

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009478.D
 Acq On : 10 May 2019 13:14
 Operator : JC/SP
 Sample : K2800-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFFL-4

Quant Time: May 11 03:23:42 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	28388	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	160272	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	139173	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	69901	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.13	95	65866	27.85	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.83%
63) Toluene-d8	8.71	98	197215	29.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.63%

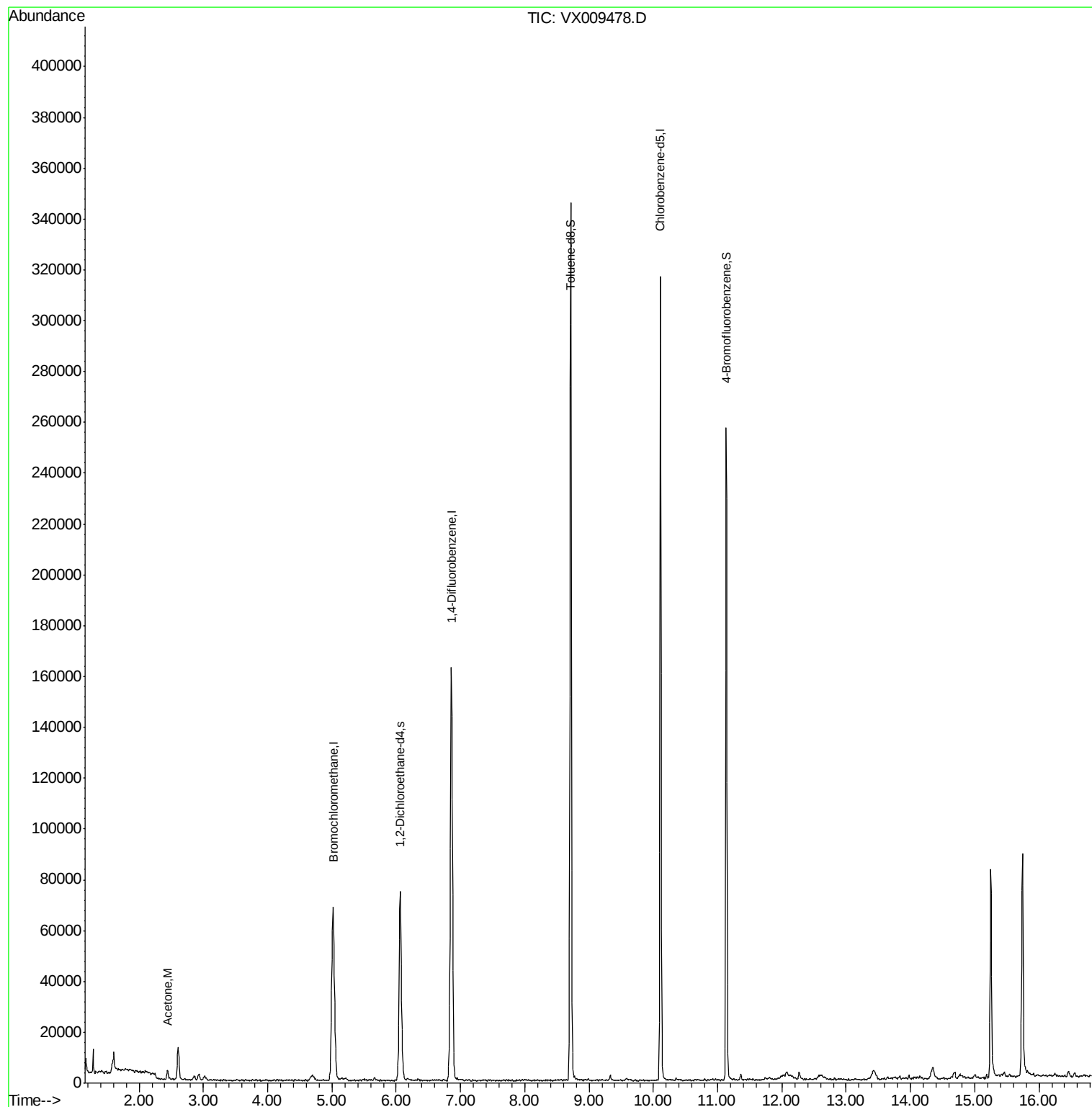
Target Compounds					Ovalue
15) Acetone	2.44	58	1245	3.416 ug/l	81

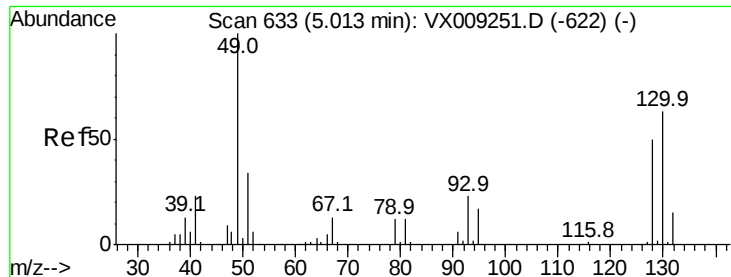
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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: VX009478.D

Acq: 10 May 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

EFFL-4

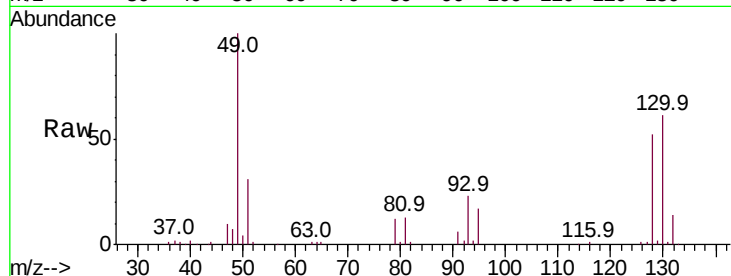
Tot Ion:128 Resp: 28388

Ion Ratio Lower Upper

128 100

49 196.2 0.0 515.0

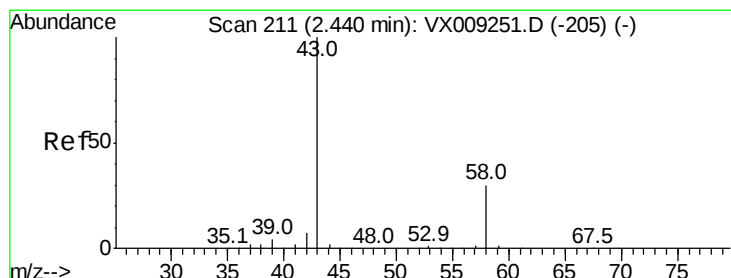
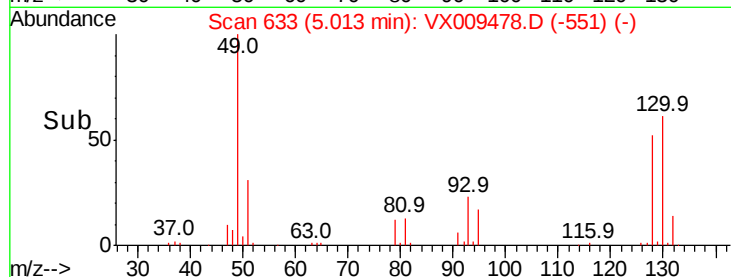
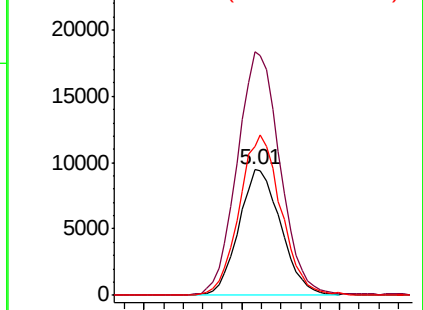
130 126.4 0.0 323.3



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



#15

Acetone

Concen: 3.416 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX009478.D

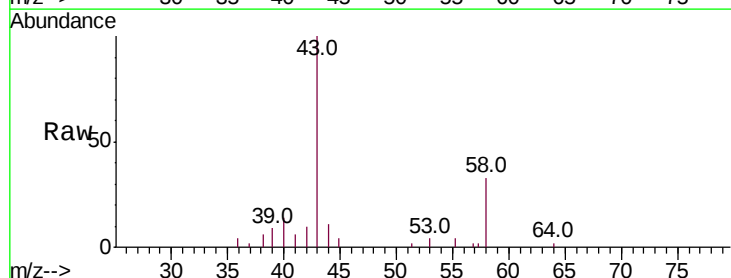
Acq: 10 May 2019 13:14

Tgt Ion: 58 Resp: 1245

Ion Ratio Lower Upper

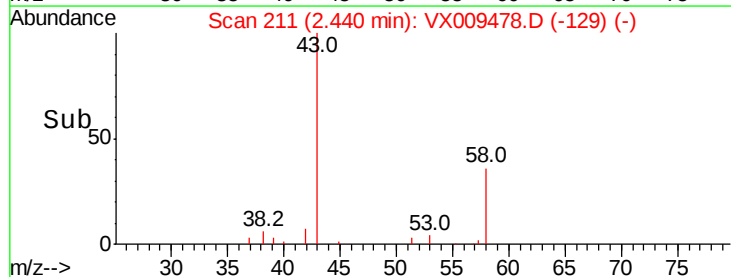
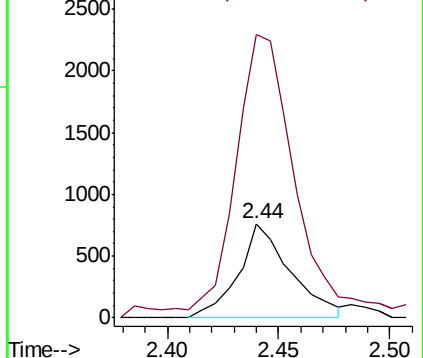
58 100

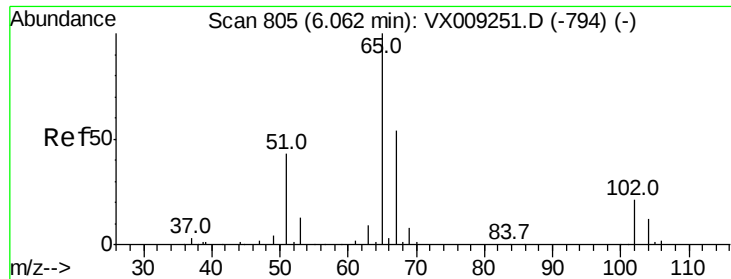
43 290.6 264.0 396.0



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: 29.683 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009478.D

Acq: 10 May 2019 13:14

Instrument :

MSVOA_X

ClientSampled :

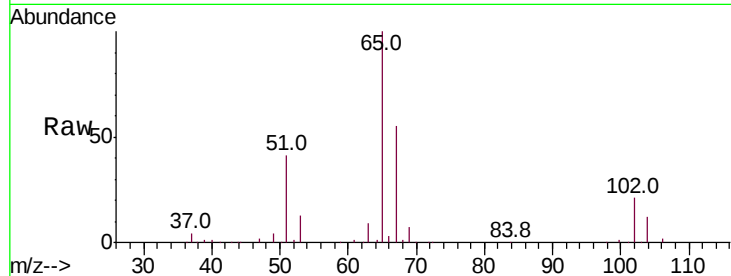
EFFL-4

Tot Ion: 65 Resp: 69901

Ion Ratio Lower Upper

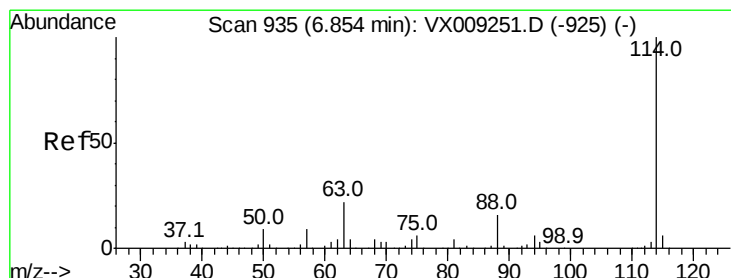
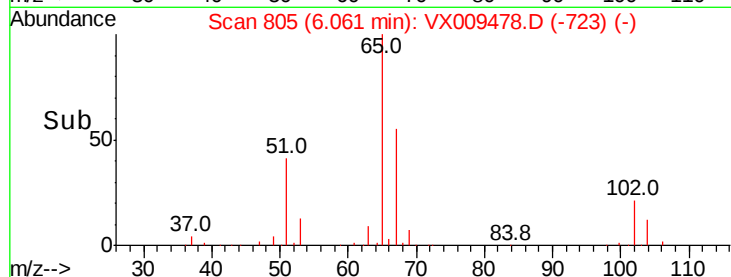
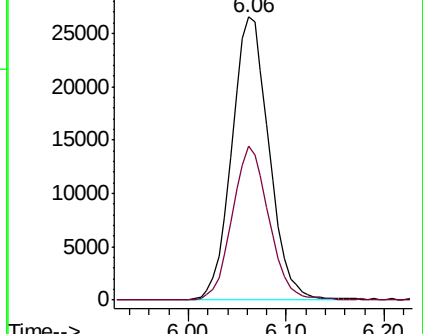
65 100

67 53.5 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: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009478.D

Acq: 10 May 2019 13:14

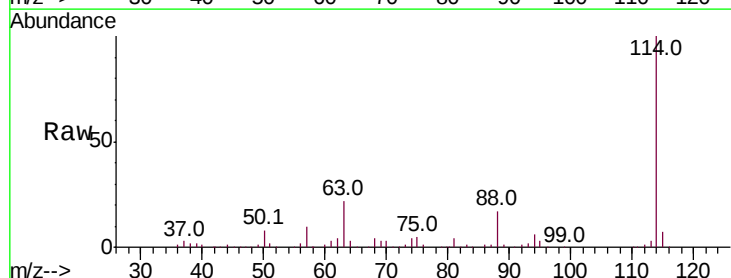
Tgt Ion:114 Resp: 160272

Ion Ratio Lower Upper

114 100

63 22.5 18.0 27.0

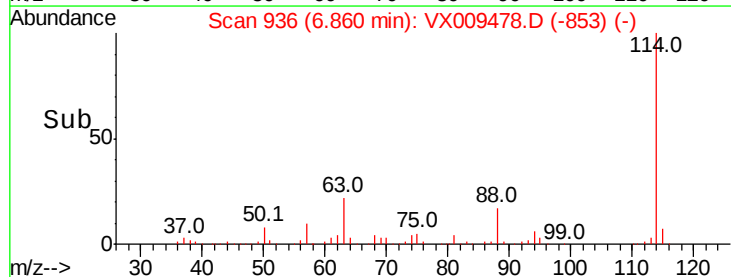
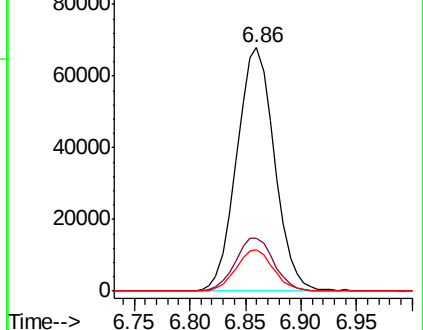
88 16.8 13.4 20.0

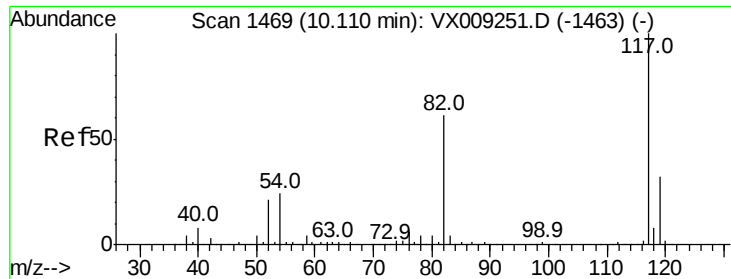


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

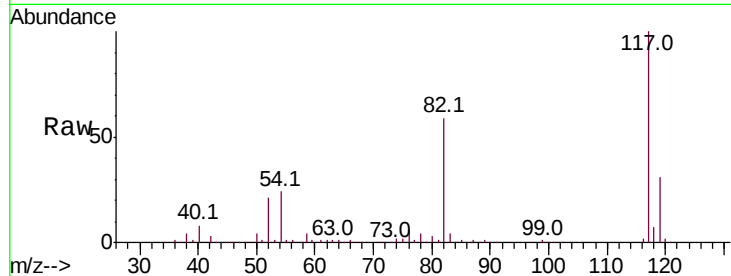




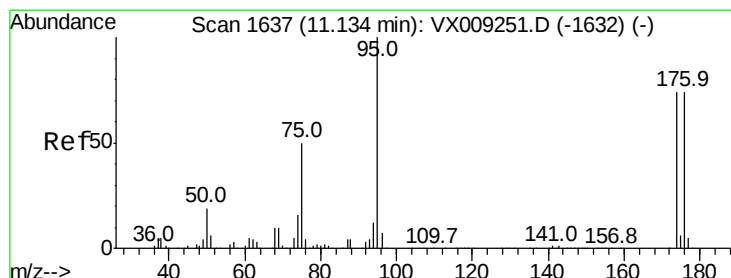
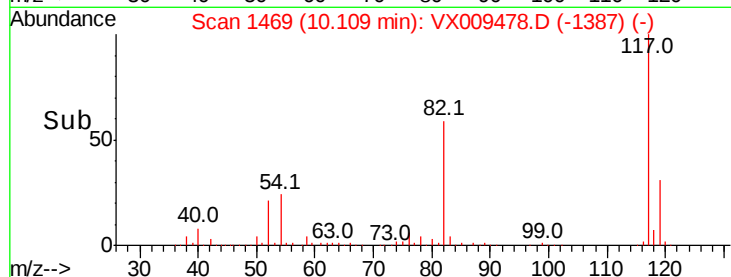
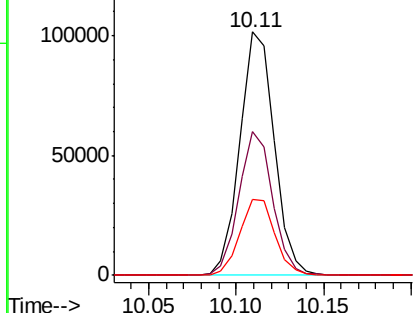
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009478.D
Acq: 10 May 2019 13:14

Instrument :
MSVOA_X
ClientSampled :
EFFL-4

Tot Ion:117 Resp: 139173
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.8
119 31.8 25.6 38.4

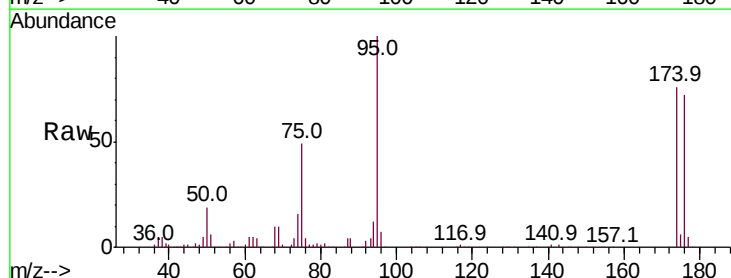


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

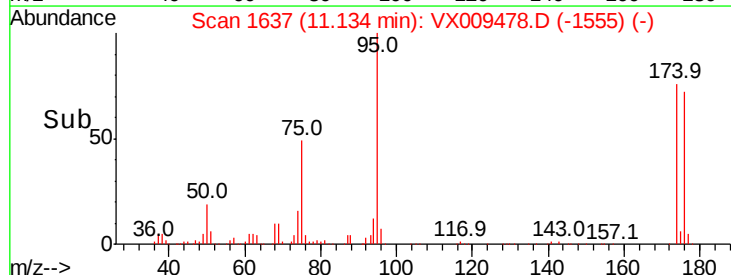
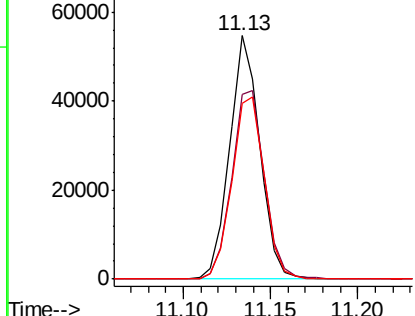


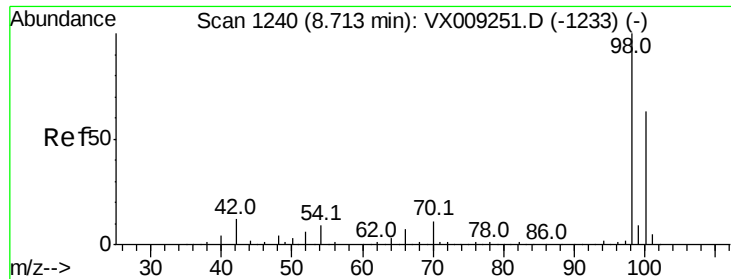
#60
4-Bromofluorobenzene
Concen: 27.852 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009478.D
Acq: 10 May 2019 13:14

Tgt Ion: 95 Resp: 65866
Ion Ratio Lower Upper
95 100
174 83.6 63.6 95.4
176 80.5 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: 29.889 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009478.D

Acq: 10 May 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

EFFL-4

Tot Ion: 98 Resp: 197215

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5

