

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008174.D
 Acq On : 18 Mar 2019 18:59
 Operator : JC/SP
 Sample : K1909-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 97-98

Quant Time: Mar 19 02:42:50 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	5.03	128	48200	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	263687	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	224609	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	123338	30.76	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	102.53%	
60) 4-Bromofluorobenzene	11.13	95	102328	27.30	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	91.00%	
63) Toluene-d8	8.71	98	325702	29.84	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	99.47%	

Target Compounds

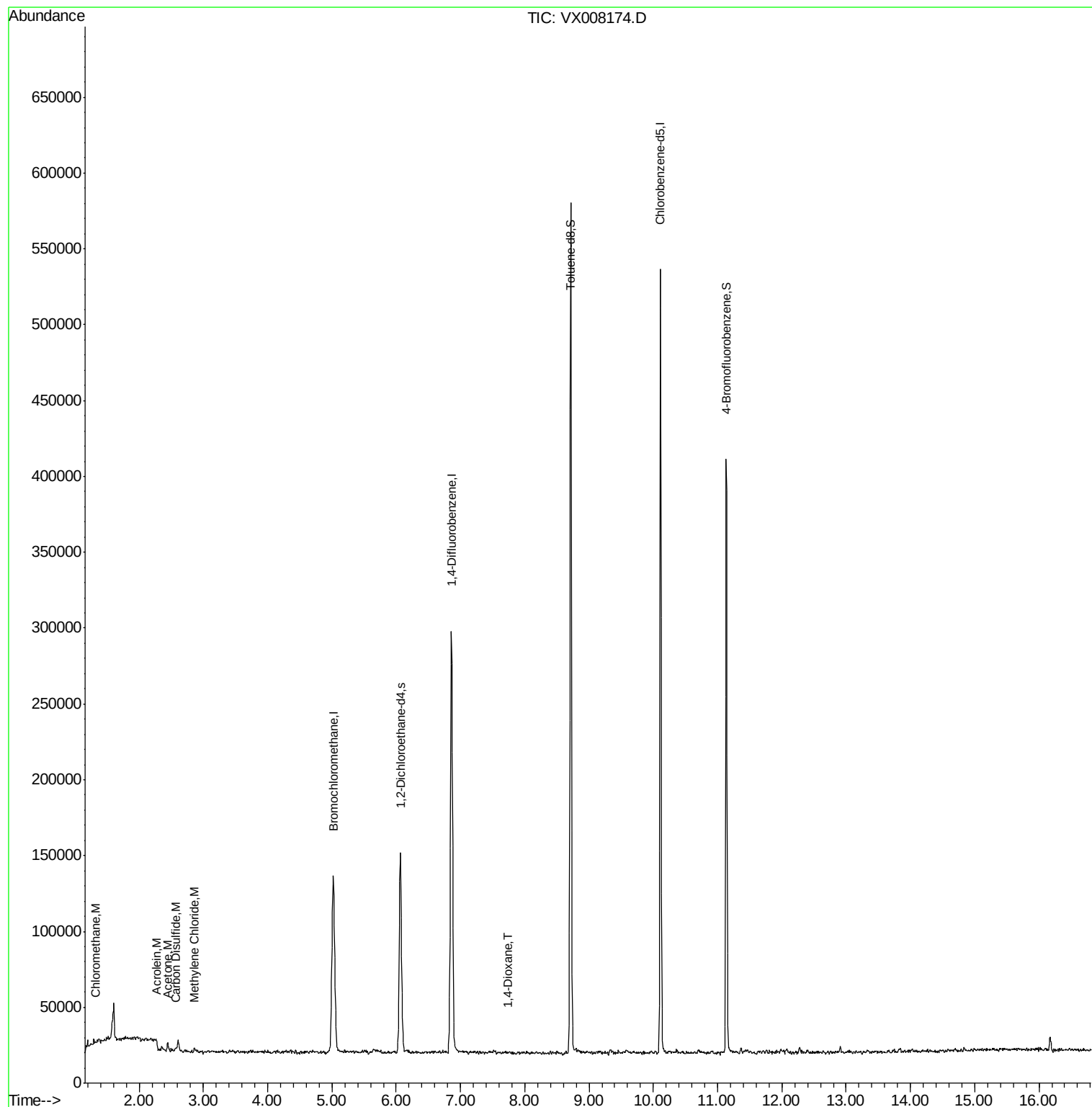
					Ovalue
3) Chloromethane	1.33	50	588	0.216 ug/l	96
13) Acrolein	2.28	56	122	0.214 ug/l	86
15) Acetone	2.45	58	1707	3.230 ug/l #	59
16) Carbon Disulfide	2.57	76	2957	0.410 ug/l #	88
18) Methylene Chloride	2.86	84	1043	0.395 ug/l #	65
45) 1,4-Dioxane	7.74	88	71	1.124 ug/l #	46

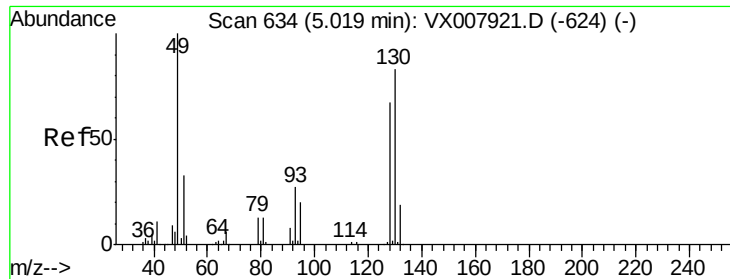
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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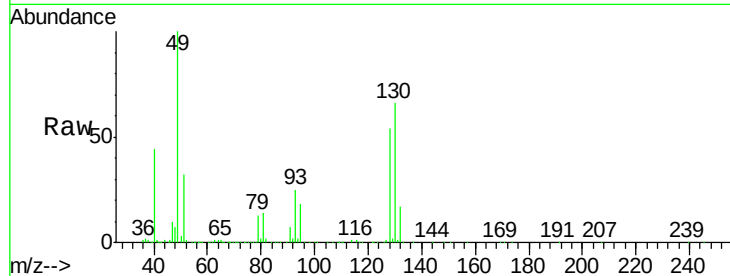


#1

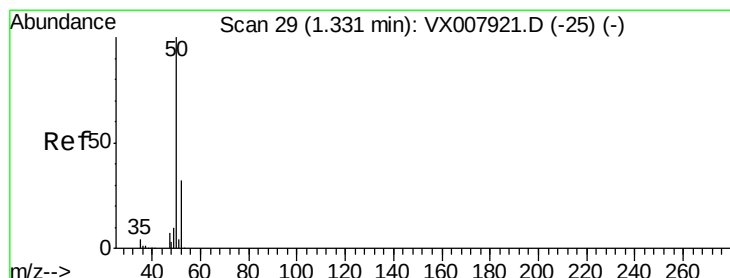
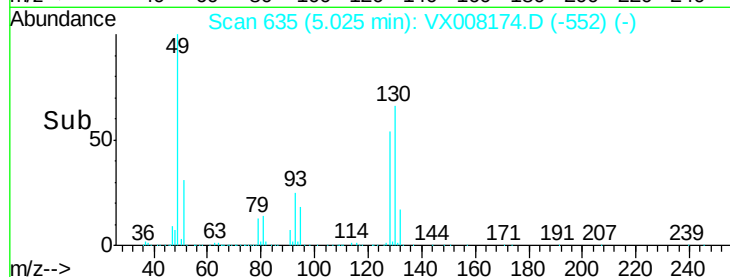
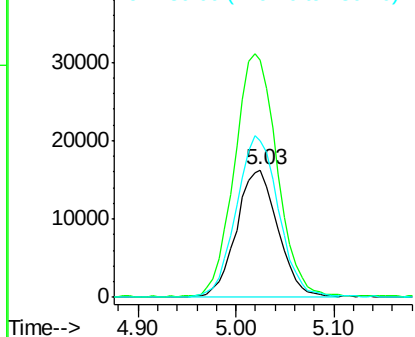
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 97-98

Tot Ion:128 Resp: 48200
 Ion Ratio Lower Upper
 128 100
 49 195.5 0.0 350.8
 130 128.7 0.0 325.8



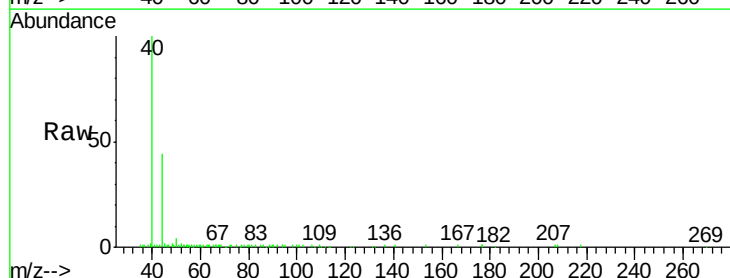
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



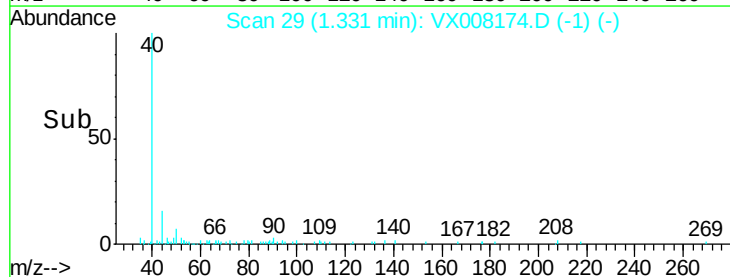
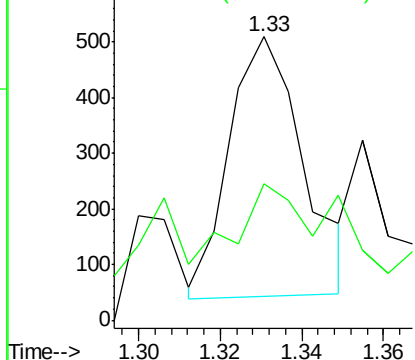
#3

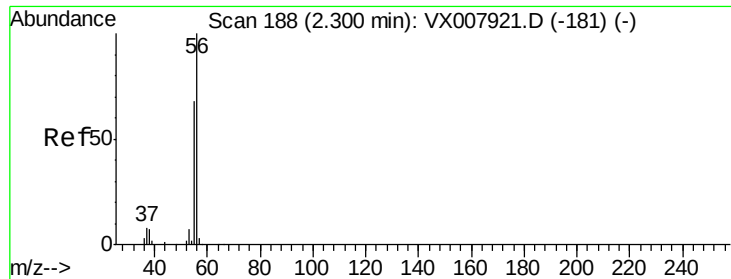
Chloromethane
 Concen: 0.216 ug/l
 RT: 1.33 min Scan# 29
 Delta R.T. -0.00 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

Tgt Ion: 50 Resp: 588
 Ion Ratio Lower Upper
 50 100
 52 32.4 27.5 41.3



Abundance Ion 50.00 (49.70 to 50.70): VX0
 Ion 52.00 (51.70 to 52.70): VX0

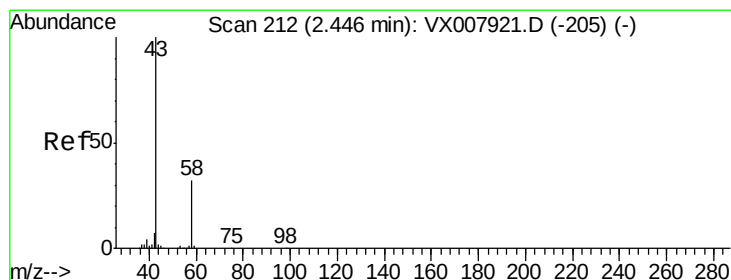
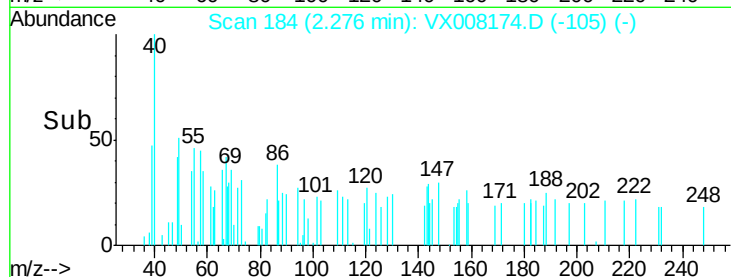
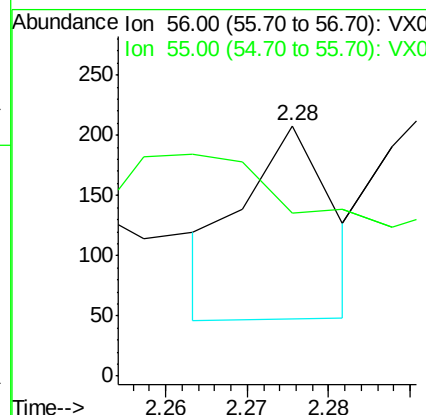
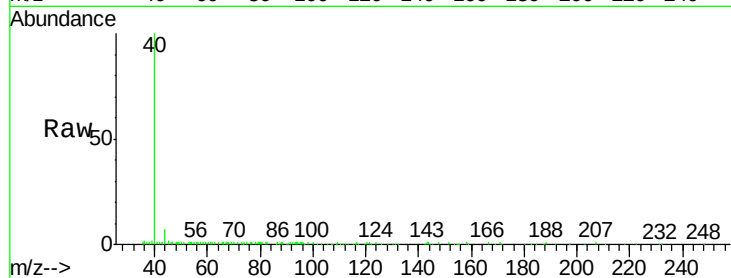




#13
Acrolein
Concen: 0.214 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX008174.D
Acq: 18 Mar 2019 18:59

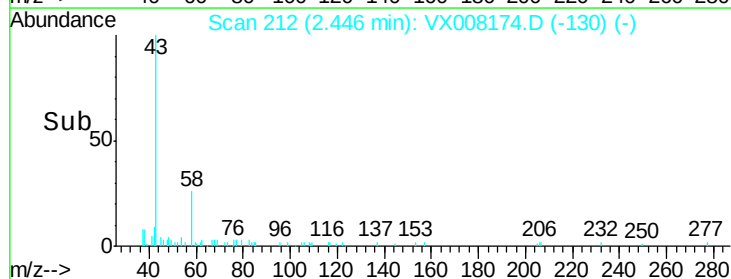
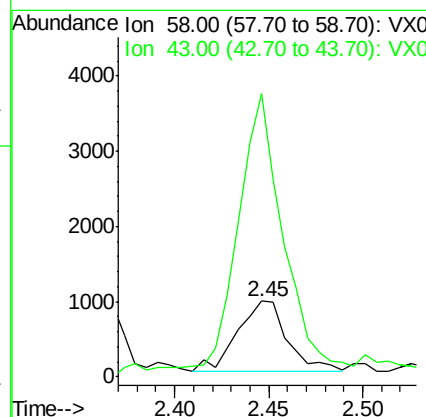
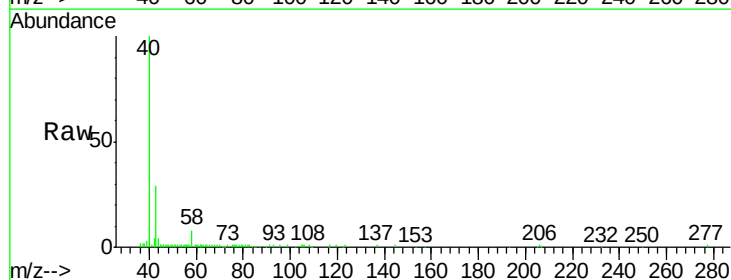
Instrument :
MSVOA_X
ClientSampled :
97-98

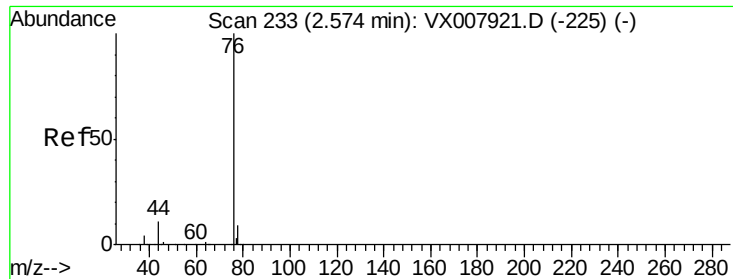
Tot Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 85.2 58.6 87.8



#15
Acetone
Concen: 3.230 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008174.D
Acq: 18 Mar 2019 18:59

Tgt Ion: 58 Resp: 1707
Ion Ratio Lower Upper
58 100
43 393.8 249.8 374.6#





#16

Carbon Disulfide

Concen: 0.410 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008174.D

Acq: 18 Mar 2019 18:59

Instrument :

MSVOA_X

ClientSampleId :

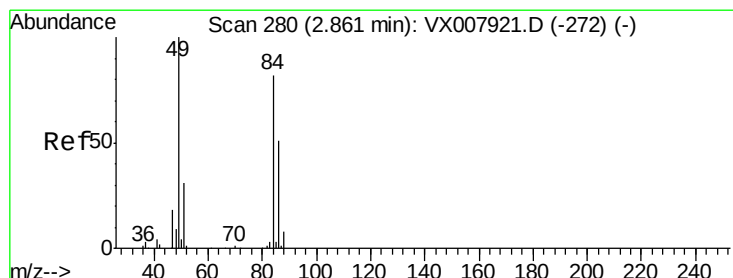
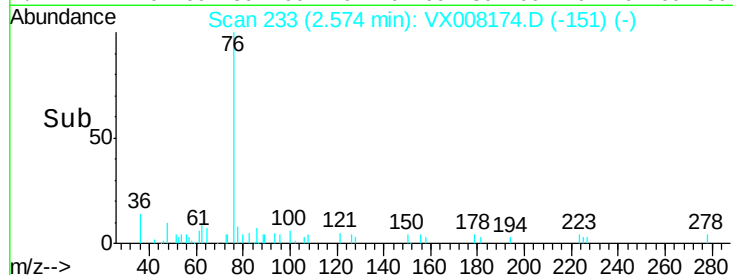
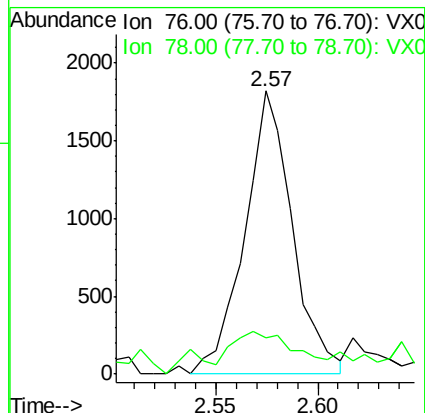
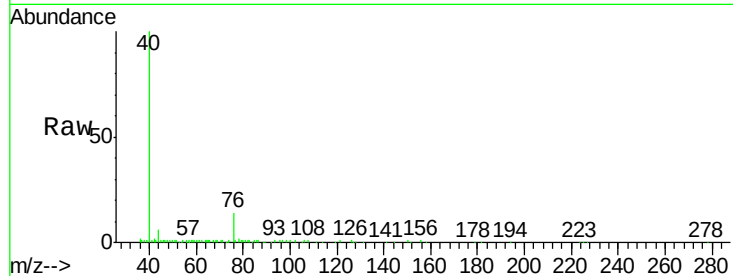
97-98

Tot Ion: 76 Resp: 2957

Ion Ratio Lower Upper

76 100

78 4.9 7.5 11.3#



#18

Methylene Chloride

Concen: 0.395 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008174.D

Acq: 18 Mar 2019 18:59

Tgt Ion: 84 Resp: 1043

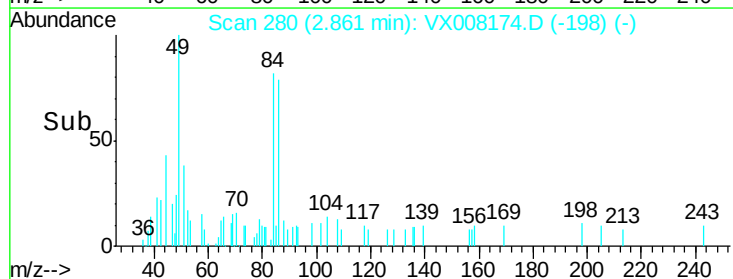
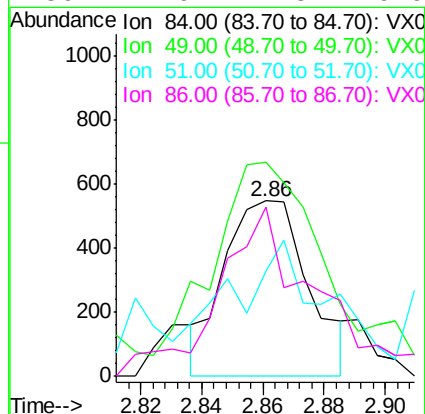
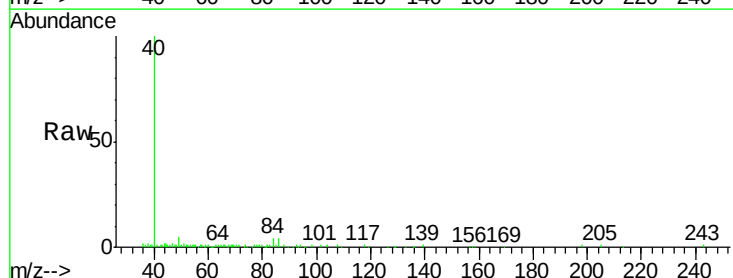
Ion Ratio Lower Upper

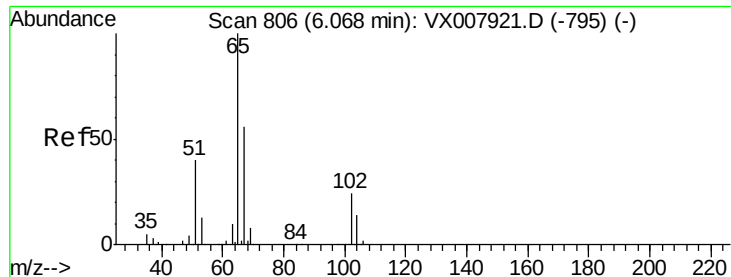
84 100

49 96.4 96.1 144.1

51 42.3 29.1 43.7

86 117.9 47.3 70.9#

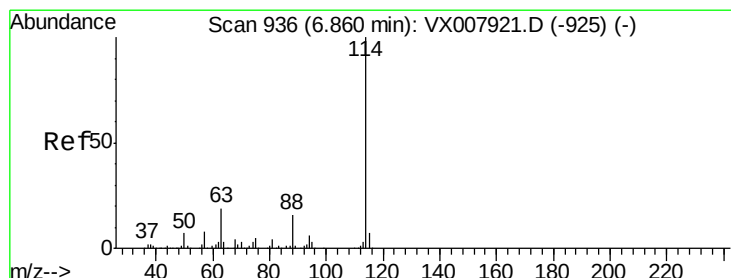
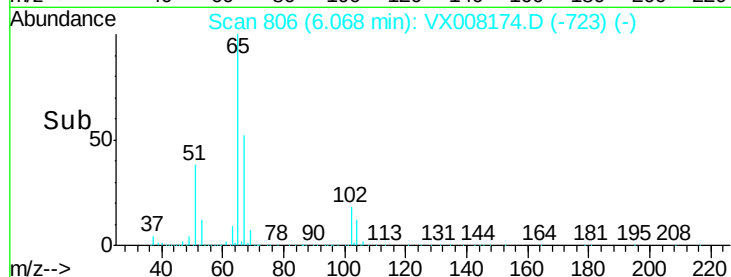
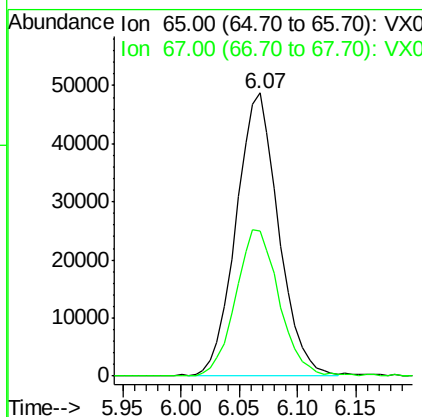
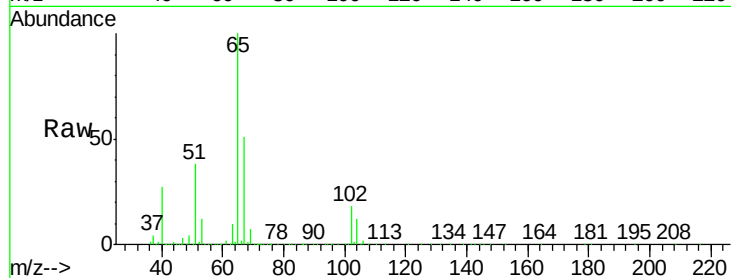




#27
 1,2-Dichloroethane-d4
 Concen: 30.762 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

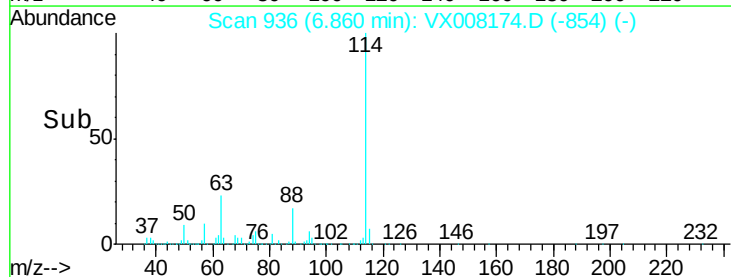
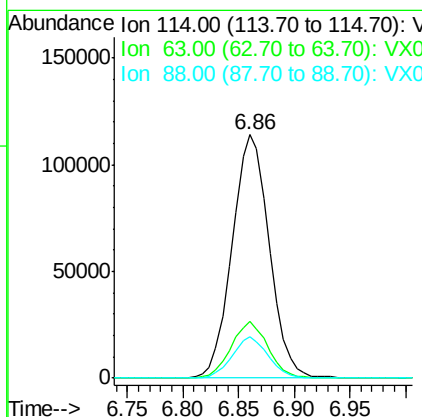
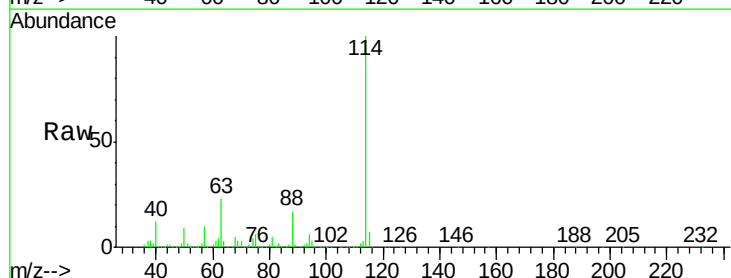
Instrument :
 MSVOA_X
 ClientSampled :
 97-98

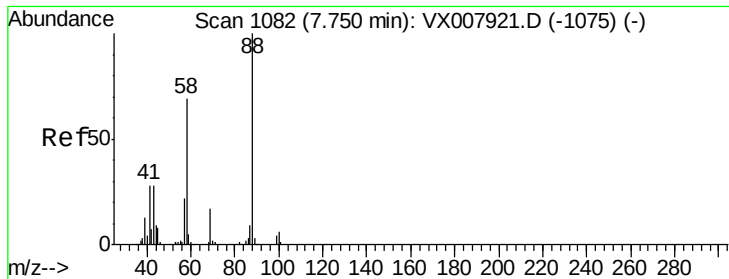
Tot Ion: 65 Resp: 123338
 Ion Ratio Lower Upper
 65 100
 67 53.2 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

Tgt Ion: 114 Resp: 263687
 Ion Ratio Lower Upper
 114 100
 63 22.9 14.2 21.4#
 88 16.6 11.9 17.9

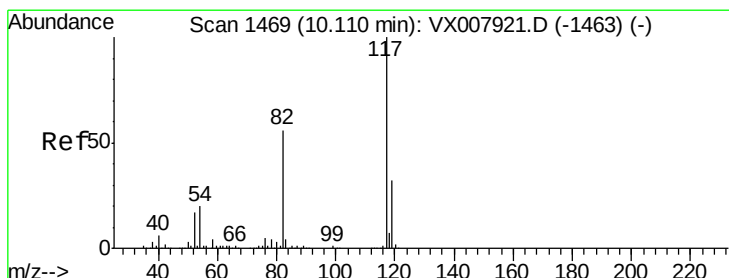
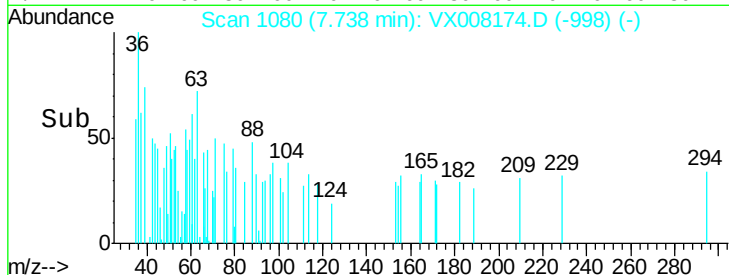
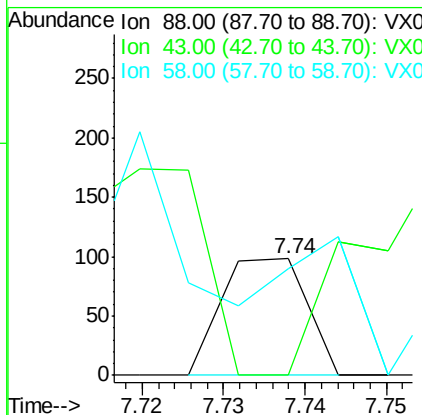
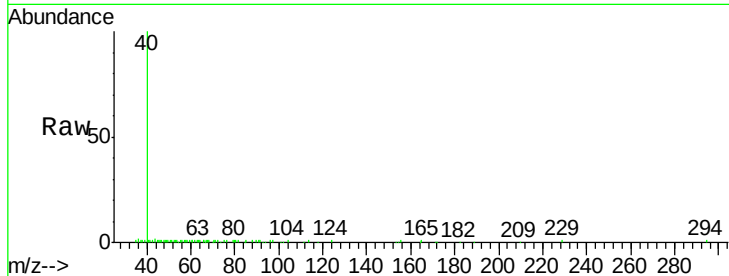




#45
 1,4-Dioxane
 Concen: 1.124 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

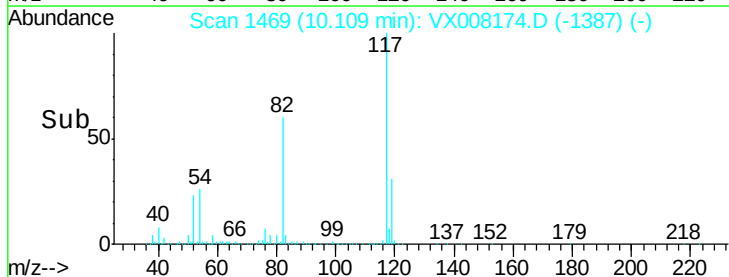
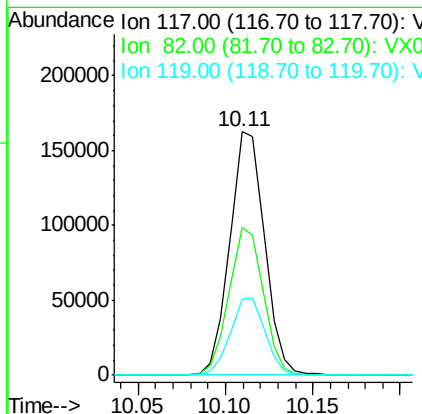
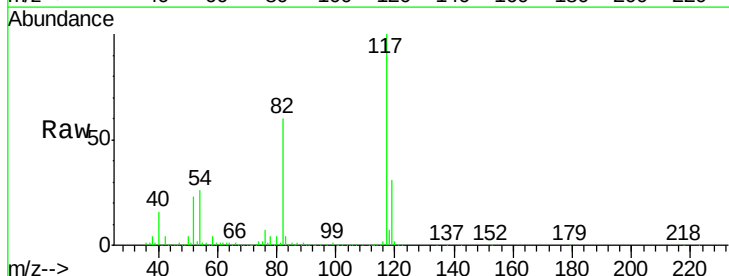
Instrument :
 MSVOA_X
 ClientSampled :
 97-98

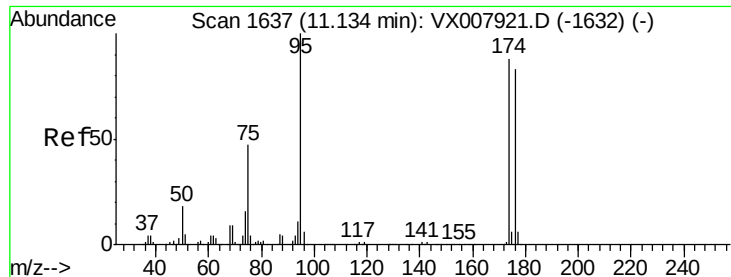
Tot Ion: 88 Resp: 71
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.6 35.4#
 58 107.0 51.6 77.4#



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX008174.D
 Acq: 18 Mar 2019 18:59

Tgt Ion: 117 Resp: 224609
 Ion Ratio Lower Upper
 117 100
 82 60.0 40.4 60.6
 119 31.9 25.8 38.6

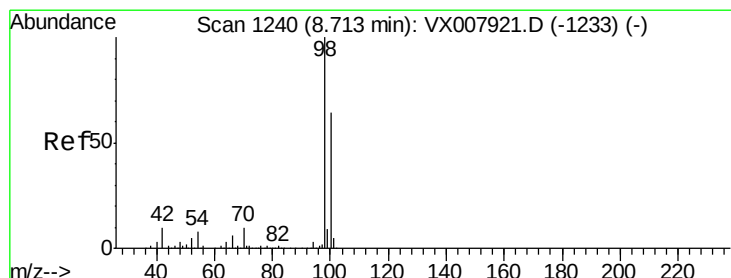
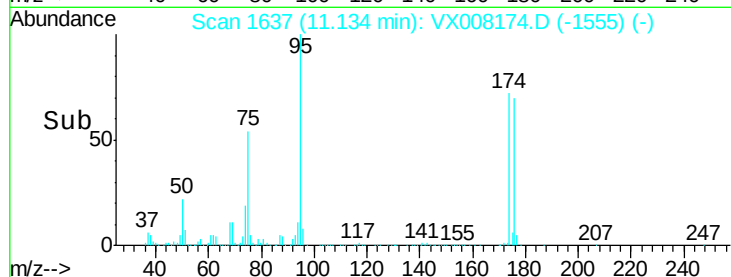
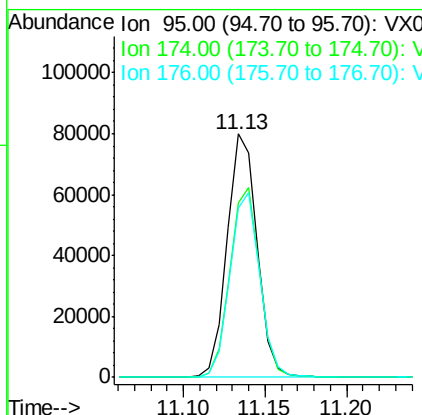
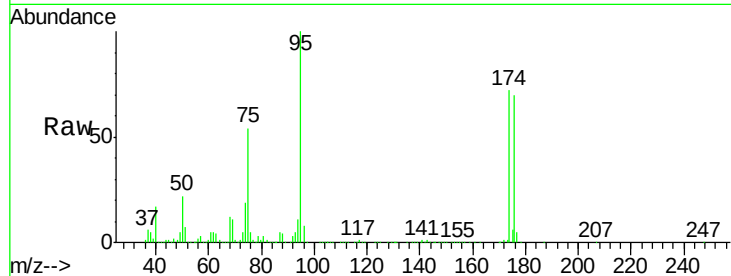




#60
4-Bromofluorobenzene
Concen: 27.298 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008174.D
Acq: 18 Mar 2019 18:59

Instrument :
MSVOA_X
ClientSampled :
97-98

Tot Ion: 95 Resp: 102328
Ion Ratio Lower Upper
95 100
174 77.6 74.9 112.3
176 75.5 70.7 106.1



#63
Toluene-d8
Concen: 29.845 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008174.D
Acq: 18 Mar 2019 18:59

Tgt Ion: 98 Resp: 325702
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

