

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008166.D
 Acq On : 18 Mar 2019 14:59
 Operator : JC/SP
 Sample : VX0318WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBL01

Quant Time: Mar 19 02:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	52937	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	294452	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	251849	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	134506	30.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.83%
60) 4-Bromofluorobenzene	11.13	95	118408	28.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.90%
63) Toluene-d8	8.71	98	366666	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

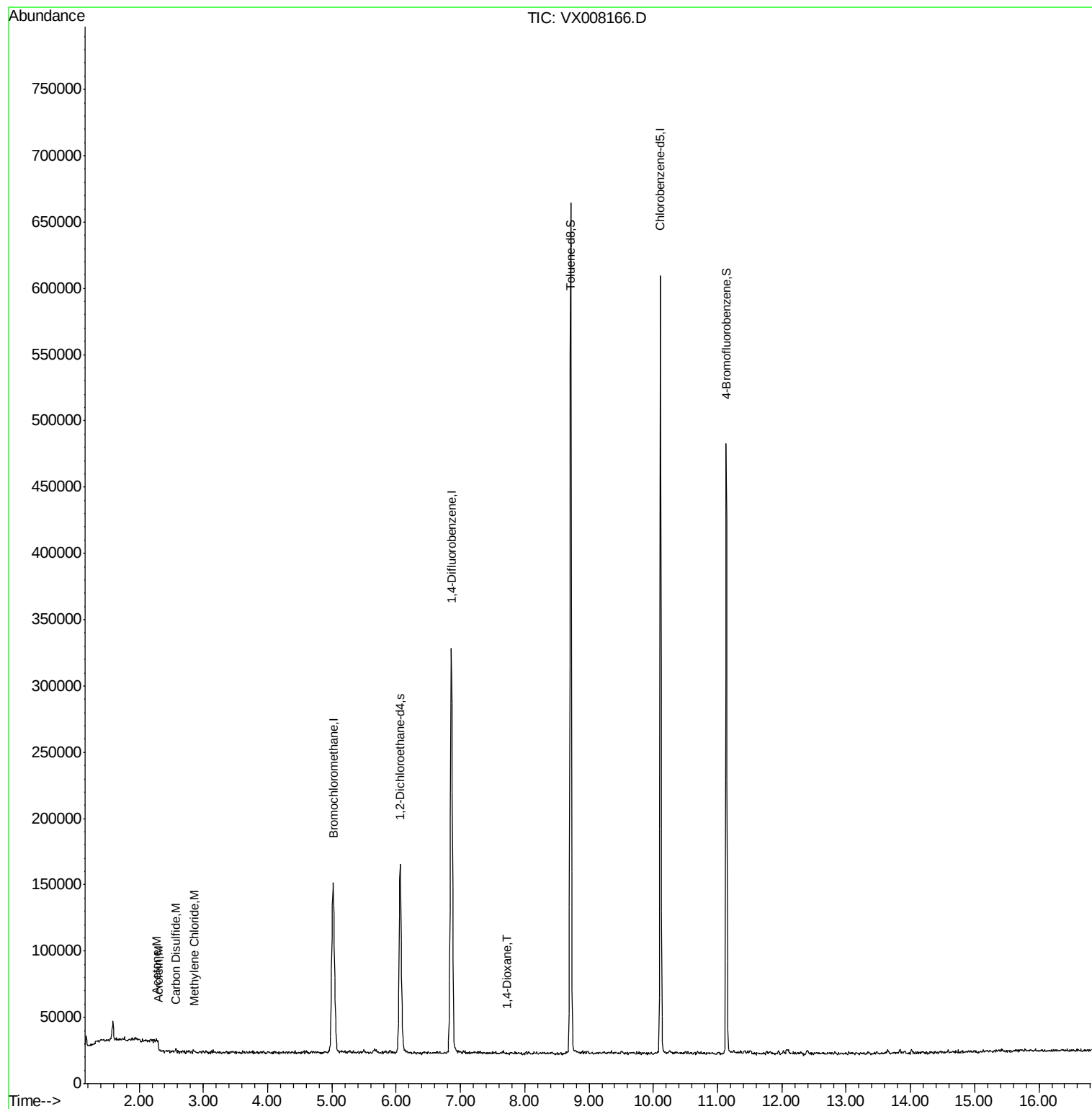
					Ovalue	
13) Acrolein	2.31	56	312	0.498	ug/l	99
15) Acetone	2.27	58	121	0.208	ug/l	89
16) Carbon Disulfide	2.57	76	1633	0.206	ug/l #	91
18) Methylene Chloride	2.86	84	609	0.210	ug/l #	78
45) 1,4-Dioxane	7.73	88	21	0.298	ug/l #	1

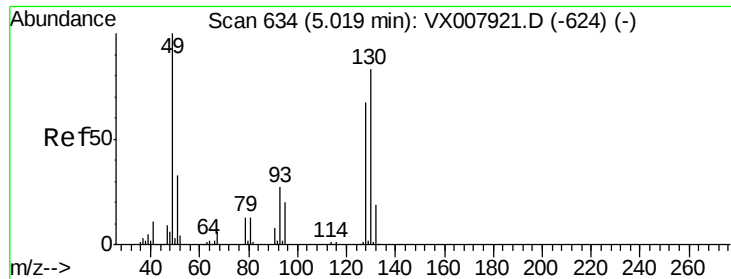
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 18 14:34:46 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: VX008166.D

Acq: 18 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBL01

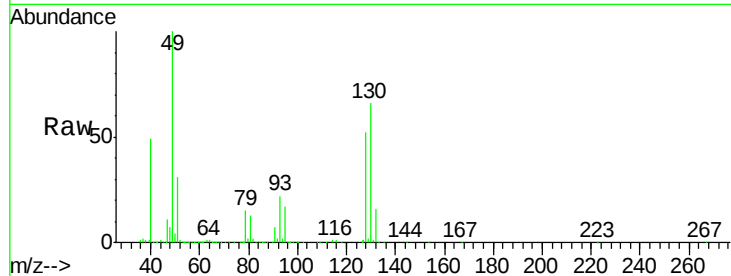
Tot Ion:128 Resp: 52937

Ion Ratio Lower Upper

128 100

49 194.2 0.0 350.8

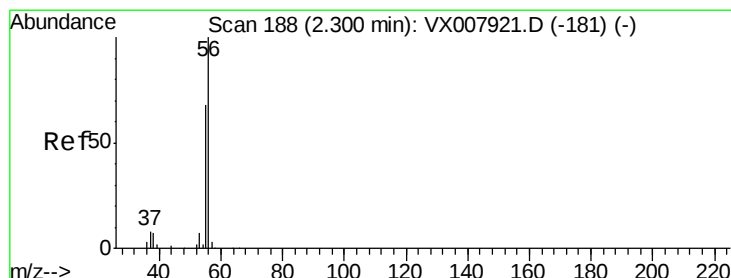
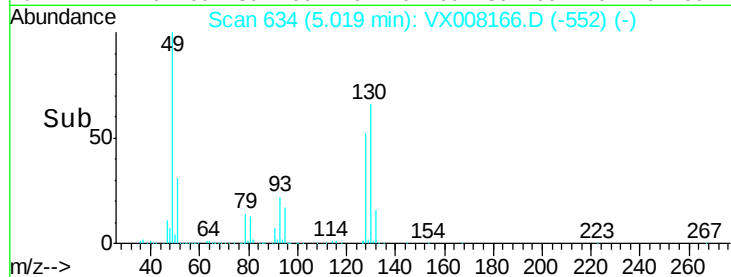
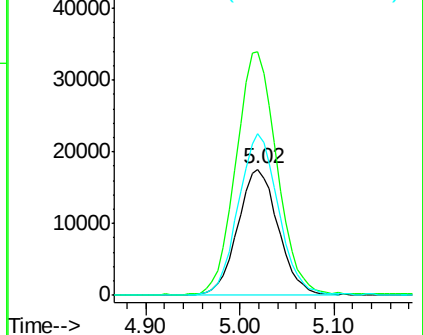
130 127.3 0.0 325.8



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



#13

Acrolein

Concen: 0.498 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX008166.D

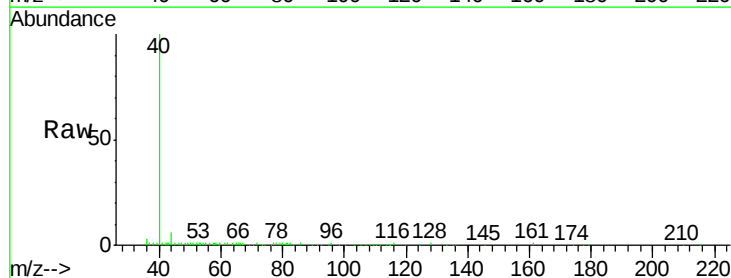
Acq: 18 Mar 2019 14:59

Tgt Ion: 56 Resp: 312

Ion Ratio Lower Upper

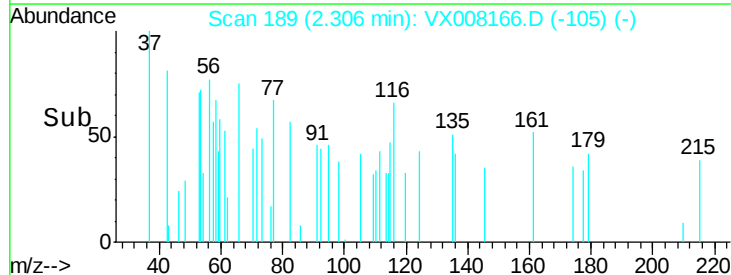
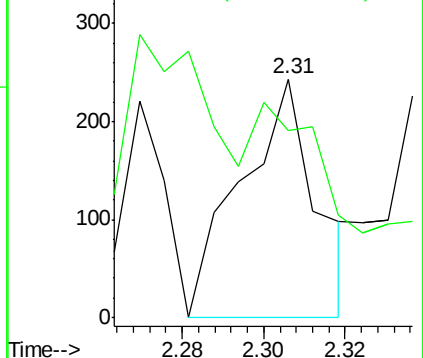
56 100

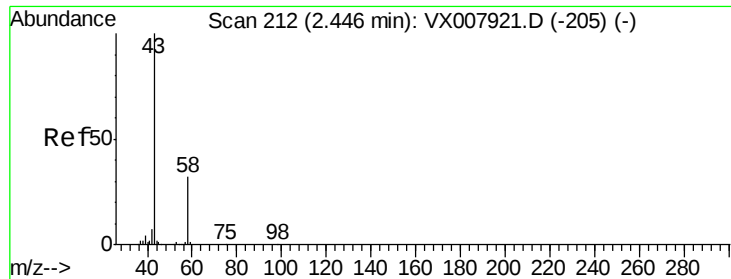
55 72.1 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acetone

Concen: 0.208 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.18 min

Lab File: VX008166.D

Acq: 18 Mar 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

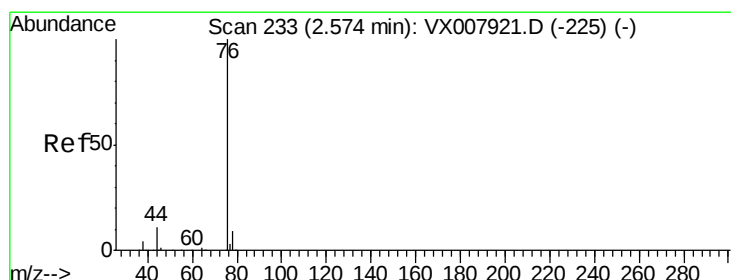
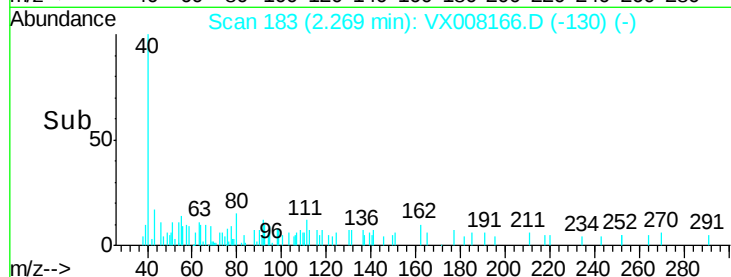
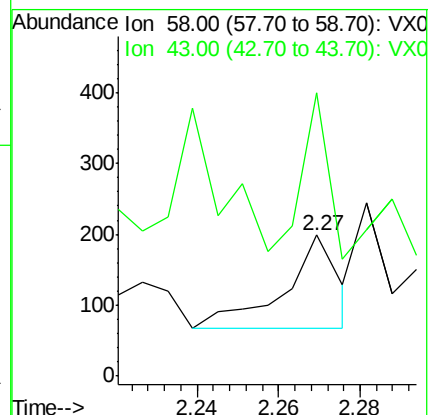
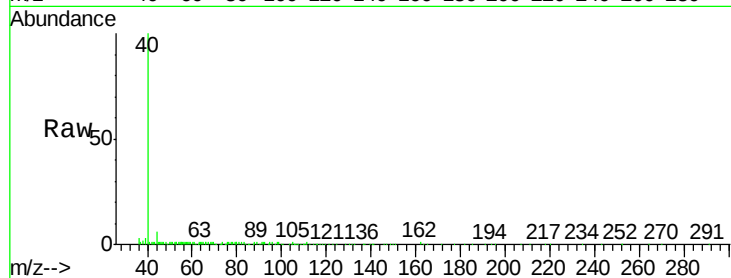
VX0318WBL01

Tot Ion: 58 Resp: 121

Ion Ratio Lower Upper

58 100

43 334.3 249.8 374.6



#16

Carbon Disulfide

Concen: 0.206 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008166.D

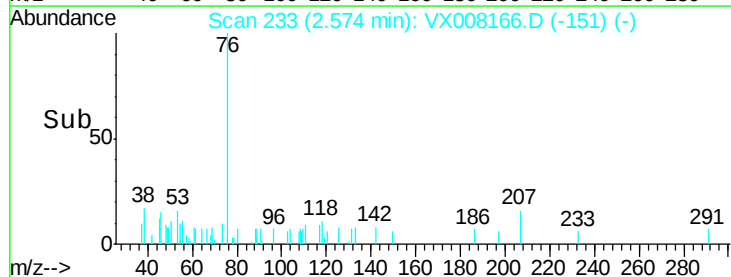
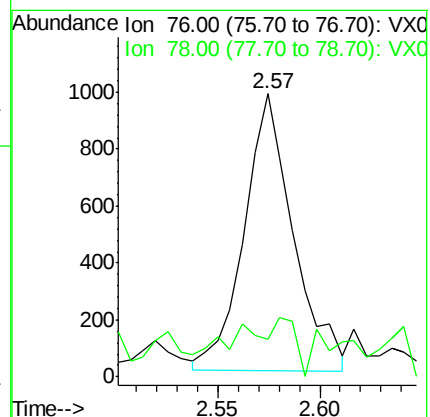
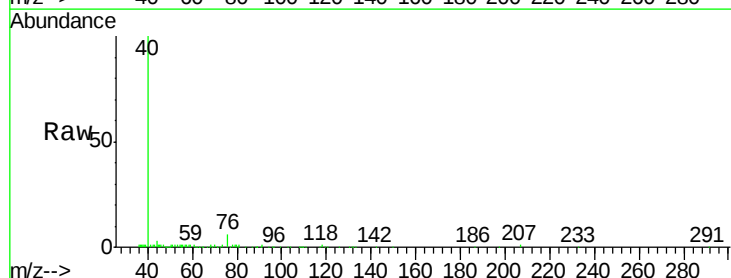
Acq: 18 Mar 2019 14:59

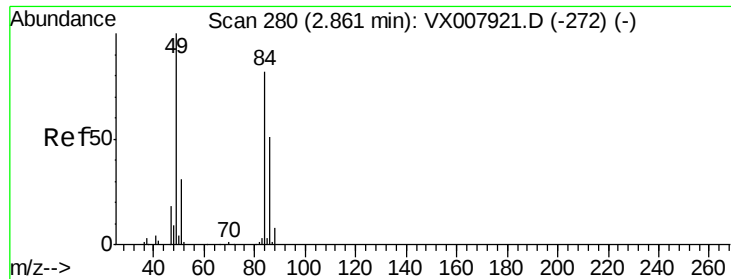
Tgt Ion: 76 Resp: 1633

Ion Ratio Lower Upper

76 100

78 6.0 7.5 11.3#

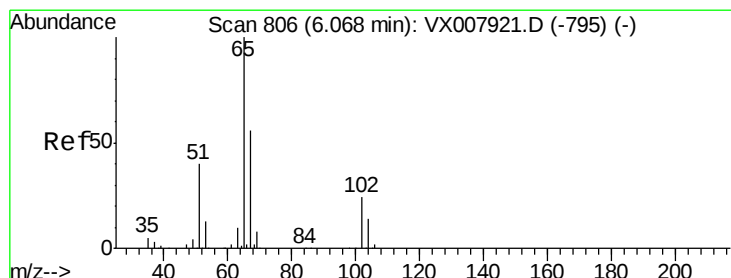
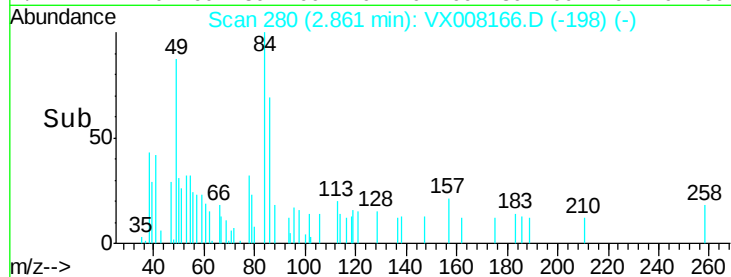
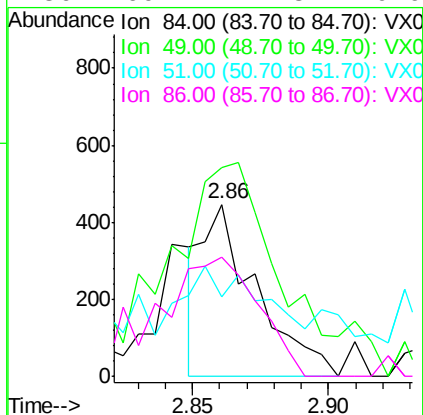
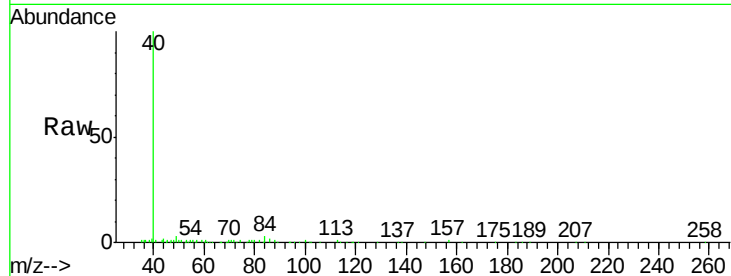




#18
Methvlene Chloride
Concen: 0.210 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

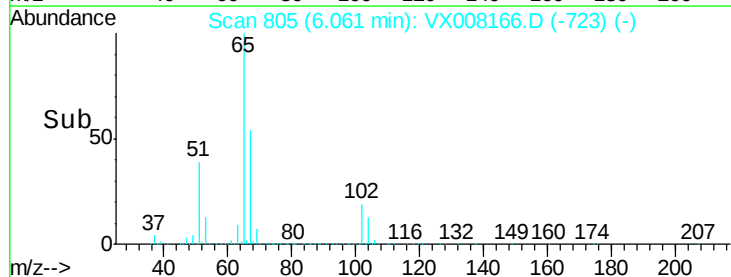
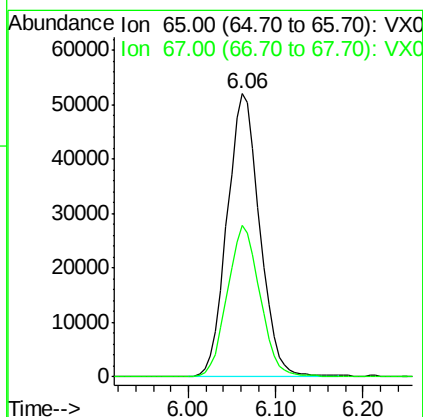
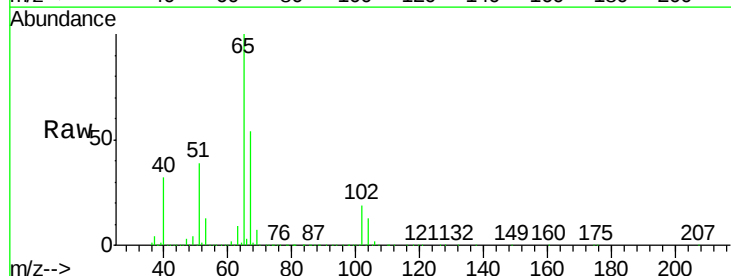
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

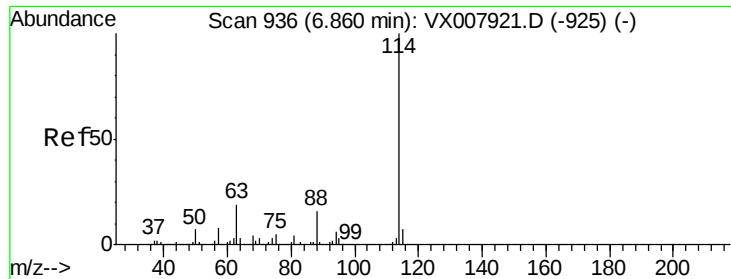
Tot Ion: 84 Resp: 609
Ion Ratio Lower Upper
84 100
49 98.2 96.1 144.1
51 10.3 29.1 43.7#
86 69.4 47.3 70.9



#27
1,2-Dichloroethane-d4
Concen: 30.546 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Tgt Ion: 65 Resp: 134506
Ion Ratio Lower Upper
65 100
67 53.4 42.9 64.3

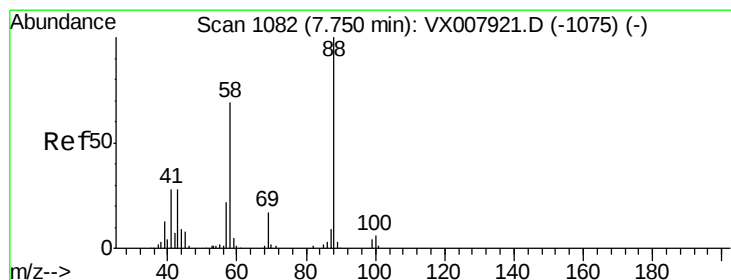
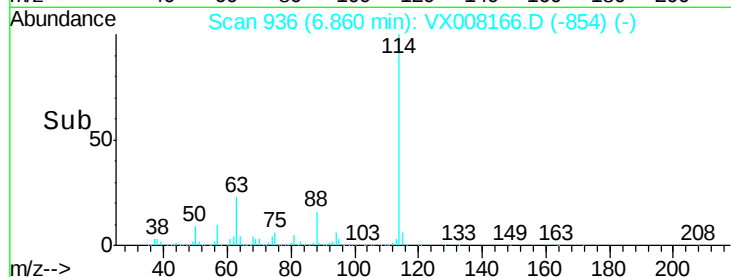
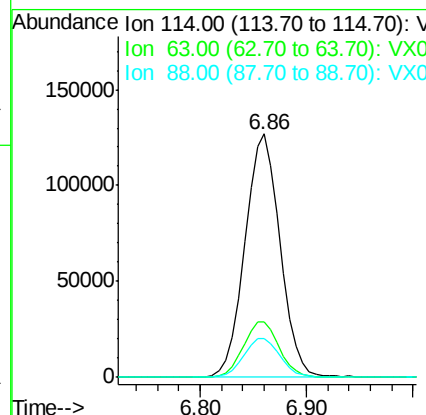
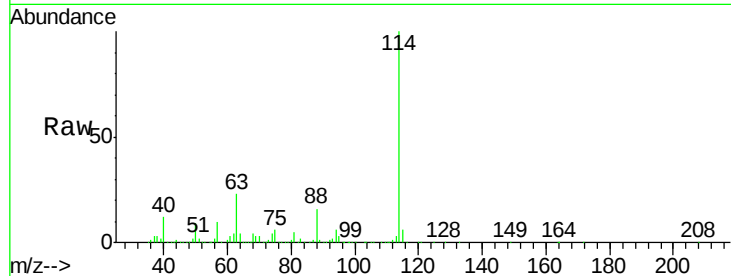




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008166.D
 Acq: 18 Mar 2019 14:59

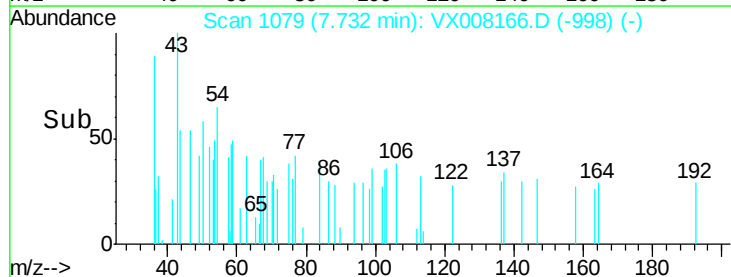
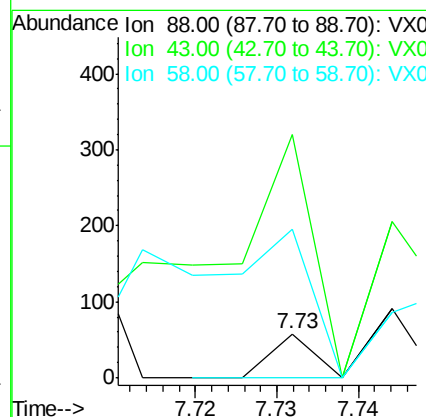
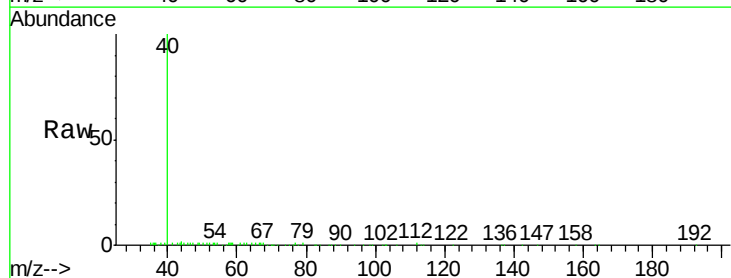
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBL01

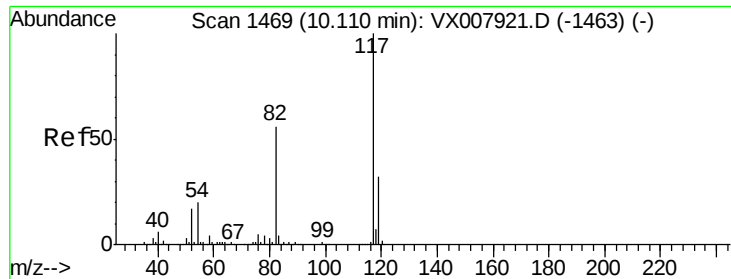
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	14.2	21.4#
88	16.6	11.9	17.9



#45
 1,4-Dioxane
 Concen: 0.298 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX008166.D
 Acq: 18 Mar 2019 14:59

Tgt Ion	Ratio	Lower	Upper
88	100		
43	819.0	23.6	35.4#
58	576.2	51.6	77.4#

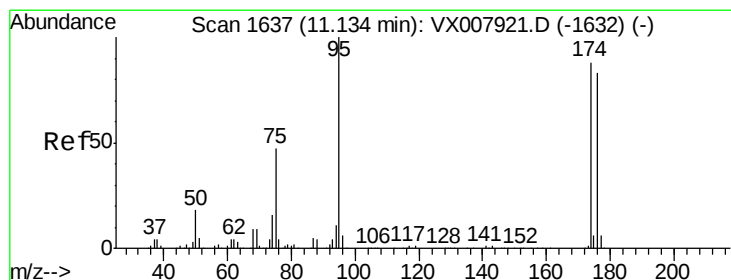
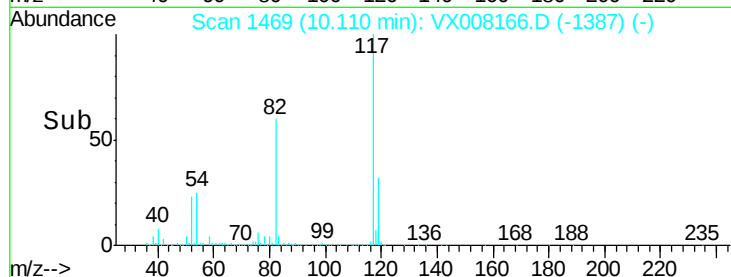
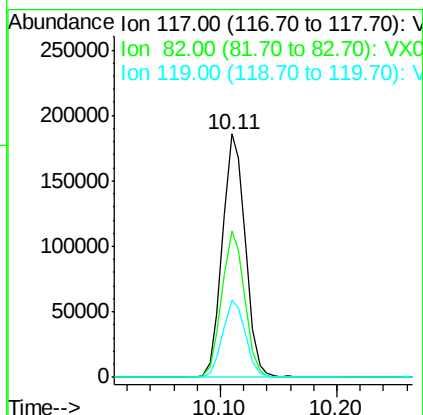
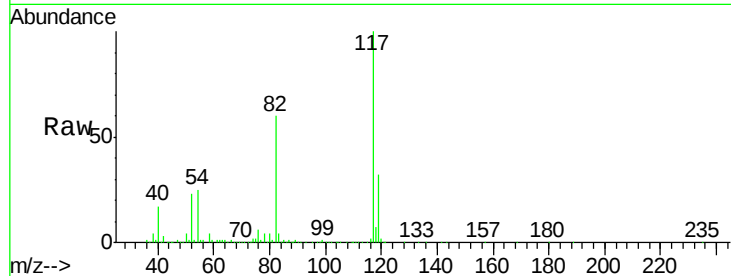




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

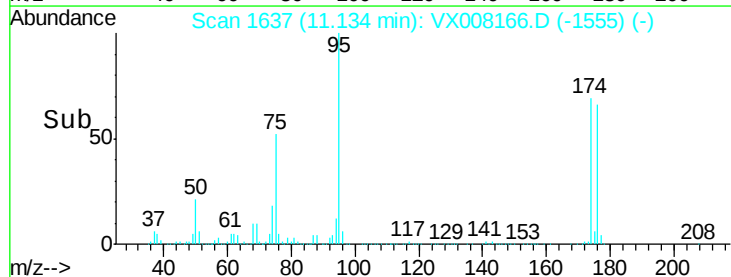
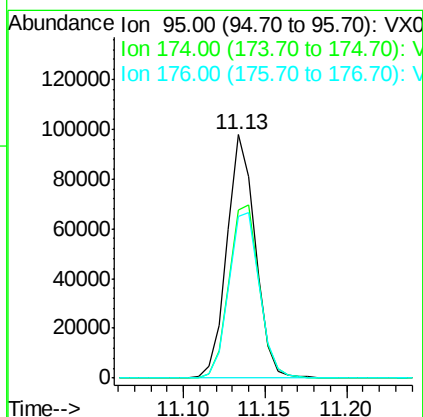
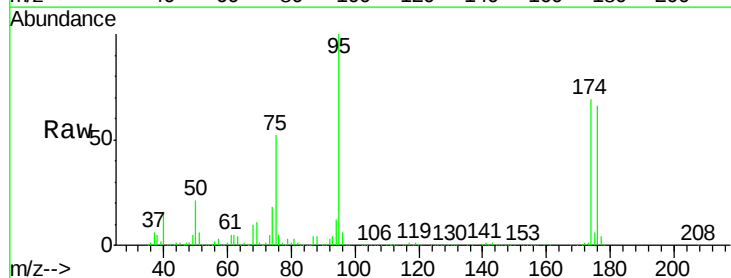
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

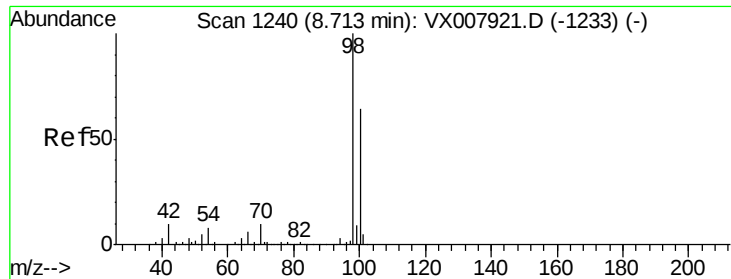
Tot Ion:117 Resp: 251849
Ion Ratio Lower Upper
117 100
82 59.9 40.4 60.6
119 31.6 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 28.171 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Tgt Ion: 95 Resp: 118408
Ion Ratio Lower Upper
95 100
174 75.8 74.9 112.3
176 73.4 70.7 106.1





#63
Toluene-d8
Concen: 29.964 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008166.D
Acq: 18 Mar 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tot Ion: 98 Resp: 366666
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

