

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020819\
 Data File : VX007437.D
 Acq On : 08 Feb 2019 13:03
 Operator : JC/SP
 Sample : K1426-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Feb 08 14:08:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	92763	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	502417	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	444004	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	188953	31.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.43%
60) 4-Bromofluorobenzene	11.13	95	194628	28.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.67%
63) Toluene-d8	8.71	98	583942	29.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.27%

Target Compounds

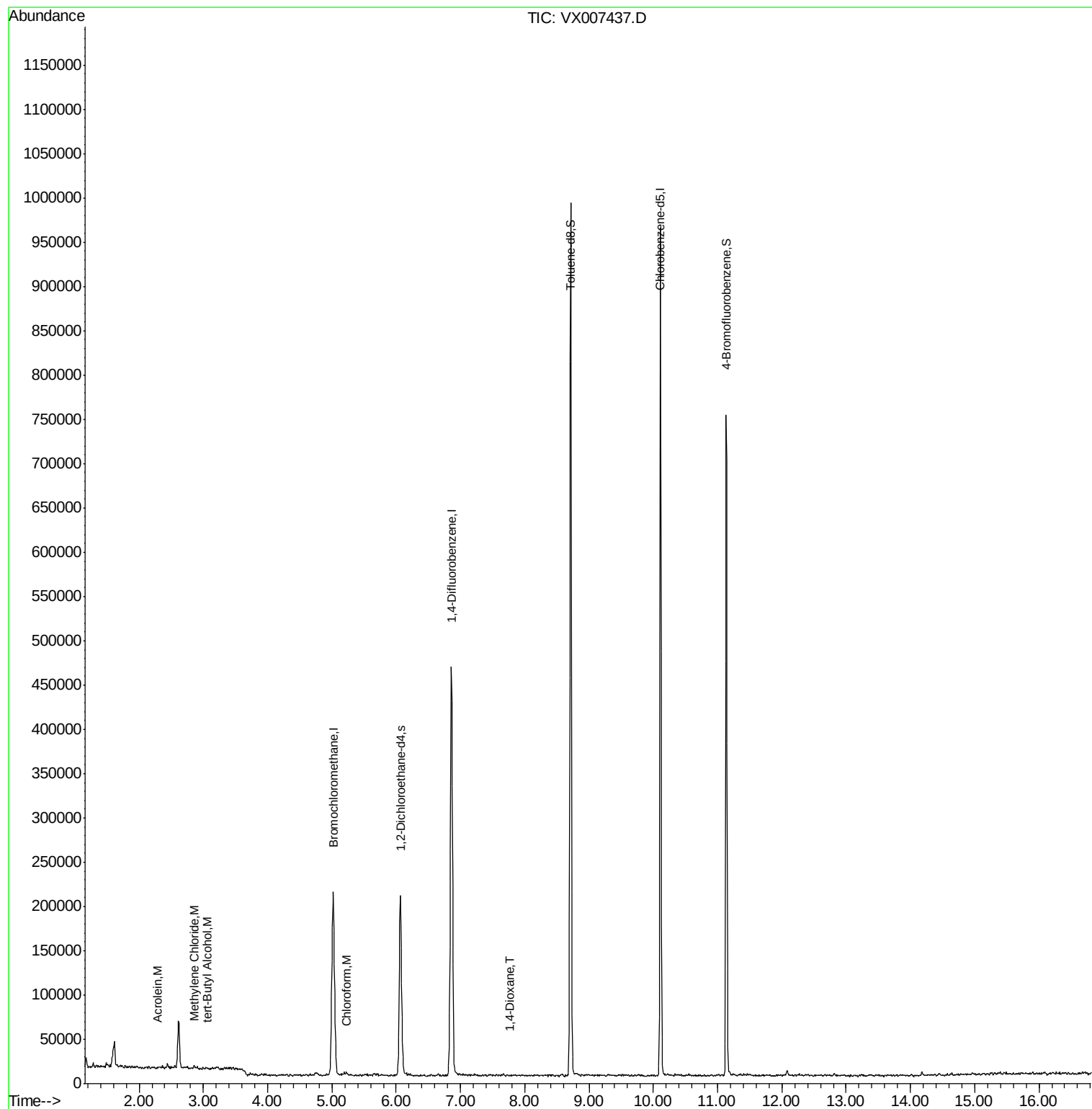
					Qvalue
13) Acrolein	2.28	56	139	0.235 ug/l	89
18) Methylene Chloride	2.86	84	1468	0.266 ug/l #	79
23) tert-Butyl Alcohol	3.07	59	390	0.304 ug/l #	86
25) Chloroform	5.21	83	2130	0.233 ug/l	96
45) 1,4-Dioxane	7.76	88	64	0.463 ug/l #	1

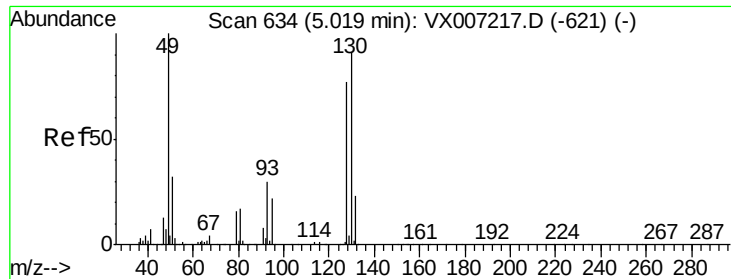
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 28 10:35:22 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007437.D

Acq: 08 Feb 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

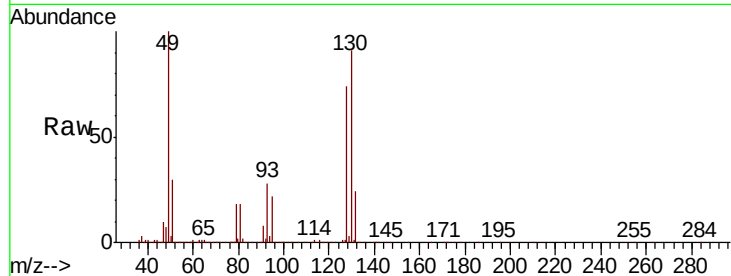
Tgt Ion:128 Resp: 92763

Ion Ratio Lower Upper

128 100

49 141.7 0.0 345.5

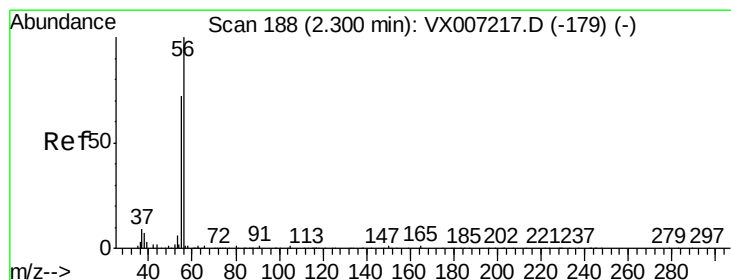
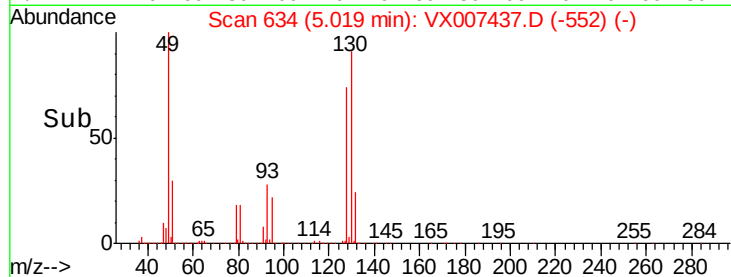
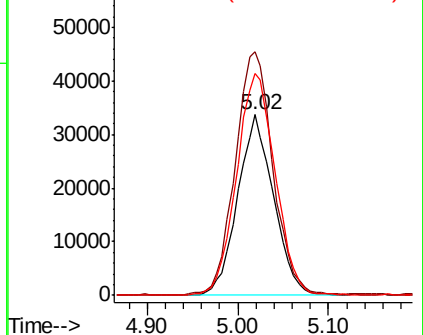
130 131.5 0.0 320.0



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



#13

Acrolein

Concen: 0.235 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX007437.D

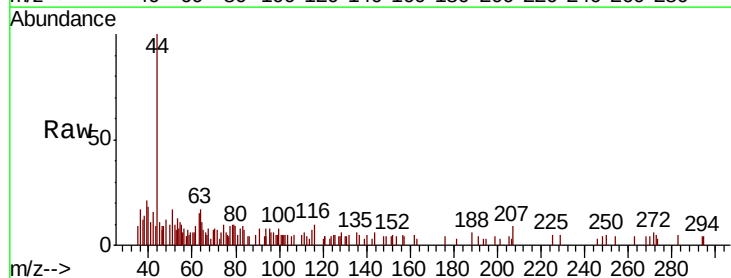
Acq: 08 Feb 2019 13:03

Tgt Ion: 56 Resp: 139

Ion Ratio Lower Upper

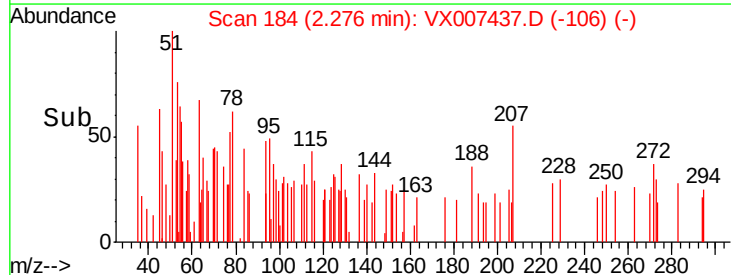
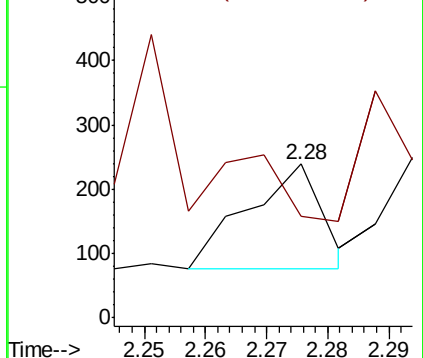
56 100

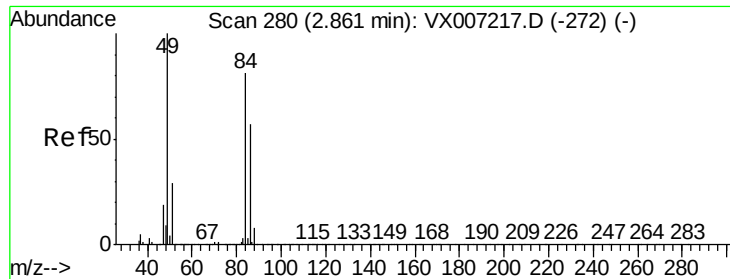
55 82.7 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

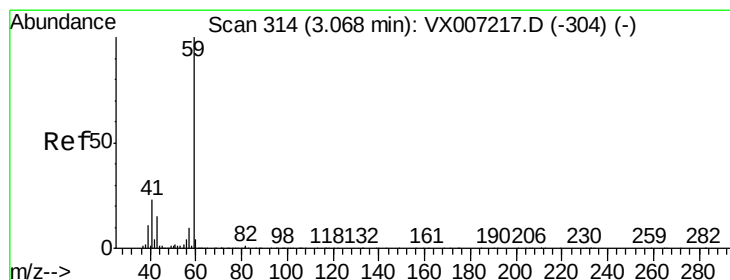
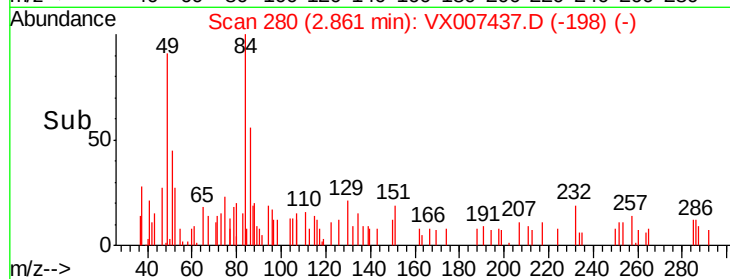
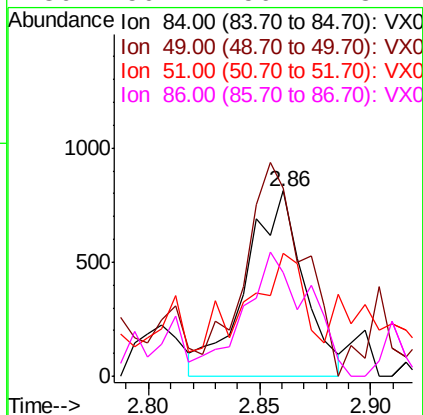
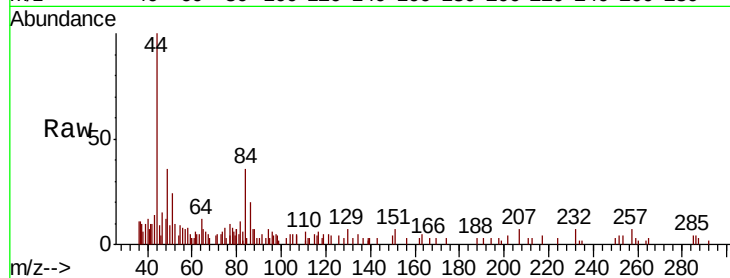




#18
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

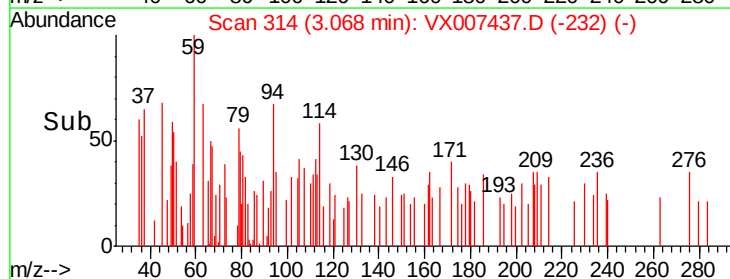
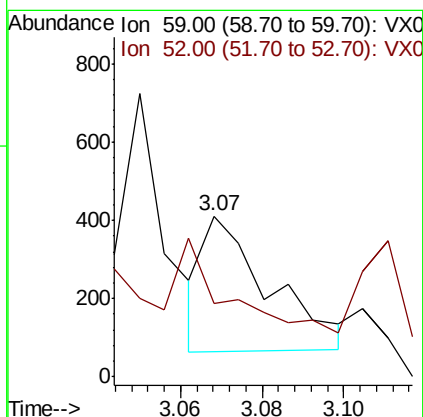
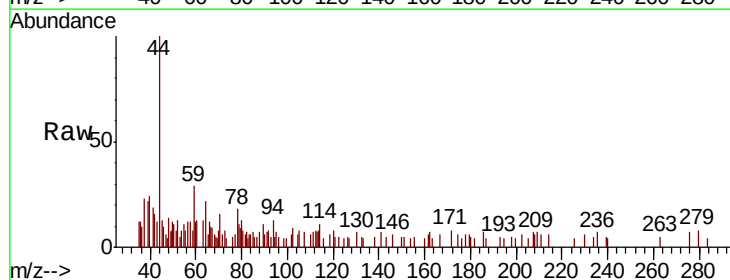
Instrument :
MSVOA_X
ClientSampled :
SPDES-1

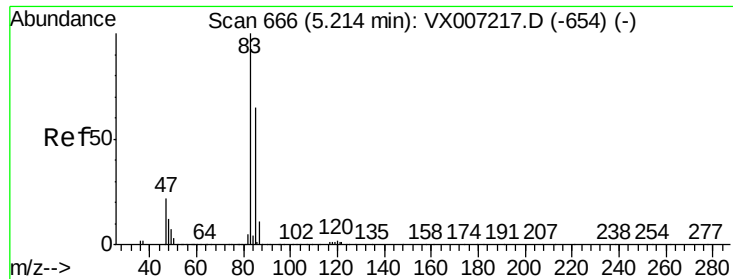
Tgt Ion: 84 Resp: 1468
Ion Ratio Lower Upper
84 100
49 106.0 98.4 147.6
51 55.3 28.9 43.3#
86 50.1 56.1 84.1#



#23
tert-Butyl Alcohol
Concen: 0.304 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

Tgt Ion: 59 Resp: 390
Ion Ratio Lower Upper
59 100
52 18.5 0.2 0.2#

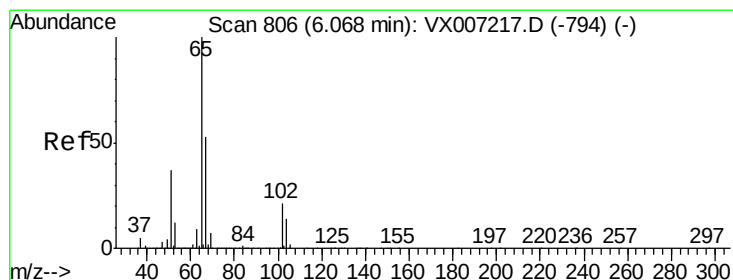
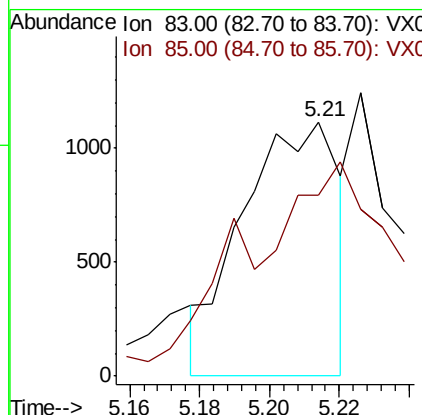
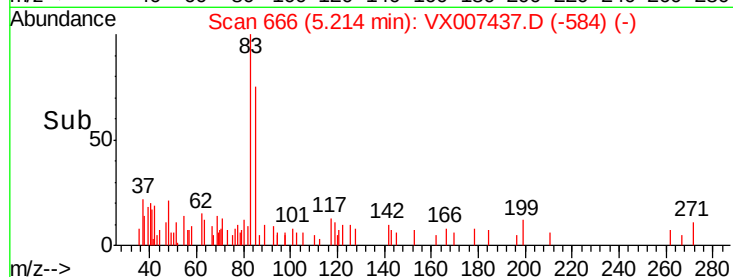
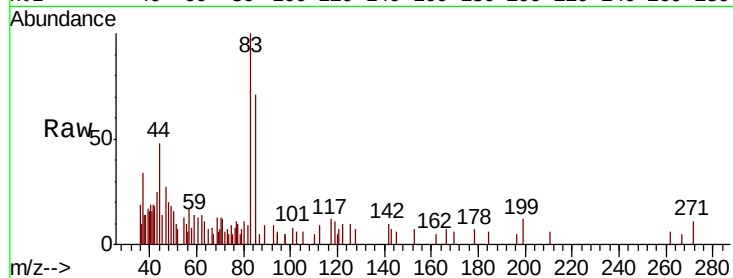




#25
Chloroform
Concen: 0.233 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

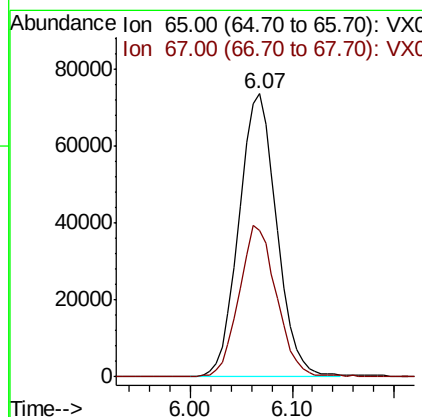
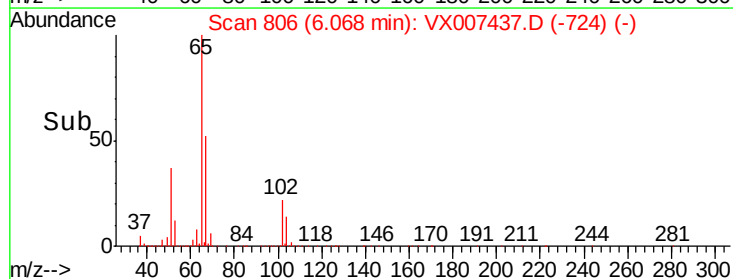
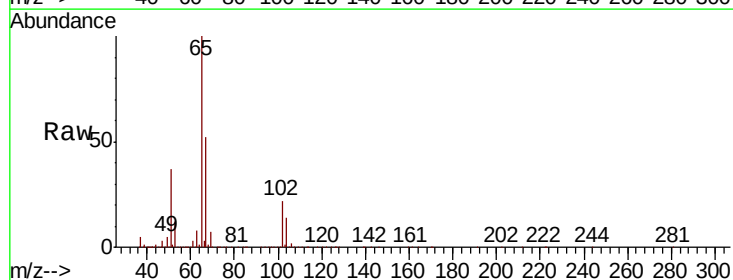
Instrument :
MSVOA_X
ClientSampled :
SPDES-1

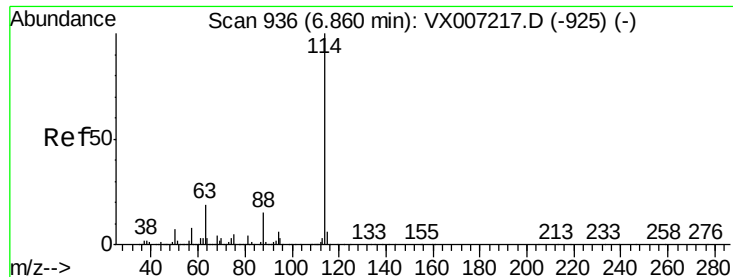
Tgt Ion: 83 Resp: 2130
Ion Ratio Lower Upper
83 100
85 68.2 51.9 77.9



#27
1,2-Dichloroethane-d4
Concen: 31.031 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

Tgt Ion: 65 Resp: 188953
Ion Ratio Lower Upper
65 100
67 52.7 42.0 63.0

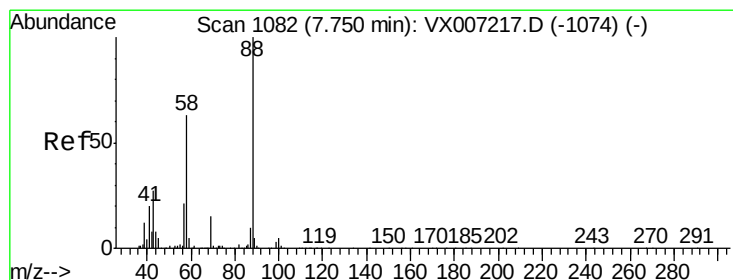
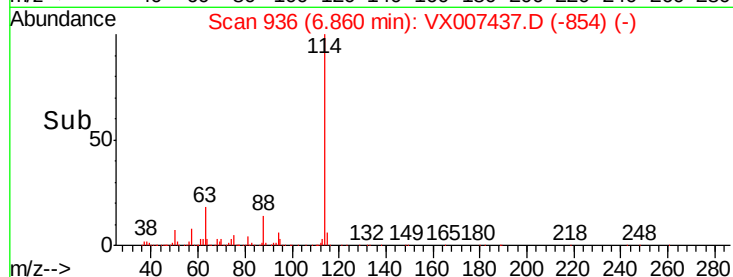
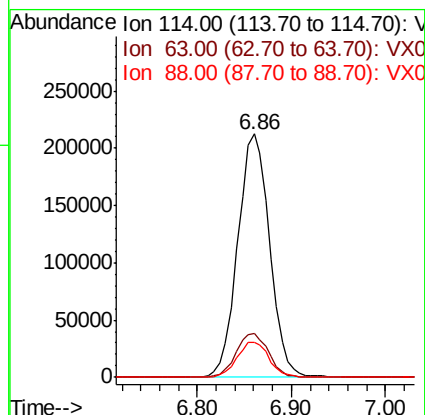
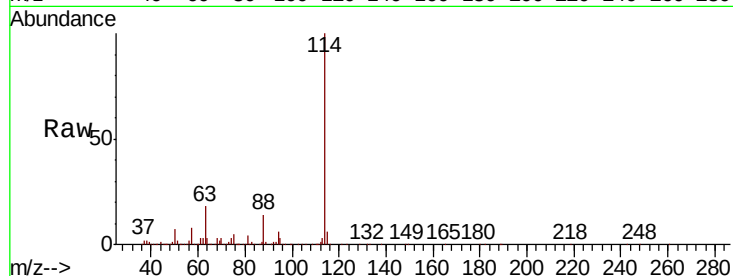




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007437.D
 Acq: 08 Feb 2019 13:03

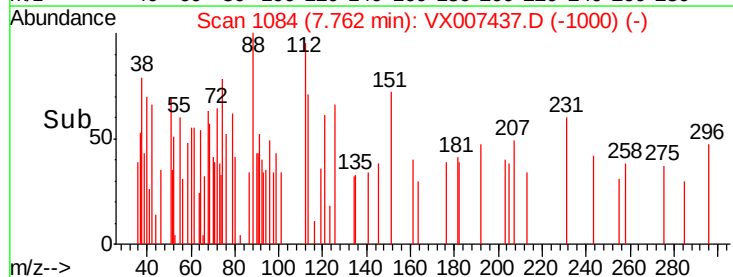
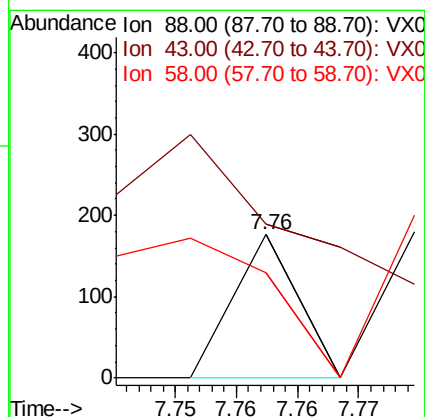
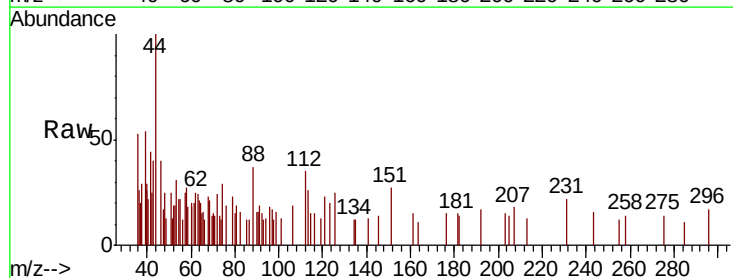
Instrument :
 MSVOA_X
 ClientSampled :
 SPDES-1

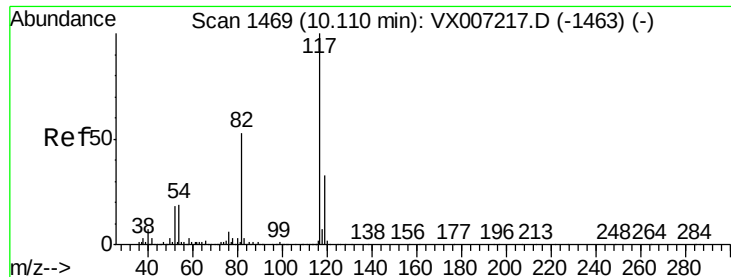
Tgt Ion: 114 Resp: 502417
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.6 21.8
 88 14.6 11.8 17.6



#45
 1,4-Dioxane
 Concen: 0.463 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: VX007437.D
 Acq: 08 Feb 2019 13:03

Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 343.8 23.5 35.3#
 58 257.8 51.6 77.4#

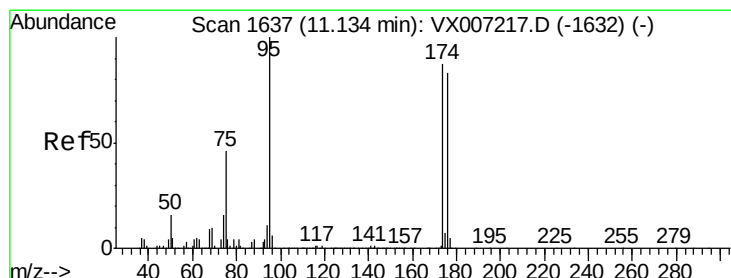
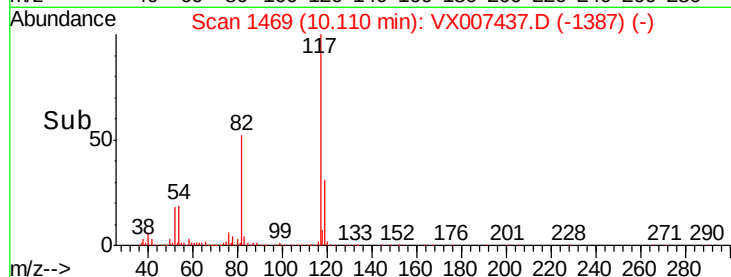
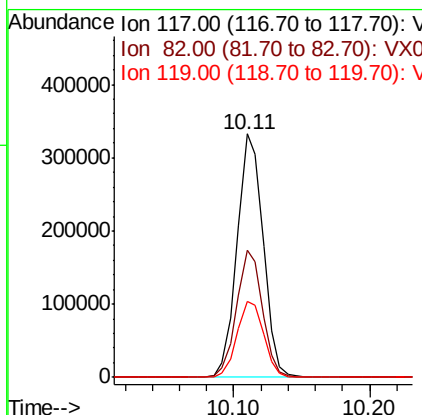
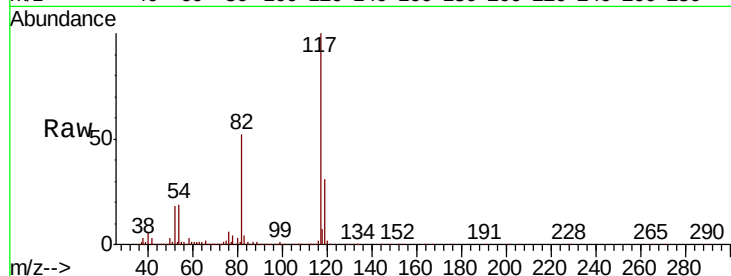




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

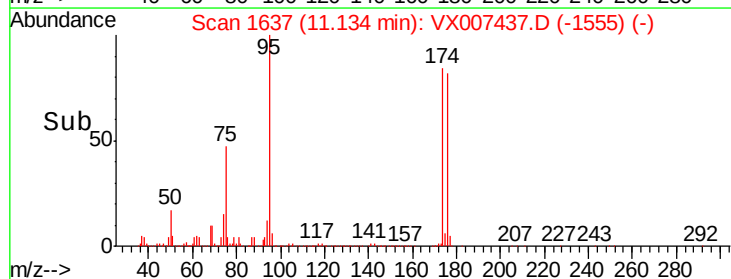
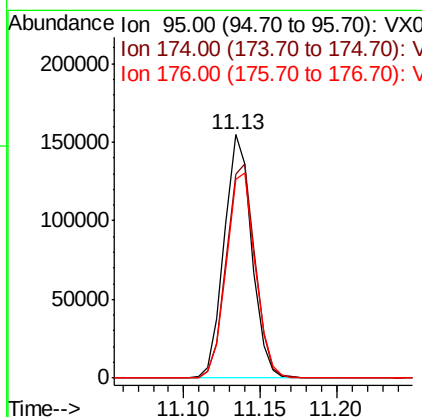
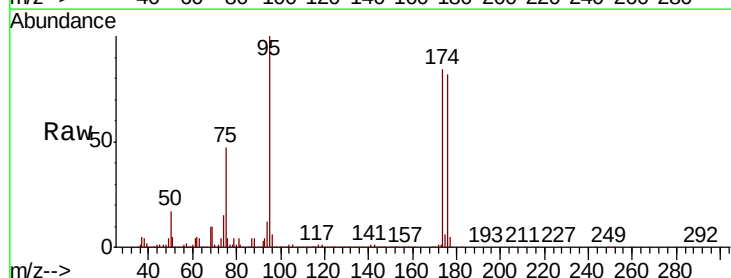
Instrument :
MSVOA_X
ClientSampled :
SPDES-1

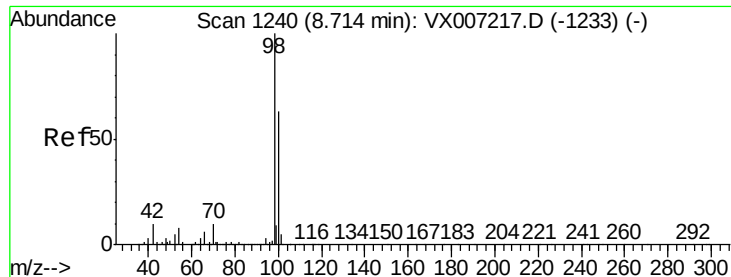
Tgt Ion: 117 Resp: 444004
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.0
119 32.0 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 28.401 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007437.D
Acq: 08 Feb 2019 13:03

Tgt Ion: 95 Resp: 194628
Ion Ratio Lower Upper
95 100
174 91.5 74.8 112.2
176 88.1 72.5 108.7





#63

Toluene-d8

Concen: 29.178 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007437.D

Acq: 08 Feb 2019 13:03

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

Tgt Ion: 98 Resp: 583942

Ion Ratio Lower Upper

98 100

100 64.1 49.9 74.9

