

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021319\
 Data File : VX007506.D
 Acq On : 13 Feb 2019 02:09
 Operator : JC/SP
 Sample : K1465-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFFLUENT-2

Quant Time: Feb 13 08:01:30 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	5.03	128	83833	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	434959	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	370770	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	165685	30.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.83%
60) 4-Bromofluorobenzene	11.13	95	157273	27.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.13%
63) Toluene-d8	8.71	98	500096	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

Target Compounds

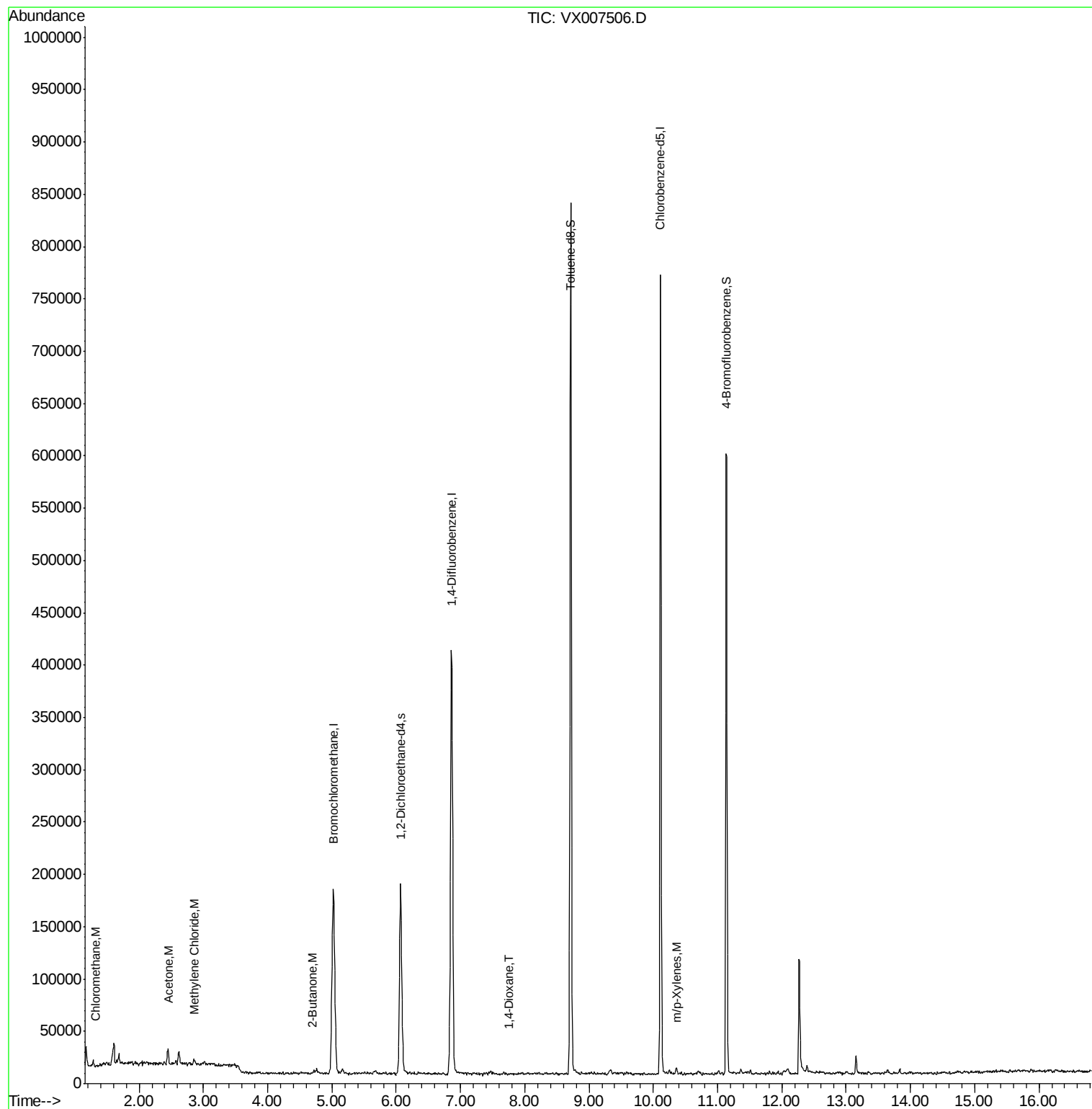
					Qvalue	
3) Chloromethane	1.33	50	1198	0.257	ug/l	97
15) Acetone	2.45	58	5446	6.857	ug/l	82
18) Methylene Chloride	2.86	84	1489	0.287	ug/l	98
30) 2-Butanone	4.70	43	1141	0.318	ug/l #	30
45) 1,4-Dioxane	7.74	88	102	0.814	ug/l #	11
67) m/p-Xylenes	10.36	106	1761	0.210	ug/l	94

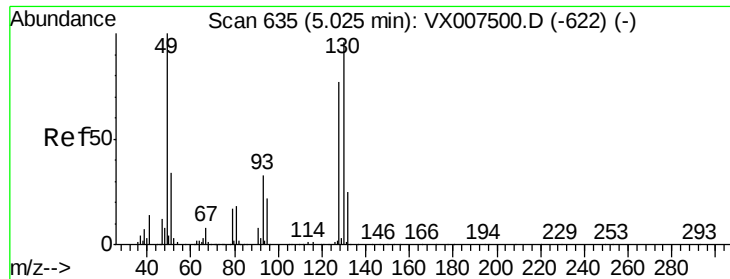
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

EFFLUENT-2

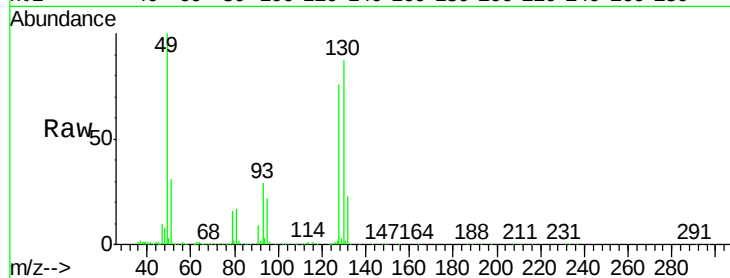
Tgt Ion:128 Resp: 83833

Ion Ratio Lower Upper

128 100

49 136.8 0.0 350.8

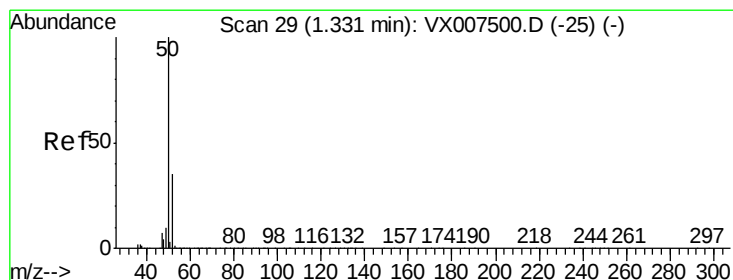
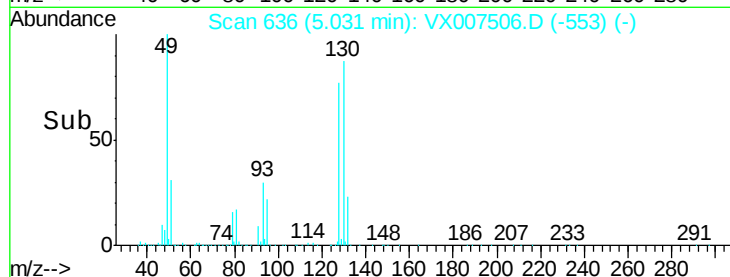
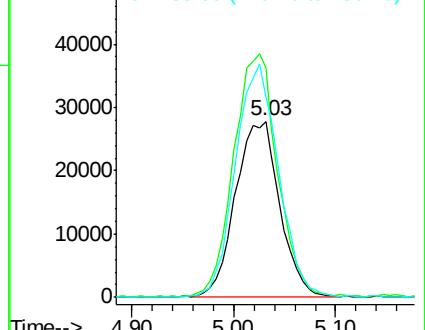
130 128.8 0.0 325.8



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



#3

Chloromethane

Concen: 0.257 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007506.D

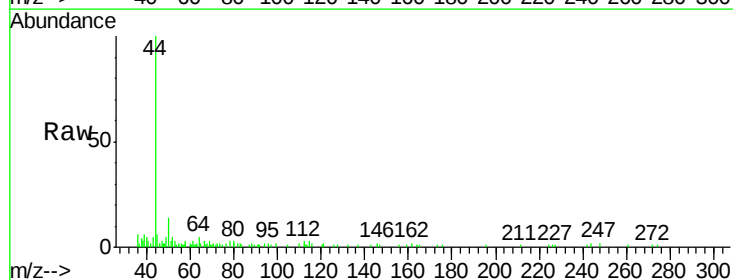
Acq: 13 Feb 2019 02:09

Tgt Ion: 50 Resp: 1198

Ion Ratio Lower Upper

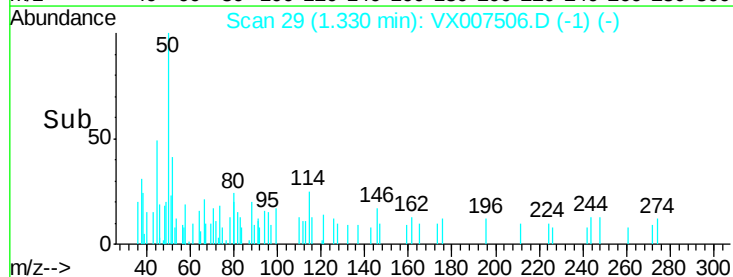
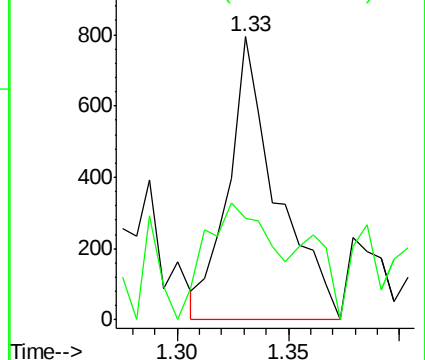
50 100

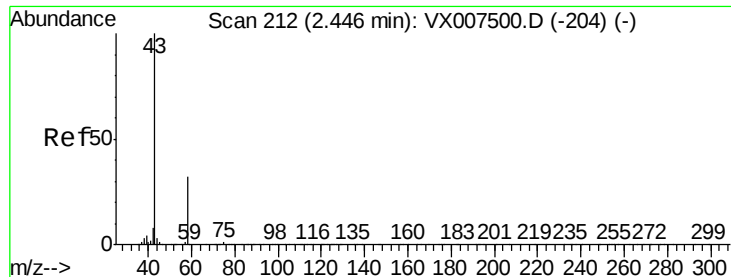
52 35.9 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#15

Acetone

Concen: 6.857 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Instrument :

MSVOA_X

ClientSampled :

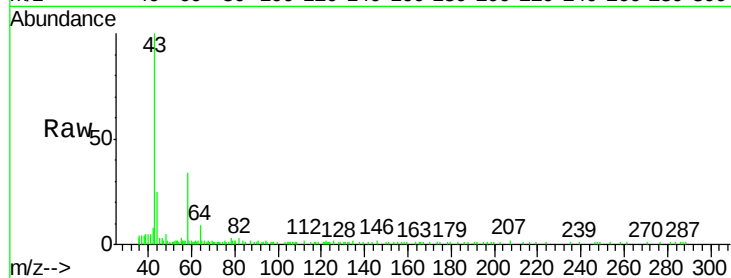
EFFLUENT-2

Tgt Ion: 58 Resp: 5446

Ion Ratio Lower Upper

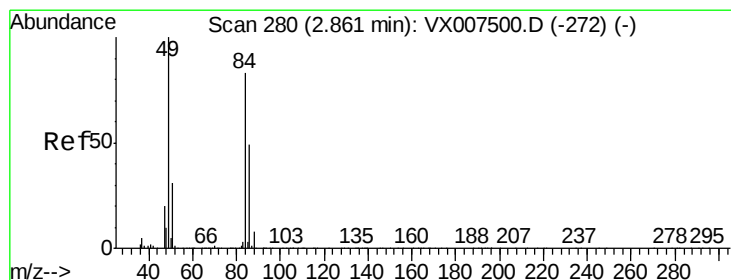
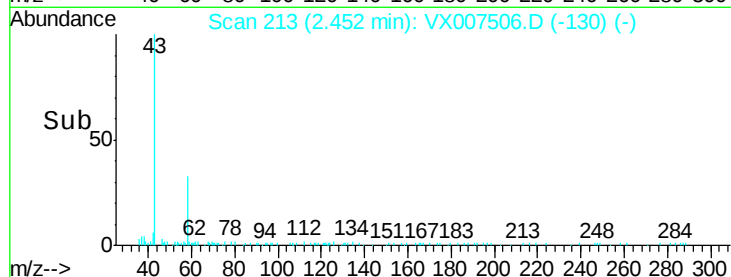
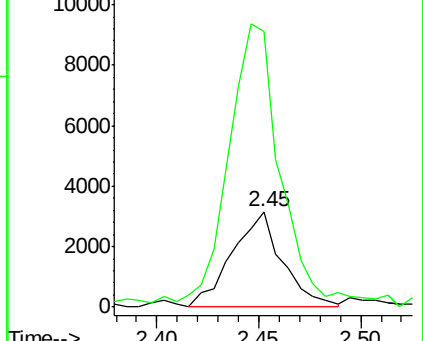
58 100

43 277.0 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#18

Methylene Chloride

Concen: 0.287 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Tgt Ion: 84 Resp: 1489

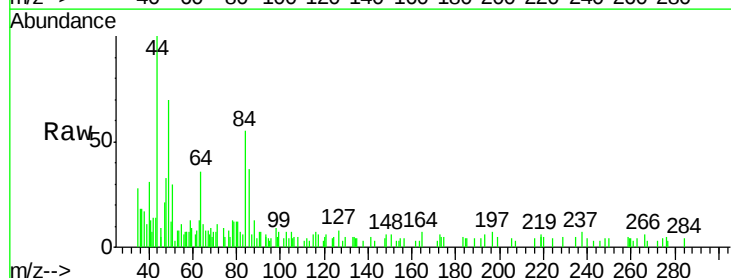
Ion Ratio Lower Upper

84 100

49 120.4 96.1 144.1

51 32.1 29.1 43.7

86 61.0 47.3 70.9

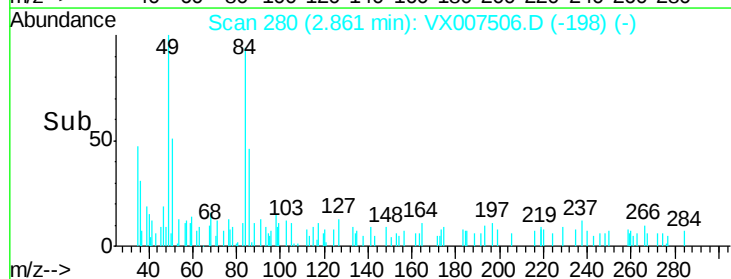
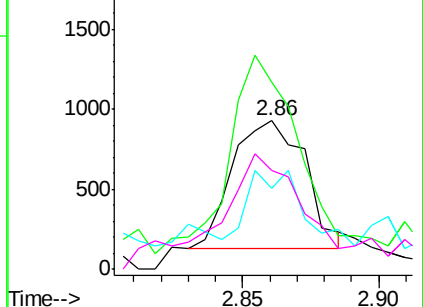


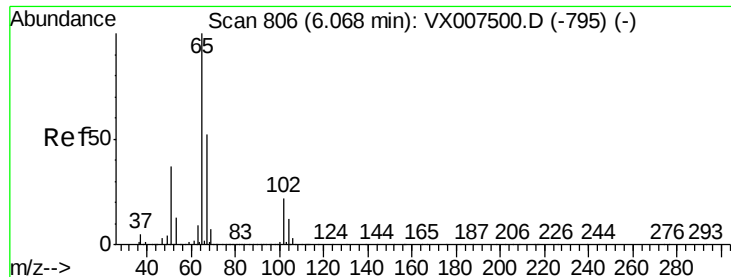
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

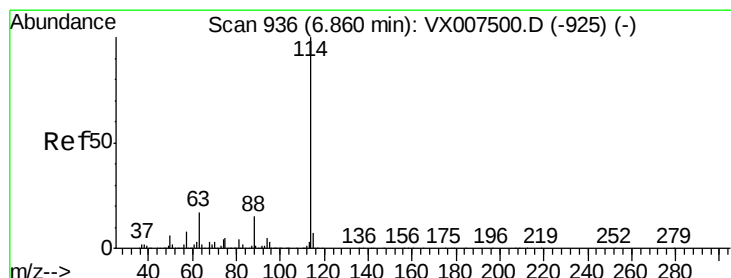
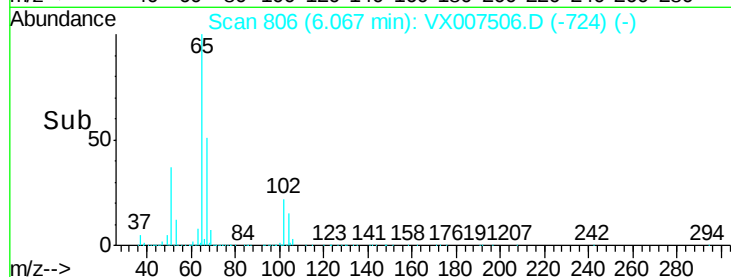
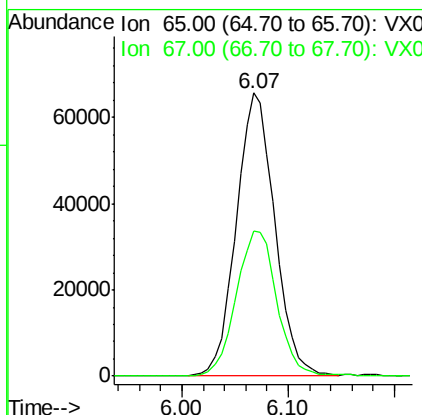
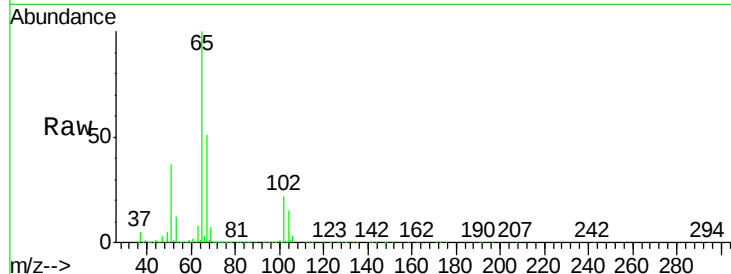




#27
 1,2-Dichloroethane-d4
 Concen: 30.553 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007506.D
 Acq: 13 Feb 2019 02:09

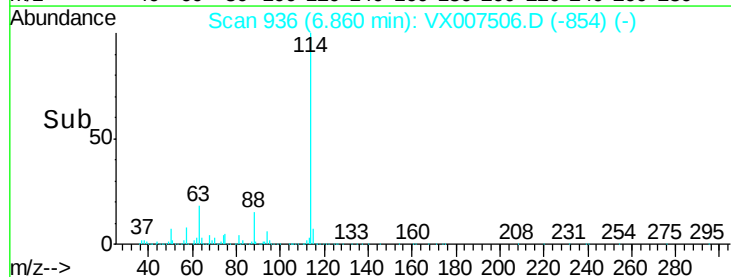
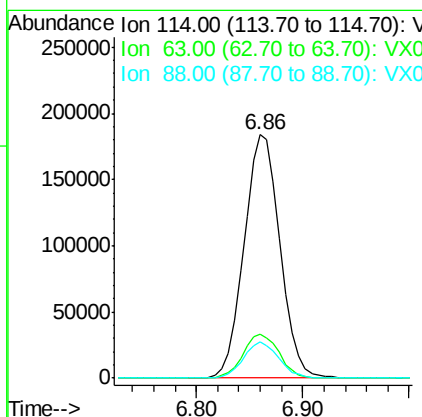
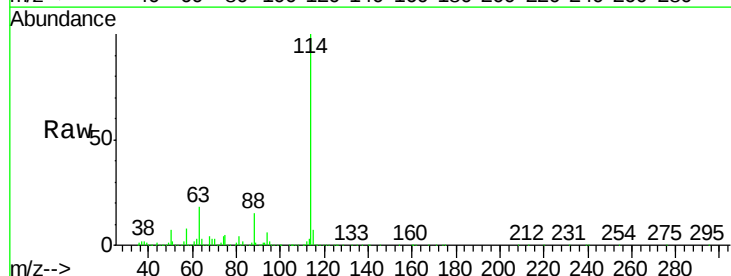
Instrument :
 MSVOA_X
 ClientSampleId :
 EFFLUENT-2

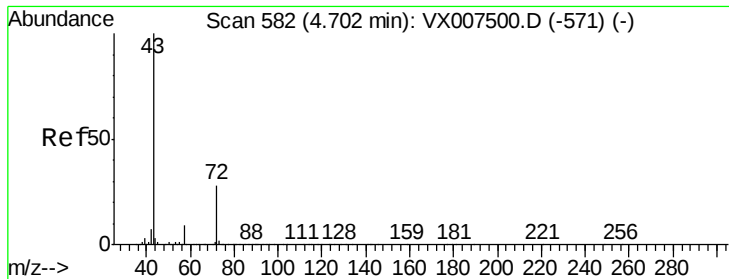
Tgt Ion: 65 Resp: 165685
 Ion Ratio Lower Upper
 65 100
 67 54.0 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007506.D
 Acq: 13 Feb 2019 02:09

Tgt Ion: 114 Resp: 434959
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.2 21.4
 88 14.6 11.9 17.9

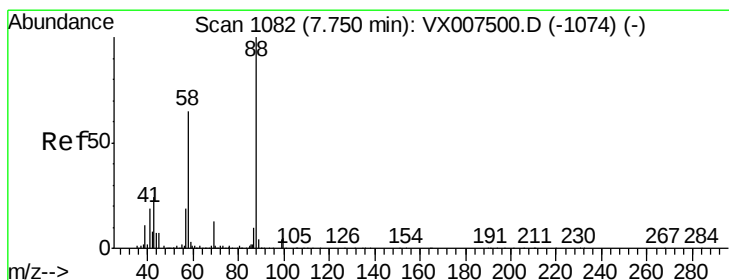
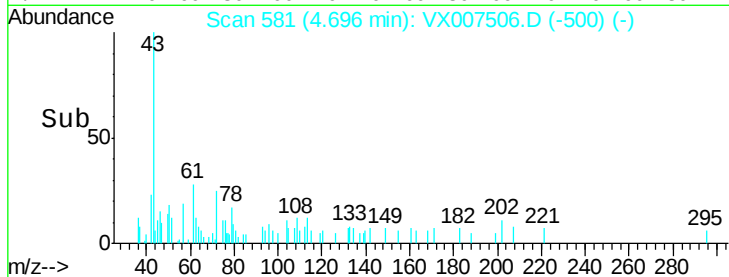
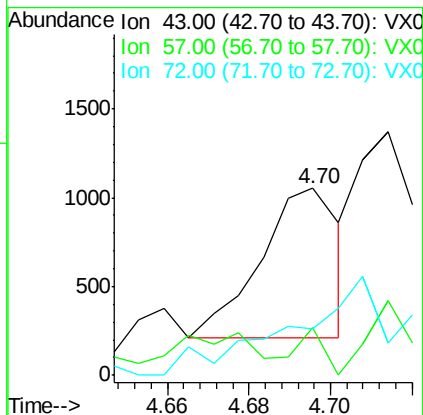
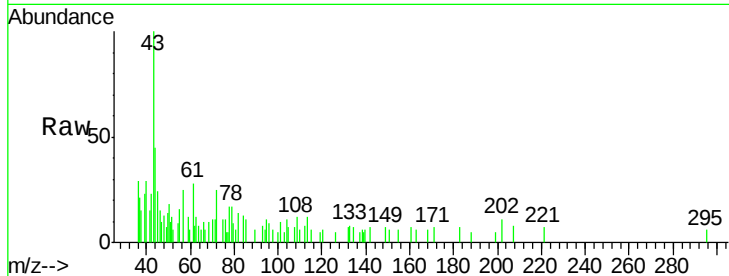




#30
2-Butanone
Concen: 0.318 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007506.D
Acq: 13 Feb 2019 02:09

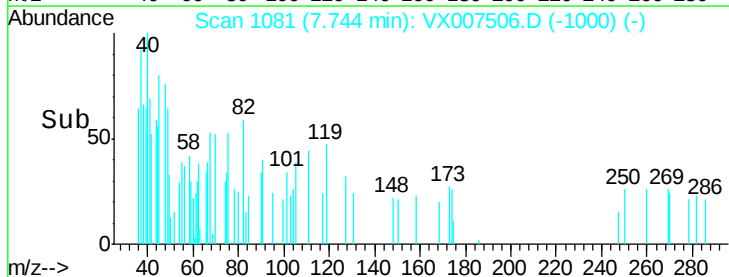
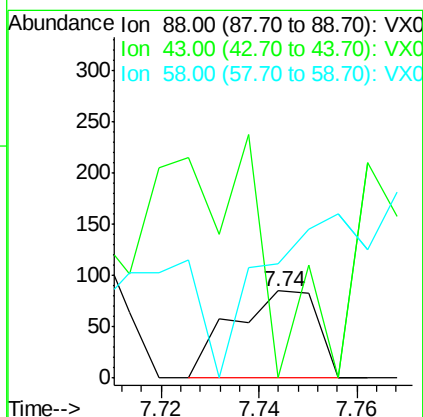
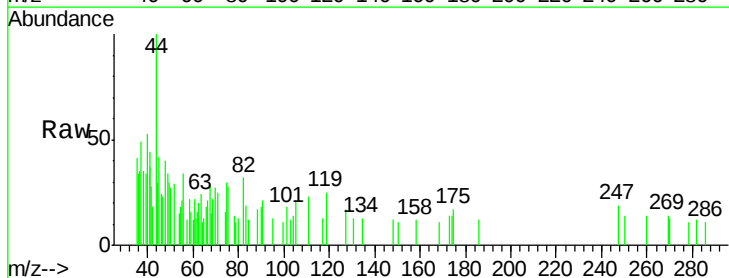
Instrument :
MSVOA_X
ClientSampleId :
EFFLUENT-2

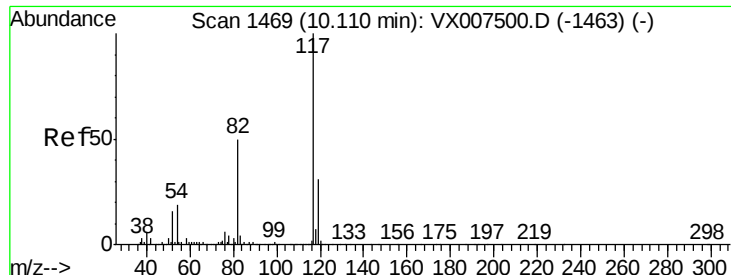
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
57 11.8 7.0 10.6#
72 73.3 21.5 32.3#



#45
1,4-Dioxane
Concen: 0.814 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007506.D
Acq: 13 Feb 2019 02:09

Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 85.3 23.6 35.4#
58 0.0 51.6 77.4#

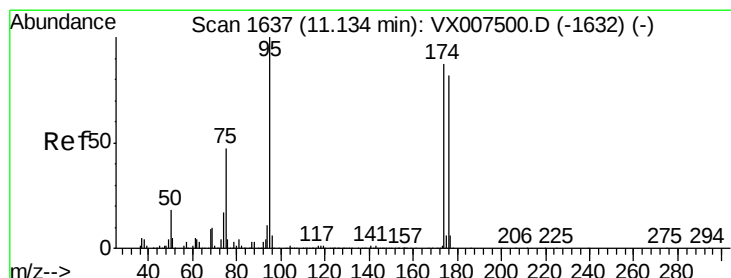
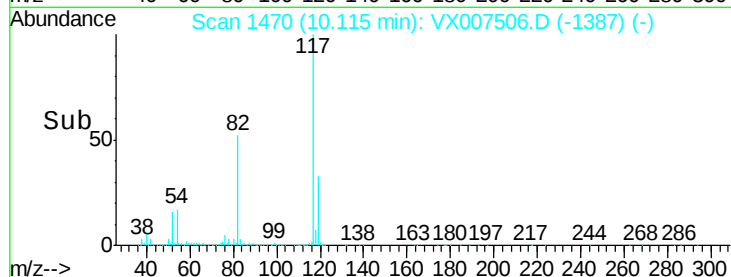
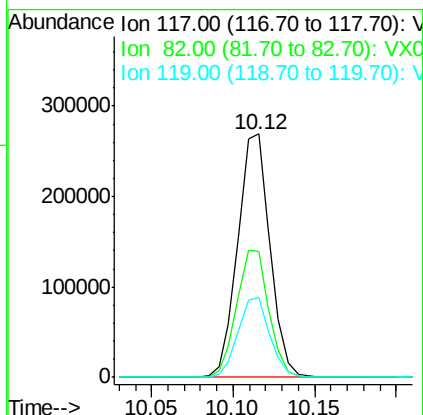
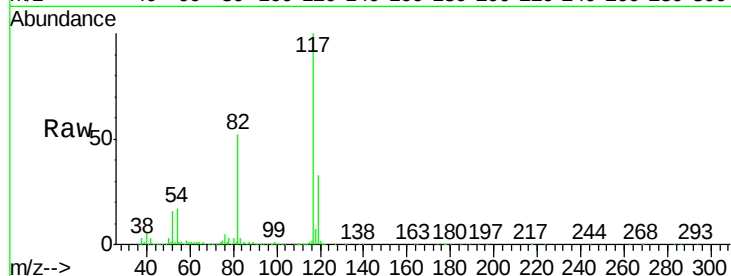




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007506.D
Acq: 13 Feb 2019 02:09

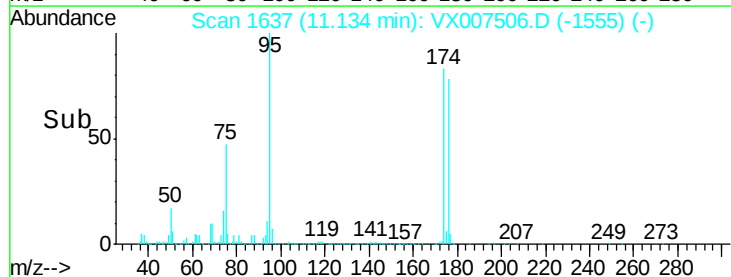
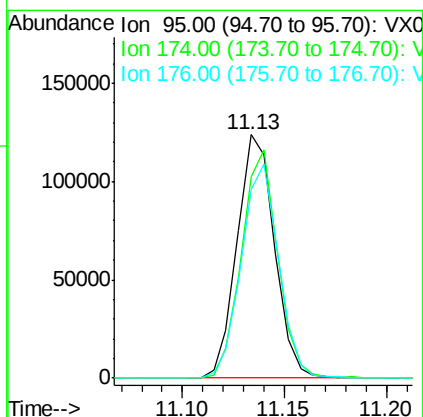
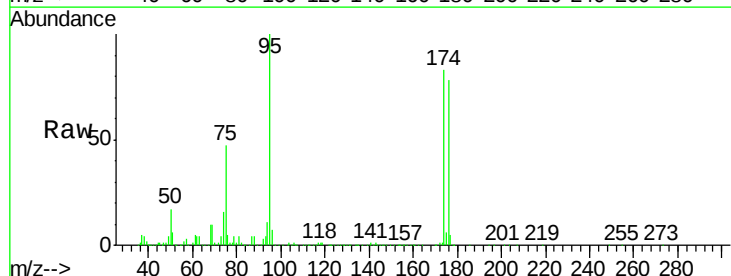
Instrument :
MSVOA_X
ClientSampleId :
EFFLUENT-2

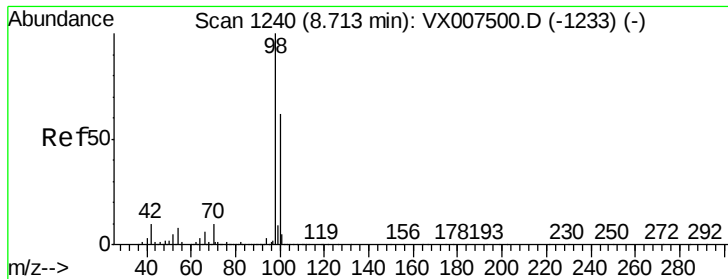
Tgt Ion: 117 Resp: 370770
Ion Ratio Lower Upper
117 100
82 52.4 40.4 60.6
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 27.637 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007506.D
Acq: 13 Feb 2019 02:09

Tgt Ion: 95 Resp: 157273
Ion Ratio Lower Upper
95 100
174 90.4 74.9 112.3
176 88.5 70.7 106.1





#63

Toluene-d8

Concen: 29.842 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

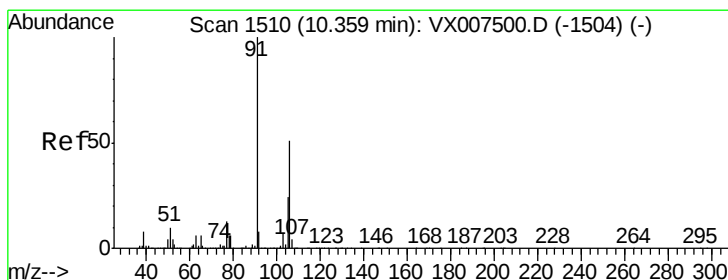
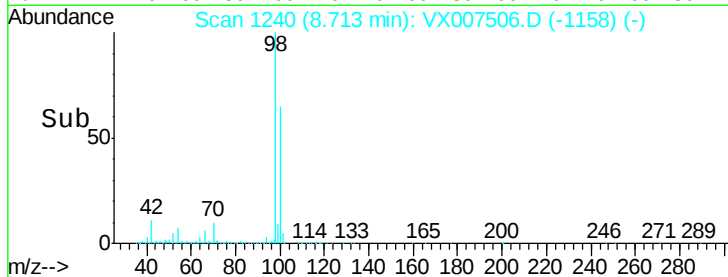
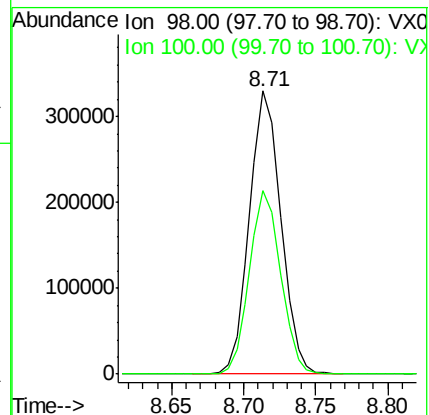
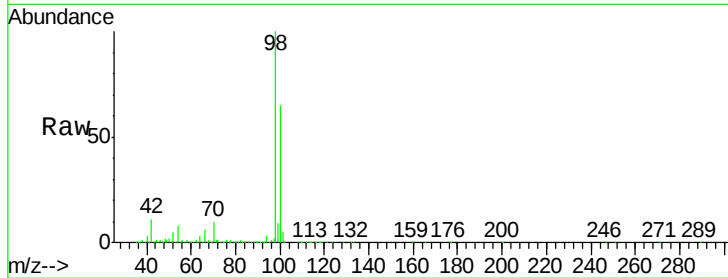
EFFLUENT-2

Tgt Ion: 98 Resp: 500096

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#67

m/p-Xylenes

Concen: 0.210 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Tgt Ion: 106 Resp: 1761

Ion Ratio Lower Upper

106 100

91 188.0 157.0 235.4

