

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009266.D
 Acq On : 02 May 2019 10:31
 Operator : JC/SP
 Sample : VX0502WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBL01

Quant Time: May 03 07:06:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30677	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	177935	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	152518	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	75458	29.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.83%
60) 4-Bromofluorobenzene	11.13	95	71964	27.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.57%
63) Toluene-d8	8.71	98	219492	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

Target Compounds

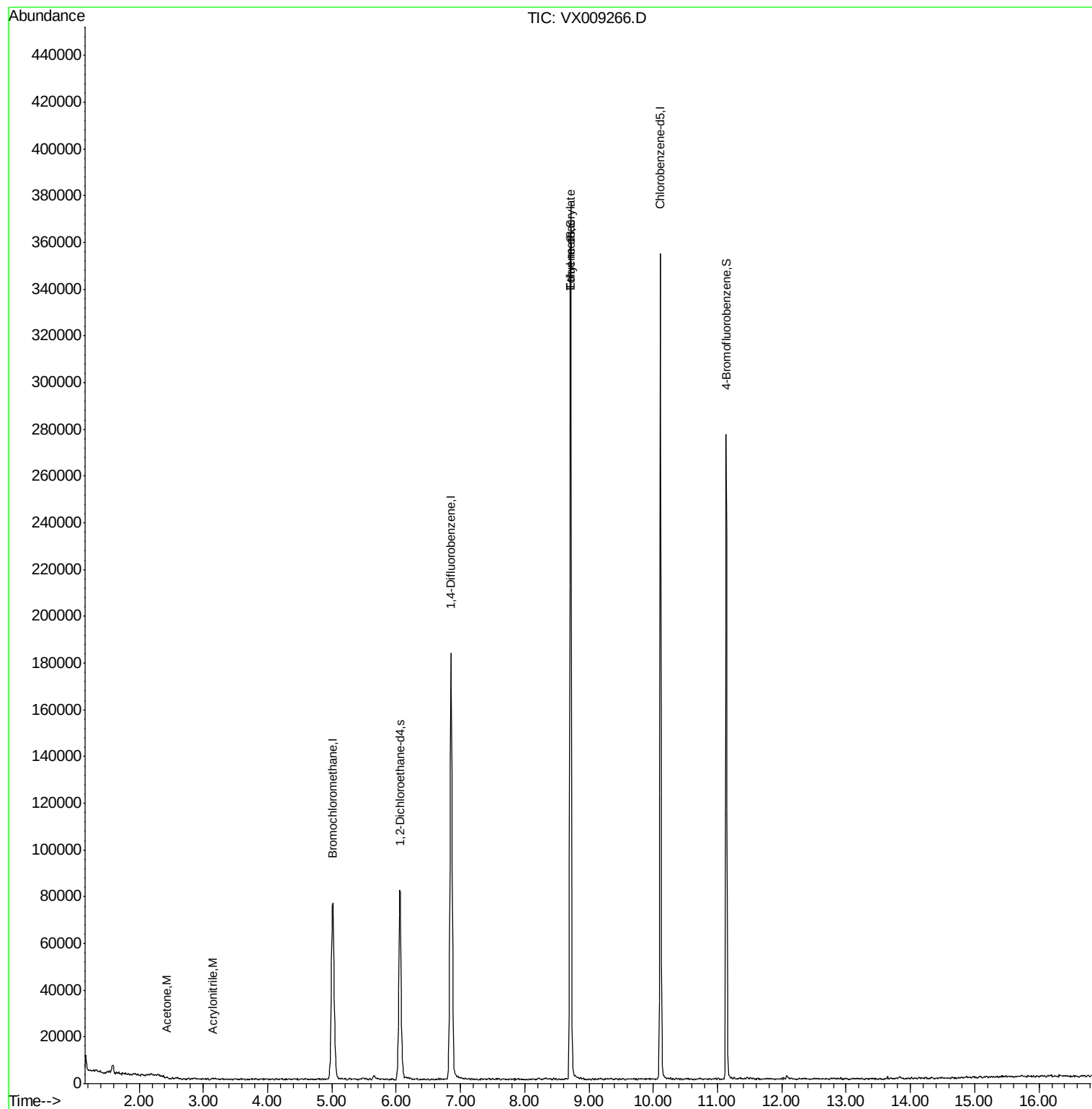
					Ovalue	
14) Acrylonitrile	3.14	53	315	0.230	ug/l #	46
15) Acetone	2.43	58	129	0.328	ug/l #	1
51) Ethyl methacrylate	8.71	69	870	0.236	ug/l	87

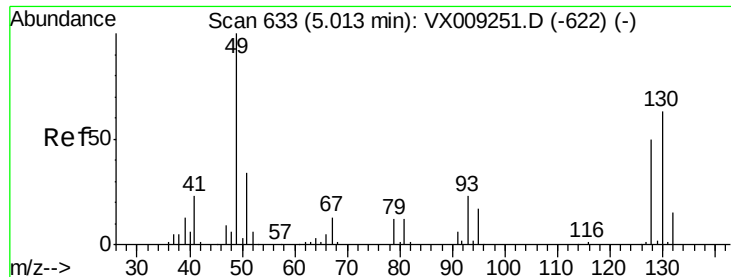
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 03 07:06:42 2019
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QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009266.D

Acq: 02 May 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBL01

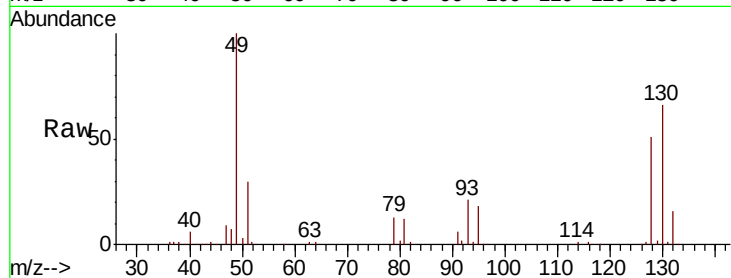
Tot Ion:128 Resp: 30677

Ion Ratio Lower Upper

128 100

49 202.9 0.0 515.0

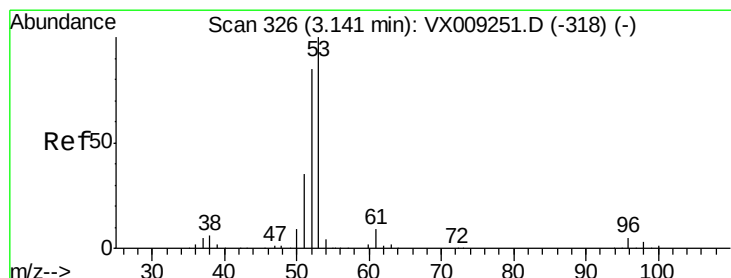
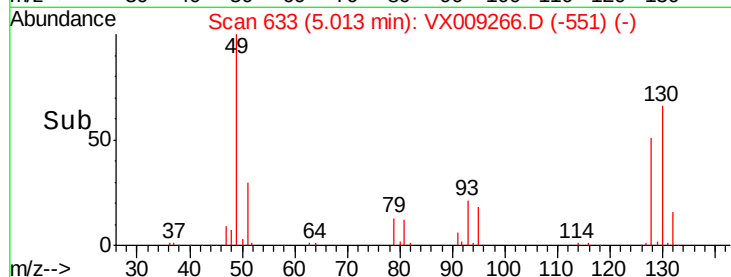
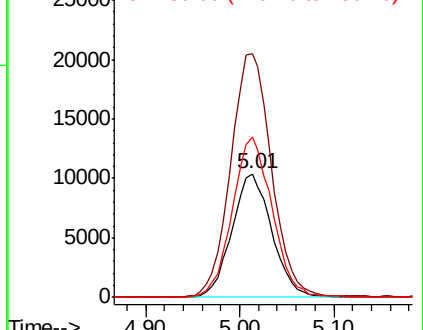
130 129.6 0.0 323.3



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



#14

Acrylonitrile

Concen: 0.230 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009266.D

Acq: 02 May 2019 10:31

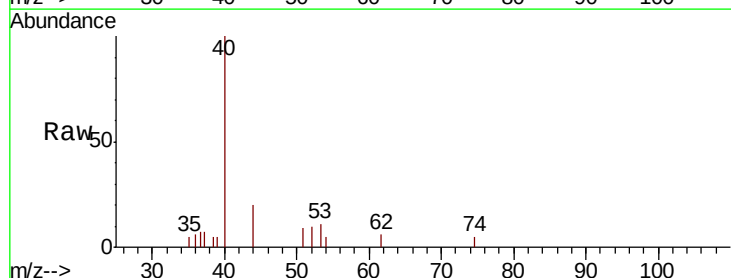
Tgt Ion: 53 Resp: 315

Ion Ratio Lower Upper

53 100

52 20.3 41.5 124.5#

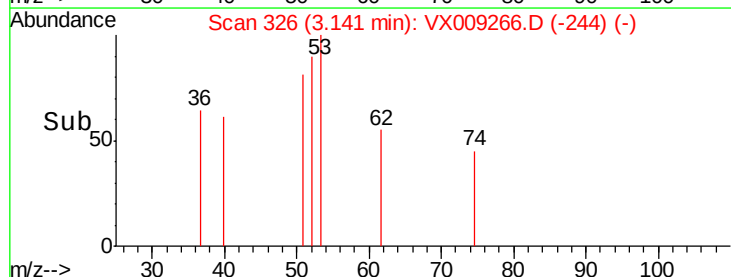
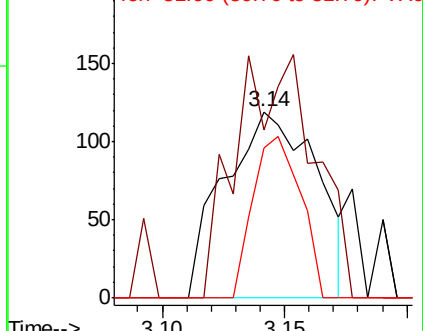
51 44.8 17.8 53.3

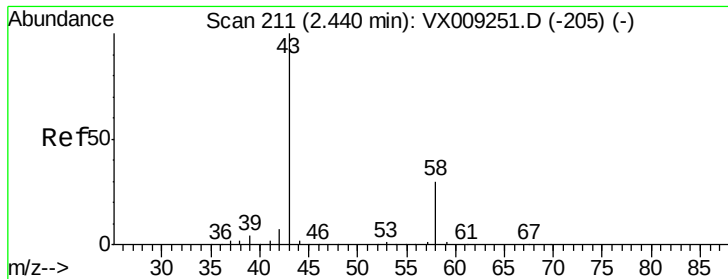


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 0.328 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX009266.D

Acq: 02 May 2019 10:31

Instrument :

MSVOA_X

ClientSampled :

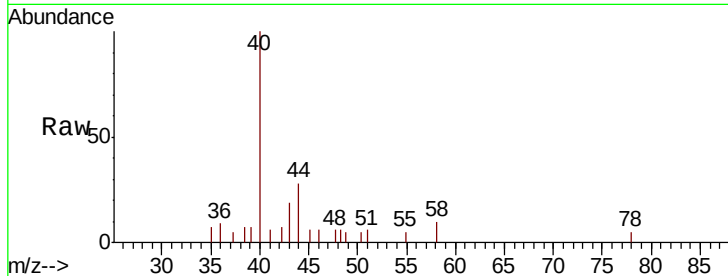
VX0502WBL01

Tot Ion: 58 Resp: 129

Ion Ratio Lower Upper

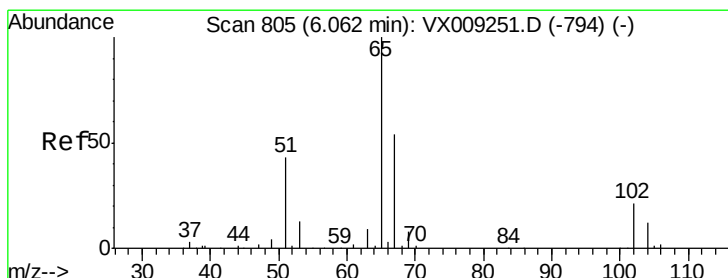
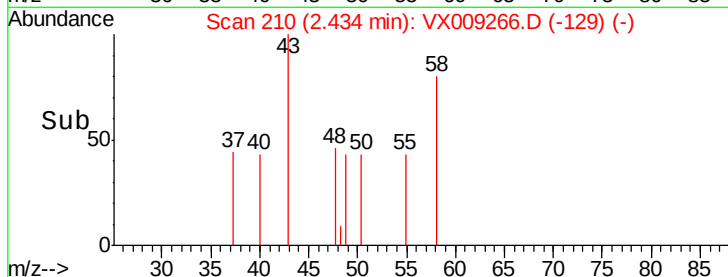
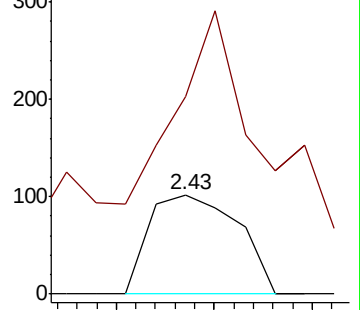
58 100

43 108.8 264.0 396.0#



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: 29.652 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009266.D

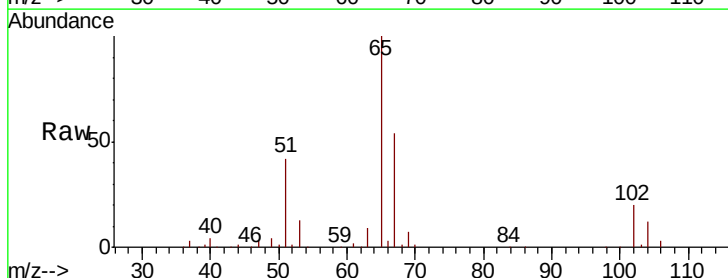
Acq: 02 May 2019 10:31

Tgt Ion: 65 Resp: 75458

Ion Ratio Lower Upper

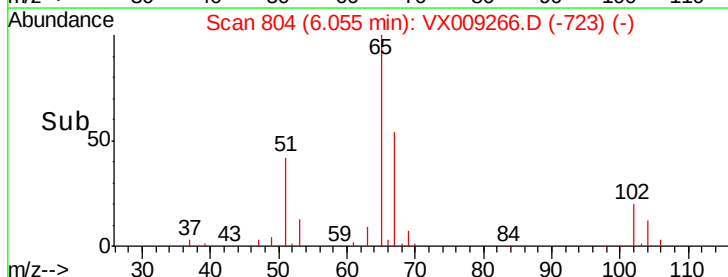
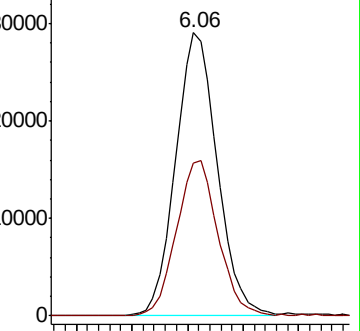
65 100

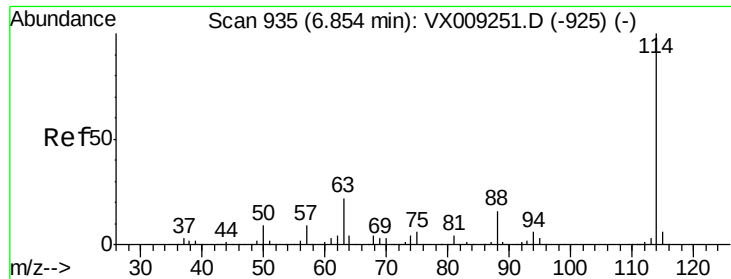
67 54.9 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

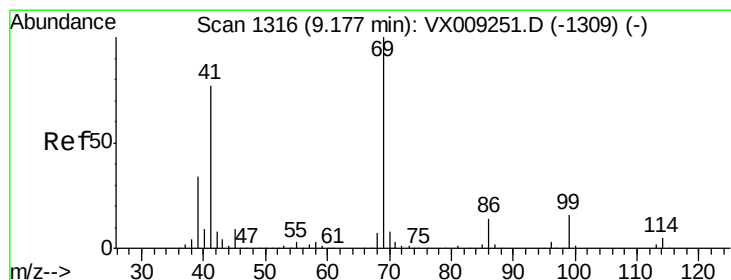
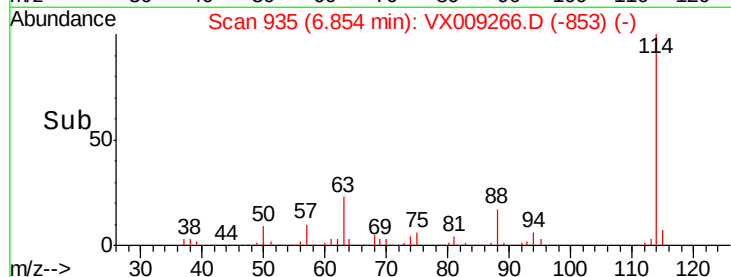
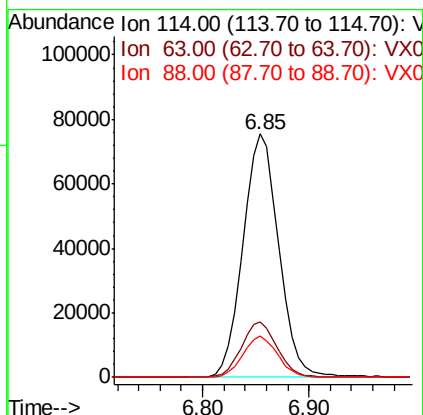
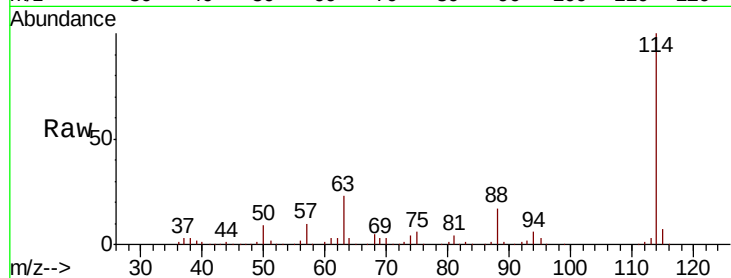




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX009266.D
 Acq: 02 May 2019 10:31

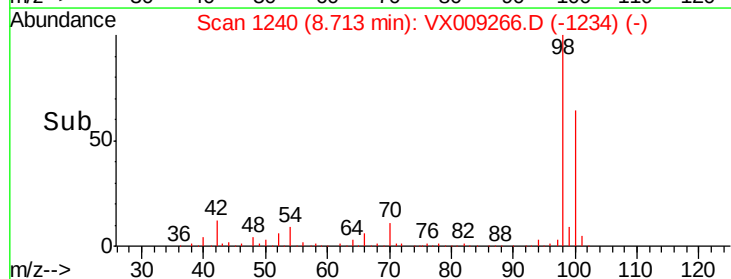
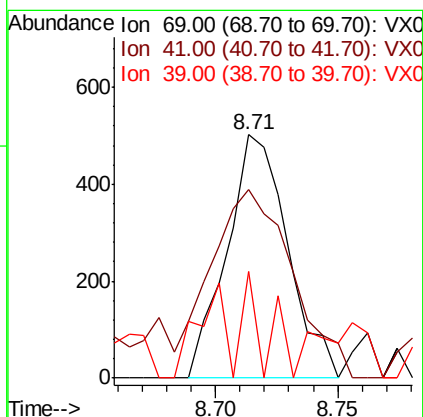
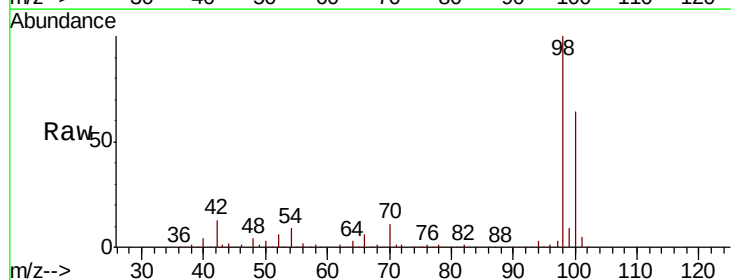
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBL01

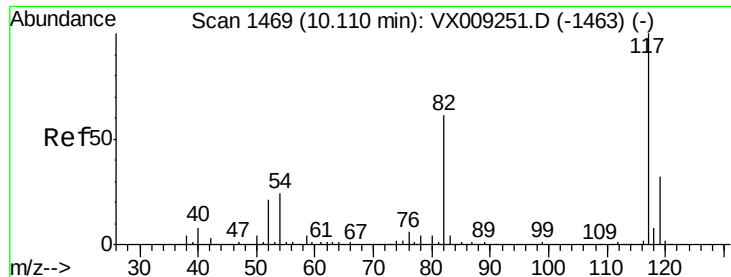
Tot Ion:114 Resp: 177935
 Ion Ratio Lower Upper
 114 100
 63 23.0 18.0 27.0
 88 16.5 13.4 20.0



#51
 Ethyl methacrylate
 Concen: 0.236 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.46 min
 Lab File: VX009266.D
 Acq: 02 May 2019 10:31

Tgt Ion: 69 Resp: 870
 Ion Ratio Lower Upper
 69 100
 41 63.3 38.4 115.2
 39 29.3 17.2 51.5

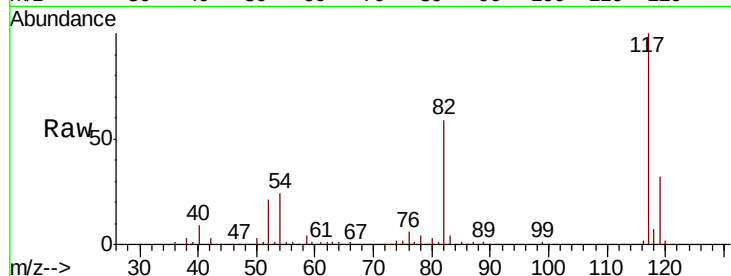




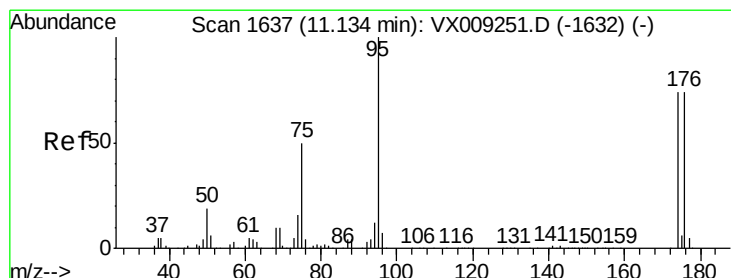
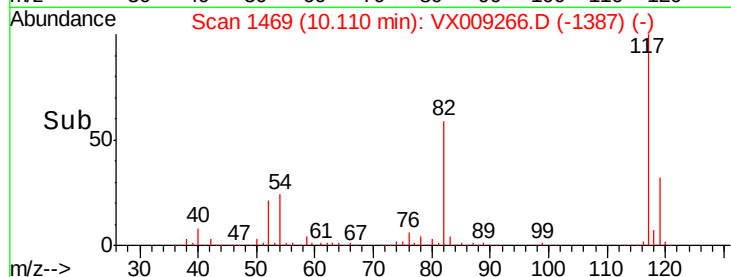
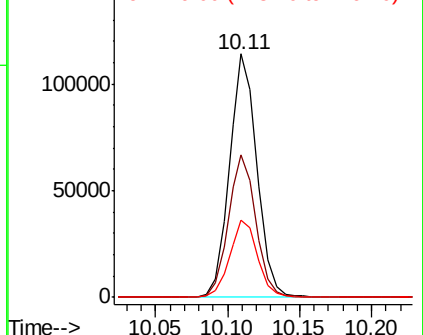
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009266.D
Acq: 02 May 2019 10:31

Instrument :
MSVOA_X
ClientSampled :
VX0502WBL01

Tot Ion:117 Resp: 152518
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 32.2 25.6 38.4

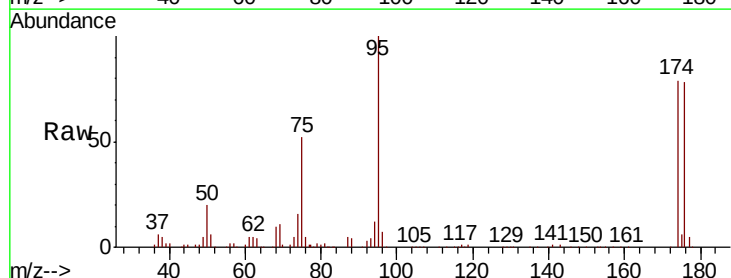


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

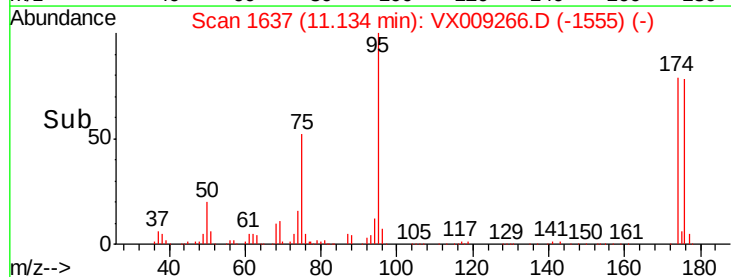
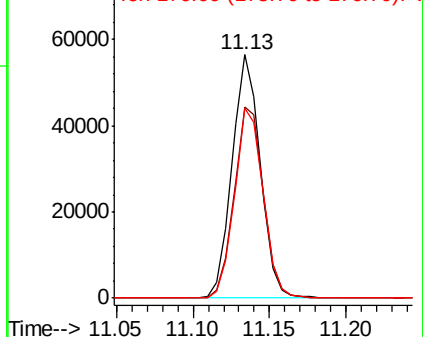


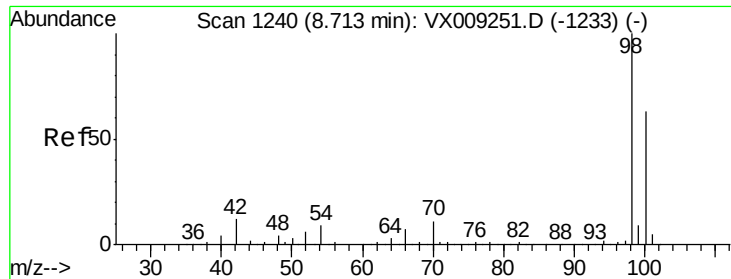
#60
4-Bromofluorobenzene
Concen: 27.768 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009266.D
Acq: 02 May 2019 10:31

Tgt Ion: 95 Resp: 71964
Ion Ratio Lower Upper
95 100
174 81.4 63.6 95.4
176 79.3 62.4 93.6



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 30.354 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009266.D

Acq: 02 May 2019 10:31

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBL01

Tot Ion: 98 Resp: 219492

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5

