

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031519\
 Data File : VX008104.D
 Acq On : 15 Mar 2019 13:36
 Operator : JC/SP
 Sample : K1915-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Mar 15 14:32:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42132	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	223944	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	192980	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	79131	28.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.23%
60) 4-Bromofluorobenzene	11.13	95	83997	27.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.90%
63) Toluene-d8	8.71	98	257780	29.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.30%

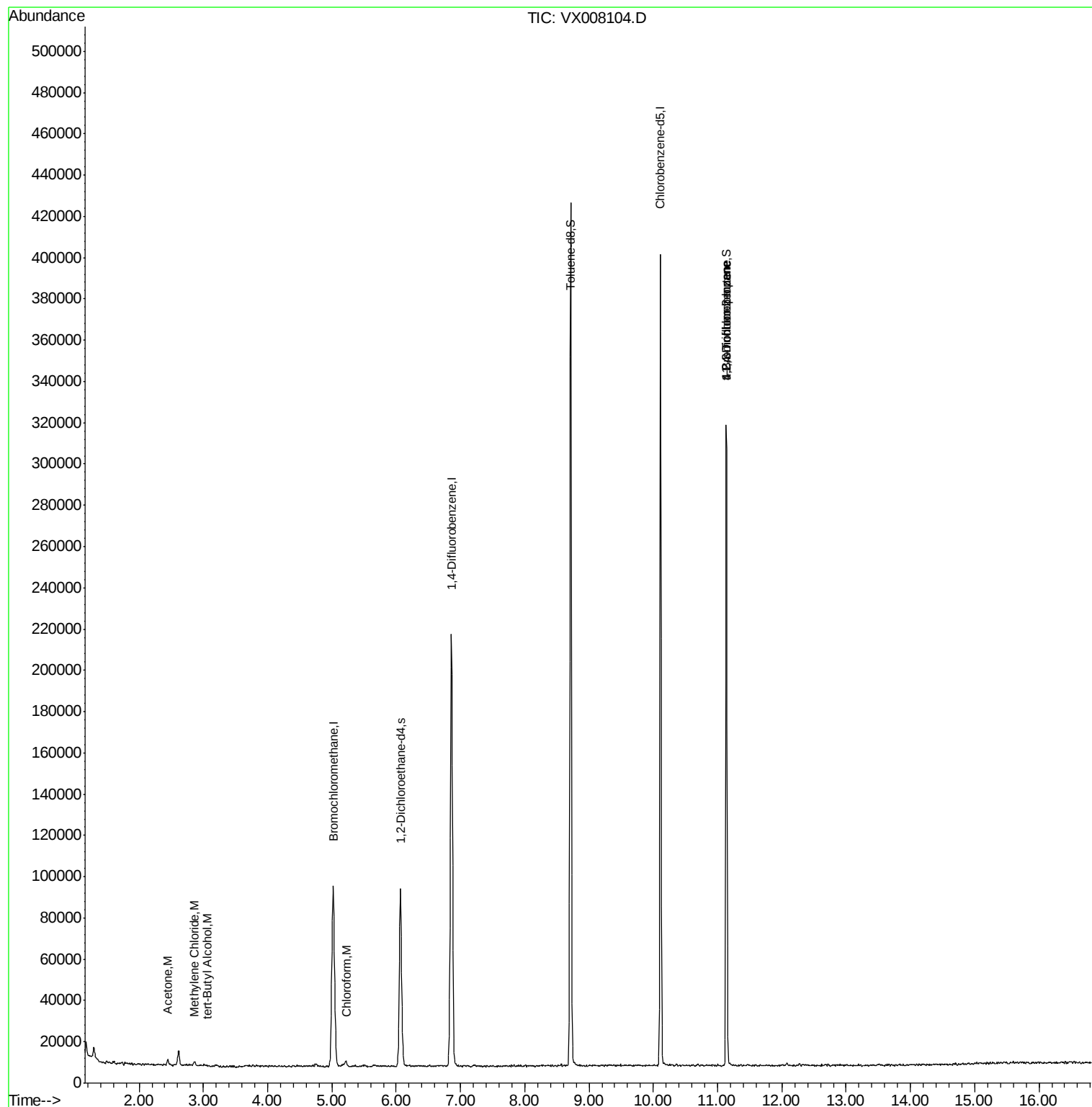
Target Compounds					Qvalue
15) Acetone	2.44	58	1030	1.738 ug/l #	46
18) Methylene Chloride	2.86	84	852	0.306 ug/l #	74
23) tert-Butyl Alcohol	3.06	59	147	0.222 ug/l #	100
25) Chloroform	5.22	83	2829	0.601 ug/l	91
72) 1,2,3-Trichloropropane	11.13	75	36744	9.801 ug/l	39
77) t-1,4-Dichloro-2-butene	11.13	75	36744	31.722 ug/l #	5

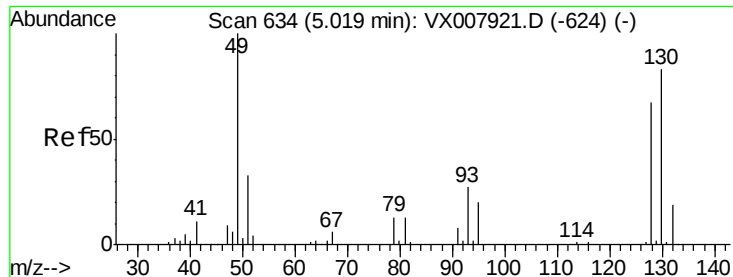
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 12:01:36 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX008104.D

Acq: 15 Mar 2019 13:36

Instrument :

MSVOA_X

ClientSampled :

SPDES-1

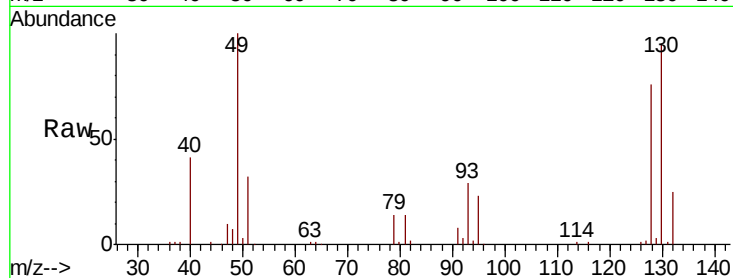
Tgt Ion:128 Resp: 42132

Ion Ratio Lower Upper

128 100

49 136.5 0.0 350.8

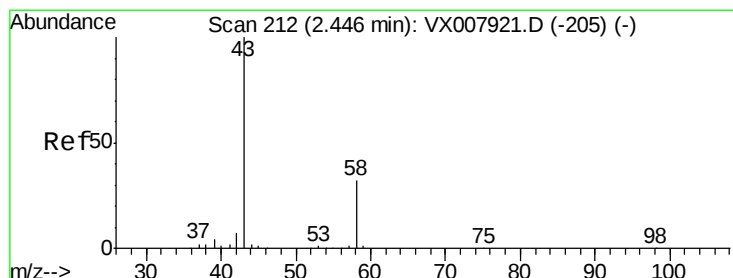
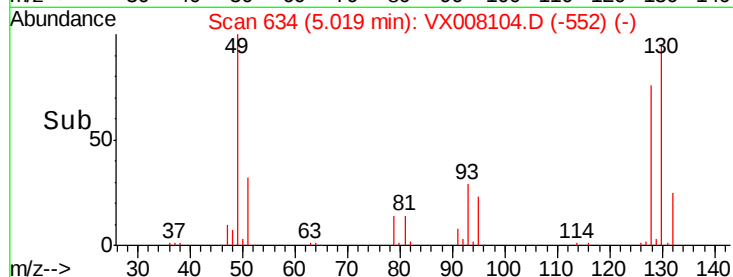
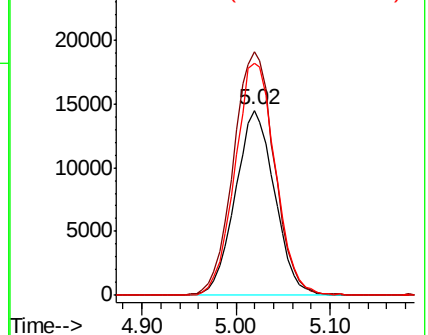
130 129.0 0.0 325.8



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



#15

Acetone

Concen: 1.738 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008104.D

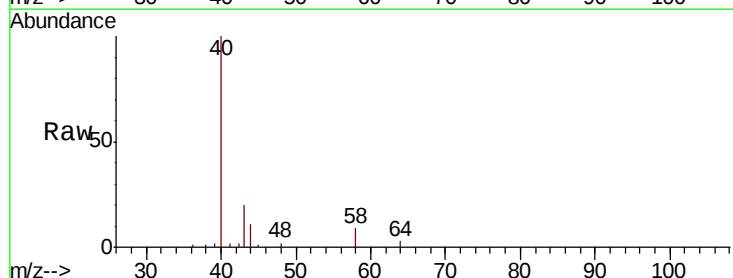
Acq: 15 Mar 2019 13:36

Tgt Ion: 58 Resp: 1030

Ion Ratio Lower Upper

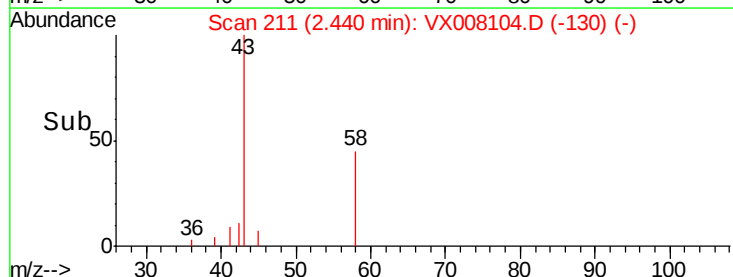
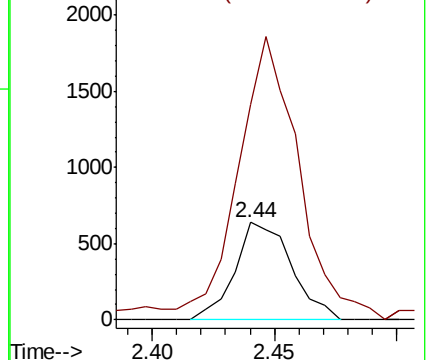
58 100

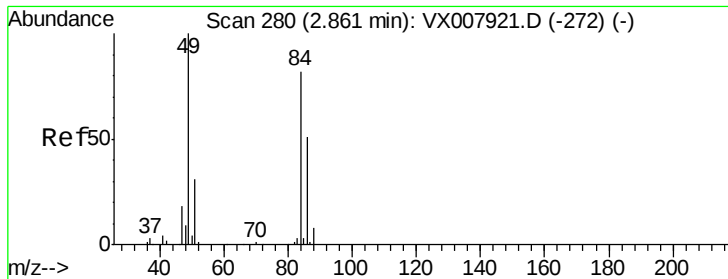
43 202.5 249.8 374.6#



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

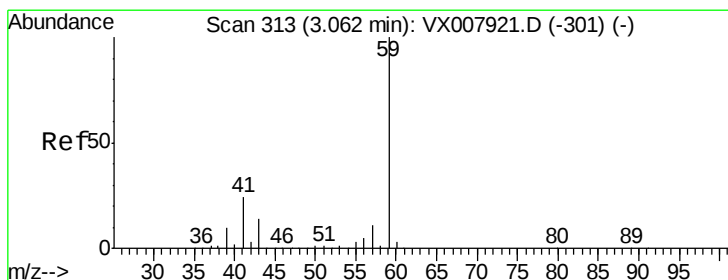
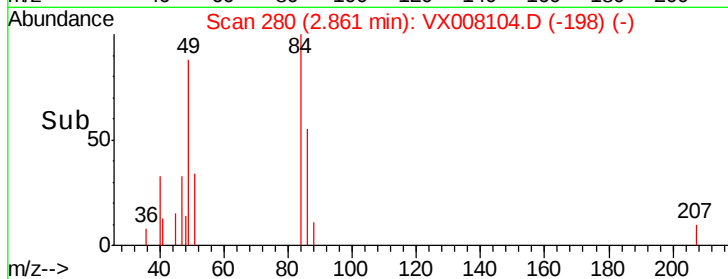
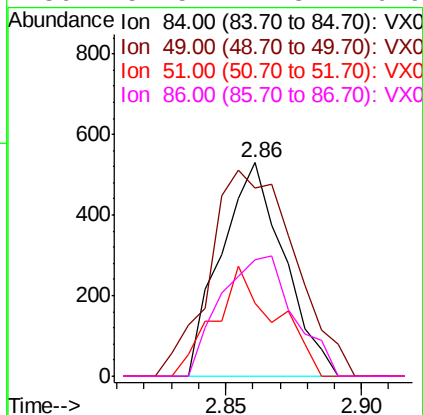
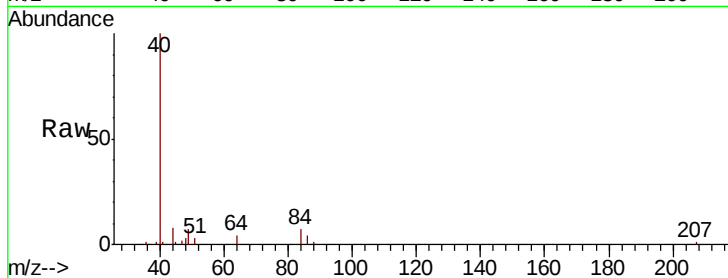




#18
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

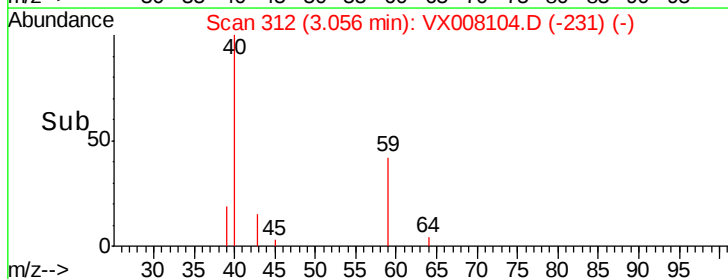
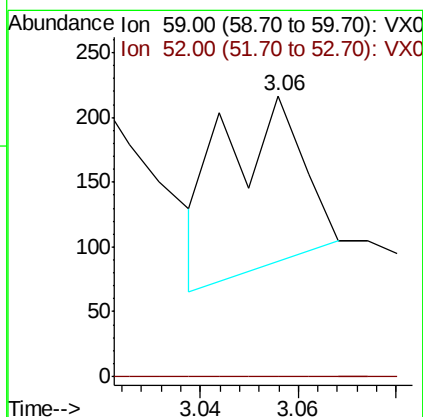
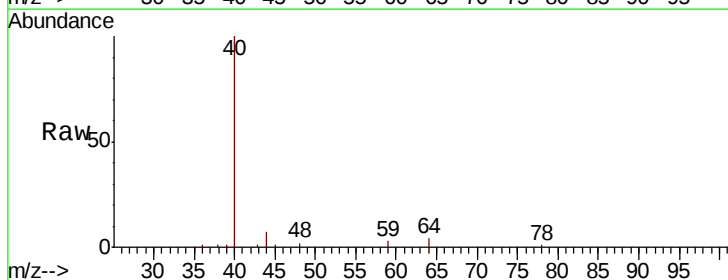
Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

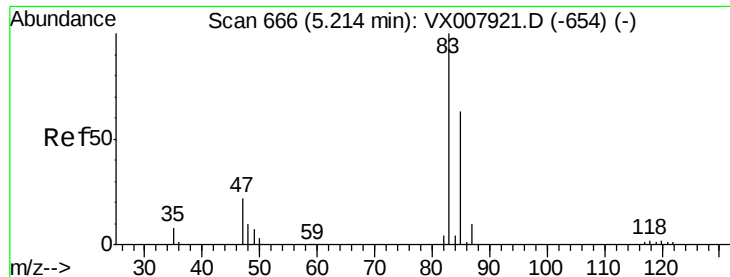
Tgt Ion: 84 Resp: 852
Ion Ratio Lower Upper
84 100
49 73.4 96.1 144.1#
51 34.0 29.1 43.7
86 54.5 47.3 70.9



#23
tert-Butyl Alcohol
Concen: 0.222 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.01 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#

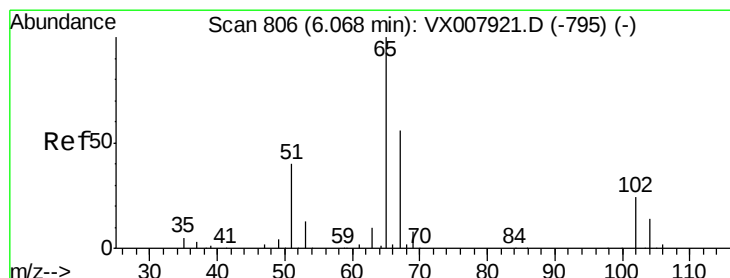
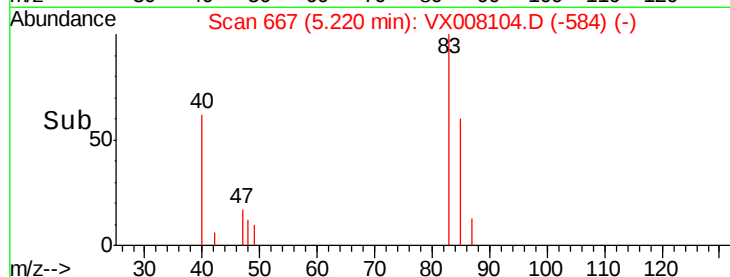
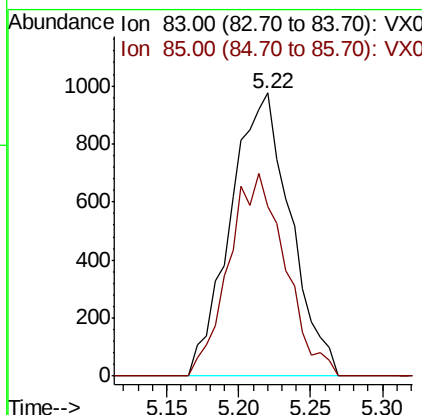
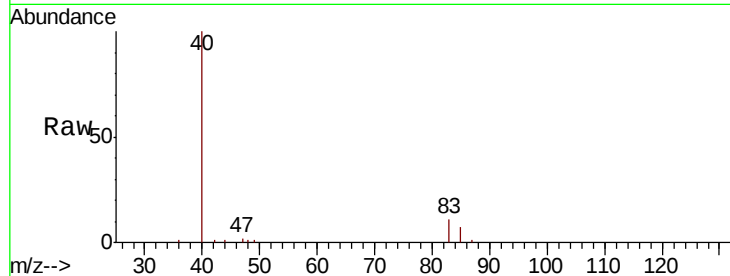




#25
Chloroform
Concen: 0.601 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

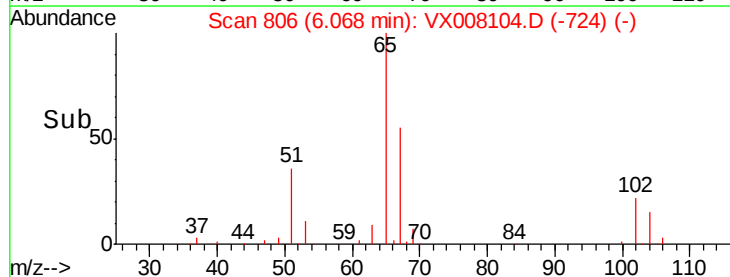
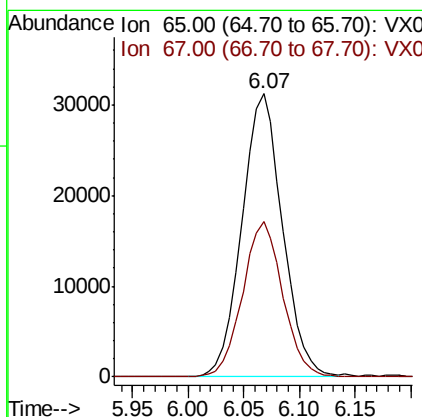
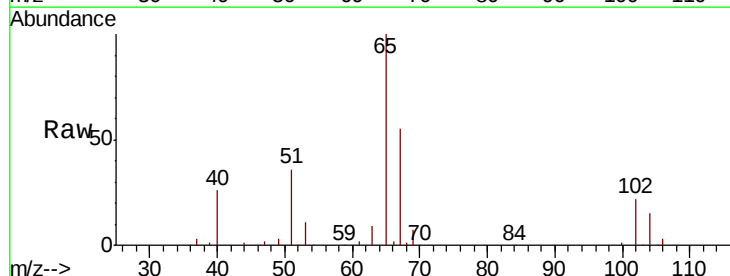
Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

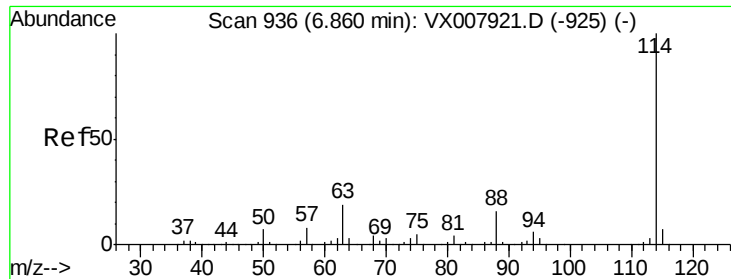
Tgt Ion: 83 Resp: 2829
Ion Ratio Lower Upper
83 100
85 60.1 53.8 80.6



#27
1,2-Dichloroethane-d4
Concen: 28.574 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

Tgt Ion: 65 Resp: 79131
Ion Ratio Lower Upper
65 100
67 54.4 42.9 64.3

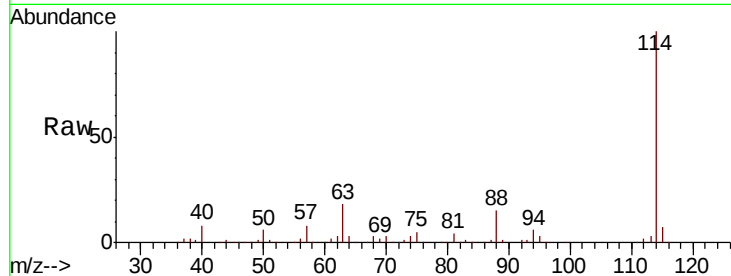




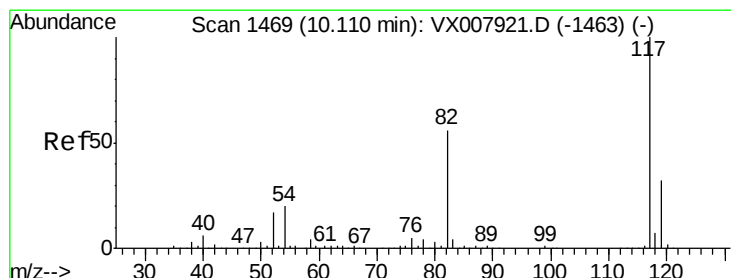
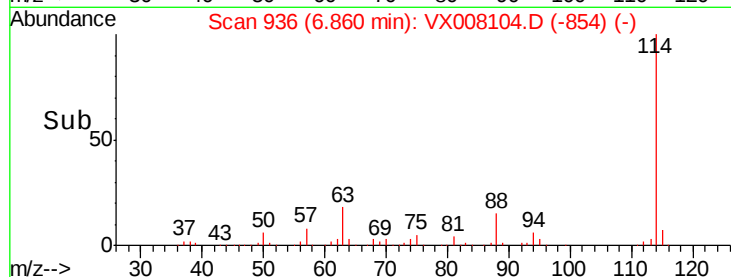
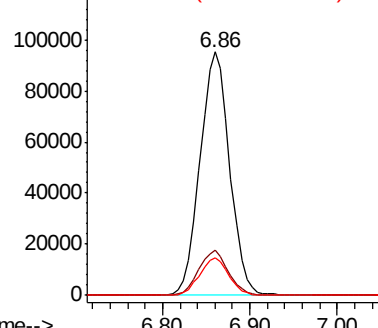
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008104.D
 Acq: 15 Mar 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Tgt Ion:114 Resp: 223944
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.2 21.4
 88 15.2 11.9 17.9

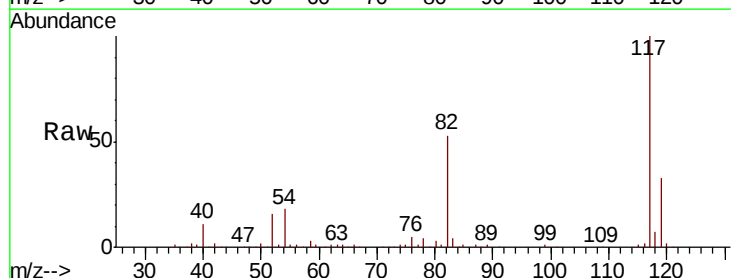


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

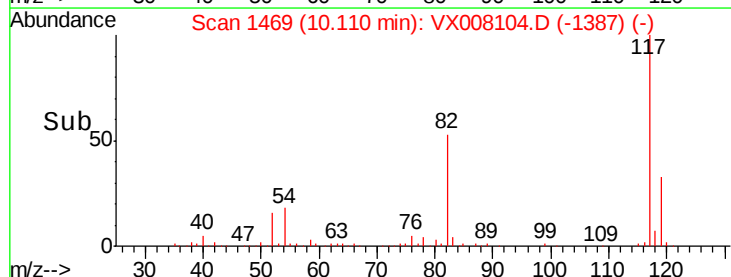
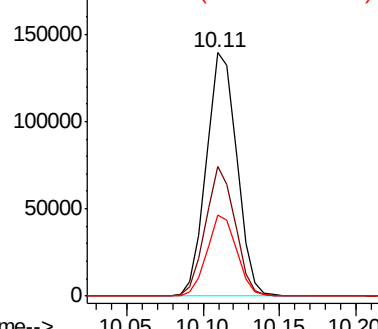


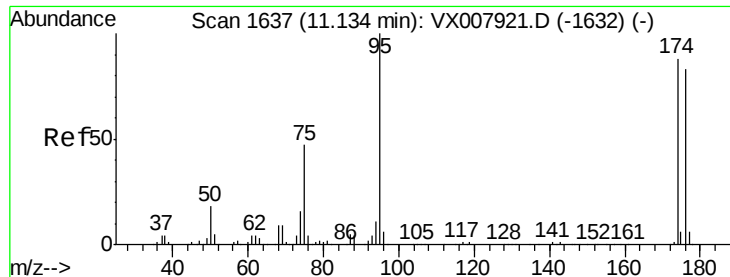
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008104.D
 Acq: 15 Mar 2019 13:36

Tgt Ion:117 Resp: 192980
 Ion Ratio Lower Upper
 117 100
 82 51.7 40.4 60.6
 119 32.5 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 119.00 (118.70 to 119.70): V

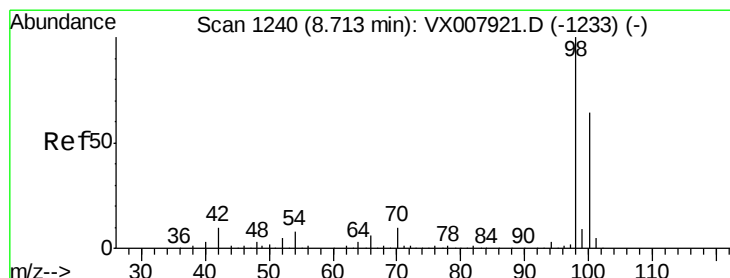
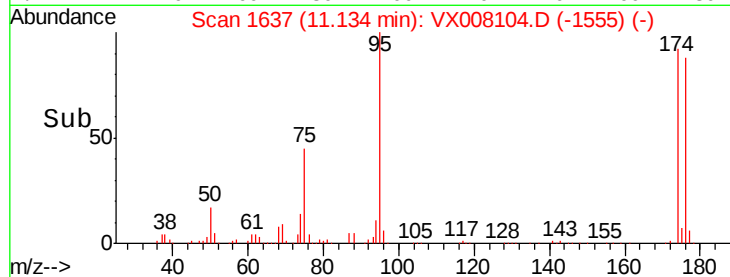
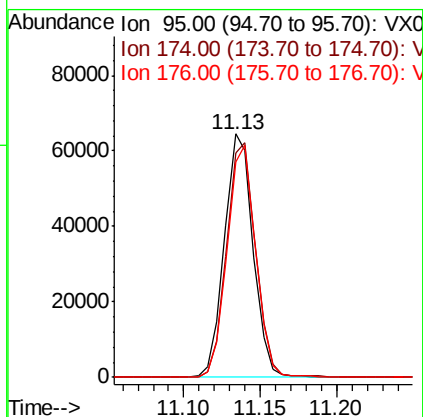
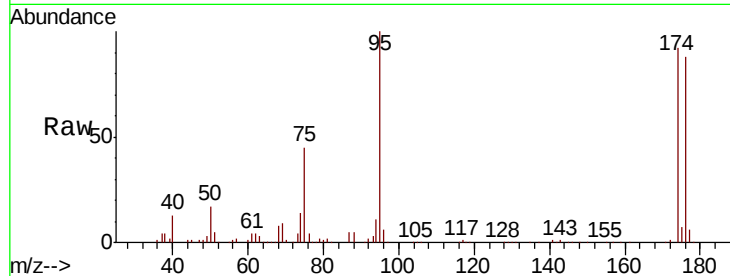




#60
4-Bromofluorobenzene
Concen: 27.270 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

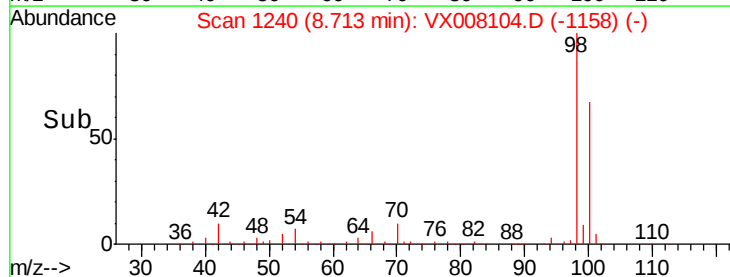
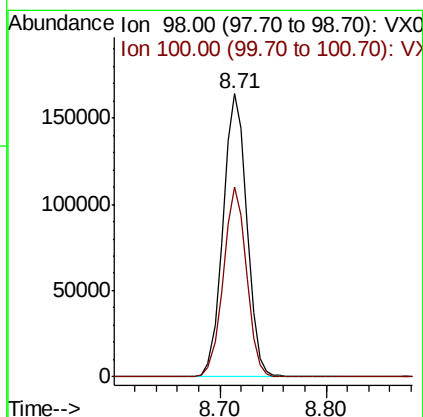
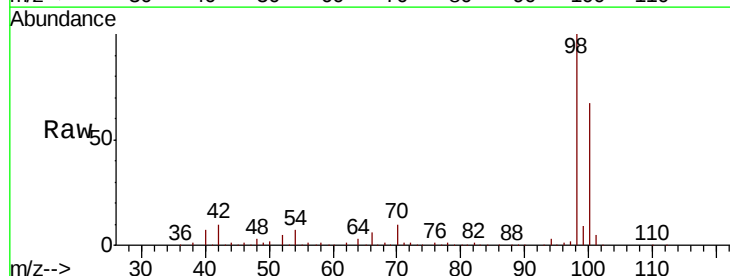
Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

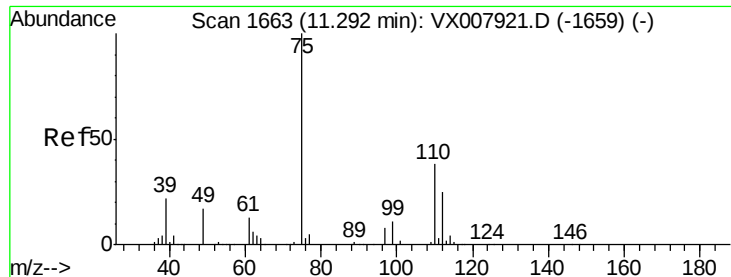
Tgt Ion: 95 Resp: 83997
Ion Ratio Lower Upper
95 100
174 97.2 74.9 112.3
176 94.5 70.7 106.1



#63
Toluene-d8
Concen: 29.189 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008104.D
Acq: 15 Mar 2019 13:36

Tgt Ion: 98 Resp: 257780
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3





#72

1,2,3-Trichloropropane

Concen: 9.801 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008104.D

Acq: 15 Mar 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

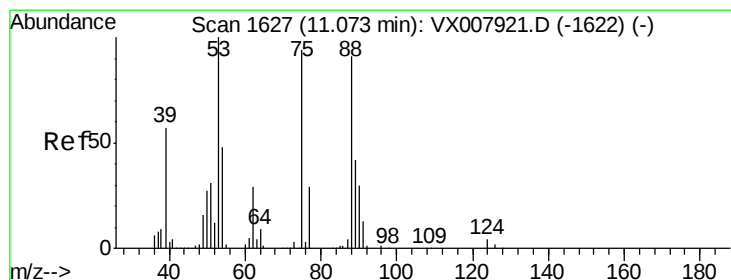
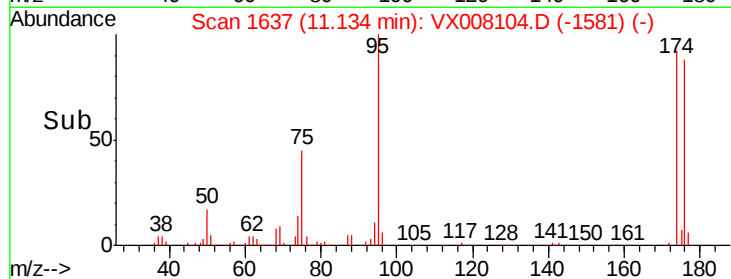
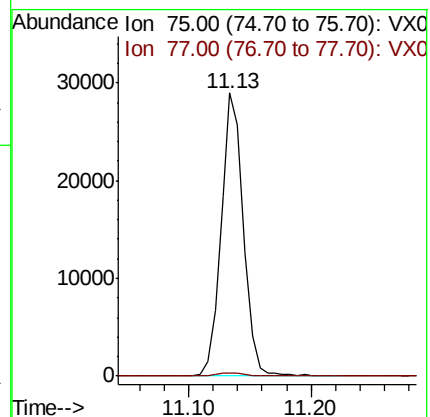
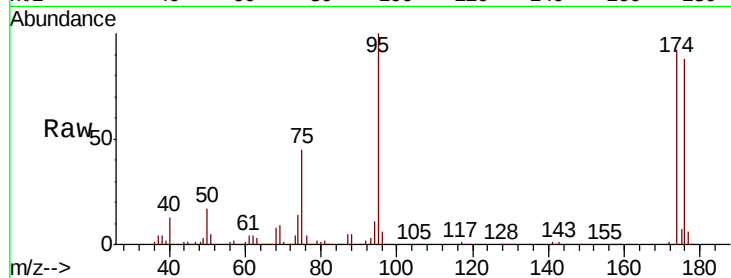
SPDES-1

Tgt Ion: 75 Resp: 36744

Ion Ratio Lower Upper

75 100

77 1.4 0.0 76.4



#77

t-1,4-Dichloro-2-butene

Concen: 31.722 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008104.D

Acq: 15 Mar 2019 13:36

Tgt Ion: 75 Resp: 36744

Ion Ratio Lower Upper

75 100

53 0.0 55.5 166.7#

89 0.0 24.4 73.2#

