l #	42
83) tert-Butylbenzene	11.81	119	509271	44.511	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.80	105	4027957	351.695	ug/l	99
85) sec-Butylbenzene	11.94	105	260143	19.365	ug/l	96

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

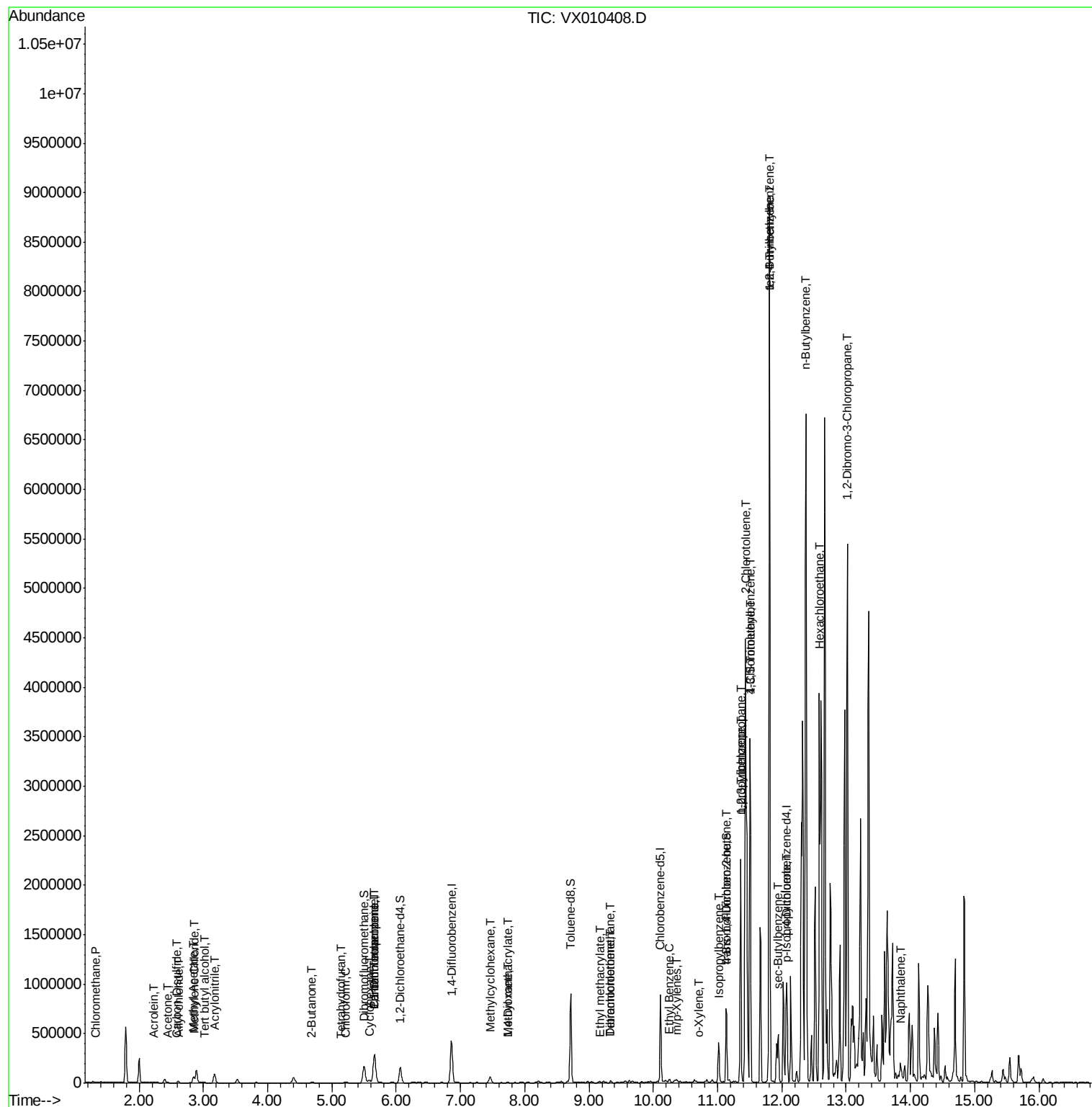
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	156511	12.595	ug/l	98
89) n-Butylbenzene	12.38	91	955409	90.483	ug/l #	18
90) Hexachloroethane	12.58	117	162326	75.549	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	16103	16.309	ug/l #	1
95) Naphthalene	13.83	128	61184	4.286	ug/l #	88

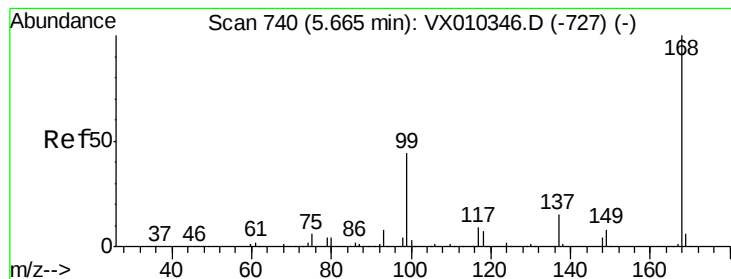
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

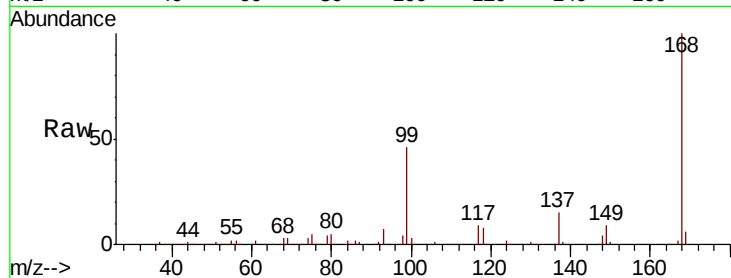
GW-B-061919

Tot Ion:168 Resp: 309556

Ion Ratio Lower Upper

168 100

99 45.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

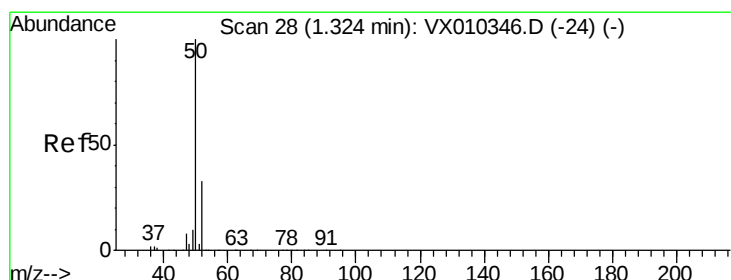
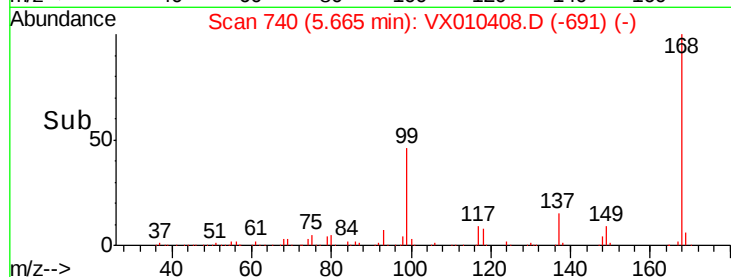
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.285 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010408.D

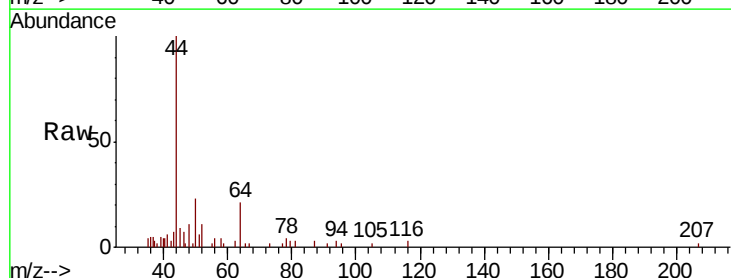
Acq: 24 Jun 2019 13:17

Tgt Ion: 50 Resp: 713

Ion Ratio Lower Upper

50 100

52 48.4 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

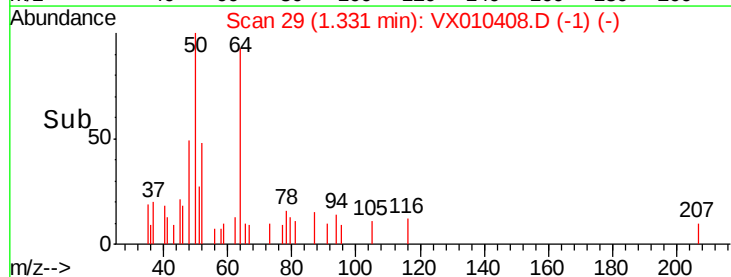
600

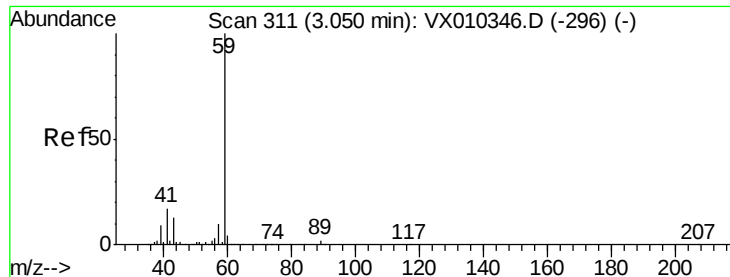
400

200

0

Time--> 1.30 1.35



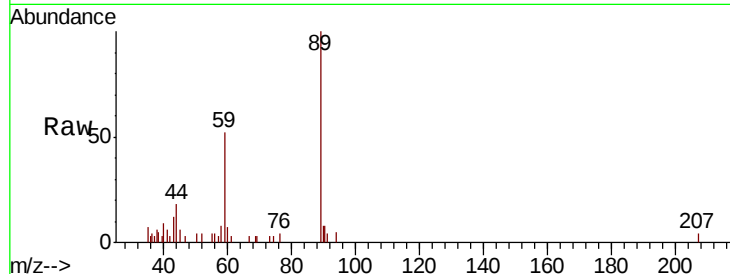


#11

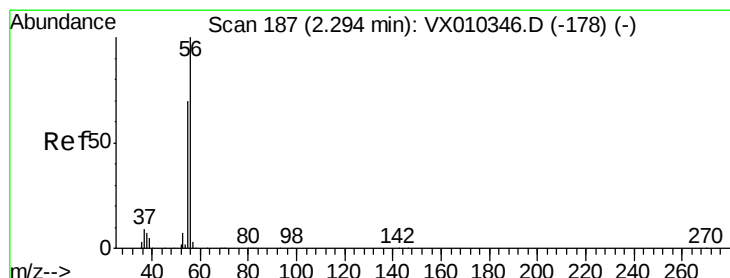
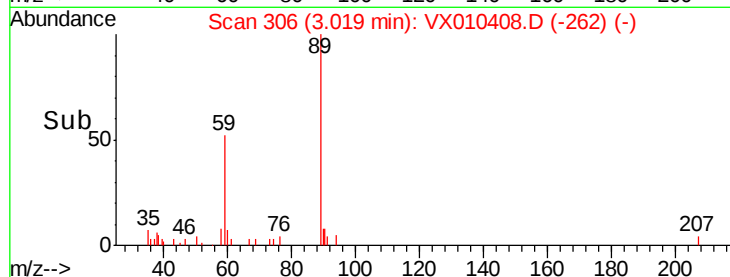
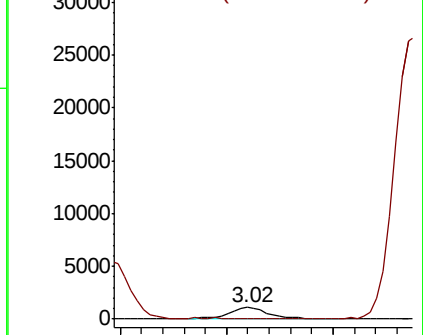
Tert butyl alcohol
Concen: 4.019 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
GW-B-061919

Tot Ion: 59 Resp: 3052
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



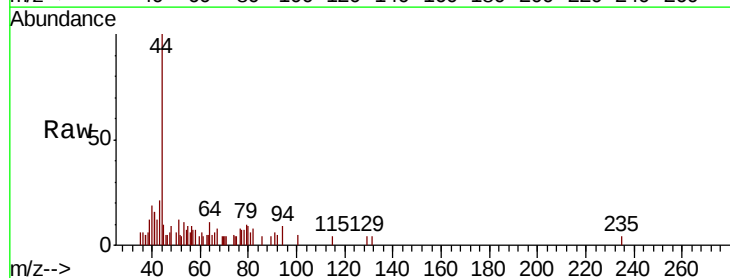
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



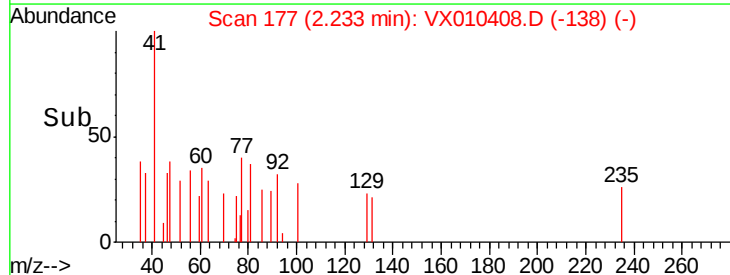
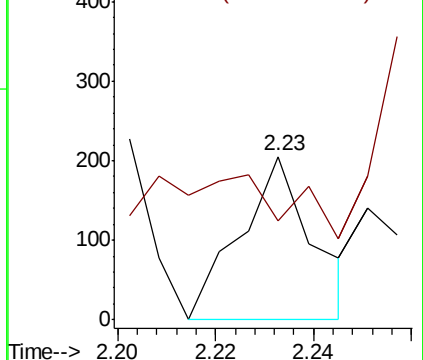
#13

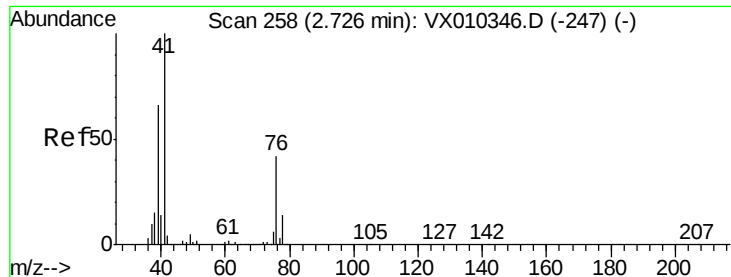
Acrolein
Concen: 0.417 ug/l
RT: 2.23 min Scan# 177
Delta R.T. -0.06 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 56 Resp: 210
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

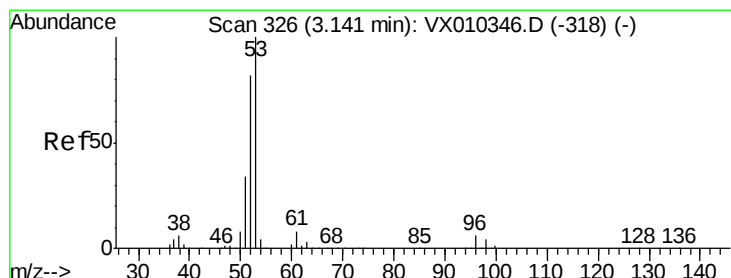
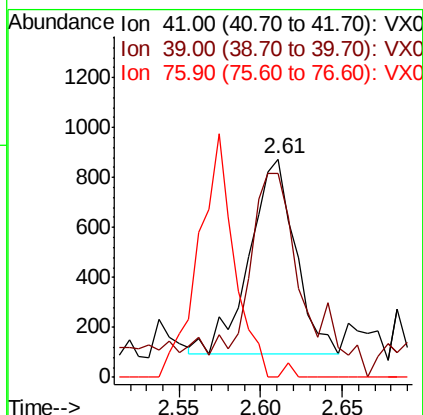
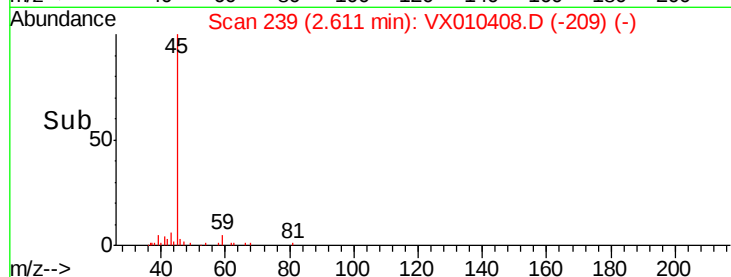
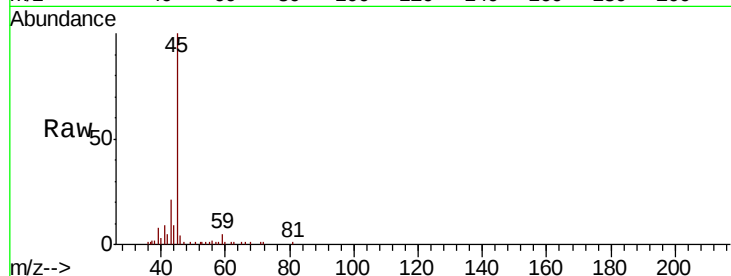




#14
Allvl chloride
Concen: 0.403 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.12 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

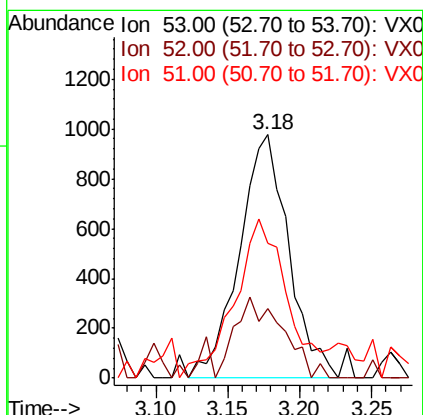
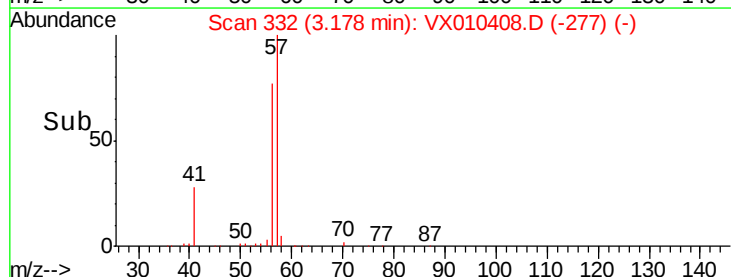
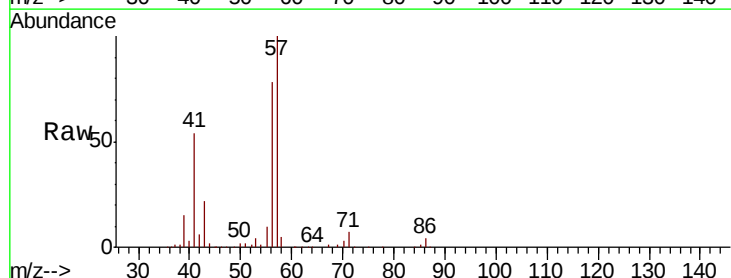
Instrument :
MSVOA_X
ClientSampleId :
GW-B-061919

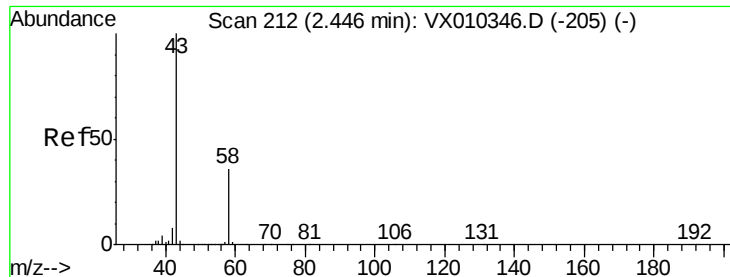
Tot Ion: 41 Resp: 1535
Ion Ratio Lower Upper
41 100
39 125.3 50.3 75.5#
76 0.0 31.3 46.9#



#15
Acrylonitrile
Concen: 1.545 ug/l
RT: 3.18 min Scan# 332
Delta R.T. 0.04 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 53 Resp: 2323
Ion Ratio Lower Upper
53 100
52 32.3 65.5 98.3#
51 54.7 28.2 42.4#





#16

Acetone

Concen: 3.395 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

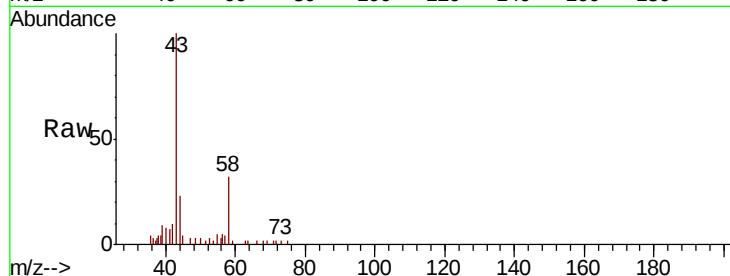
GW-B-061919

Tot Ion: 43 Resp: 4938

Ion Ratio Lower Upper

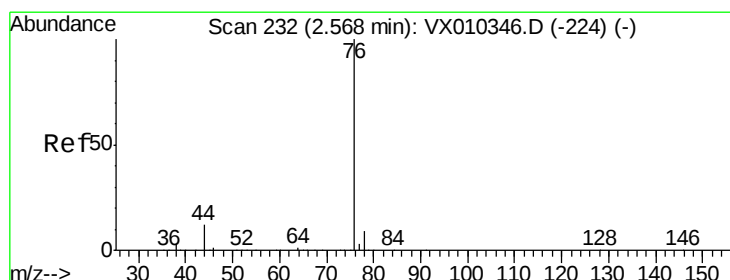
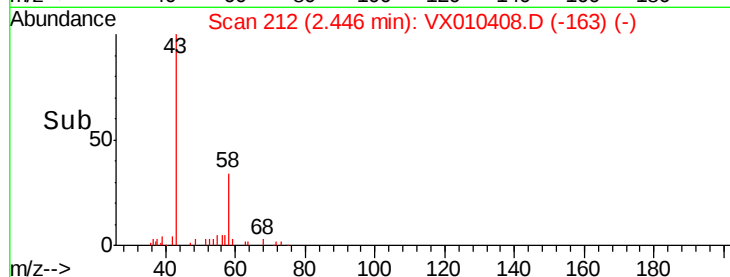
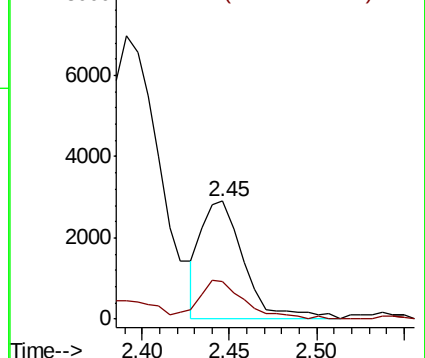
43 100

58 32.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010408.D

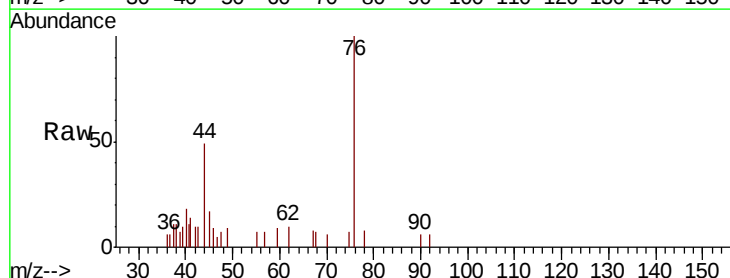
Acq: 24 Jun 2019 13:17

Tgt Ion: 76 Resp: 1481

Ion Ratio Lower Upper

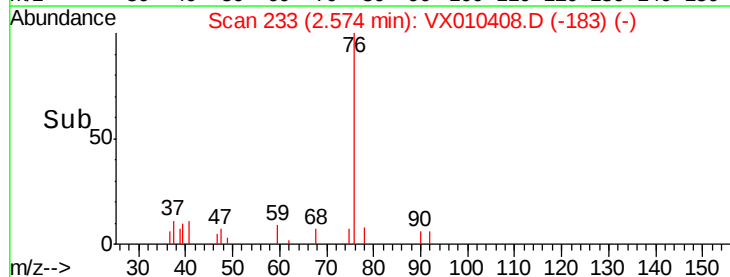
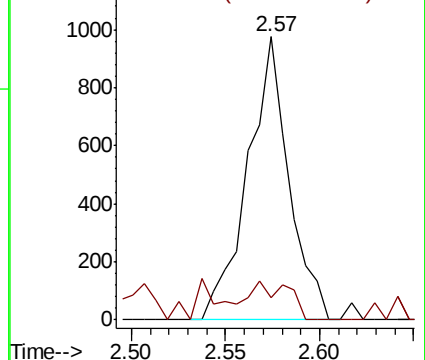
76 100

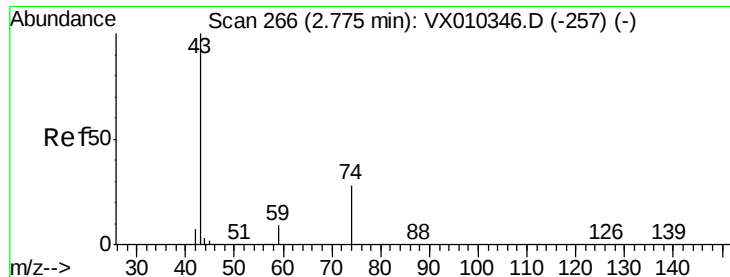
78 7.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

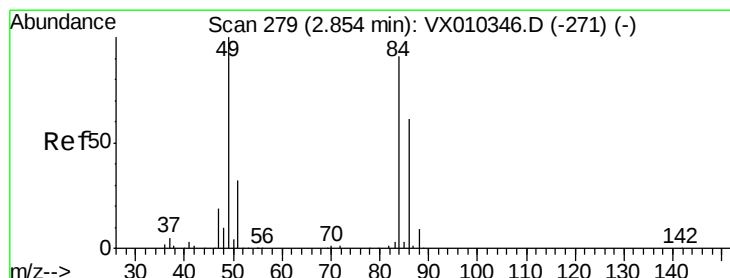
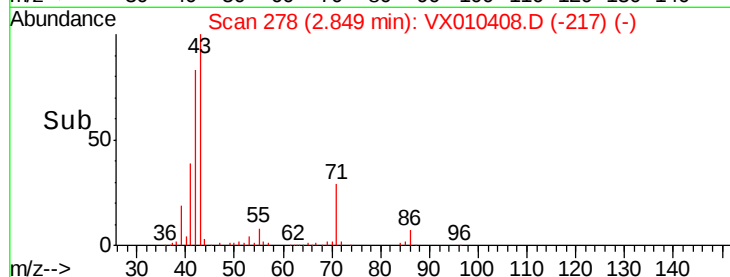
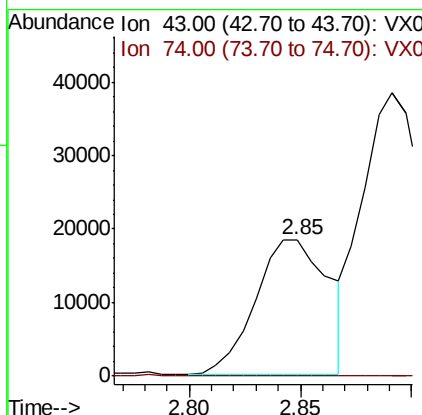
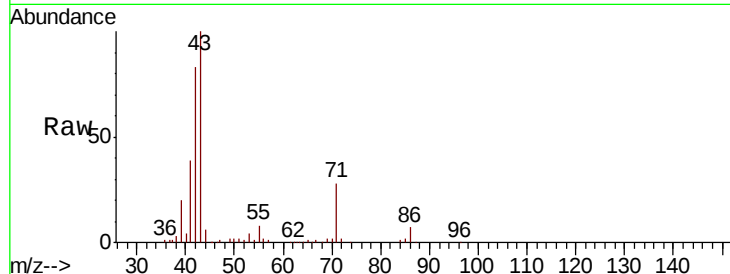




#18
Methvl Acetate
Concen: 14.504 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.07 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

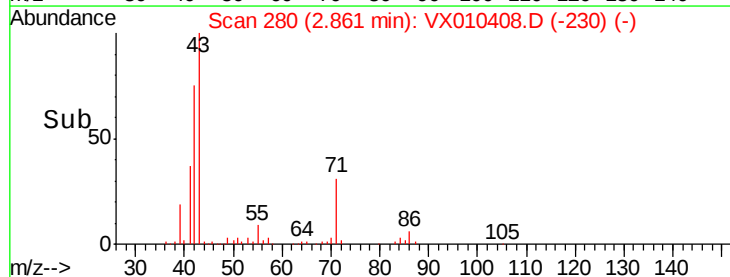
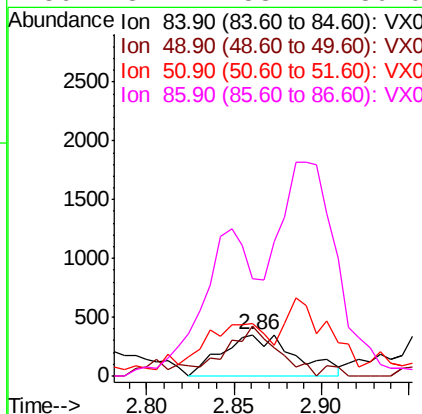
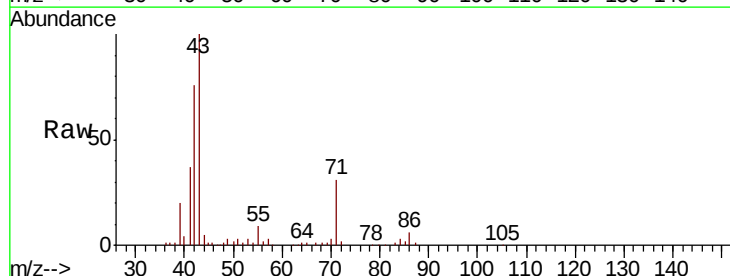
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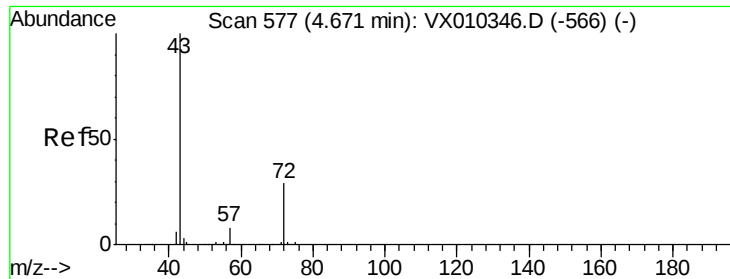
Tot Ion: 43 Resp: 42048
Ion Ratio Lower Upper
43 100
74 0.1 21.3 31.9#



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 84 Resp: 1025
Ion Ratio Lower Upper
84 100
49 99.4 87.5 131.3
51 79.3 27.7 41.5#
86 132.7 53.4 80.0#





#25

2-Butanone

Concen: 0.427 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

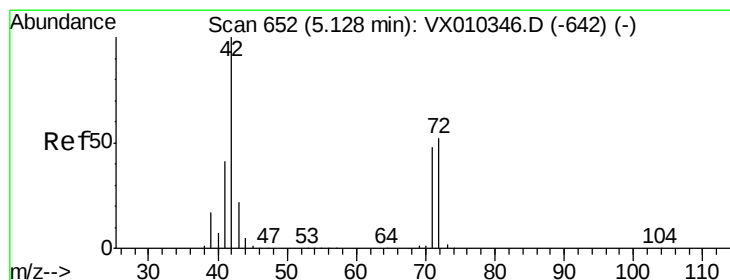
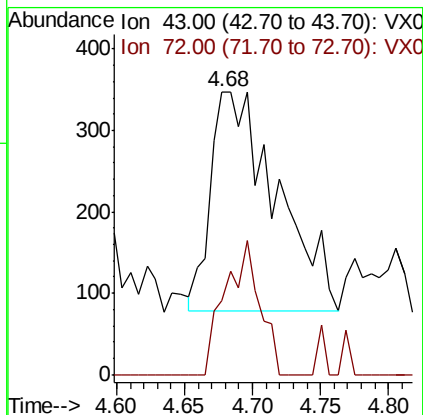
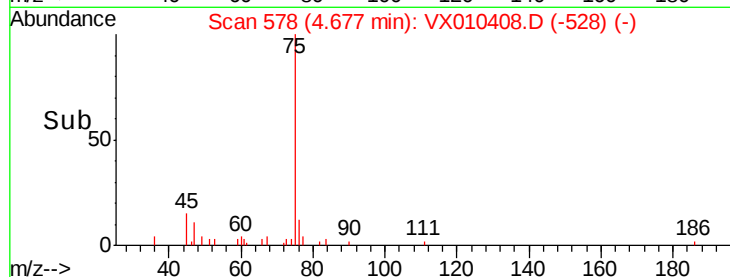
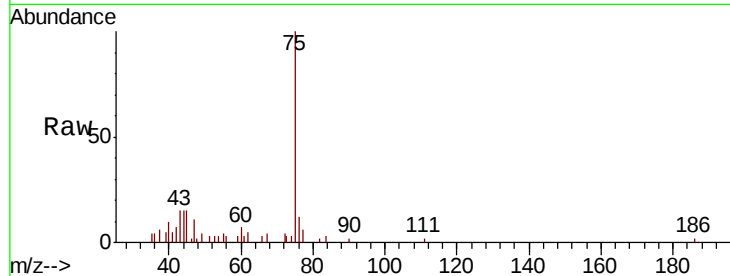
GW-B-061919

Tot Ion: 43 Resp: 911

Ion Ratio Lower Upper

43 100

72 61.1 23.3 34.9#



#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

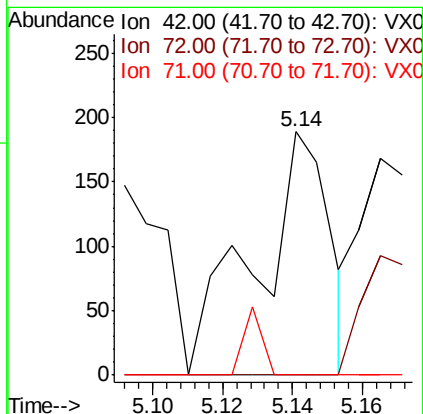
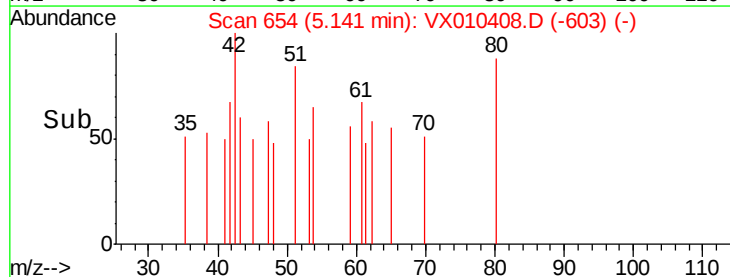
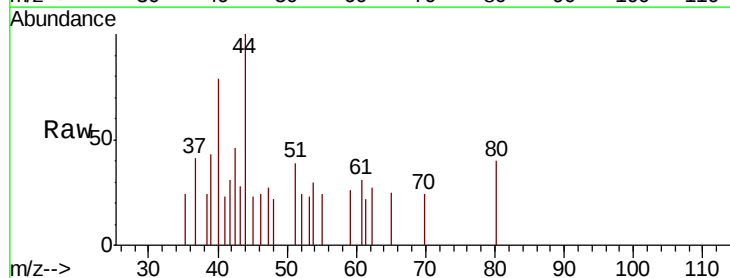
Tgt Ion: 42 Resp: 275

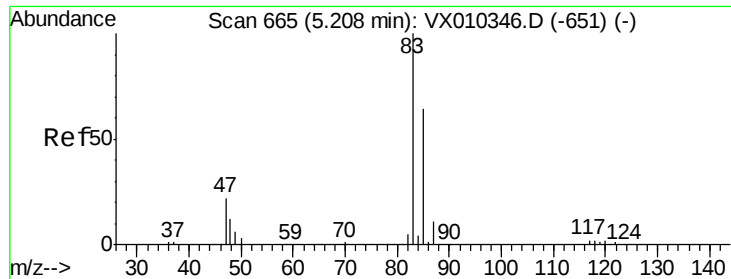
Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

71 6.9 37.8 56.8#

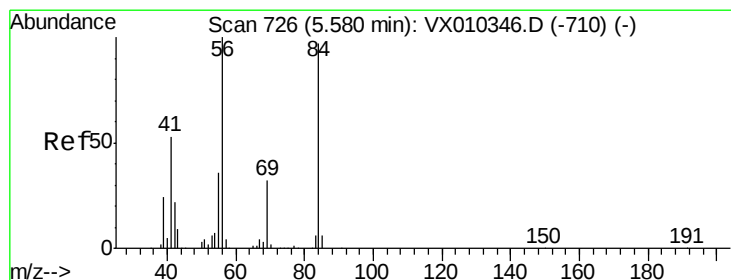
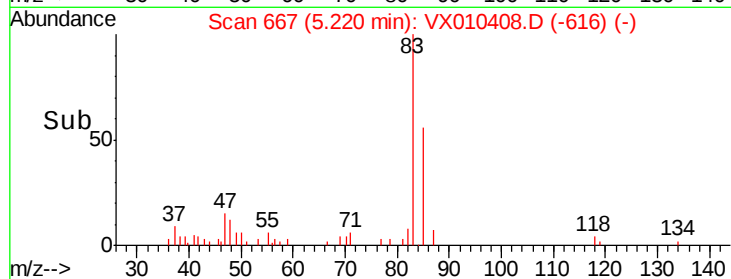
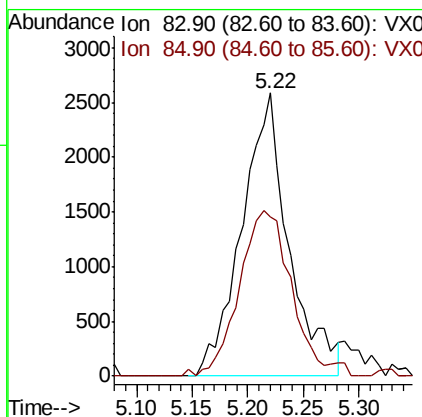
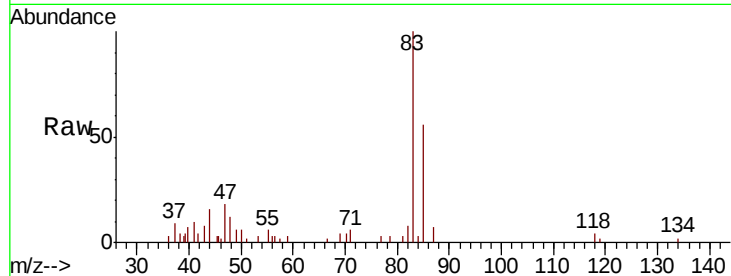




#30
Chloroform
Concen: 1.543 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

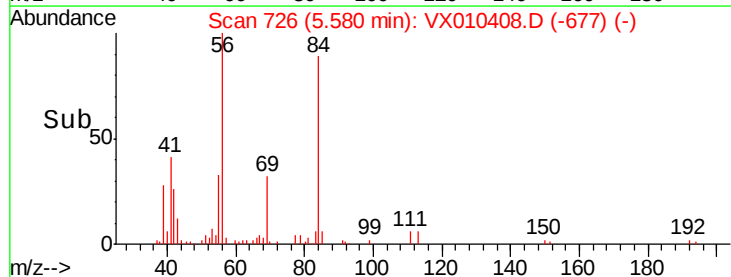
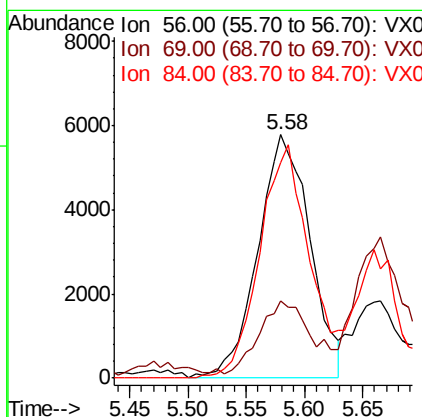
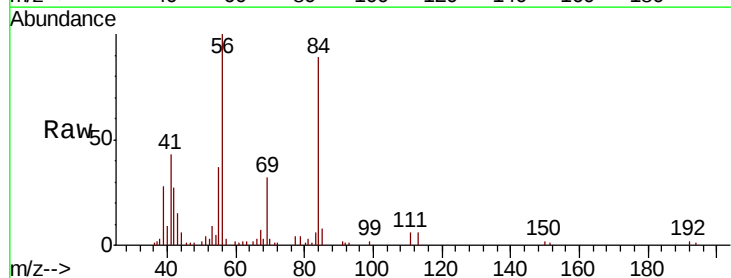
Instrument :
MSVOA_X
ClientSampleId :
GW-B-061919

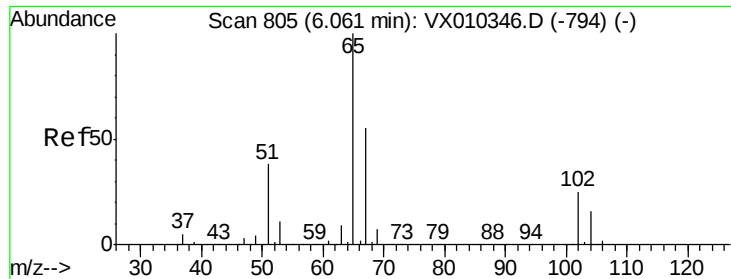
Tot Ion: 83 Resp: 7643
Ion Ratio Lower Upper
83 100
85 53.5 50.9 76.3



#31
Cyclohexane
Concen: 4.266 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 56 Resp: 17886
Ion Ratio Lower Upper
56 100
69 27.4 25.9 38.9
84 88.6 78.0 117.0

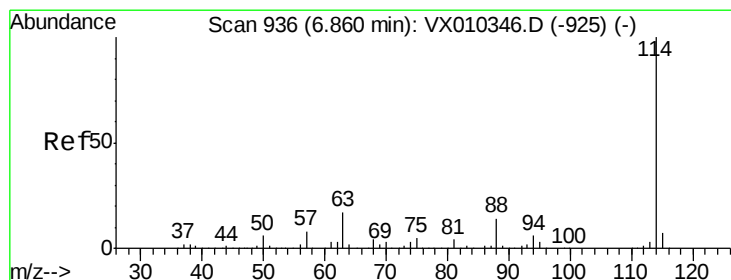
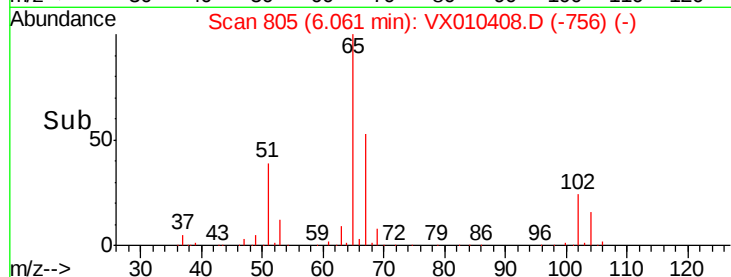
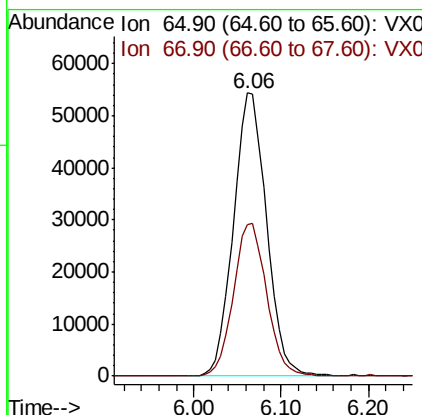
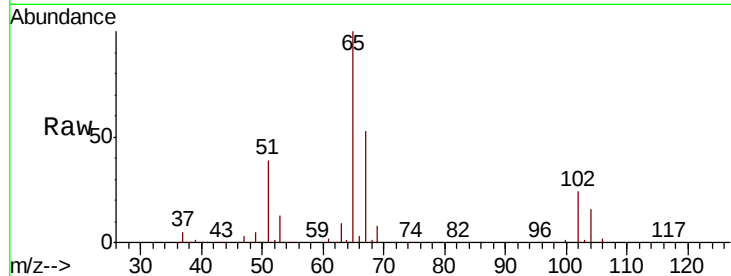




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010408.D
 Acq: 24 Jun 2019 13:17

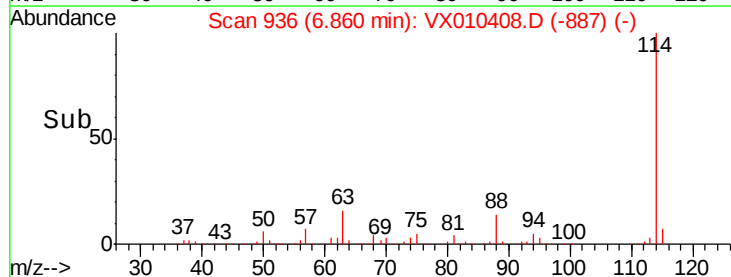
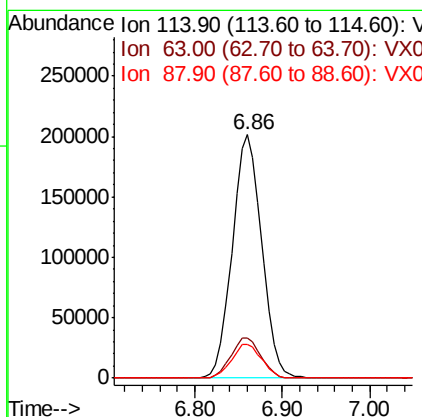
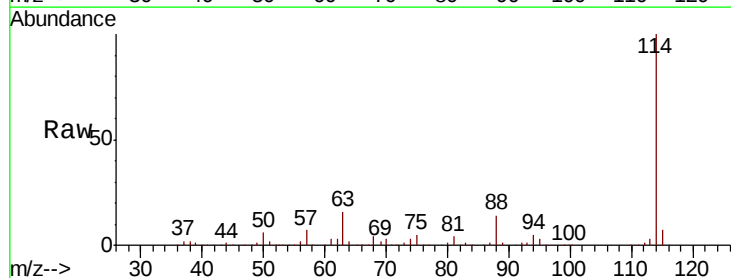
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-B-061919

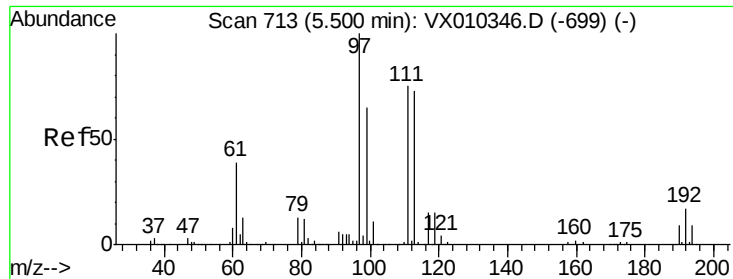
Tot Ion: 65 Resp: 143073
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010408.D
 Acq: 24 Jun 2019 13:17

Tgt Ion: 114 Resp: 471409
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 33.8
 88 13.9 0.0 27.6

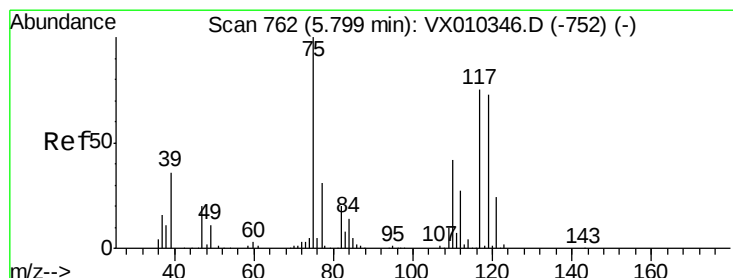
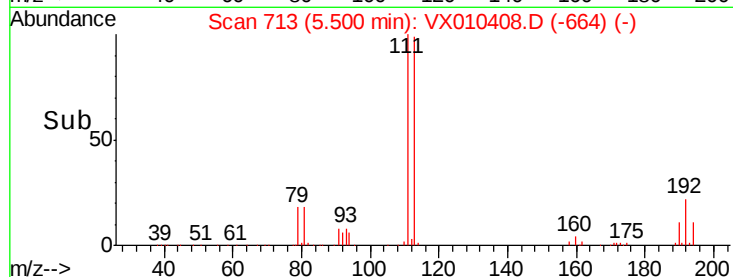
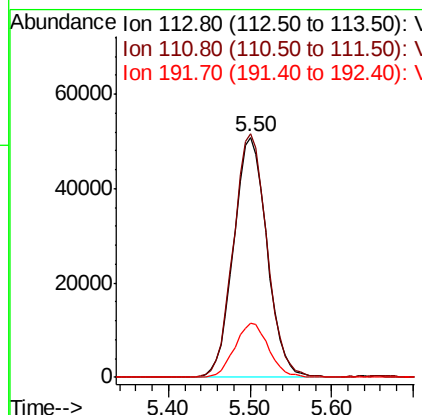
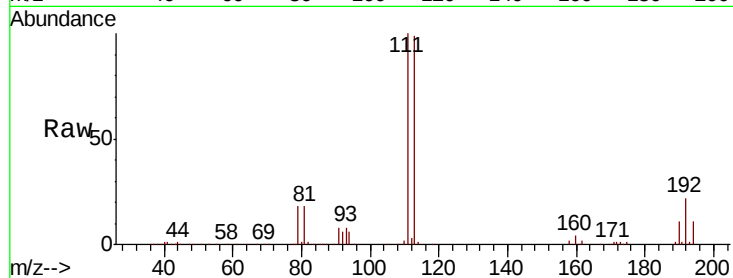




#35
 Dibromofluoromethane
 Concen: 49.806 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010408.D
 Acq: 24 Jun 2019 13:17

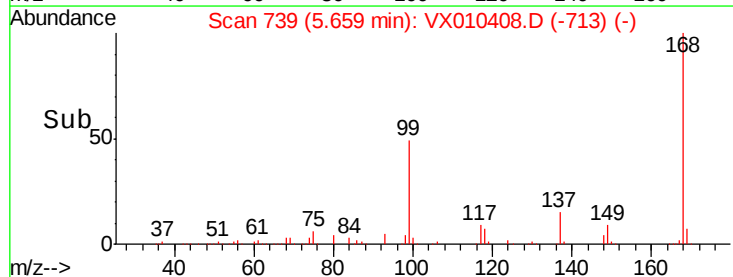
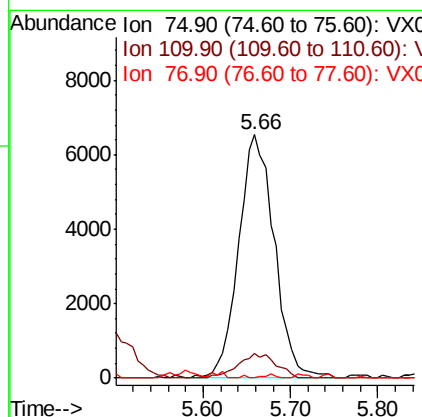
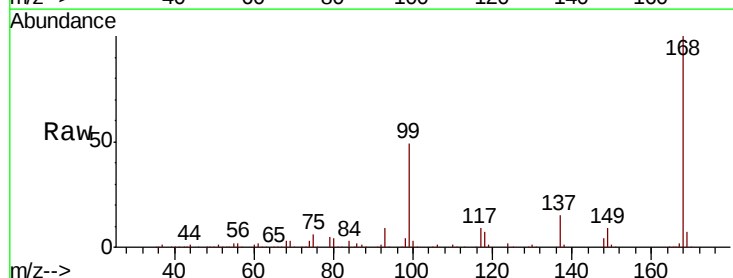
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-B-061919

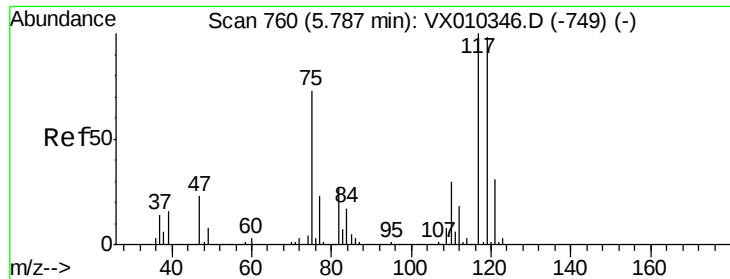
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	22.8	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 4.948 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010408.D
 Acq: 24 Jun 2019 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.8	62.2#
77	0.1	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 6.779 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

GW-B-061919

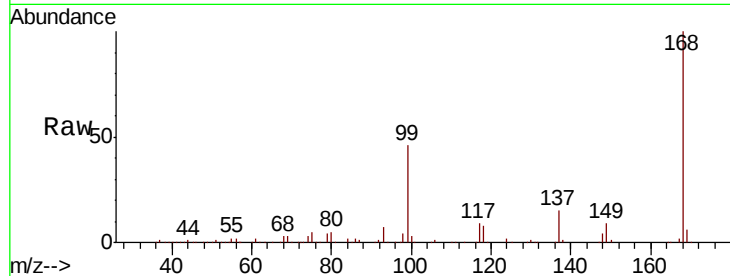
Tot Ion:117 Resp: 27500

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.4#

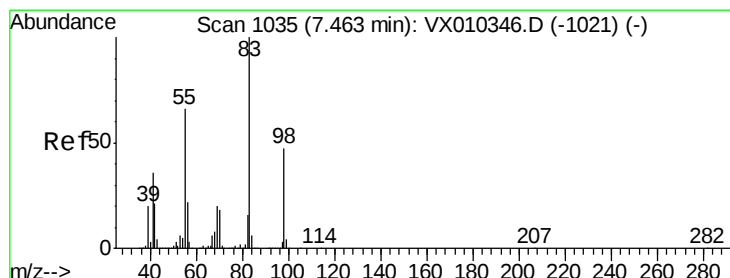
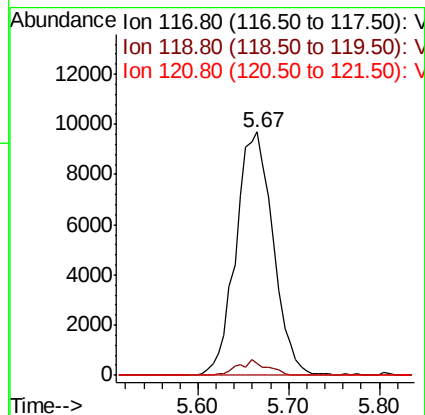
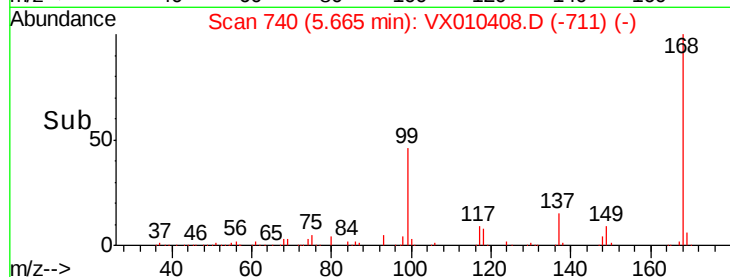
121 0.0 24.7 37.1#



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: 6.026 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

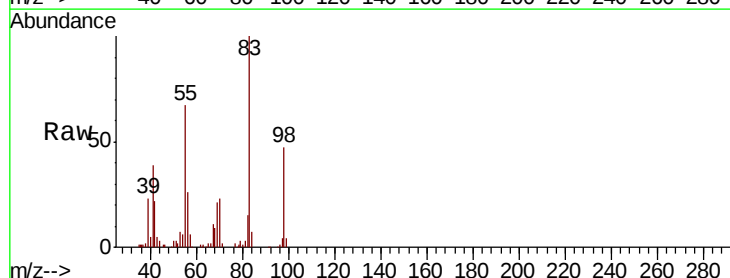
Tgt Ion: 83 Resp: 29672

Ion Ratio Lower Upper

83 100

55 66.4 53.0 79.6

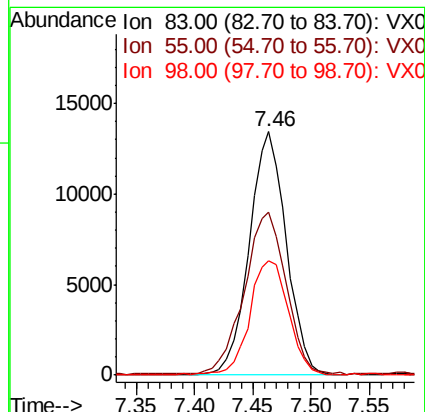
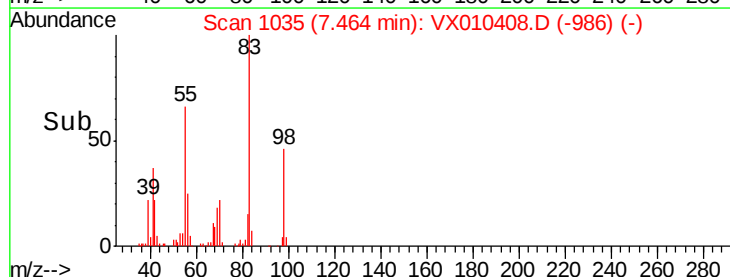
98 47.2 37.8 56.8

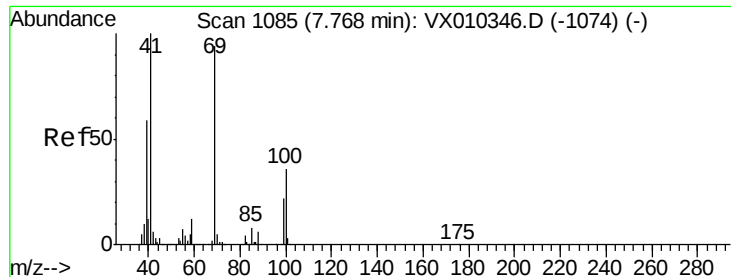


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#48

Methvl methacrylate

Concen: 0.669 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.03 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

GW-B-061919

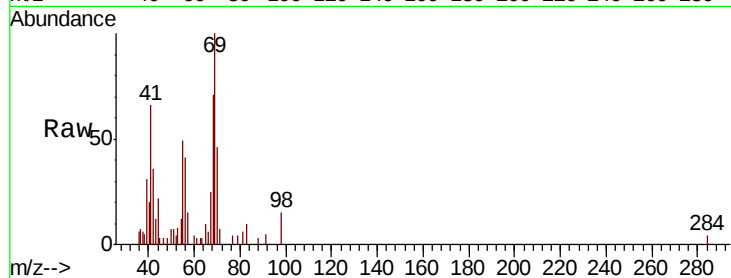
Tot Ion: 41 Resp: 1982

Ion Ratio Lower Upper

41 100

69 177.2 76.1 114.1#

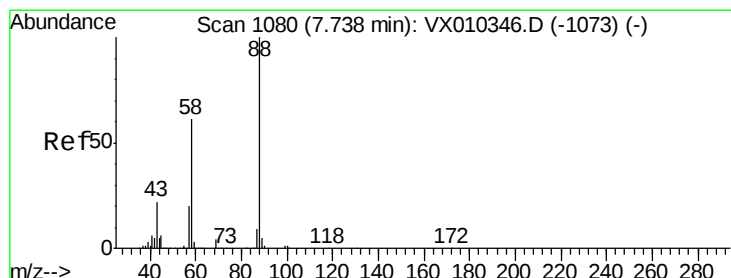
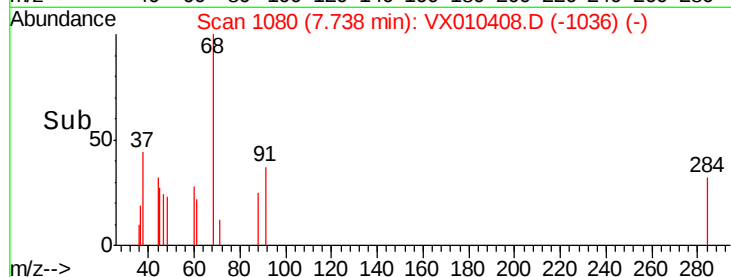
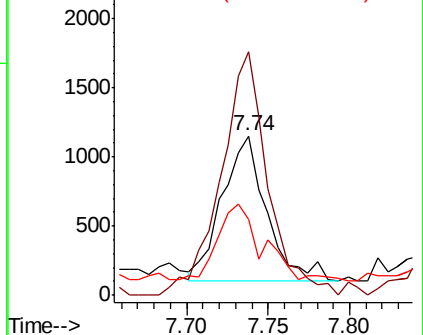
39 50.5 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 0.246 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

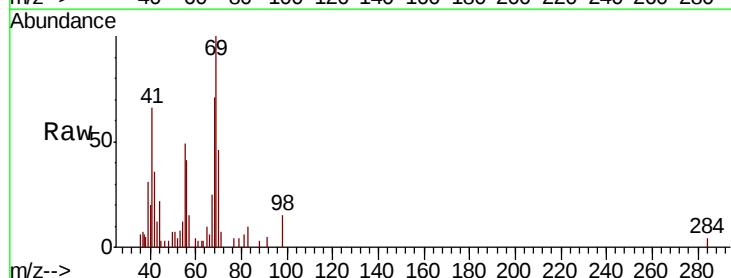
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 2019.0 20.2 30.2#

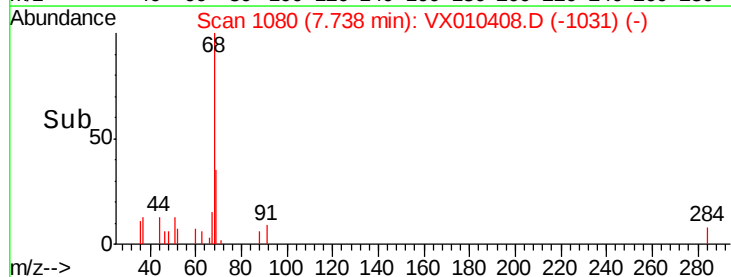
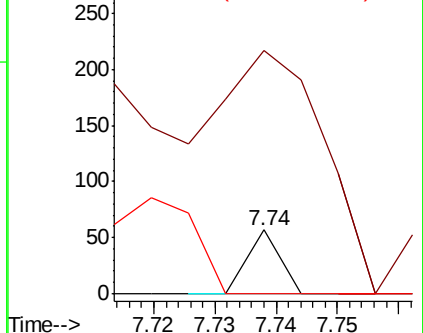
58 381.0 49.5 74.3#

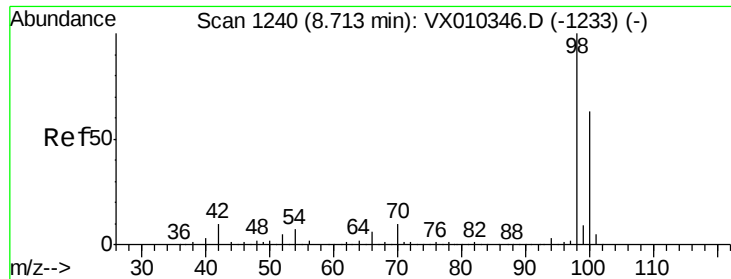


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

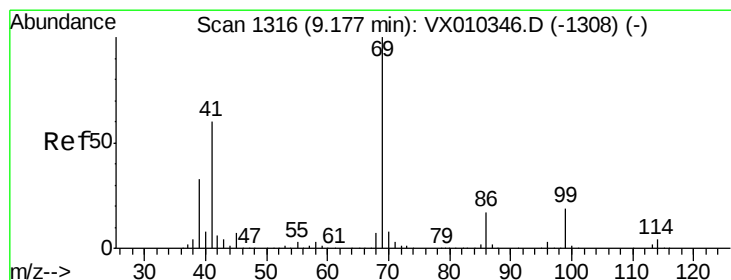
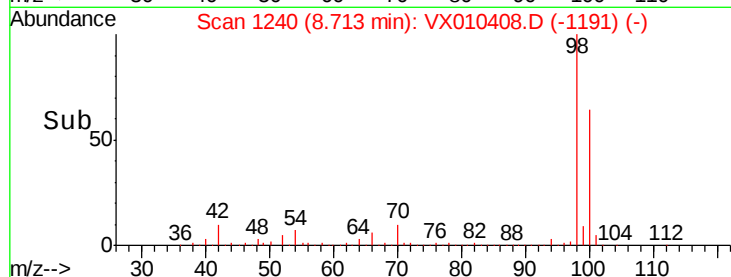
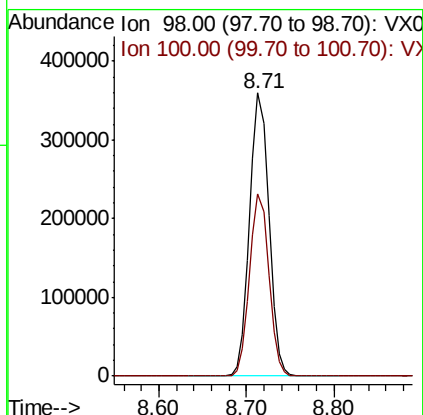
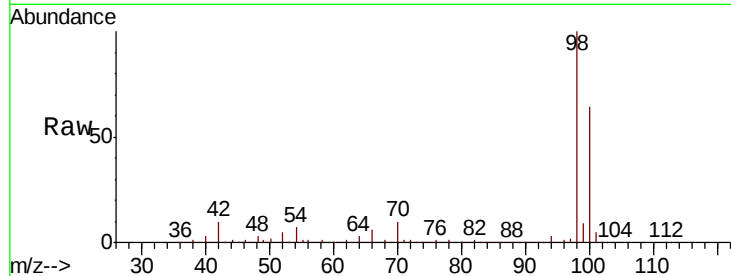




#50
Toluene-d8
Concen: 50.005 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

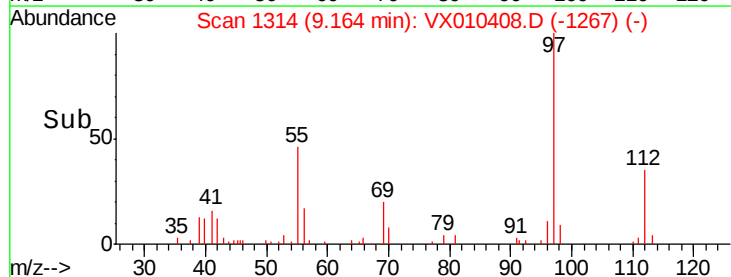
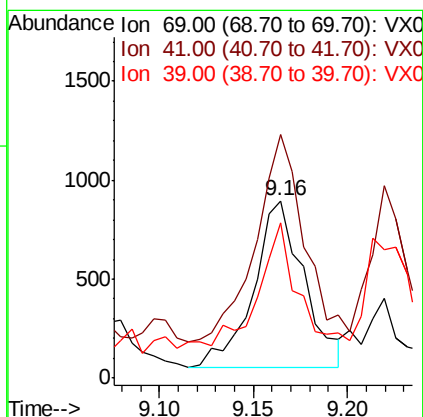
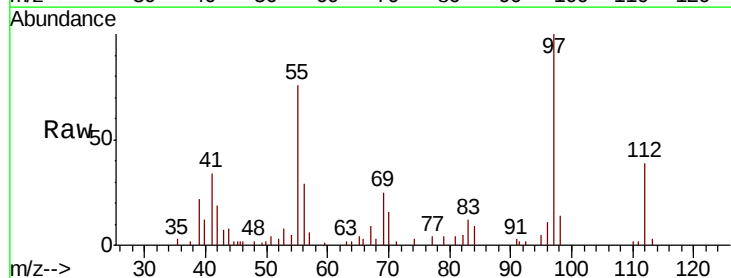
Instrument :
MSVOA_X
ClientSampleId :
GW-B-061919

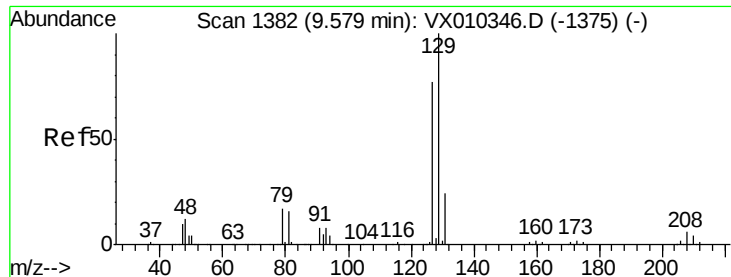
Tot Ion: 98 Resp: 551786
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#56
Ethyl methacrylate
Concen: 0.324 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 69 Resp: 1558
Ion Ratio Lower Upper
69 100
41 120.5 47.1 70.7#
39 48.8 26.6 40.0#





#60

Dibromochloromethane

Concen: 1.077 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

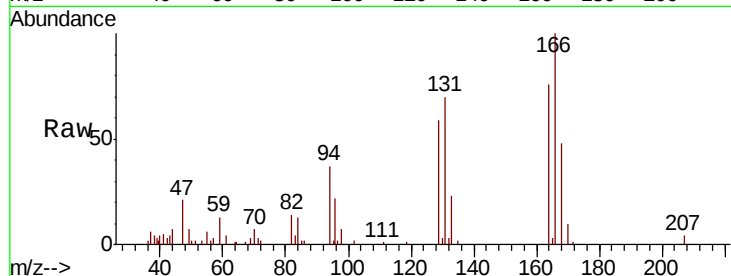
GW-B-061919

Tot Ion:129 Resp: 3823

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.1#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

2500

2000

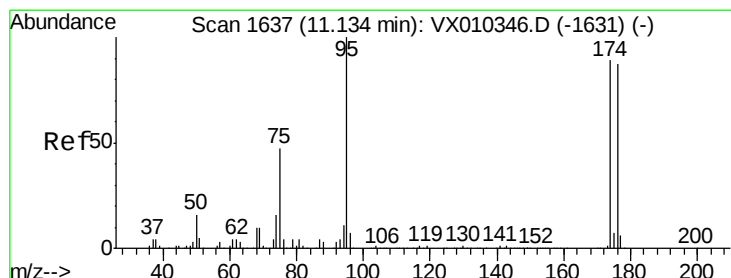
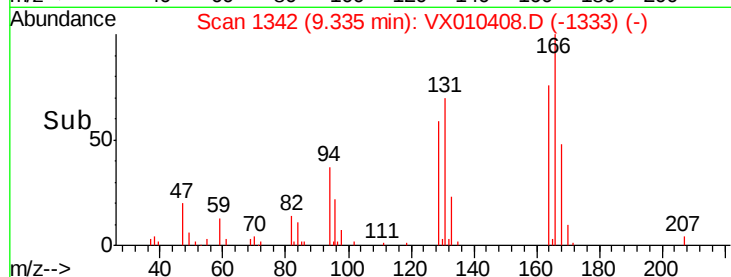
1500

1000

500

0

Time--> 9.30 9.35



#62

4-Bromofluorobenzene

Concen: 47.827 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

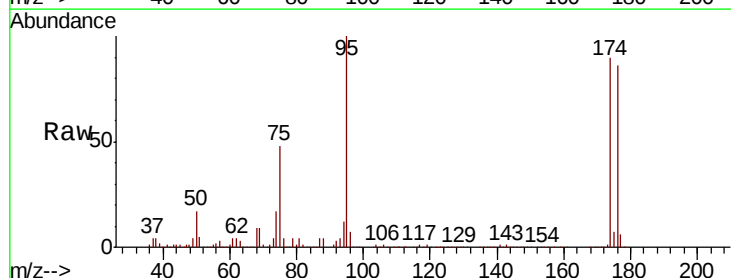
Tgt Ion: 95 Resp: 190531

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.6

176 90.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

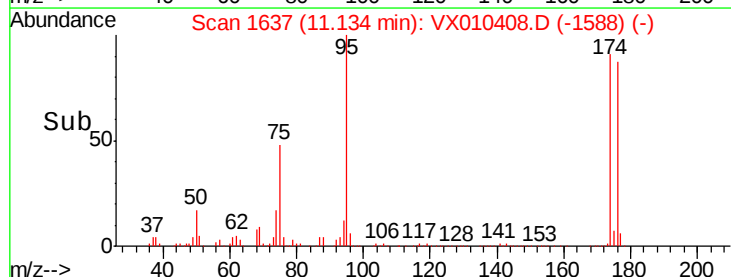
150000

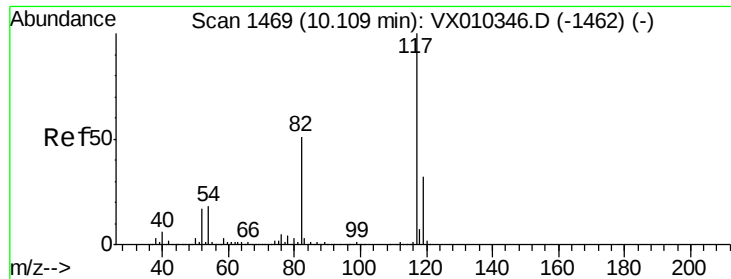
100000

50000

0

Time--> 11.10 11.20

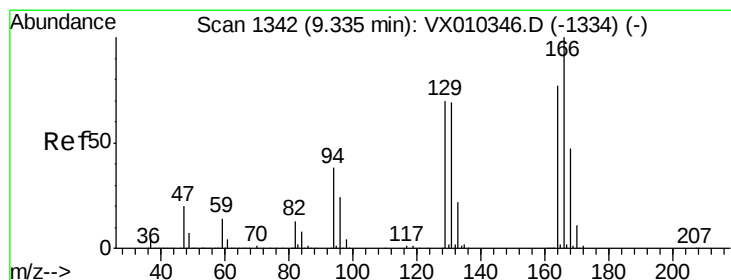
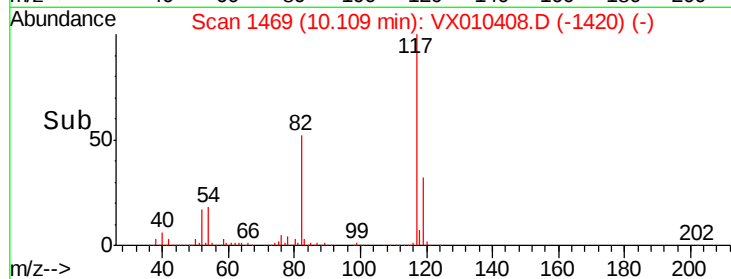
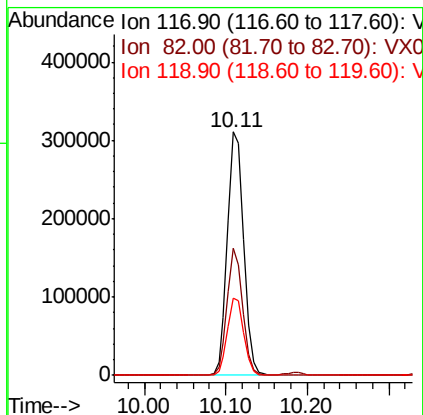
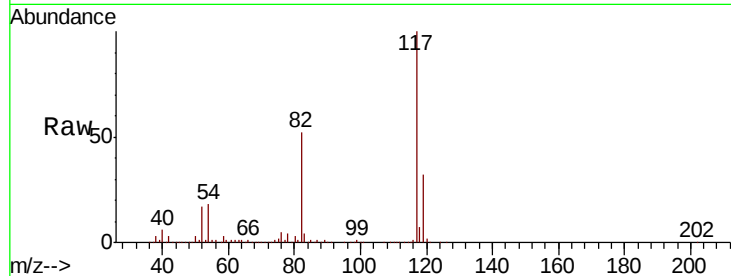




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

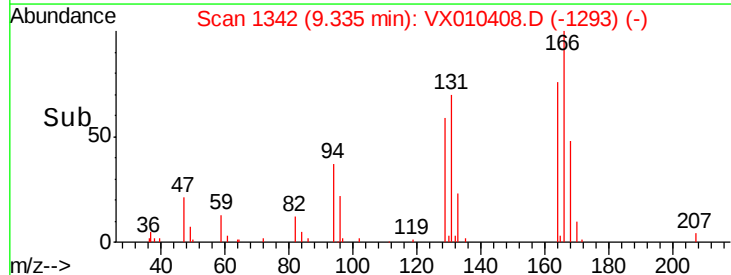
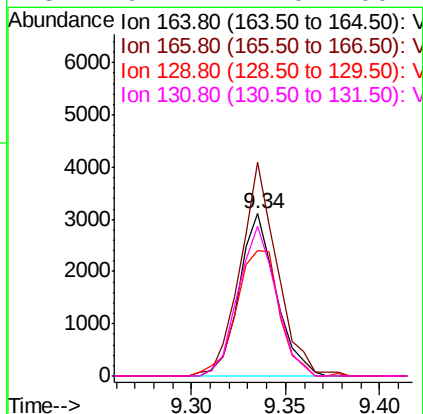
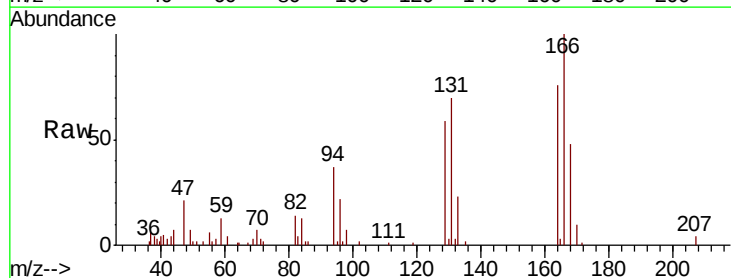
Instrument :
MSVOA_X
ClientSampleId :
GW-B-061919

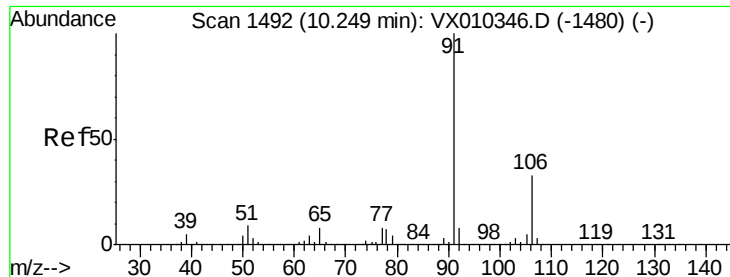
Tot Ion:117 Resp: 425556
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 1.227 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion:164 Resp: 4225
Ion Ratio Lower Upper
164 100
166 131.4 103.6 155.4
129 77.2 73.0 109.4
131 92.1 71.0 106.4





#67

Ethyl Benzene

Concen: 1.237 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

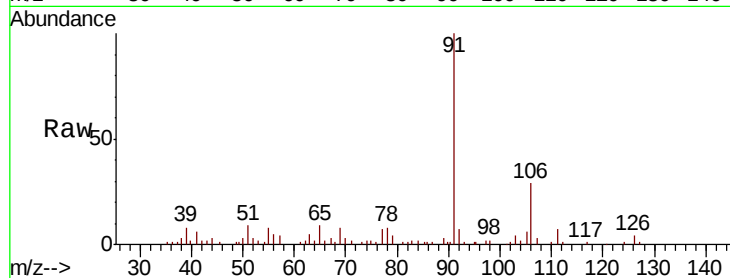
GW-B-061919

Tot Ion: 91 Resp: 18043

Ion Ratio Lower Upper

91 100

106 29.2 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)

Ion 106.00 (105.70 to 106.70): VX010346.D (-1480) (-)

10.25

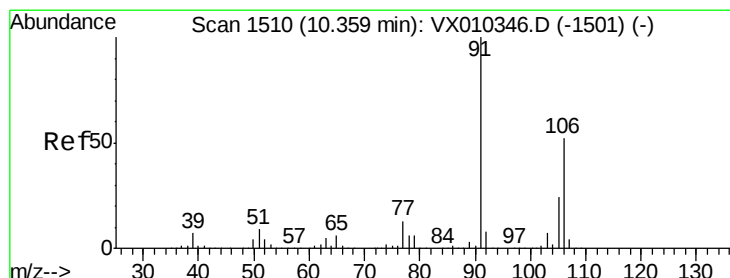
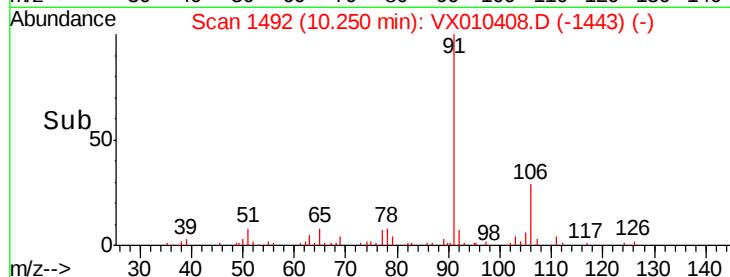
15000

10000

5000

0

Time-->



#68

m/p-Xylenes

Concen: 0.798 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010408.D

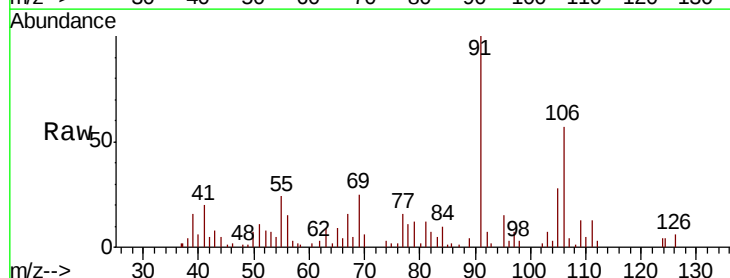
Acq: 24 Jun 2019 13:17

Tgt Ion: 106 Resp: 4512

Ion Ratio Lower Upper

106 100

91 192.6 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

Ion 91.00 (90.70 to 91.70): VX010346.D (-1501) (-)

10.35

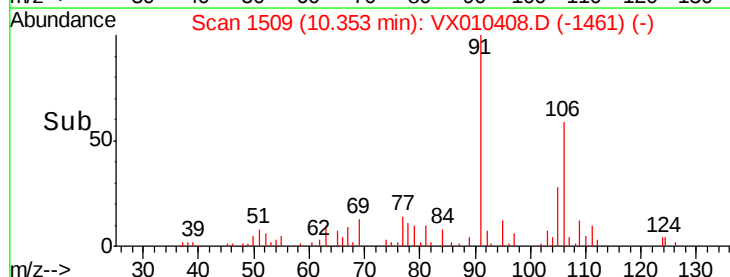
6000

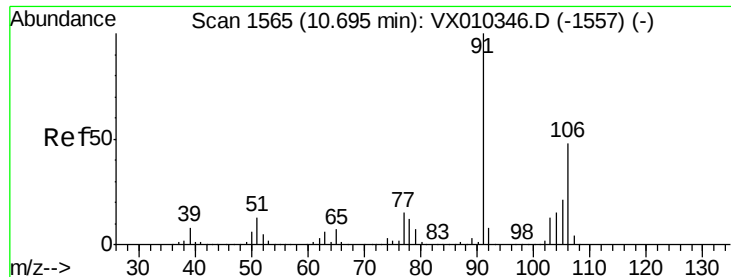
4000

2000

0

Time-->

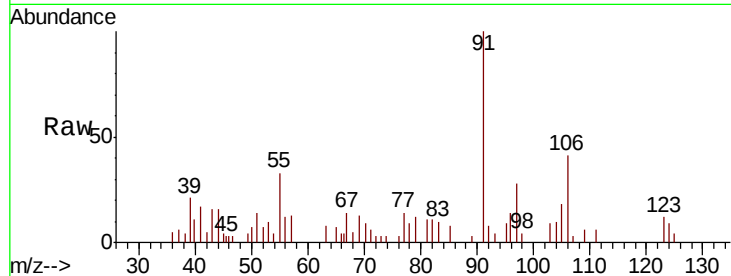




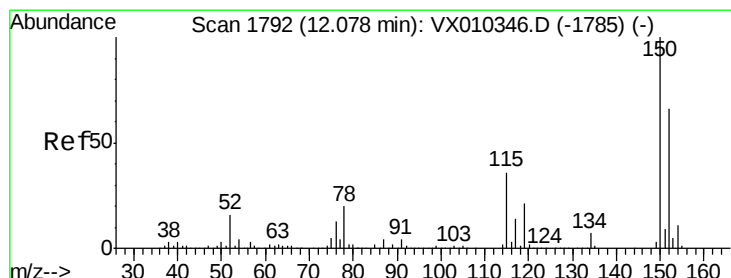
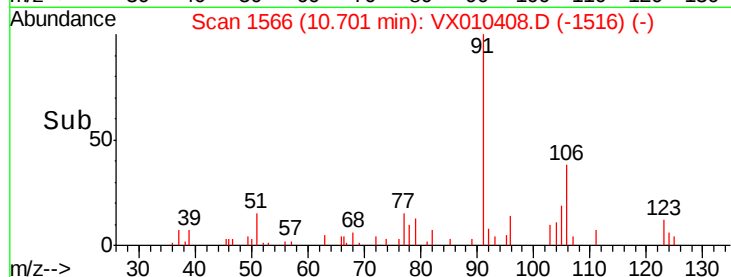
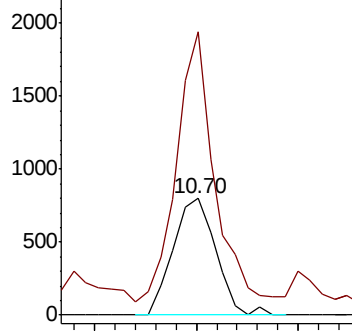
#69
o-Xylene
Concen: 0.208 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
GW-B-061919

Tot Ion:106 Resp: 1158
Ion Ratio Lower Upper
106 100
91 214.2 102.7 308.1

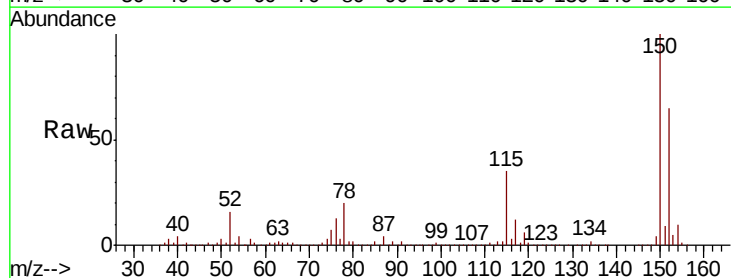


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

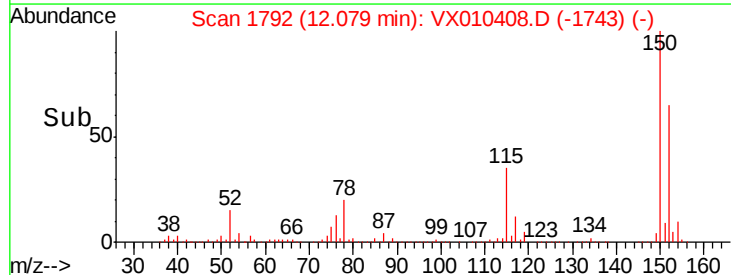
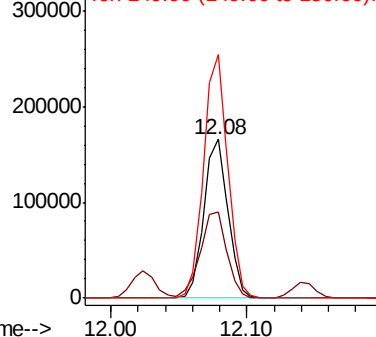


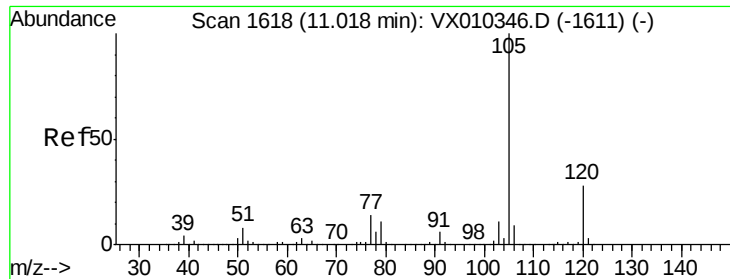
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion:152 Resp: 203990
Ion Ratio Lower Upper
152 100
115 59.6 38.6 115.7
150 153.5 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: 15.209 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

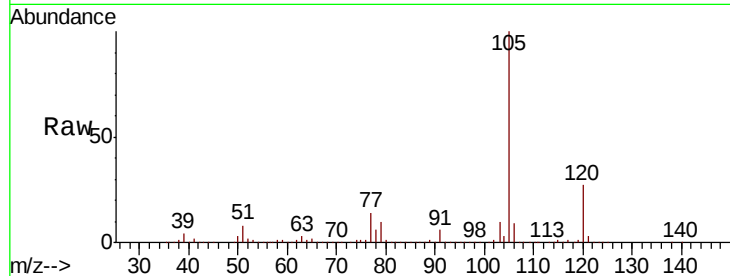
GW-B-061919

Tot Ion:105 Resp: 210307

Ion Ratio Lower Upper

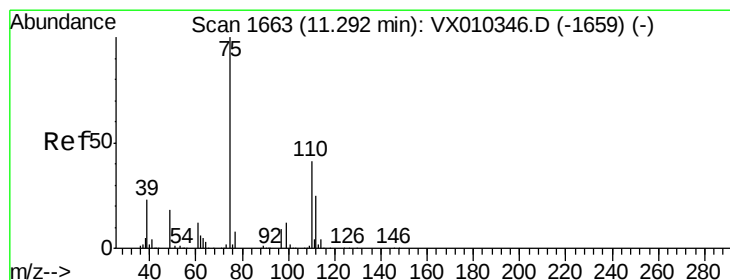
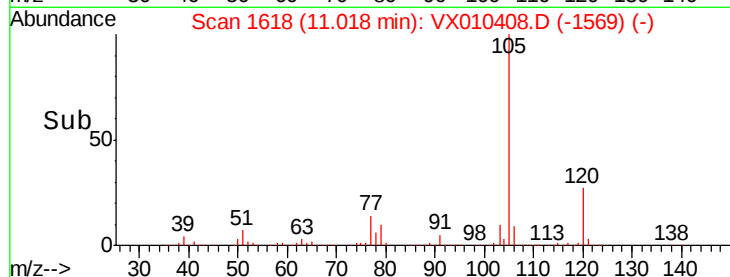
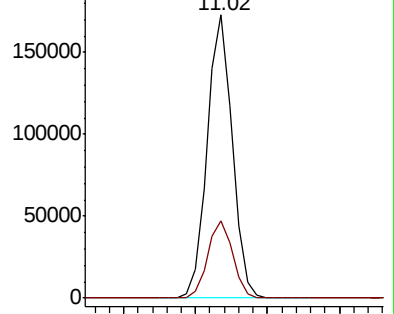
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 2.245 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX010408.D

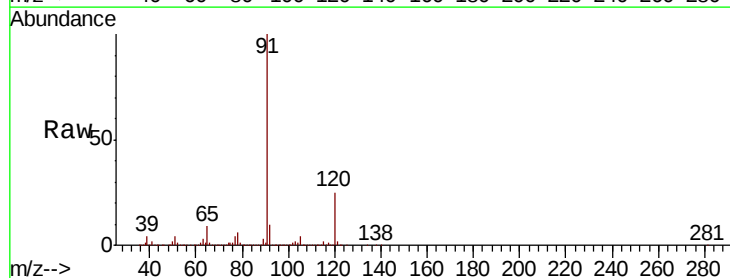
Acq: 24 Jun 2019 13:17

Tgt Ion: 75 Resp: 8347

Ion Ratio Lower Upper

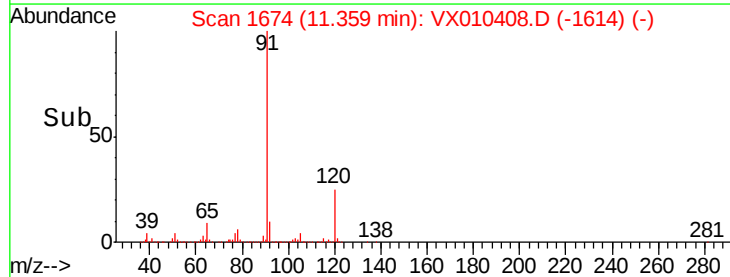
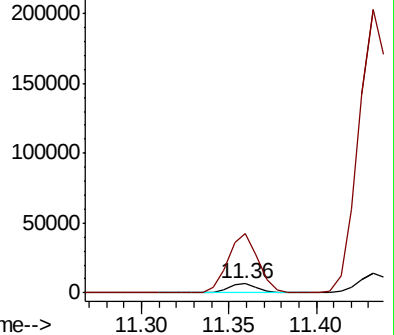
75 100

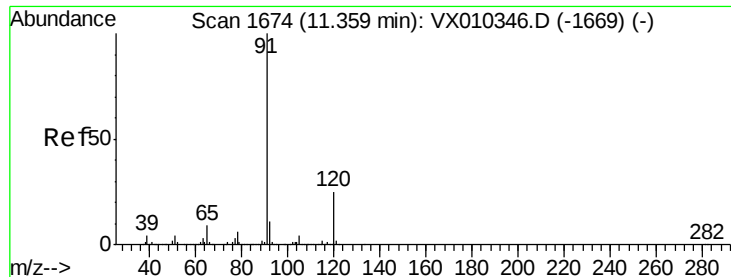
77 604.9 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 90.550 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

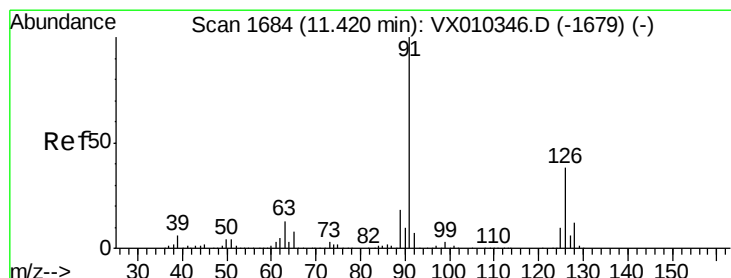
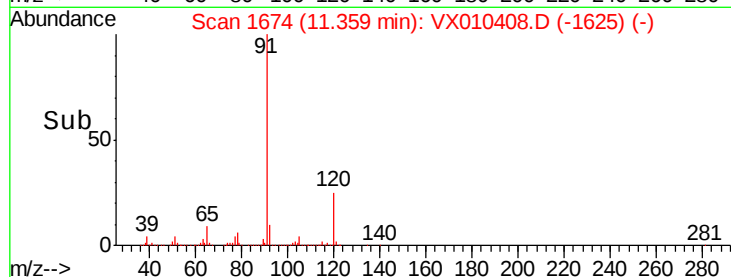
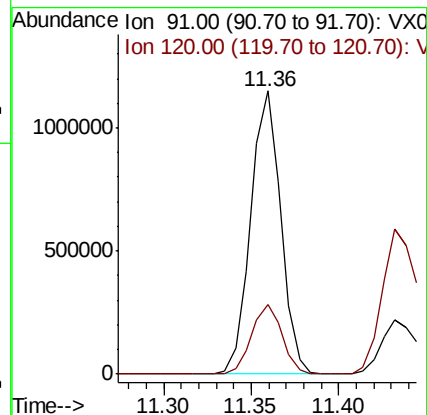
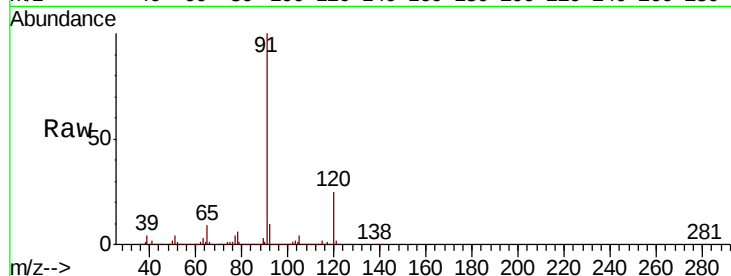
GW-B-061919

Tot Ion: 91 Resp: 1376135

Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.4



#79

2-Chlorotoluene

Concen: 44.077 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX010408.D

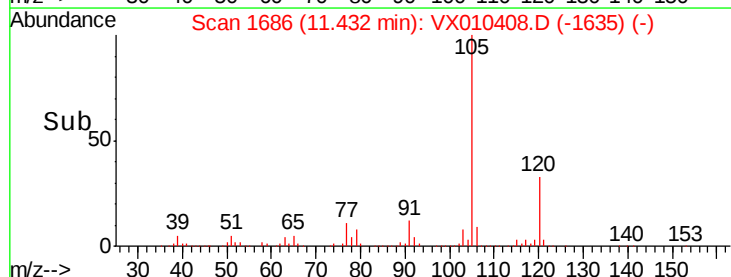
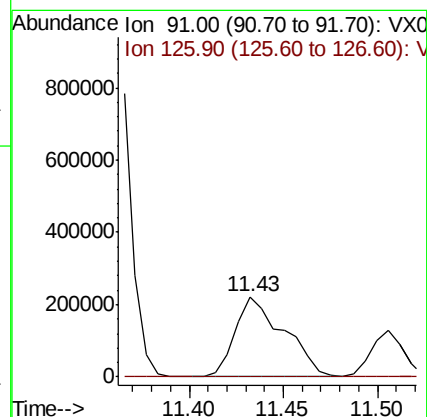
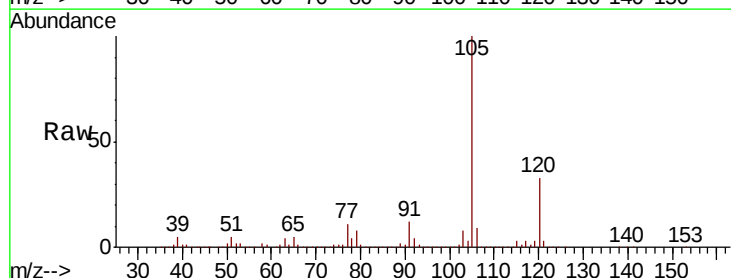
Acq: 24 Jun 2019 13:17

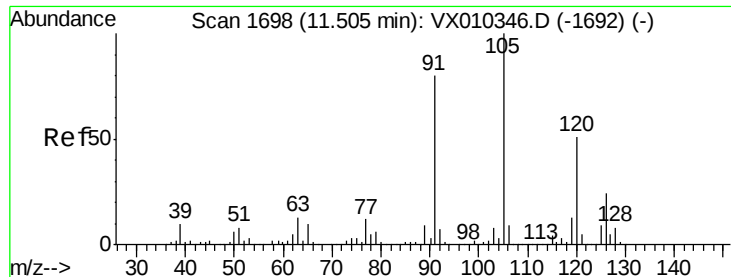
Tgt Ion: 91 Resp: 398891

Ion Ratio Lower Upper

91 100

126 0.0 18.7 56.1#

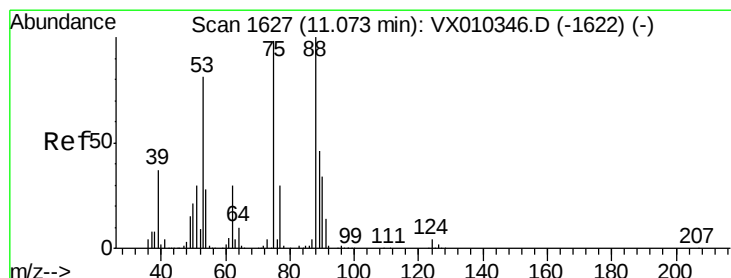
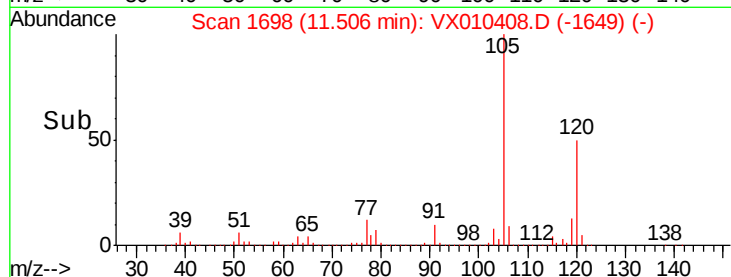
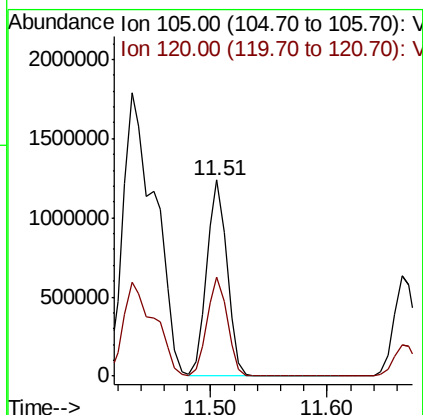
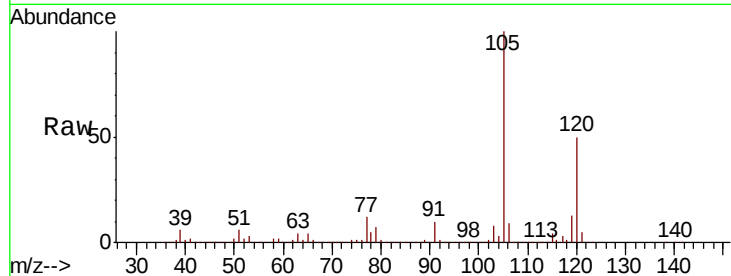




#80
 1,3,5-Trimethylbenzene
 Concen: 129.581 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010408.D
 Acq: 24 Jun 2019 13:17

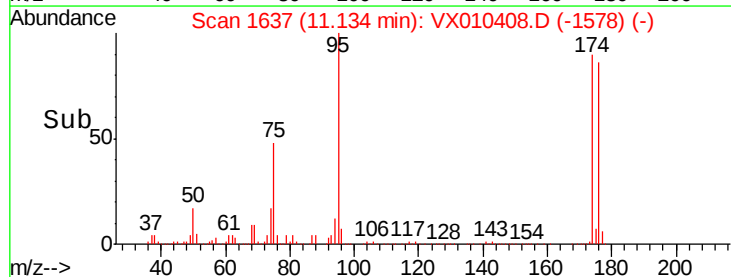
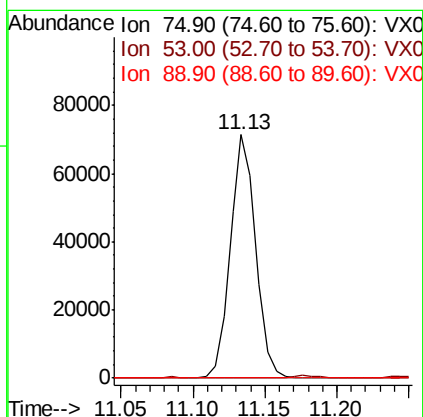
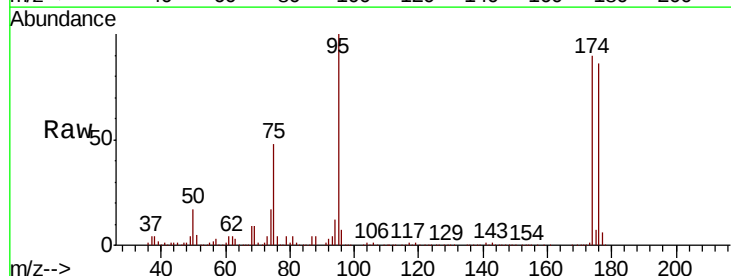
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-B-061919

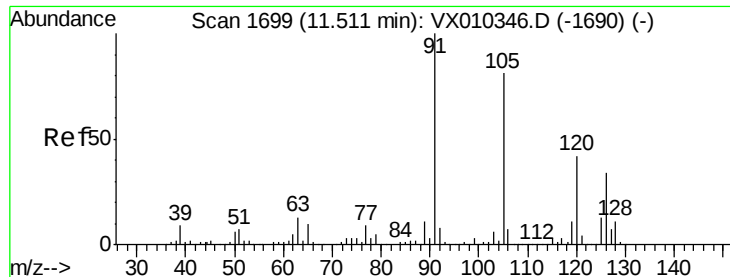
Tot Ion:105 Resp: 1477164
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.198 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010408.D
 Acq: 24 Jun 2019 13:17

Tgt Ion: 75 Resp: 87953
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#





#82

4-Chlorotoluene

Concen: 14.791 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

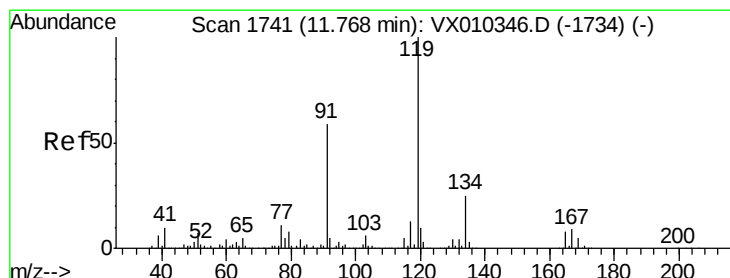
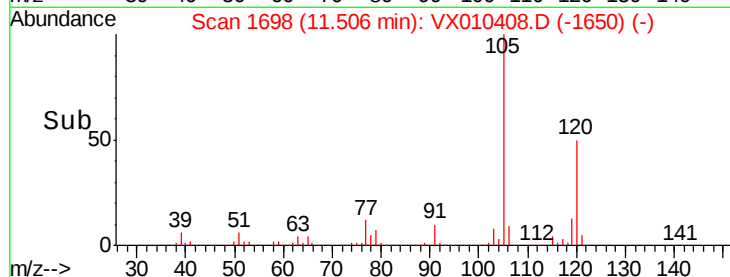
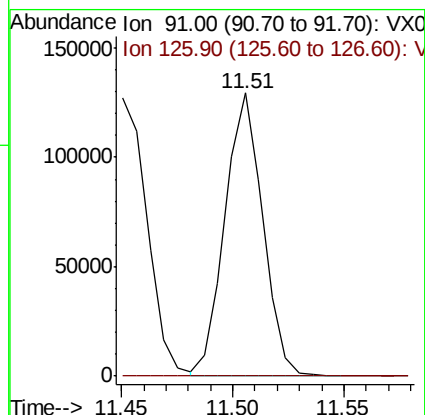
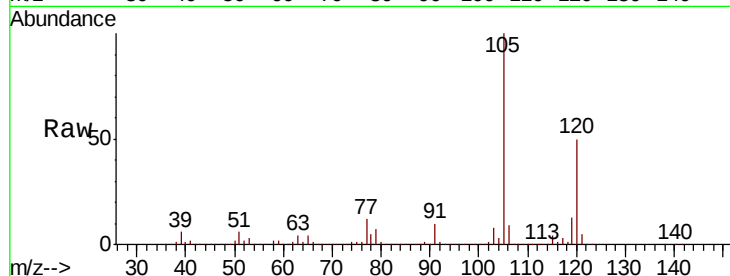
GW-B-061919

Tot Ion: 91 Resp: 152311

Ion Ratio Lower Upper

91 100

126 0.0 16.2 48.6#



#83

tert-Butylbenzene

Concen: 44.511 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

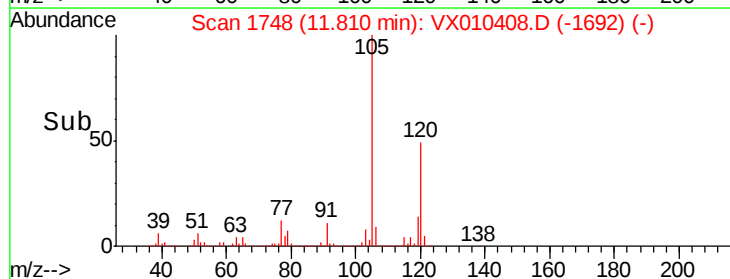
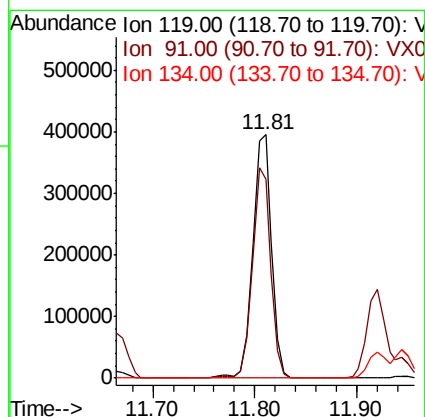
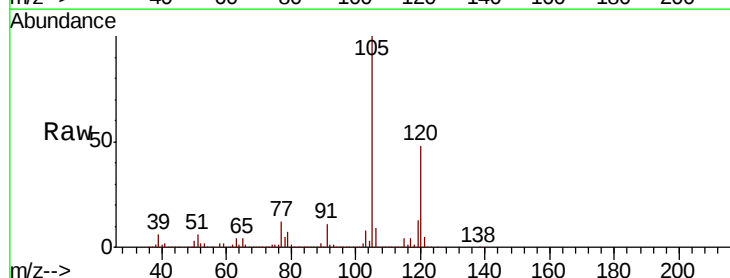
Tgt Ion: 119 Resp: 509271

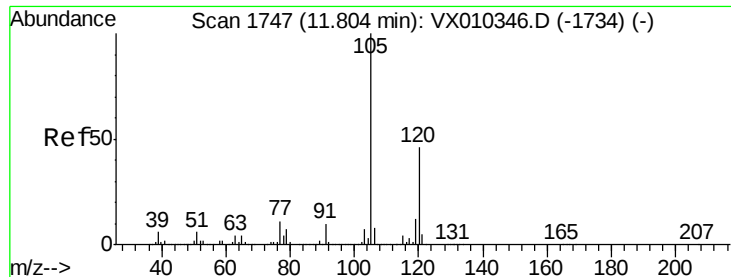
Ion Ratio Lower Upper

119 100

91 84.4 27.6 82.7#

134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 351.695 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

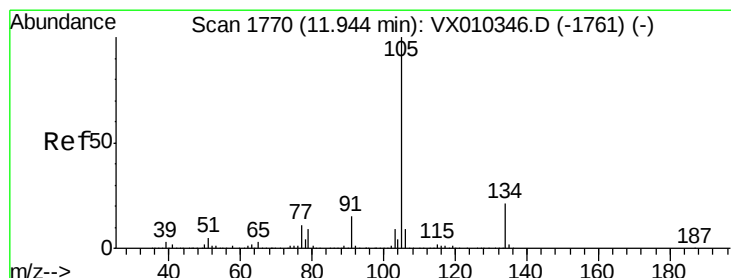
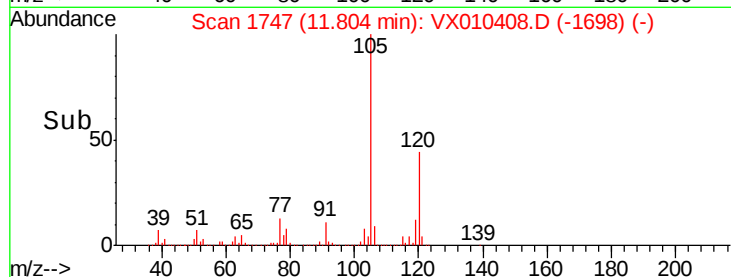
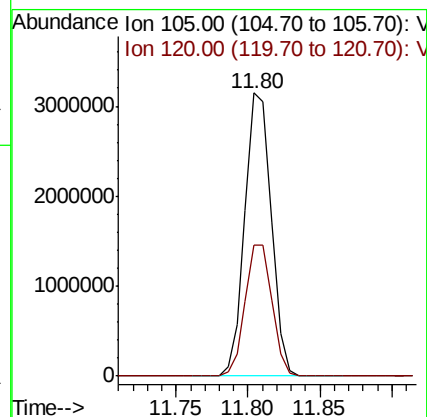
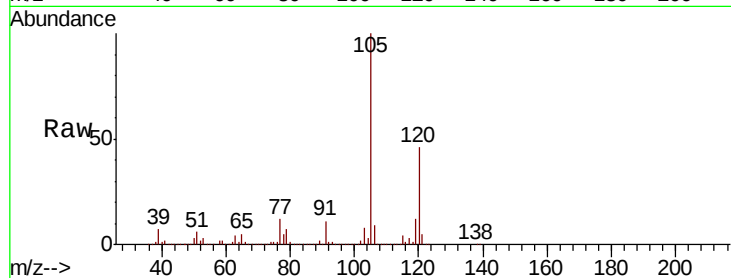
GW-B-061919

Tot Ion:105 Resp: 4027957

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2



#85

sec-Butylbenzene

Concen: 19.365 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010408.D

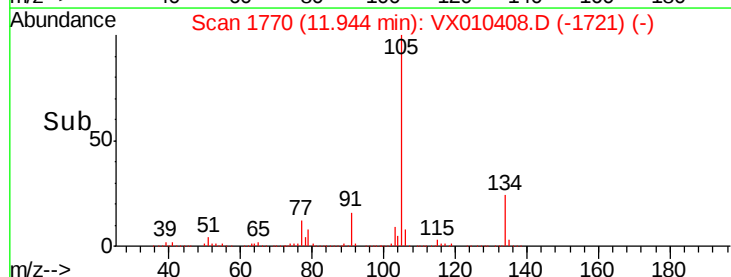
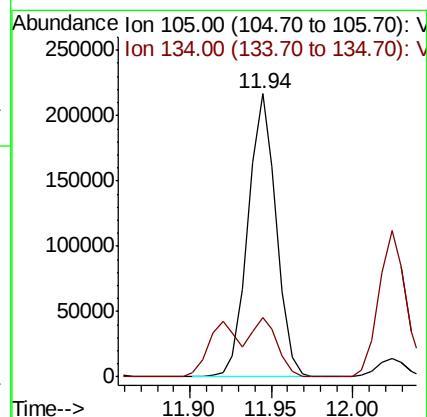
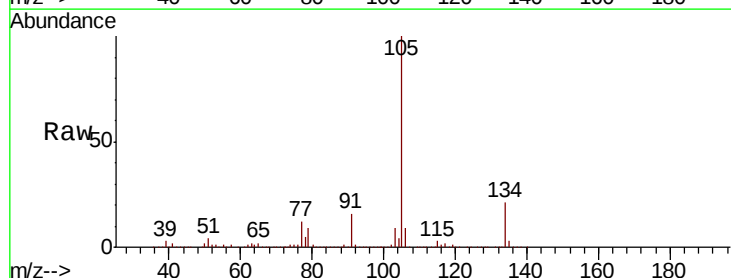
Acq: 24 Jun 2019 13:17

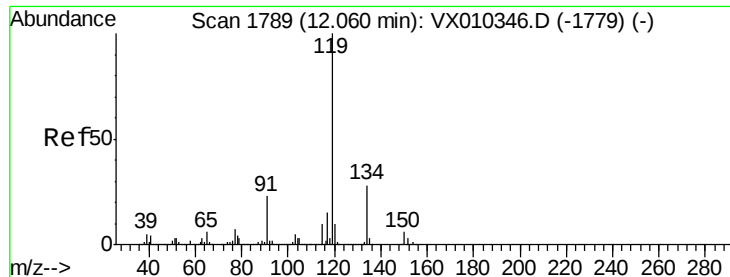
Tgt Ion:105 Resp: 260143

Ion Ratio Lower Upper

105 100

134 19.4 10.7 31.9

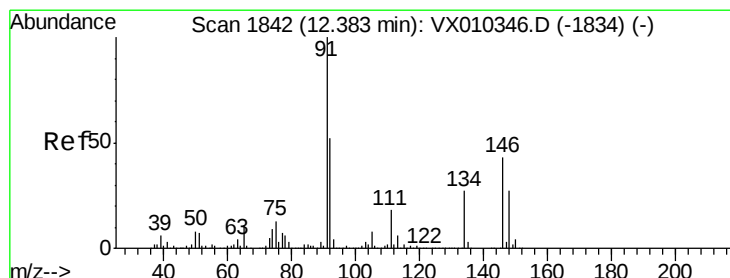
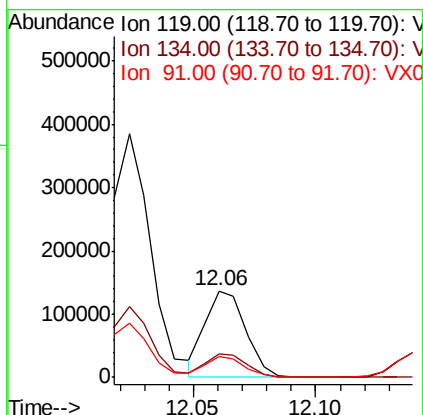
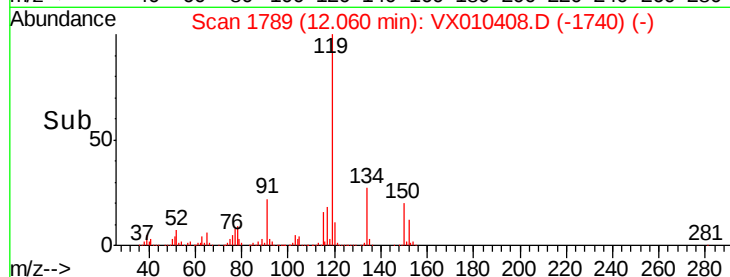
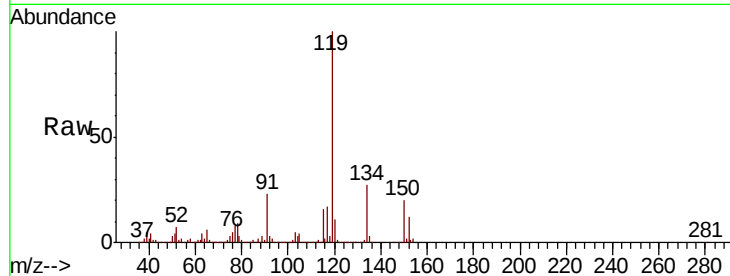




#86
p-Isopropyltoluene
Concen: 12.595 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

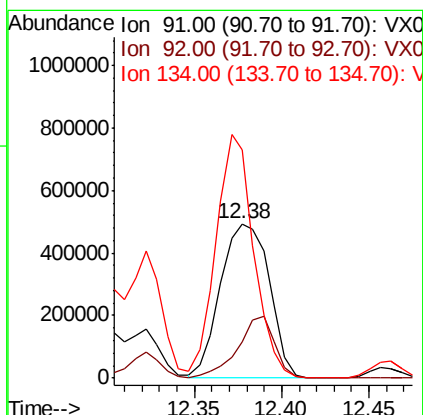
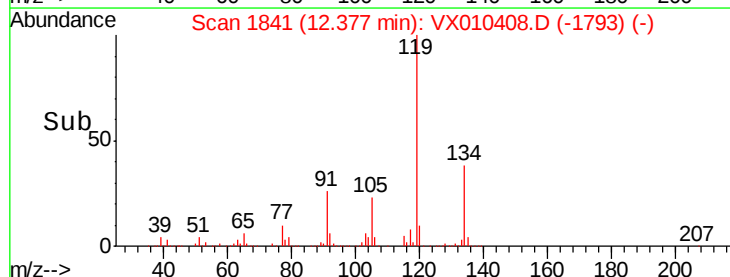
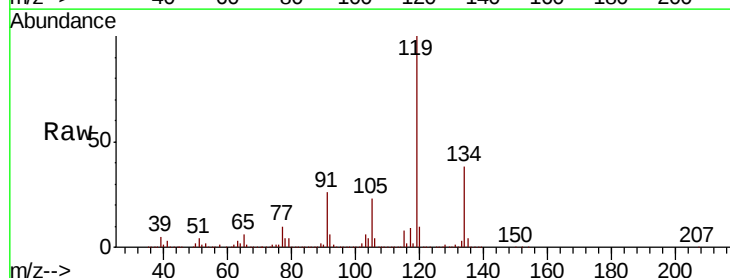
Instrument :
MSVOA_X
ClientSampled :
GW-B-061919

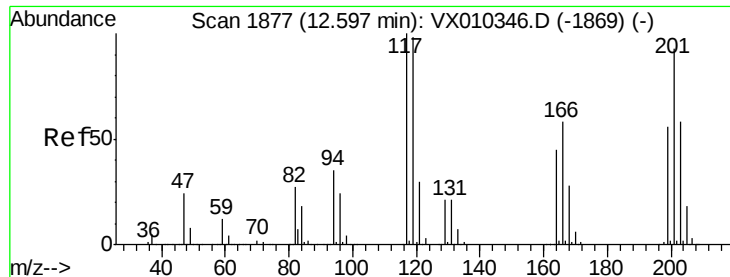
Tot Ion:119 Resp: 156511
Ion Ratio Lower Upper
119 100
134 27.7 13.7 41.1
91 24.6 11.3 33.8



#89
n-Butylbenzene
Concen: 90.483 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Tgt Ion: 91 Resp: 955409
Ion Ratio Lower Upper
91 100
92 30.3 26.2 78.5
134 121.9 14.1 42.4#





#90

Hexachloroethane

Concen: 75.549 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

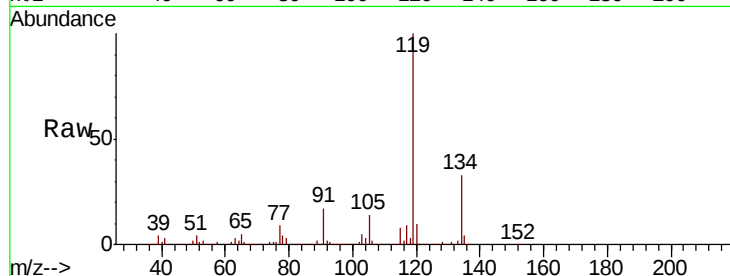
GW-B-061919

Tot Ion:117 Resp: 162326

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

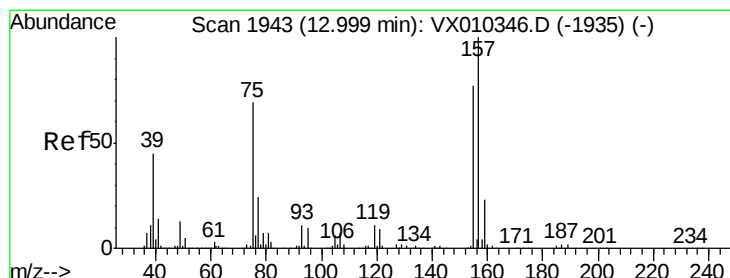
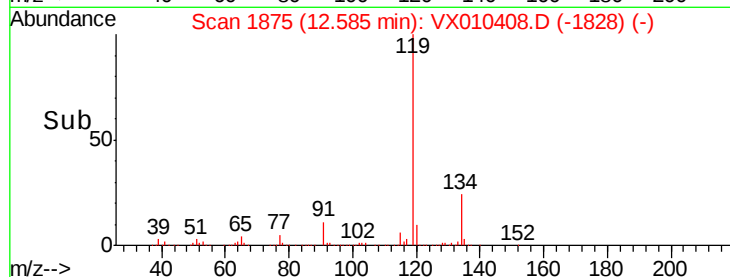
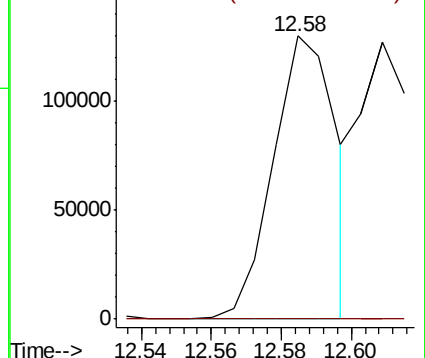
150000

100000

50000

0

12.54 12.56 12.58 12.60



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.309 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX010408.D

Acq: 24 Jun 2019 13:17

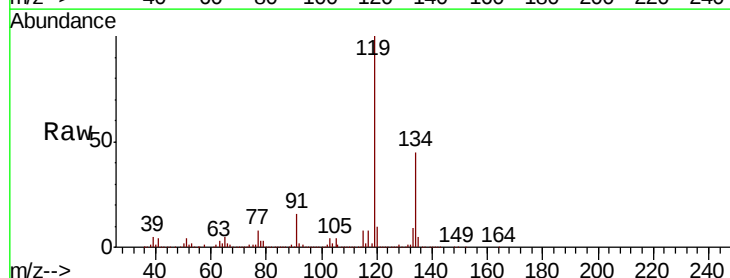
Tgt Ion: 75 Resp: 16103

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): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

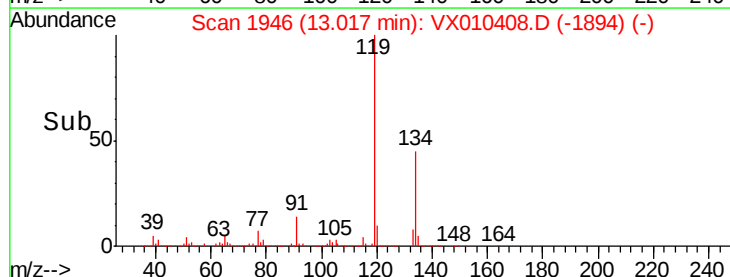
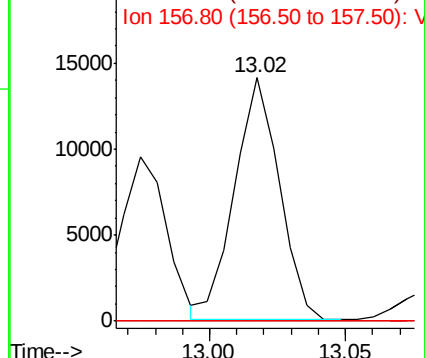
15000

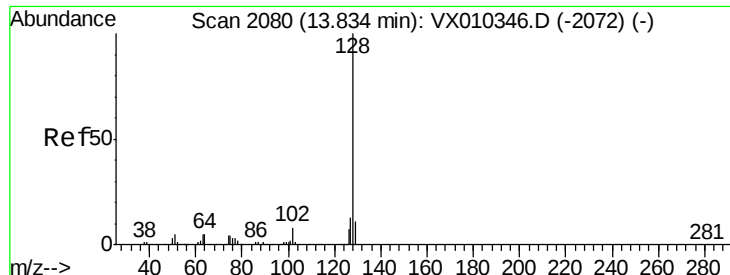
10000

5000

0

13.00 13.05





#95
Naphthalene
Concen: 4.286 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010408.D
Acq: 24 Jun 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
GW-B-061919

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.9	10.2	15.4#
129	16.4	8.9	13.3#

