

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007507.D
 Acq On : 13 Feb 2019 02:35
 Operator : JC/SP
 Sample : K1465-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INFLUENT-2

Quant Time: Feb 13 08:01:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	77564	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	401088	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	345820	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	152684	30.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.43%
60) 4-Bromofluorobenzene	11.13	95	147465	27.78	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.60%
63) Toluene-d8	8.71	98	466673	29.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.53%

Target Compounds

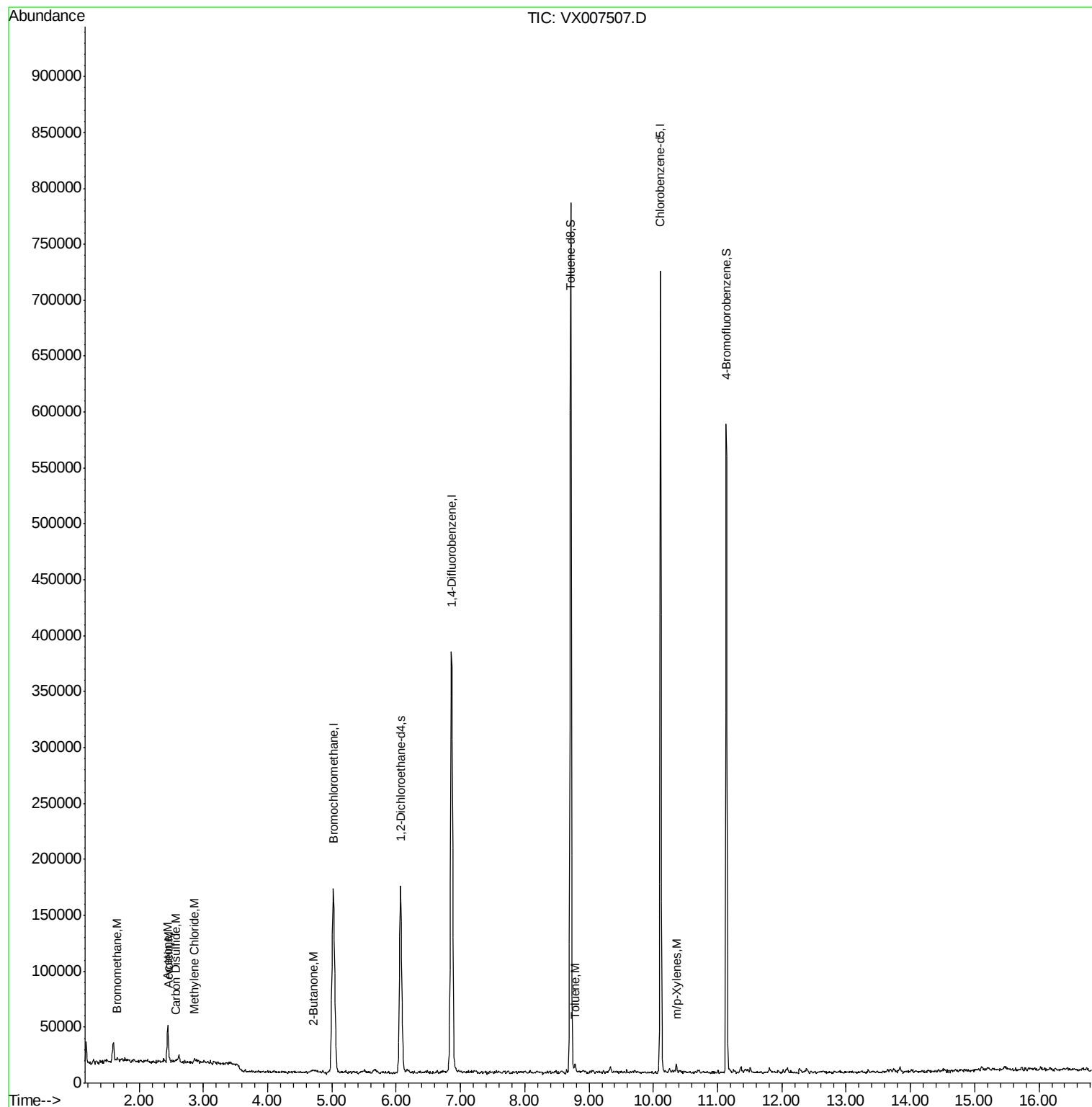
					Qvalue
5) Bromomethane	1.65	94	872	0.201 ug/l	87
13) Acrolein	2.46	56	313	0.305 ug/l	87
15) Acetone	2.45	58	10424	14.185 ug/l	76
16) Carbon Disulfide	2.57	76	2694	0.238 ug/l #	91
18) Methylene Chloride	2.85	84	2058	0.429 ug/l #	88
30) 2-Butanone	4.70	43	3425	1.034 ug/l	96
62) Toluene	8.79	91	4215	0.224 ug/l	94
67) m/p-Xylenes	10.36	106	1627	0.208 ug/l	94

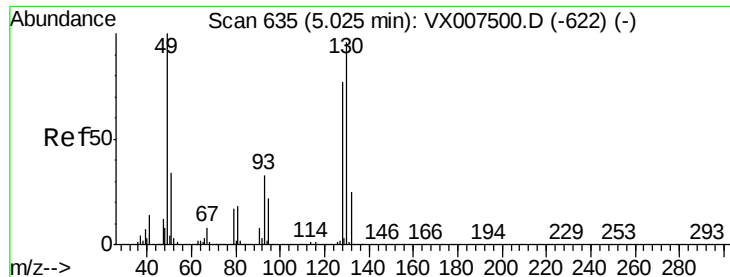
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 13 08:01:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007507.D

Acq: 13 Feb 2019 02:35

Instrument :

MSVOA_X

ClientSampleId :

INFLUENT-2

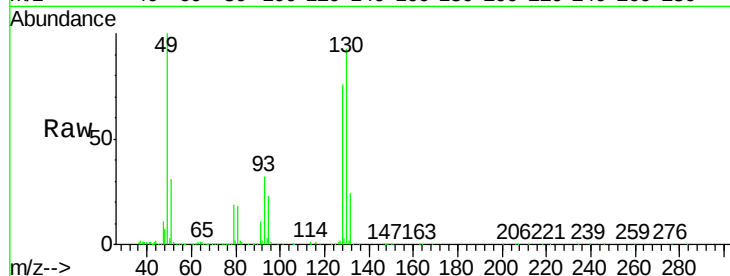
Tgt Ion:128 Resp: 77564

Ion Ratio Lower Upper

128 100

49 137.1 0.0 350.8

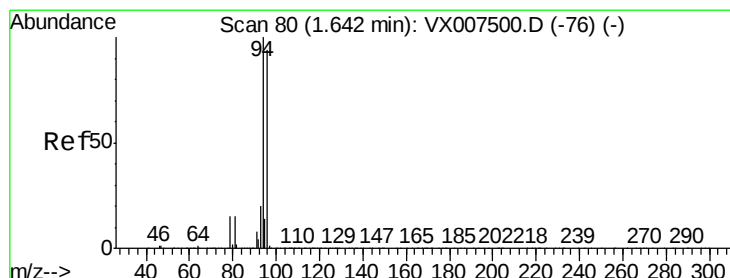
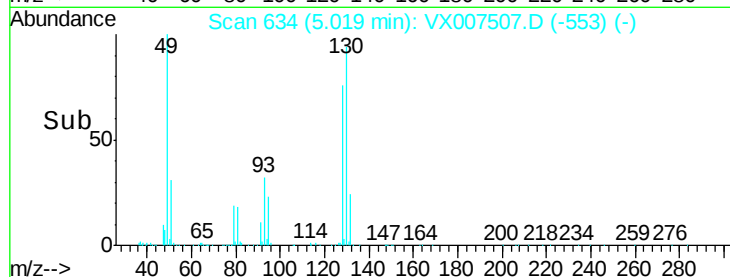
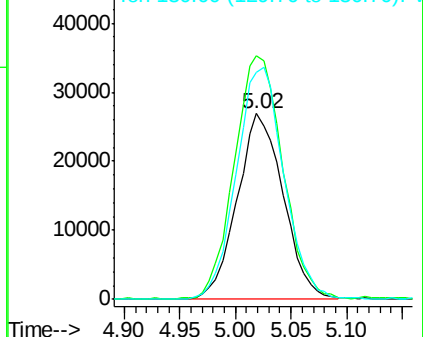
130 128.5 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#5

Bromomethane

Concen: 0.201 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007507.D

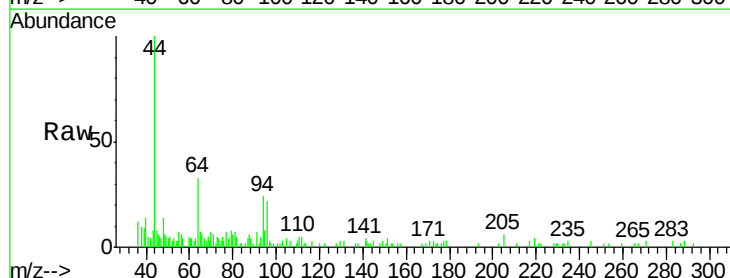
Acq: 13 Feb 2019 02:35

Tgt Ion: 94 Resp: 872

Ion Ratio Lower Upper

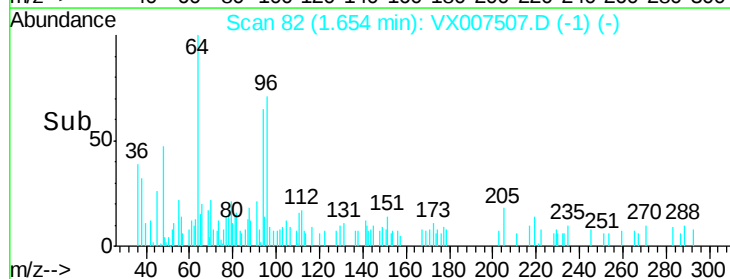
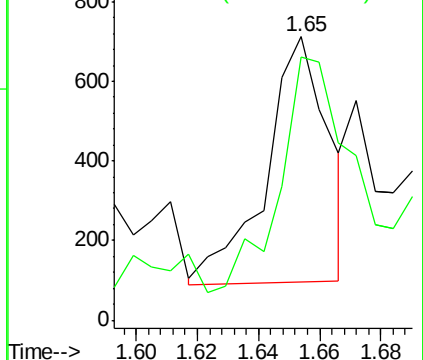
94 100

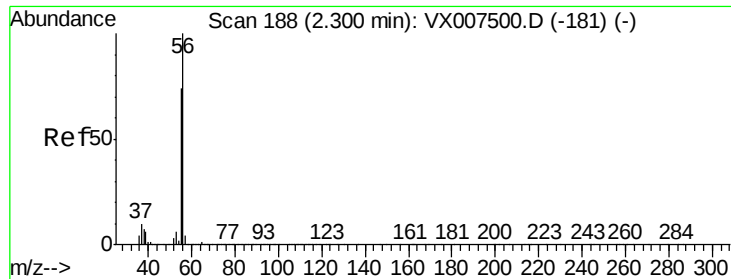
96 81.6 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

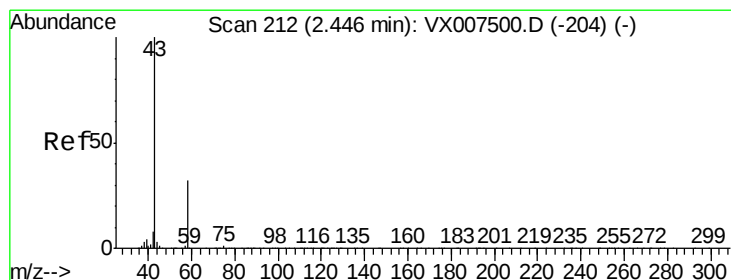
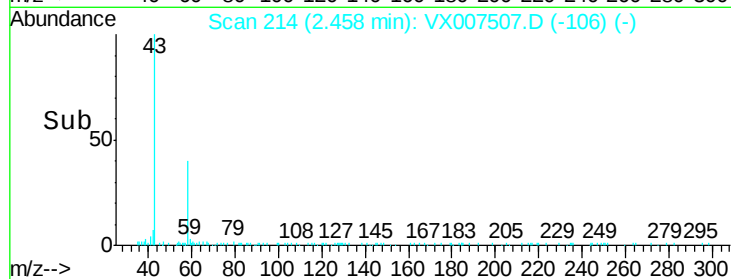
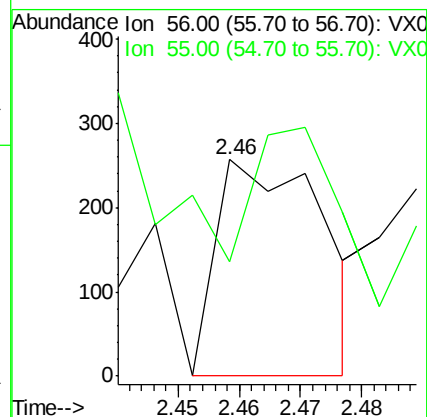
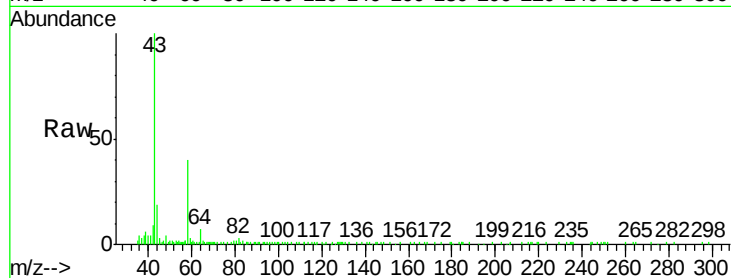




#13
Acrolein
Concen: 0.305 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.16 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

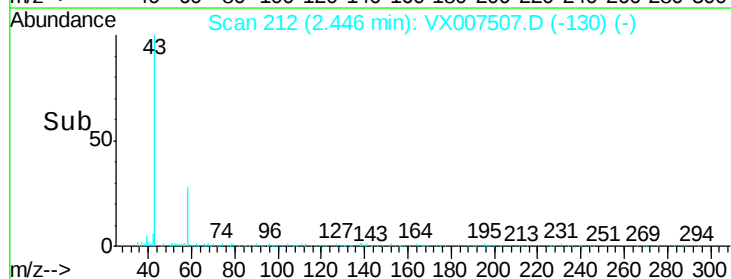
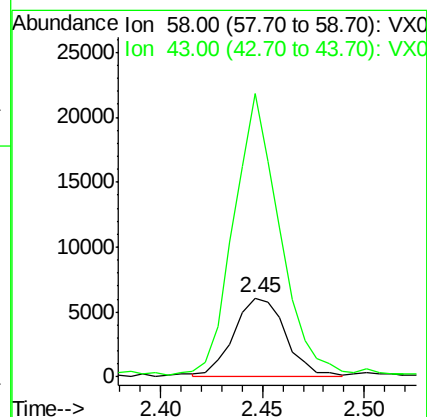
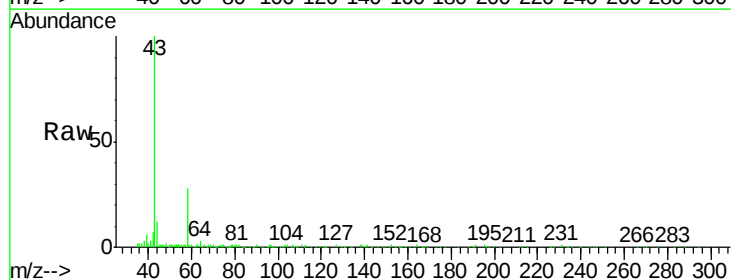
Instrument :
MSVOA_X
ClientSampleId :
INFLUENT-2

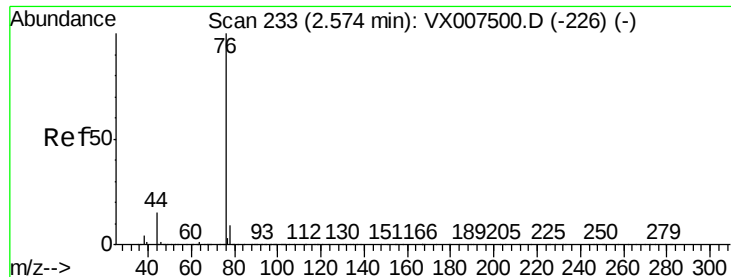
Tgt Ion: 56 Resp: 313
Ion Ratio Lower Upper
56 100
55 62.0 58.6 87.8



#15
Acetone
Concen: 14.185 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

Tgt Ion: 58 Resp: 10424
Ion Ratio Lower Upper
58 100
43 360.9 249.8 374.6

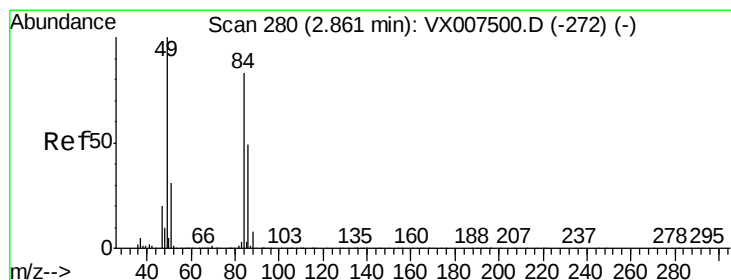
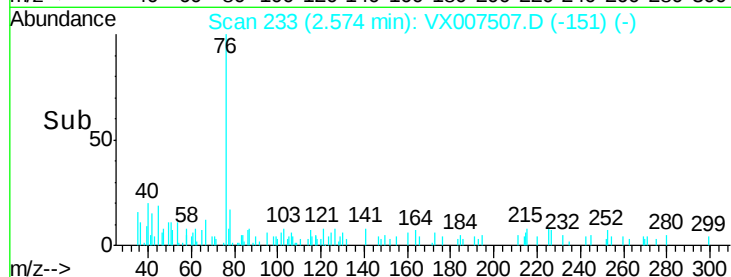
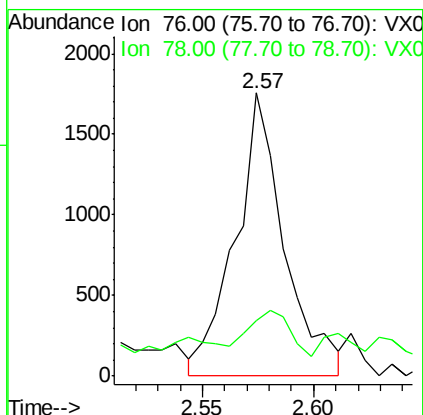
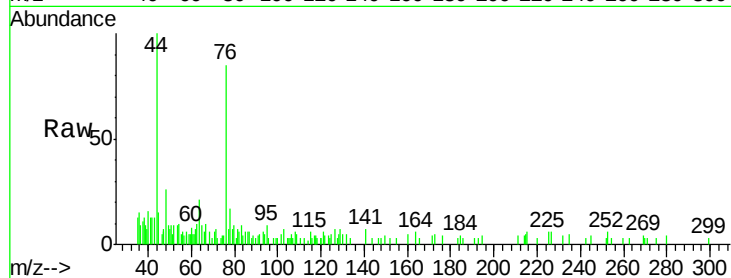




#16
Carbon Disulfide
Concen: 0.238 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

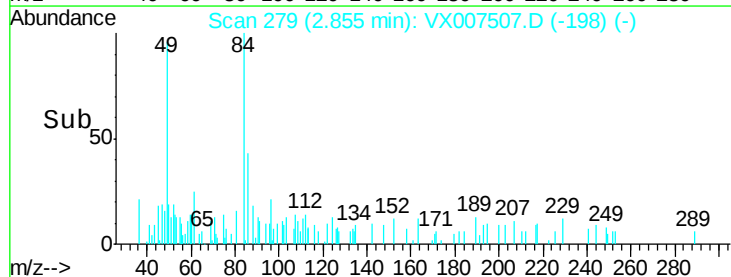
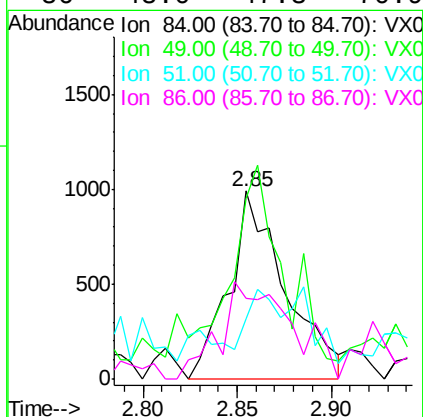
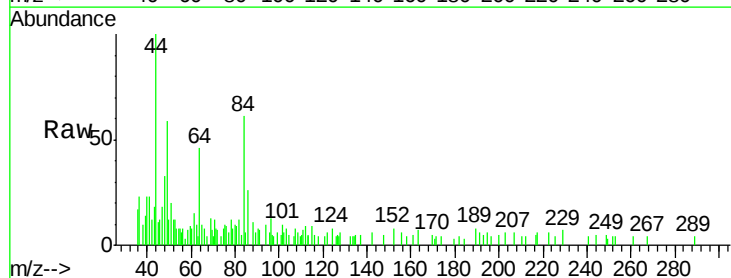
Instrument :
MSVOA_X
ClientSampled :
INFLUENT-2

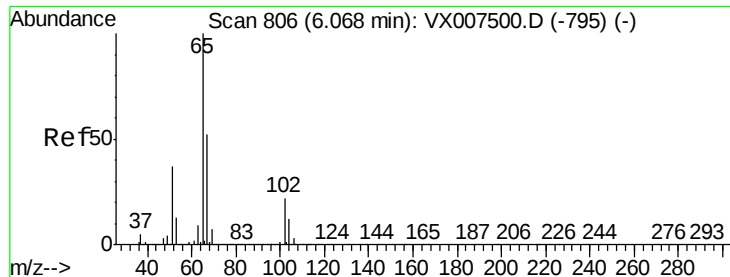
Tgt Ion: 76 Resp: 2694
Ion Ratio Lower Upper
76 100
78 6.2 7.5 11.3#



#18
Methylene Chloride
Concen: 0.429 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

Tgt Ion: 84 Resp: 2058
Ion Ratio Lower Upper
84 100
49 118.2 96.1 144.1
51 10.3 29.1 43.7#
86 48.0 47.3 70.9





#27

1,2-Dichloroethane-d4

Concen: 30.431 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007507.D

Acq: 13 Feb 2019 02:35

Instrument :

MSVOA_X

ClientSampleId :

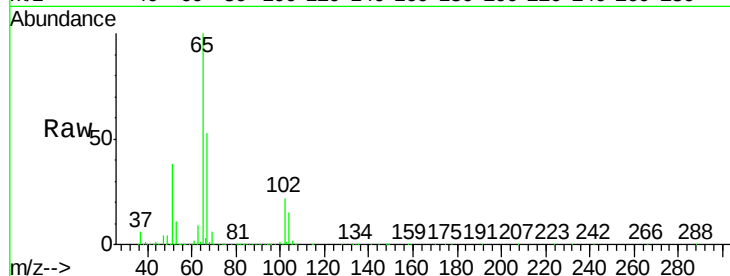
INFLUENT-2

Tgt Ion: 65 Resp: 152684

Ion Ratio Lower Upper

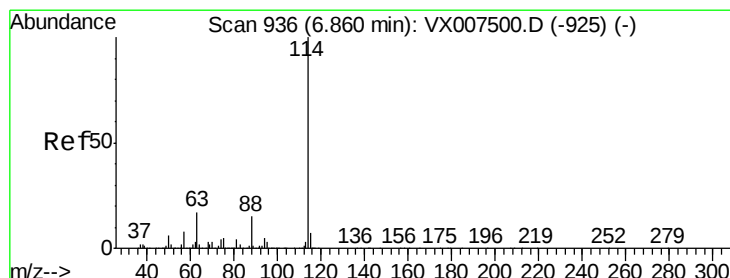
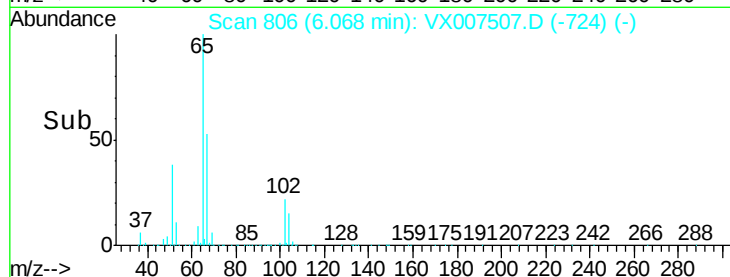
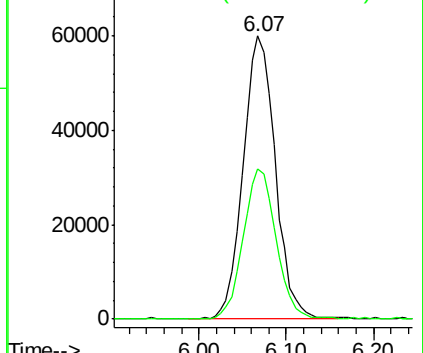
65 100

67 53.9 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007507.D

Acq: 13 Feb 2019 02:35

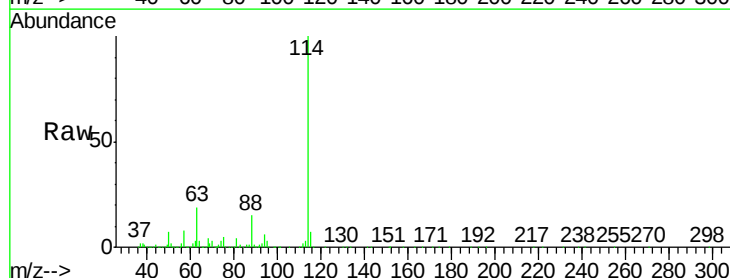
Tgt Ion: 114 Resp: 401088

Ion Ratio Lower Upper

114 100

63 18.3 14.2 21.4

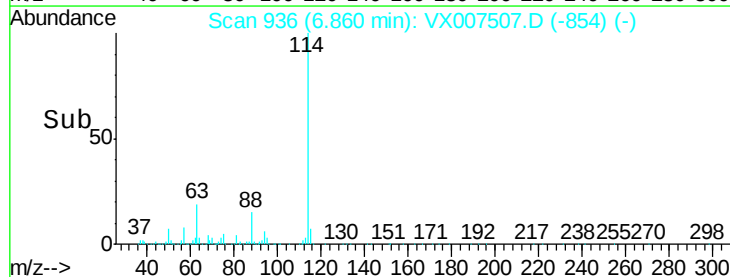
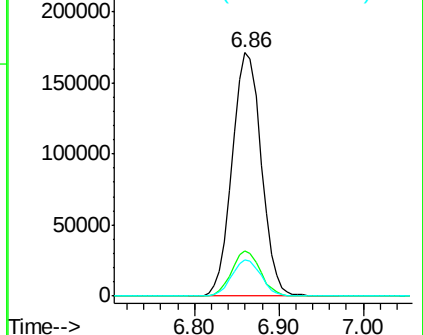
88 14.9 11.9 17.9

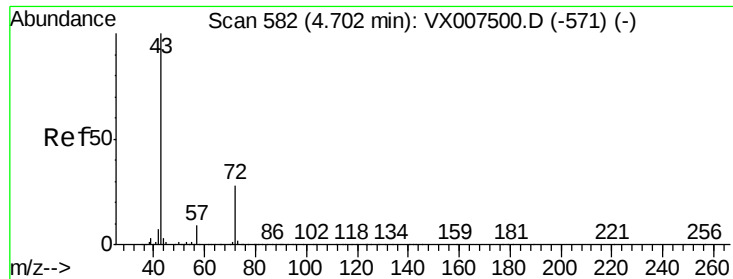


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

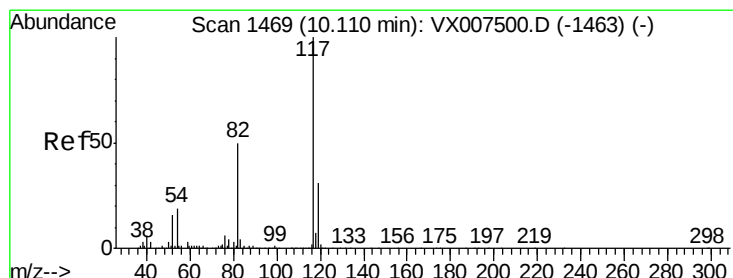
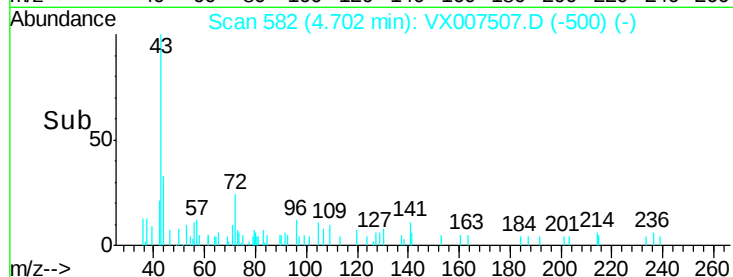
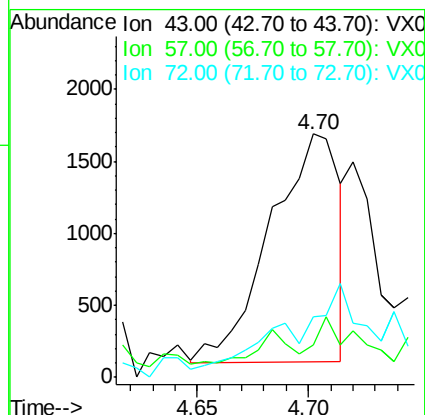
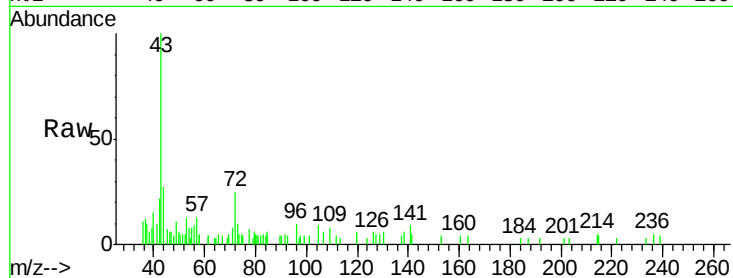




#30
2-Butanone
Concen: 1.034 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

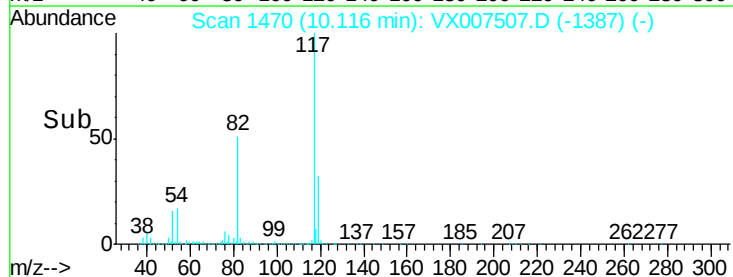
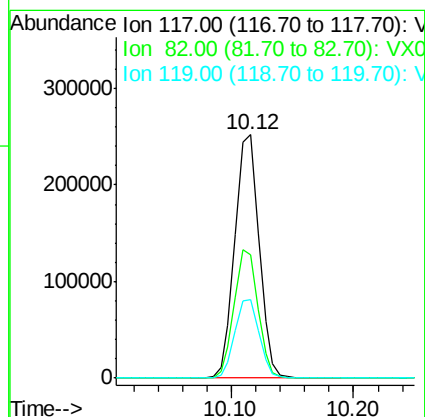
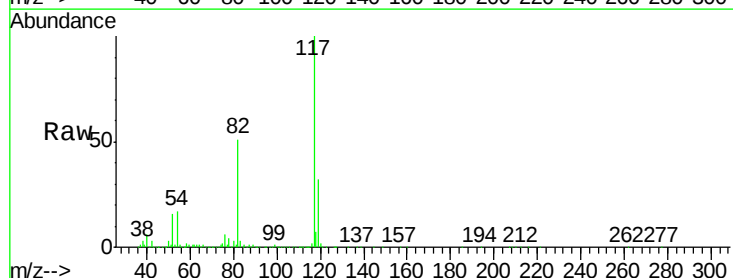
Instrument :
MSVOA_X
ClientSampled :
INFLUENT-2

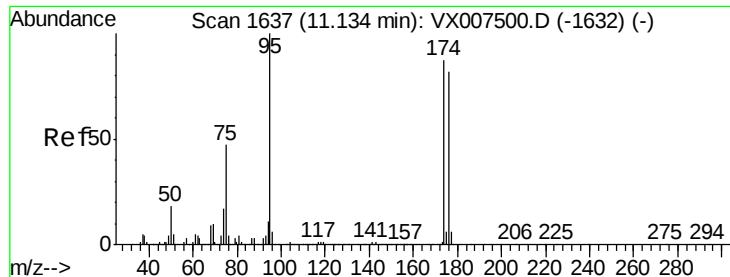
Tgt Ion: 43 Resp: 3425
Ion Ratio Lower Upper
43 100
57 8.1 7.0 10.6
72 24.4 21.5 32.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

Tgt Ion: 117 Resp: 345820
Ion Ratio Lower Upper
117 100
82 51.6 40.4 60.6
119 32.6 25.8 38.6

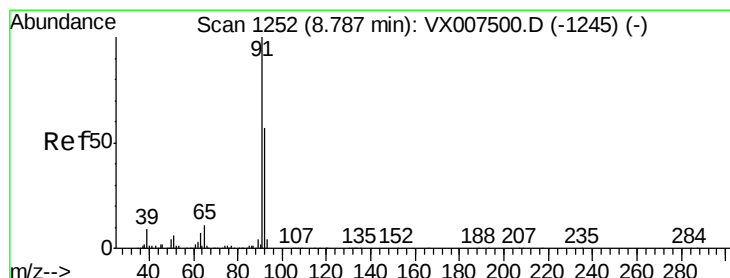
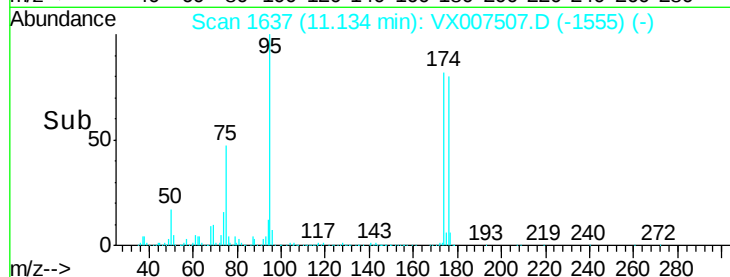
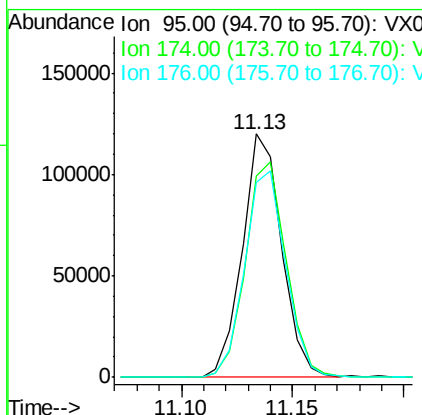
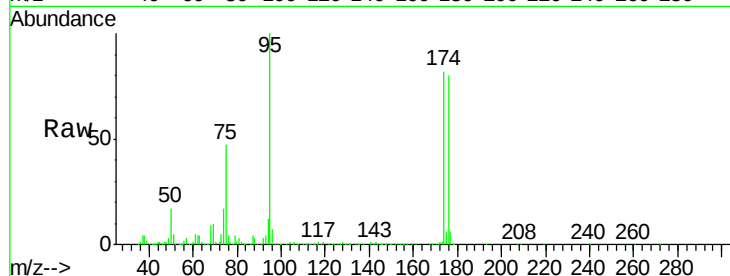




#60
4-Bromofluorobenzene
Concen: 27.784 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

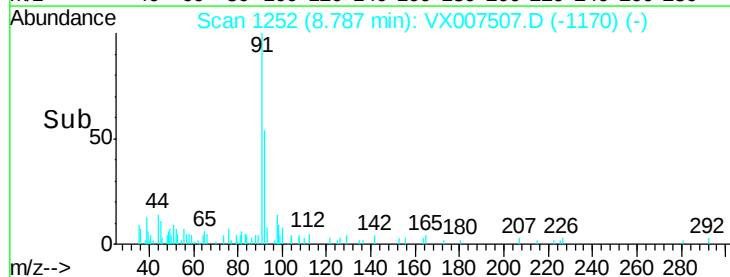
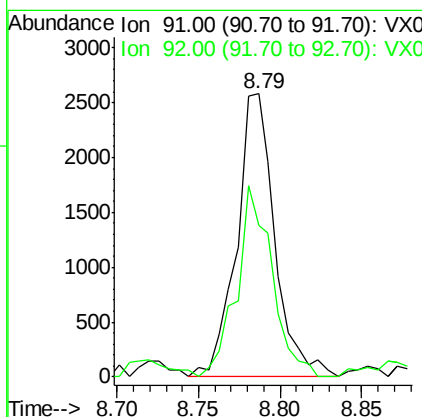
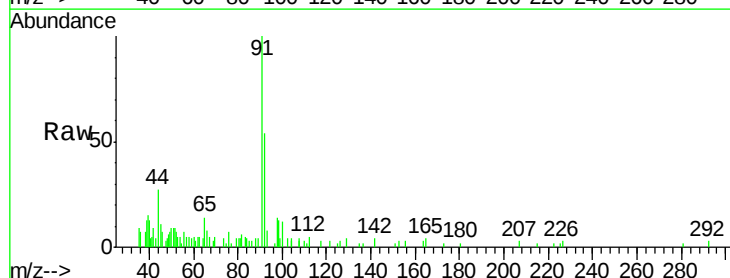
Instrument :
MSVOA_X
ClientSampleId :
INFLUENT-2

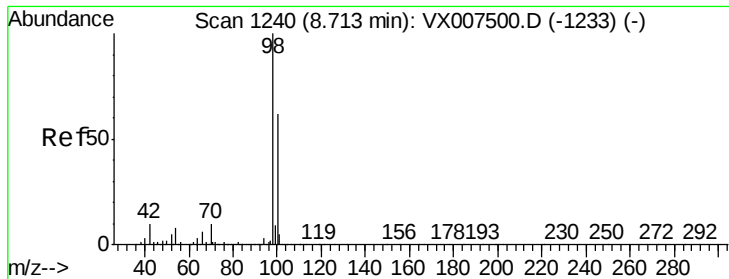
Tgt Ion: 95 Resp: 147465
Ion Ratio Lower Upper
95 100
174 92.3 74.9 112.3
176 88.5 70.7 106.1



#62
Toluene
Concen: 0.224 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007507.D
Acq: 13 Feb 2019 02:35

Tgt Ion: 91 Resp: 4215
Ion Ratio Lower Upper
91 100
92 62.7 46.4 69.6





#63

Toluene-d8

Concen: 29.857 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007507.D

Acq: 13 Feb 2019 02:35

Instrument :

MSVOA_X

ClientSampleId :

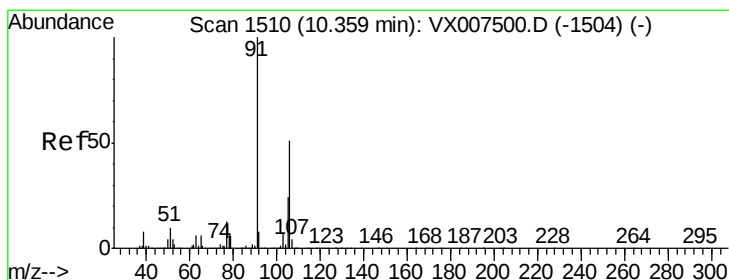
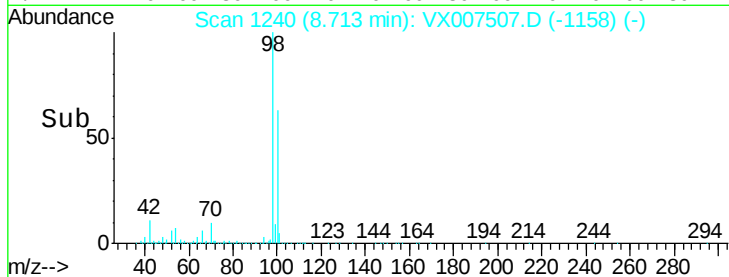
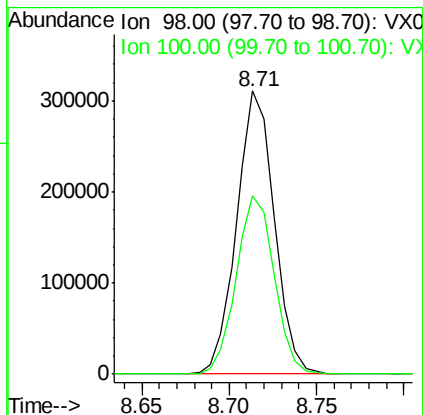
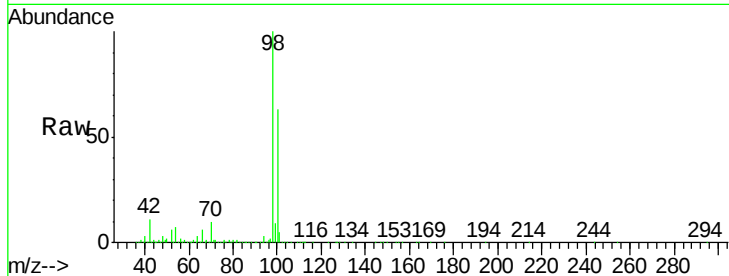
INFLUENT-2

Tgt Ion: 98 Resp: 466673

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#67

m/p-Xylenes

Concen: 0.208 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007507.D

Acq: 13 Feb 2019 02:35

Tgt Ion: 106 Resp: 1627

Ion Ratio Lower Upper

106 100

91 204.9 157.0 235.4

