

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\
 Data File : VX008484.D
 Acq On : 27 Mar 2019 15:52
 Operator : JC/SP
 Sample : K2099-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C05-SETTLED-1H-A

Quant Time: Mar 28 09:58:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35971	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	208025	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	179313	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	91522	30.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.37%
60) 4-Bromofluorobenzene	11.13	95	89295	28.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.27%
63) Toluene-d8	8.71	98	262078	30.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.63%

Target Compounds

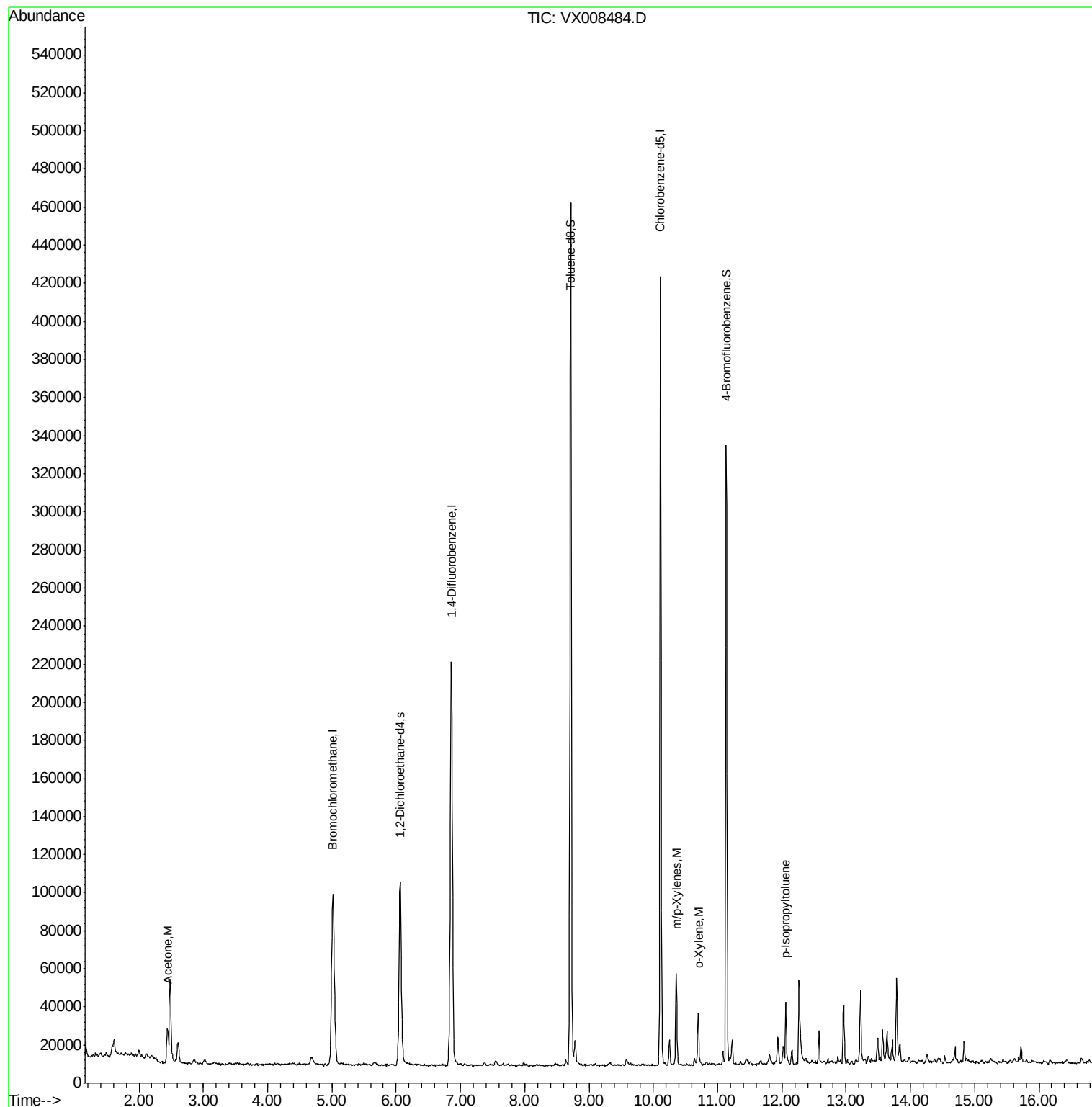
					Ovalue
15) Acetone	2.44	58	6134	11.654	ug/l 100
67) m/p-Xylenes	10.36	106	11301	2.571	ug/l 87
68) o-Xylene	10.70	106	5217	1.213	ug/l 88
82) p-Isopropyltoluene	12.06	119	13045	1.316	ug/l 95

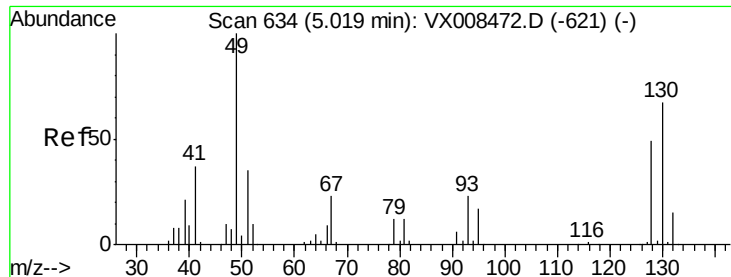
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008484.D

Acq: 27 Mar 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

MH-C05-SETTLED-1H-A

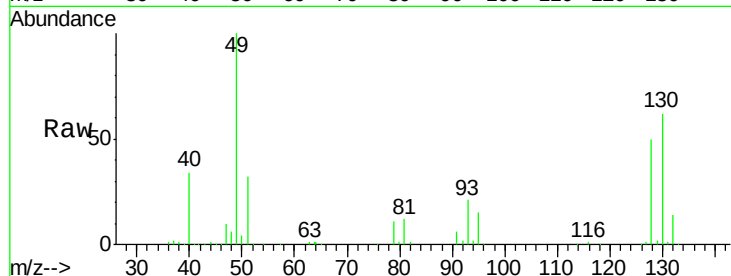
Tot Ion:128 Resp: 35971

Ion Ratio Lower Upper

128 100

49 204.0 0.0 350.8

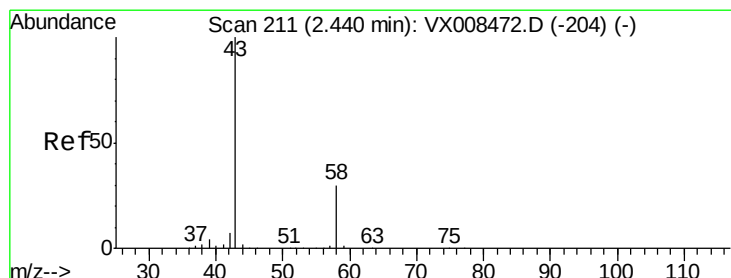
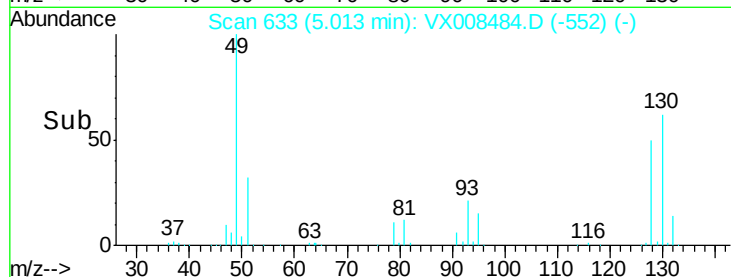
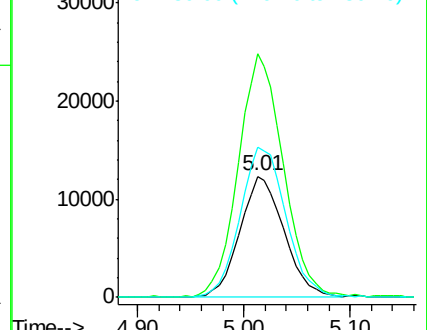
130 128.6 0.0 325.8



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: 11.654 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008484.D

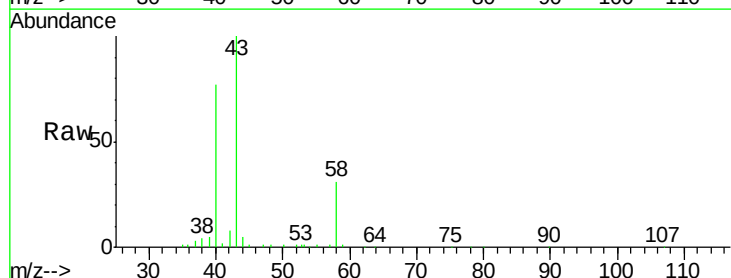
Acq: 27 Mar 2019 15:52

Tgt Ion: 58 Resp: 6134

Ion Ratio Lower Upper

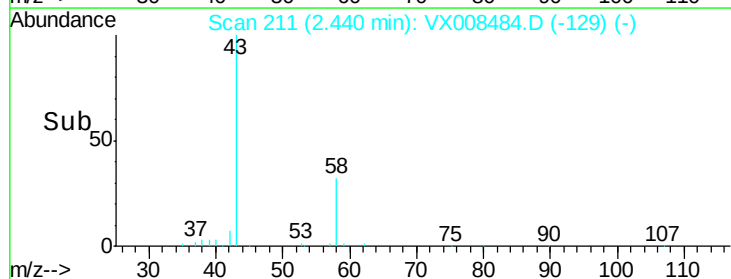
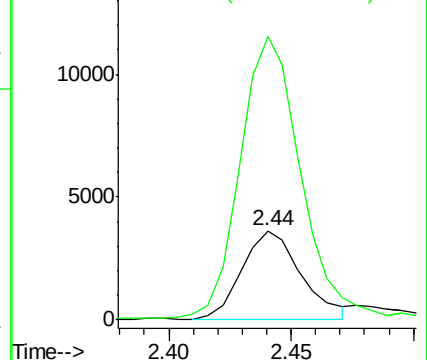
58 100

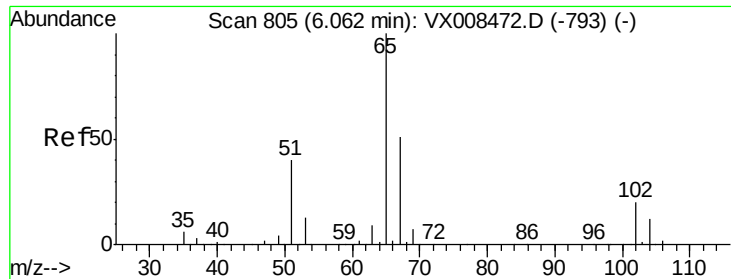
43 312.1 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

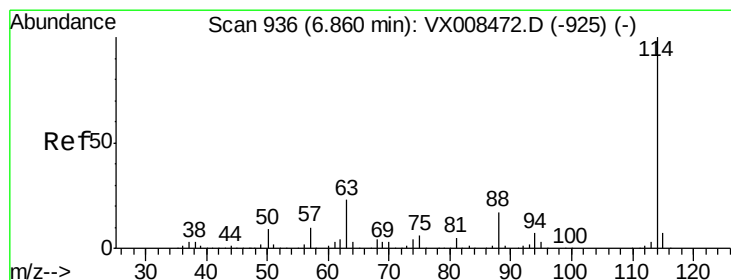
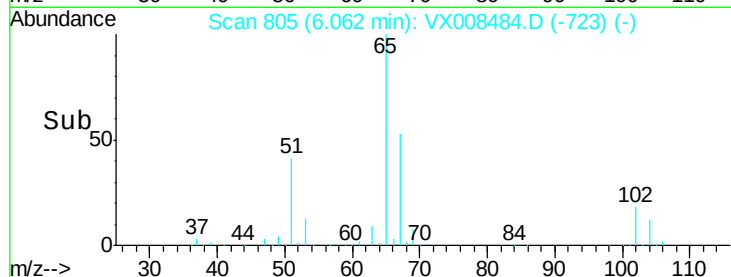
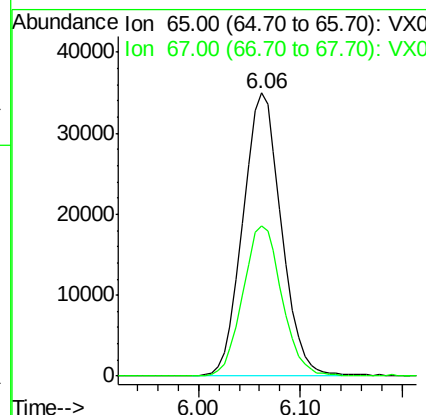
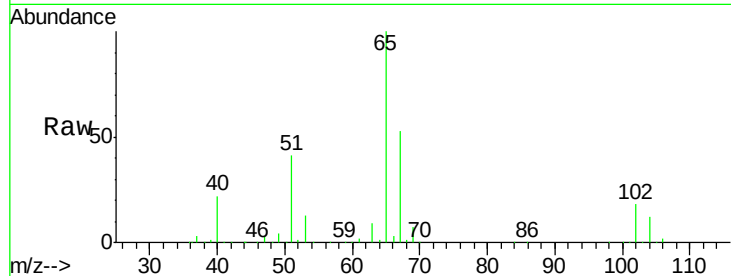




#27
 1,2-Dichloroethane-d4
 Concen: 30.415 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008484.D
 Acq: 27 Mar 2019 15:52

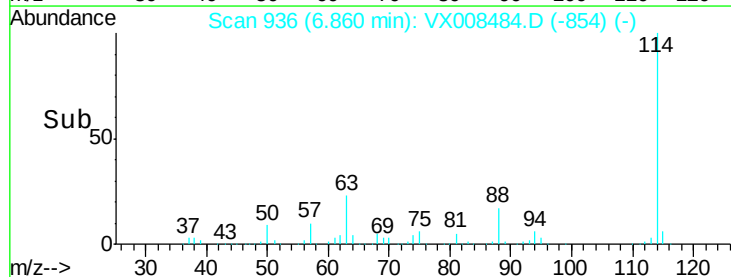
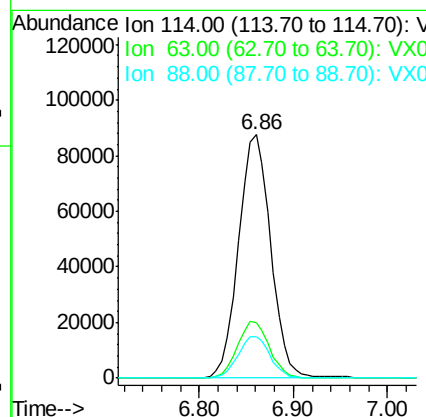
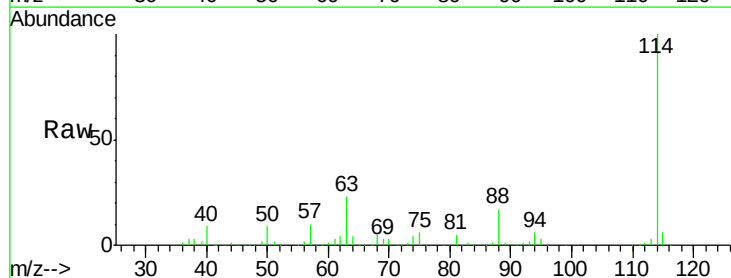
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-C05-SETTLED-1H-A

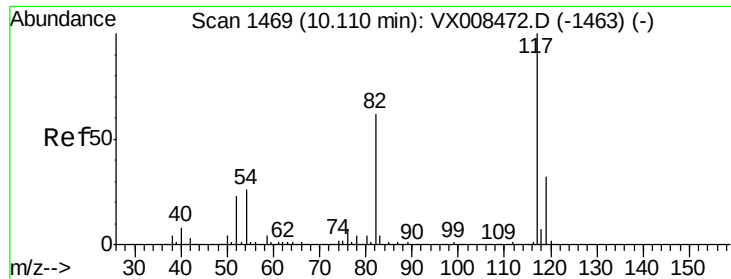
Tot Ion: 65 Resp: 91522
 Ion Ratio Lower Upper
 65 100
 67 54.0 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008484.D
 Acq: 27 Mar 2019 15:52

Tgt Ion: 114 Resp: 208025
 Ion Ratio Lower Upper
 114 100
 63 23.2 14.2 21.4#
 88 17.1 11.9 17.9

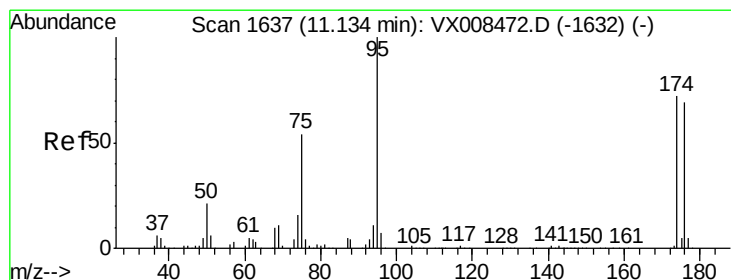
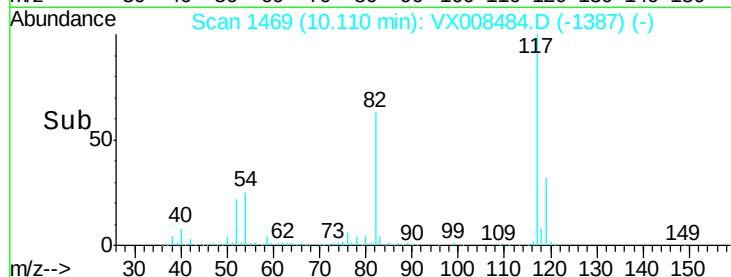
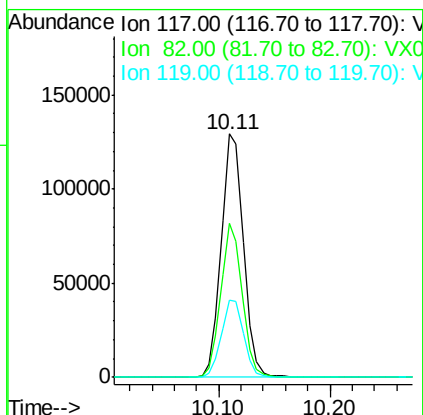
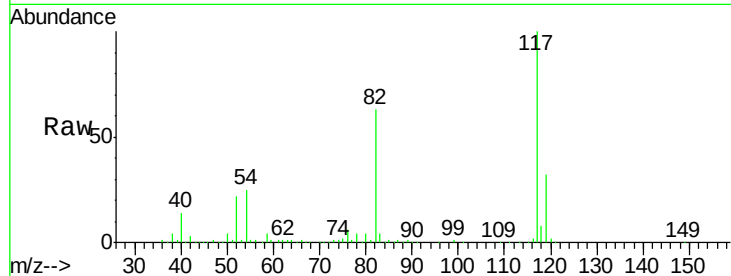




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008484.D
Acq: 27 Mar 2019 15:52

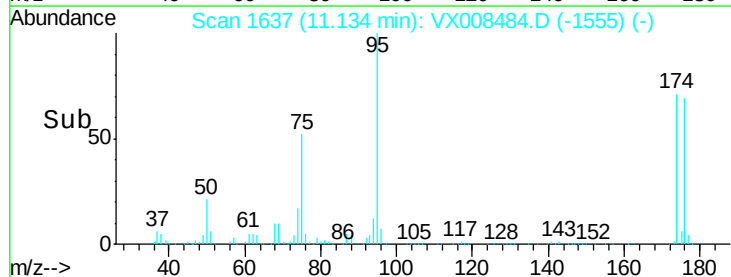
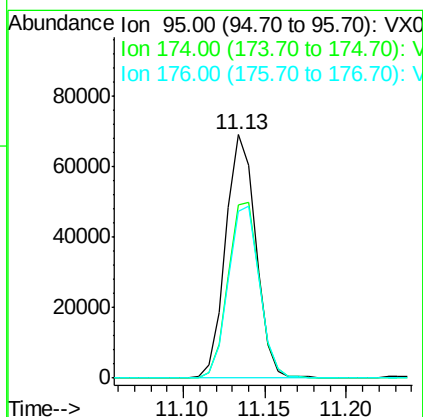
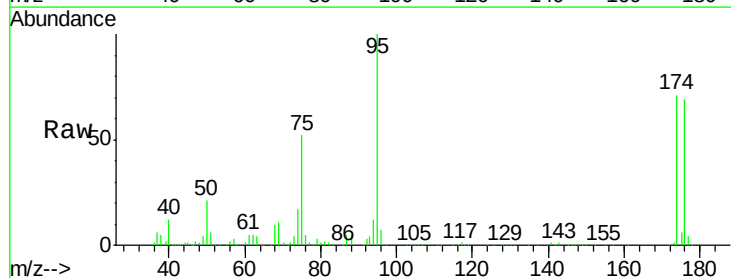
Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-A

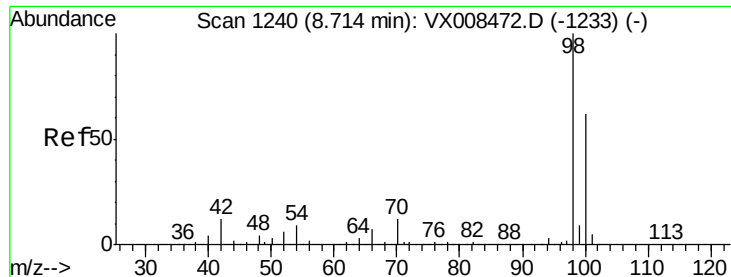
Tot Ion:117 Resp: 179313
Ion Ratio Lower Upper
117 100
82 61.0 40.4 60.6#
119 32.1 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 28.581 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008484.D
Acq: 27 Mar 2019 15:52

Tgt Ion: 95 Resp: 89295
Ion Ratio Lower Upper
95 100
174 74.2 74.9 112.3#
176 72.7 70.7 106.1

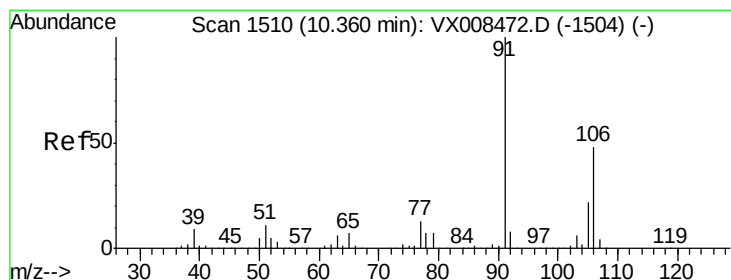
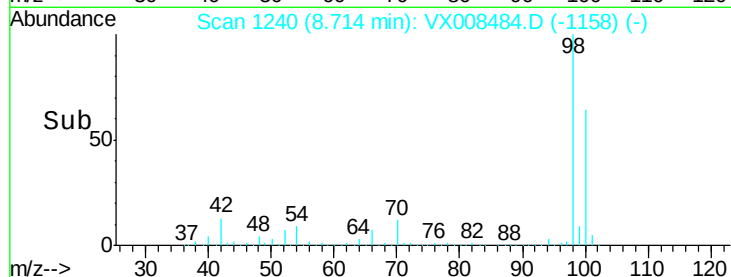
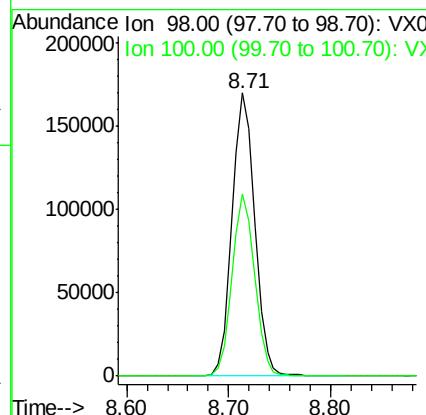
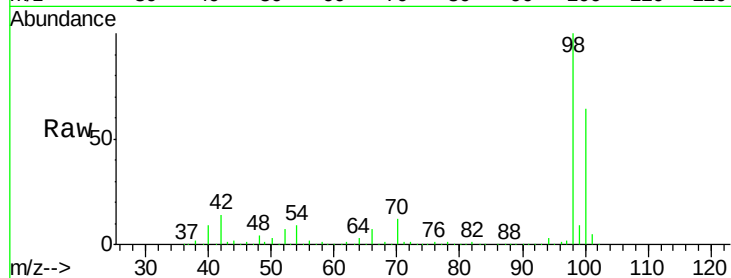




#63
Toluene-d8
Concen: 30.791 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008484.D
Acq: 27 Mar 2019 15:52

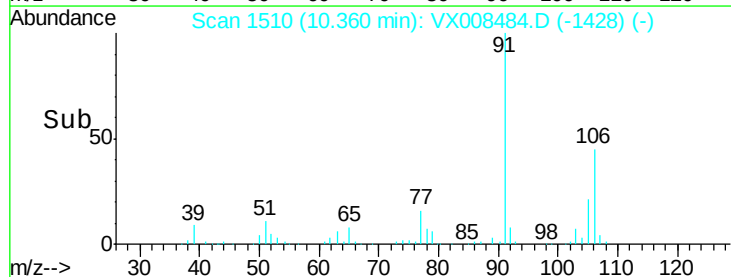
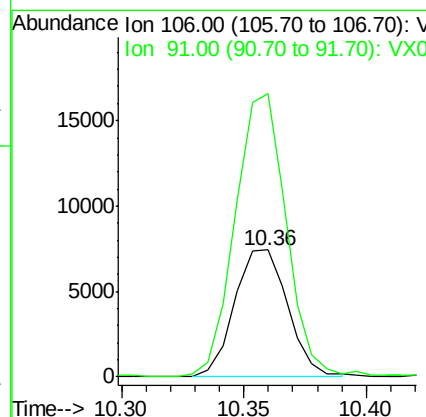
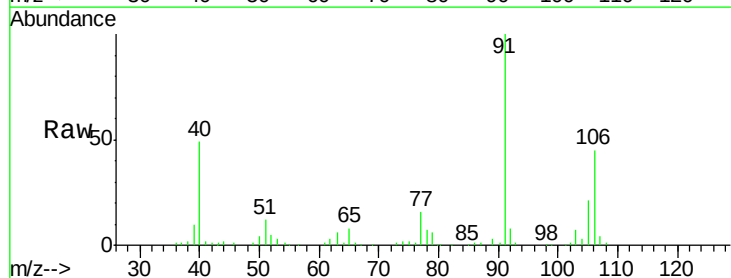
Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-A

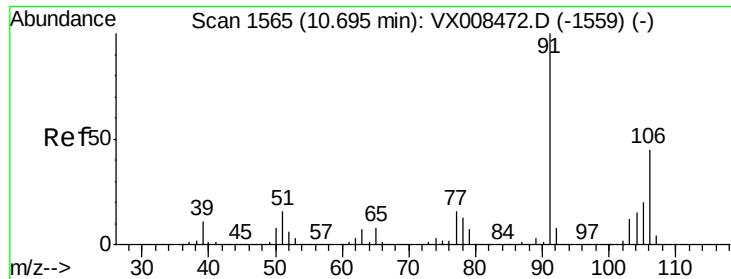
Tot Ion: 98 Resp: 262078
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#67
m/p-Xylenes
Concen: 2.571 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008484.D
Acq: 27 Mar 2019 15:52

Tgt Ion: 106 Resp: 11301
Ion Ratio Lower Upper
106 100
91 215.2 157.0 235.4

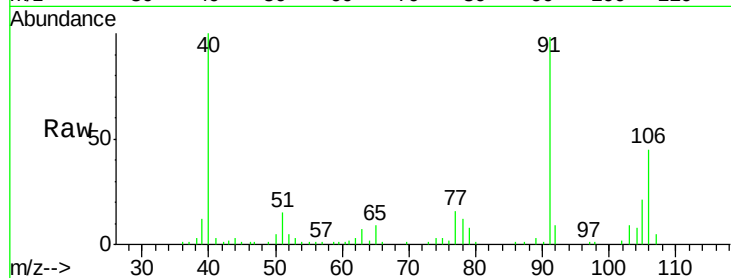




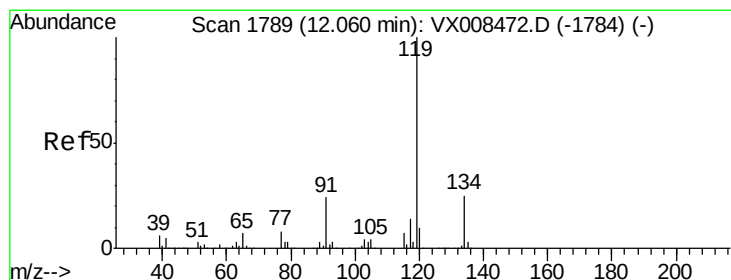
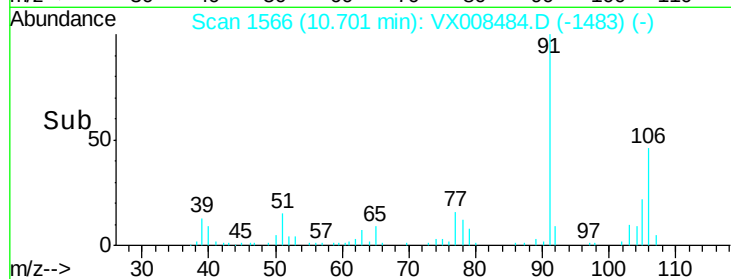
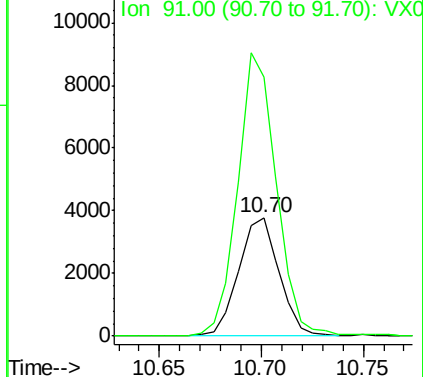
#68
o-Xylene
Concen: 1.213 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008484.D
Acq: 27 Mar 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
MH-C05-SETTLED-1H-A

Tot Ion:106 Resp: 5217
Ion Ratio Lower Upper
106 100
91 227.9 104.4 313.2

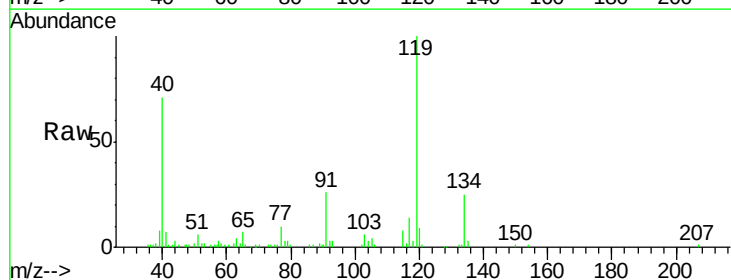


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



#82
p-Isopropyltoluene
Concen: 1.316 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008484.D
Acq: 27 Mar 2019 15:52

Tgt Ion:119 Resp: 13045
Ion Ratio Lower Upper
119 100
134 25.4 0.0 55.4
91 25.8 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

