

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014868.D
 Acq On : 07 Feb 2020 14:04
 Operator : JC/SP
 Sample : L1420-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 800-TRIP-BLANK

Quant Time: Feb 07 22:39:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	69176	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	383429	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	341994	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	153324	31.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.10%
60) 4-Bromofluorobenzene	11.13	95	156945	28.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.60%
63) Toluene-d8	8.71	98	452236	29.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.60%

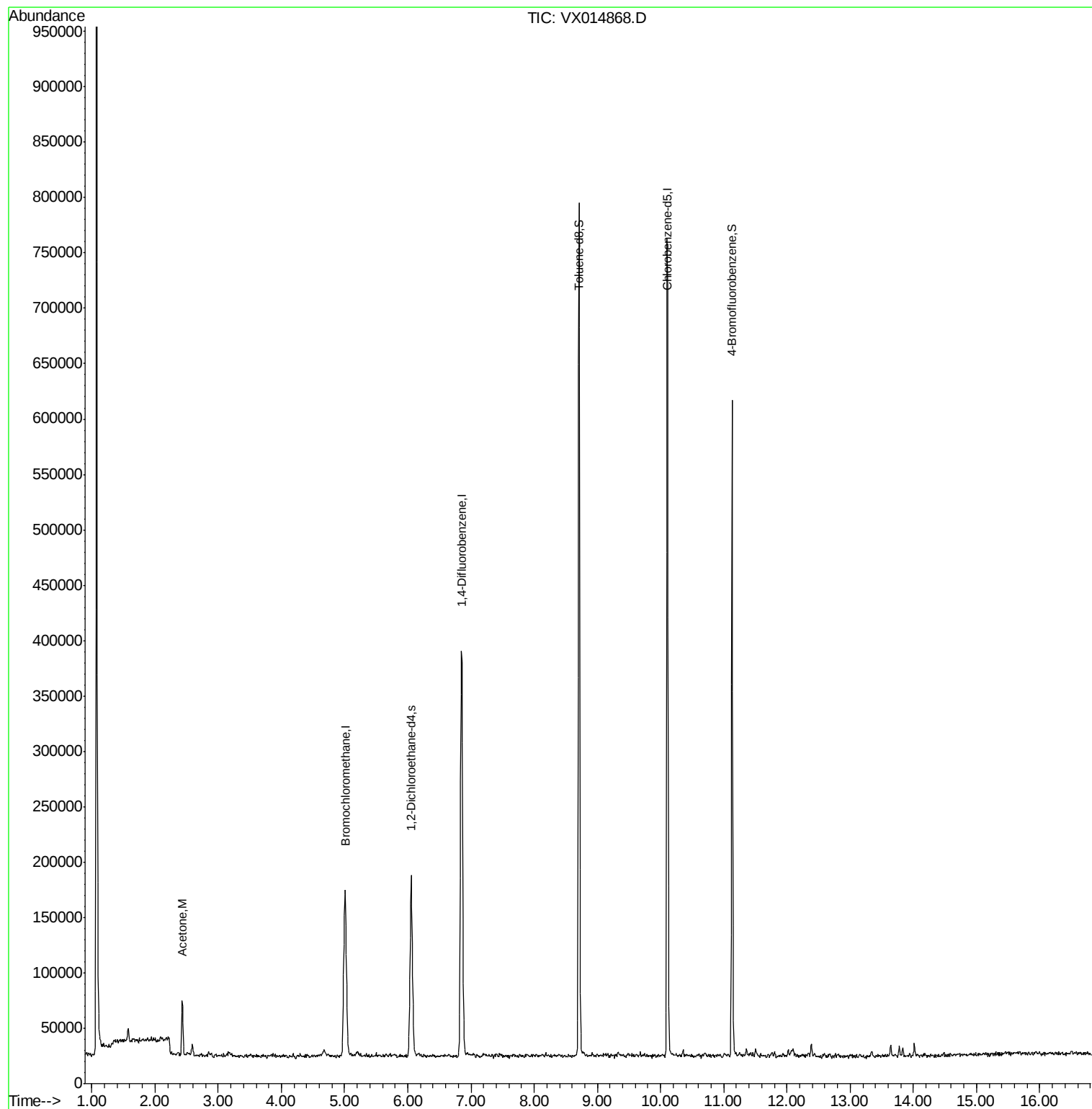
Target Compounds					Ovalue
15) Acetone	2.43	58	16657	20.990 ug/l	74

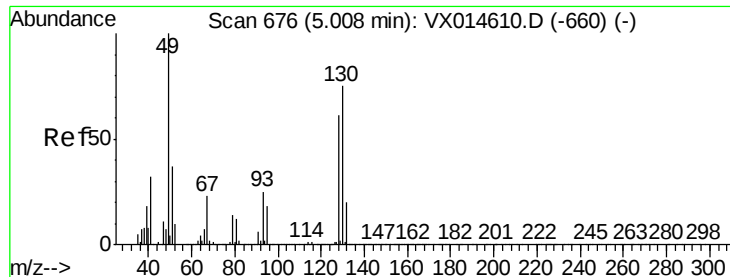
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014868.D

Acq: 07 Feb 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

800-TRIP-BLANK

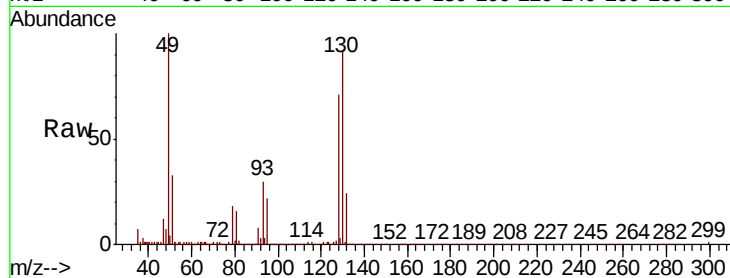
Tot Ion:128 Resp: 69176

Ion Ratio Lower Upper

128 100

49 145.7 0.0 405.0

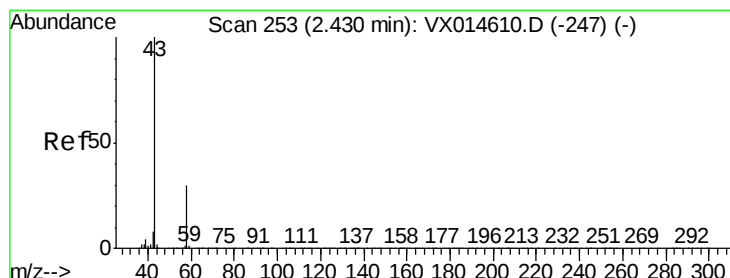
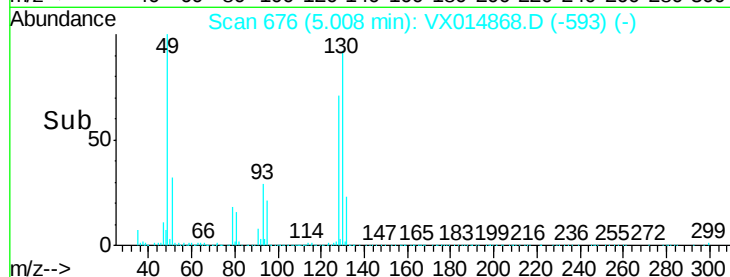
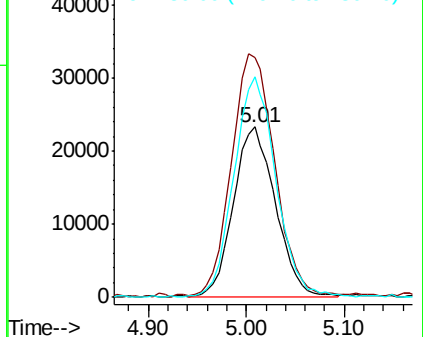
130 129.9 0.0 321.5



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: 20.990 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014868.D

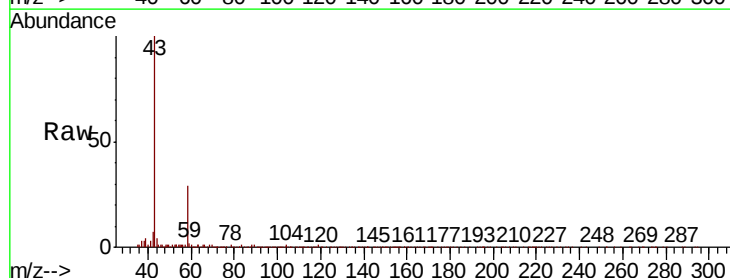
Acq: 07 Feb 2020 14:04

Tgt Ion: 58 Resp: 16657

Ion Ratio Lower Upper

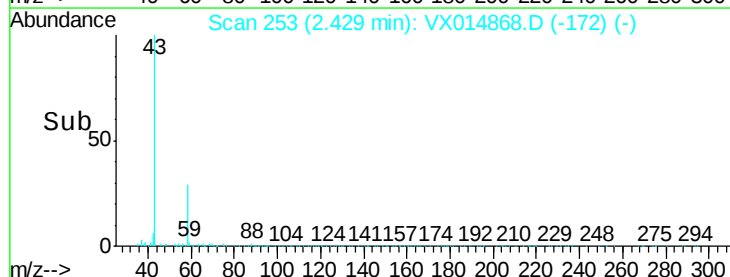
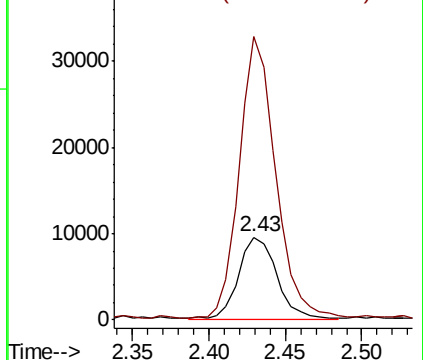
58 100

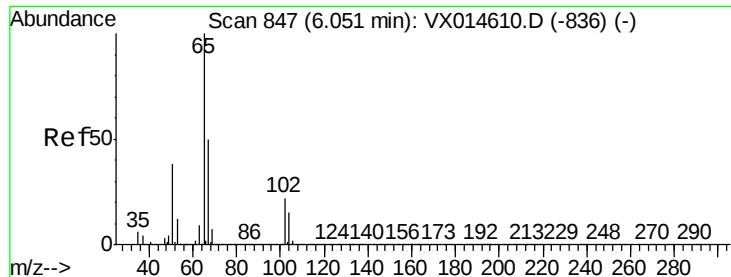
43 345.9 236.3 354.5



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: 31.533 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014868.D

Acq: 07 Feb 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

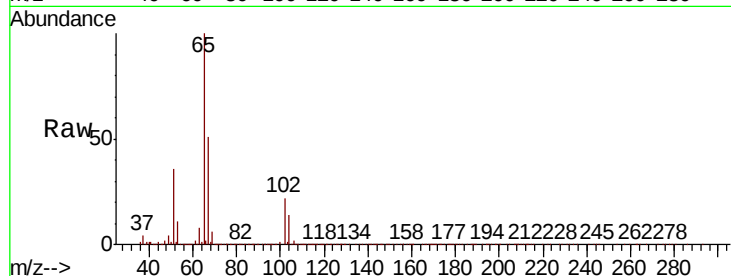
800-TRIP-BLANK

Tot Ion: 65 Resp: 153324

Ion Ratio Lower Upper

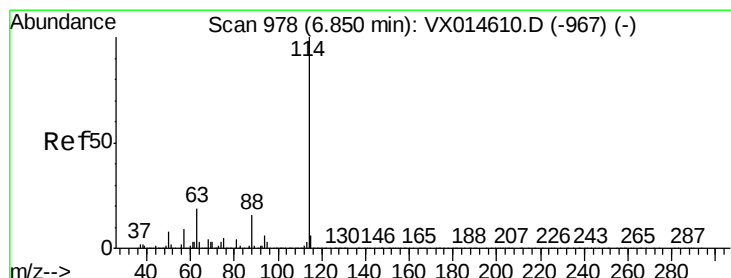
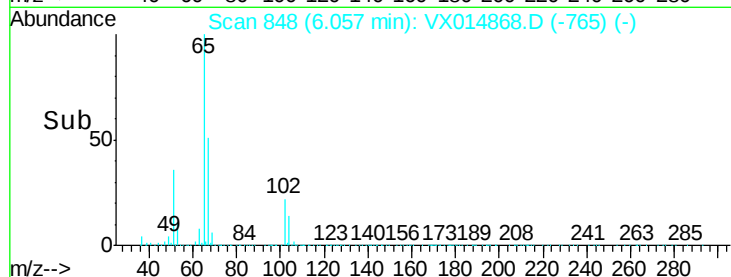
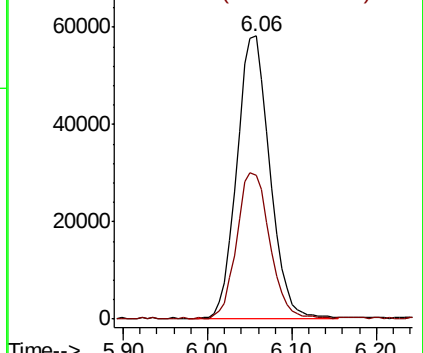
65 100

67 51.9 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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014868.D

Acq: 07 Feb 2020 14:04

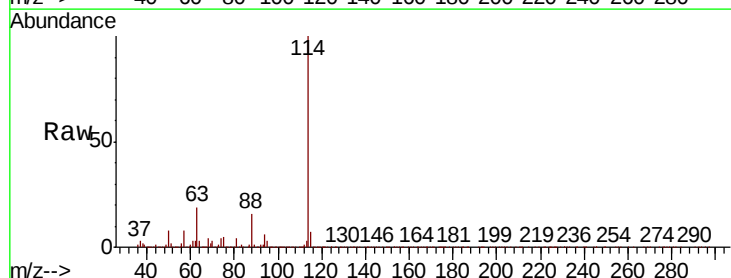
Tgt Ion: 114 Resp: 383429

Ion Ratio Lower Upper

114 100

63 19.8 16.1 24.1

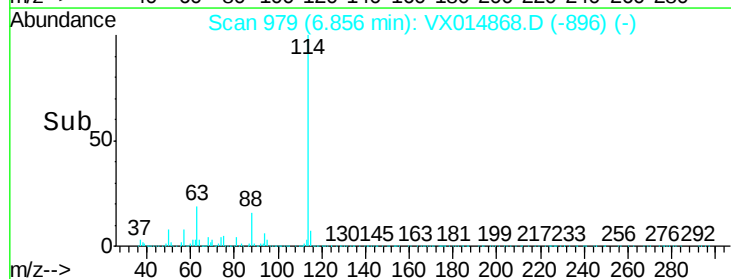
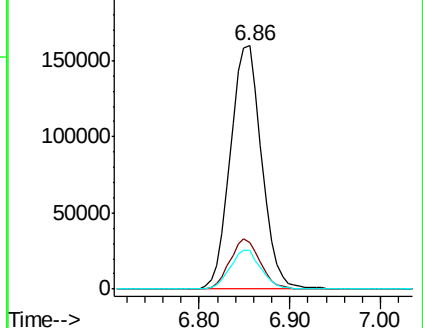
88 15.6 12.5 18.7

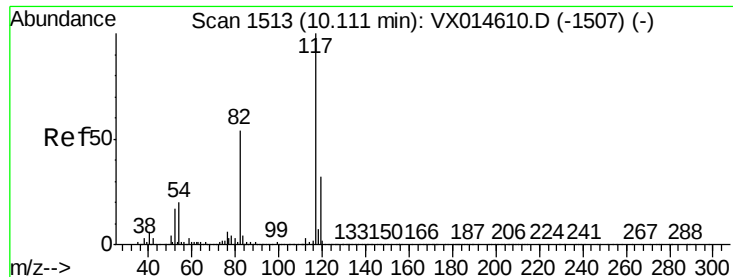


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

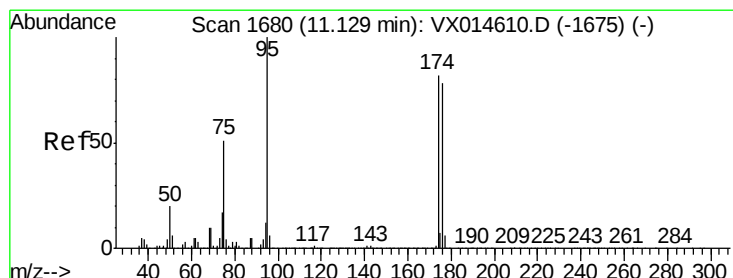
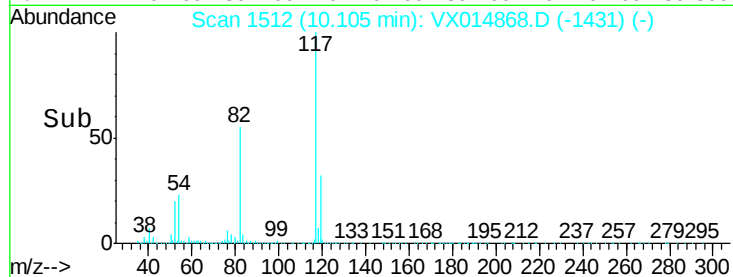
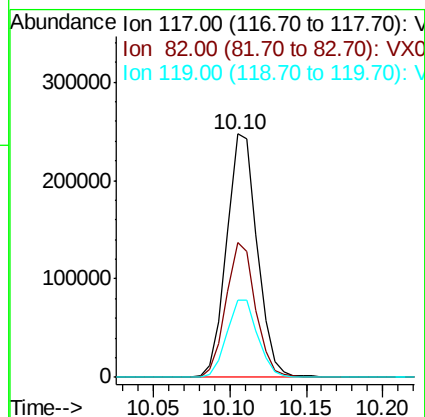
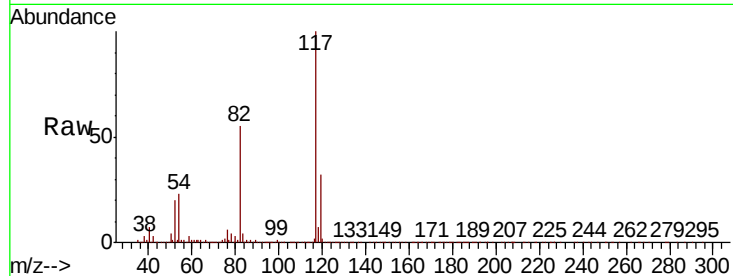




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

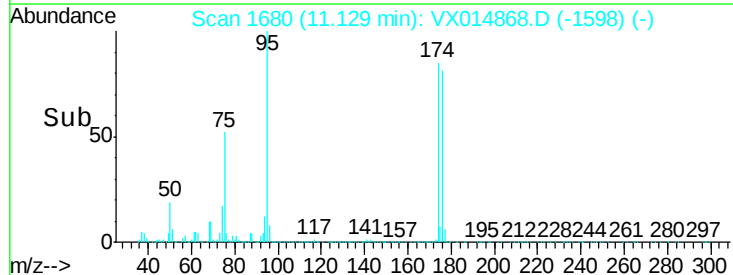
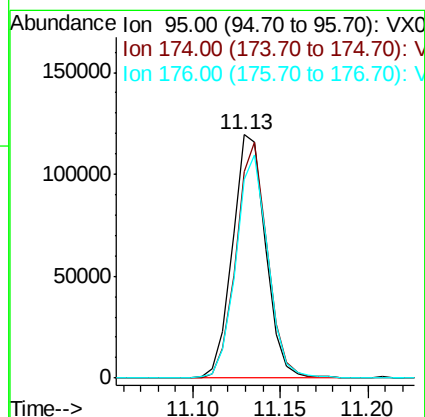
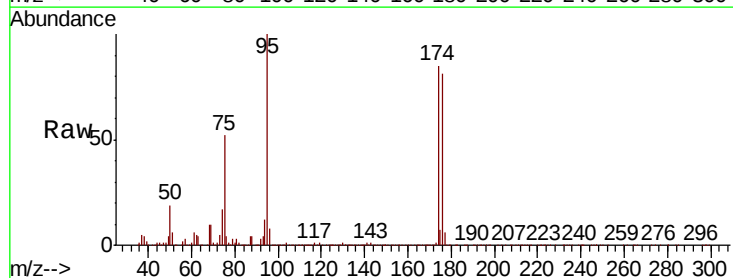
Instrument :
MSVOA_X
ClientSampleId :
800-TRIP-BLANK

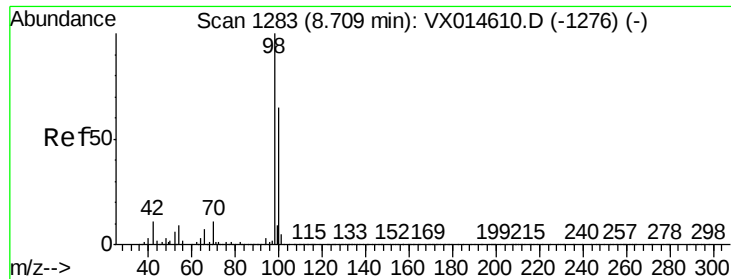
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.8	65.6
119	32.2	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 28.678 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	70.2	105.2
176	88.4	68.3	102.5





#63

Toluene-d8

Concen: 29.275 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014868.D

Acq: 07 Feb 2020 14:04

Instrument :

MSVOA_X

ClientSampleId :

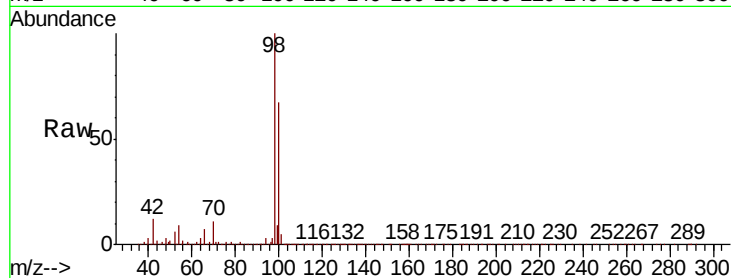
800-TRIP-BLANK

Tot Ion: 98 Resp: 452236

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

300000

200000

100000

0

8.65 8.70 8.75 8.80

