

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015618.D
 Acq On : 10 Apr 2020 14:03
 Operator : JC/SP
 Sample : L2209-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400408745-TRIP-BLANK

Quant Time: Apr 11 00:20:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	192637	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1089137	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	995733	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	469167	31.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.90%
60) 4-Bromofluorobenzene	11.12	95	496843	29.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.20%
63) Toluene-d8	8.70	98	1254327	29.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.83%

Target Compounds

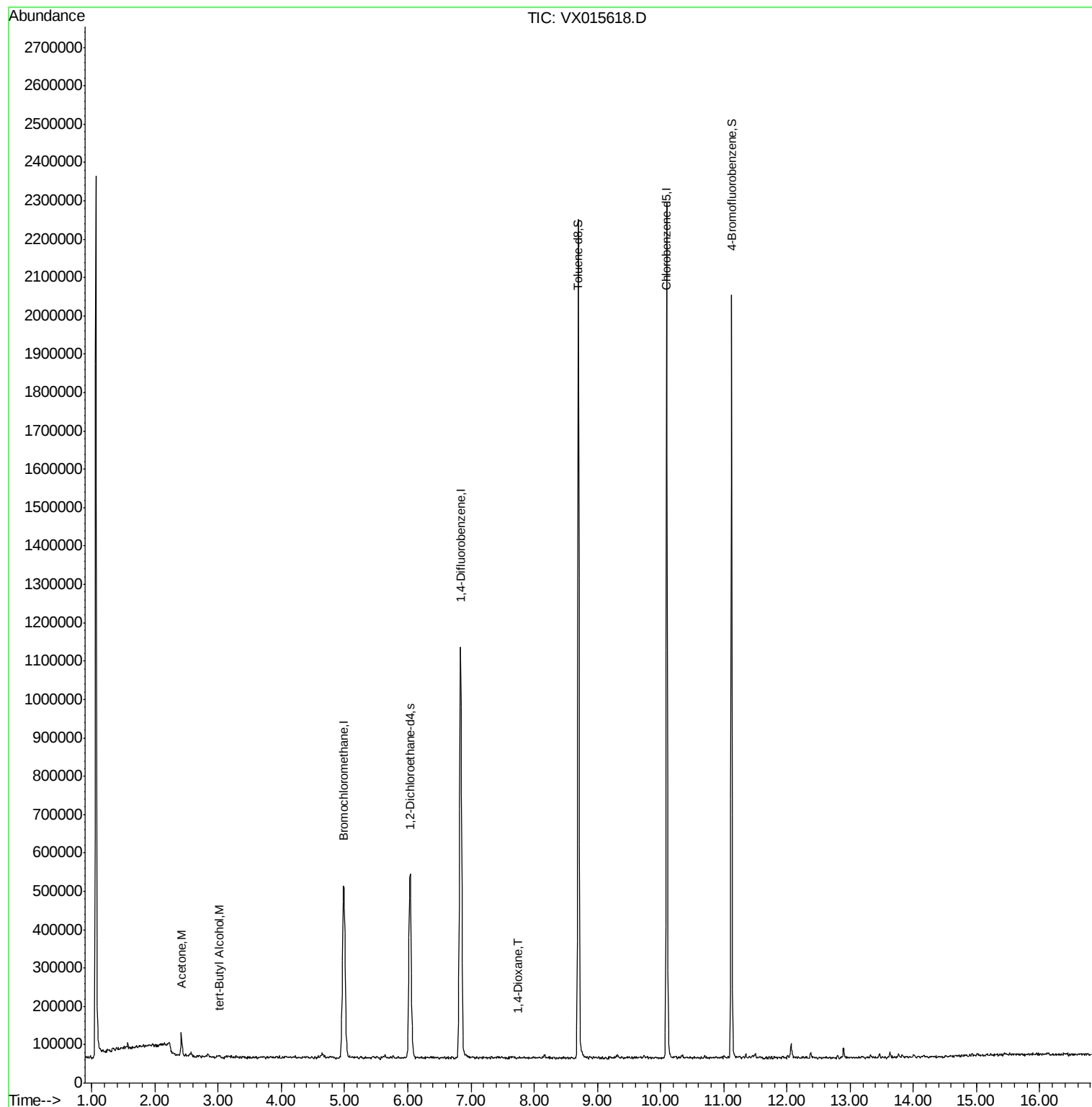
					Ovalue
15) Acetone	2.42	58	18855	11.285	ug/l 78
23) tert-Butyl Alcohol	3.01	59	3481	1.077	ug/l # 86
45) 1,4-Dioxane	7.74	88	483	1.527	ug/l # 70

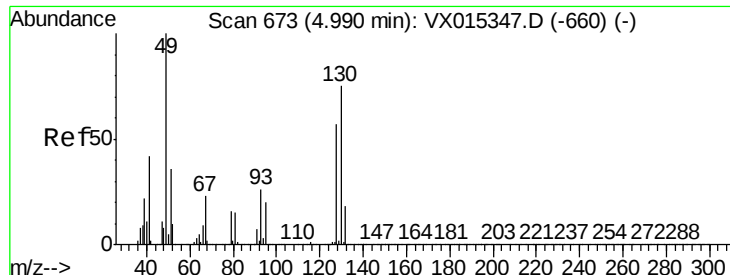
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 26 02:31:53 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015618.D

Acq: 10 Apr 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

400408745-TRIP-BLANK

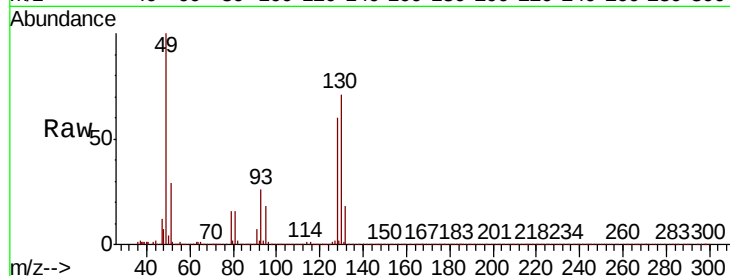
Tot Ion:128 Resp: 192637

Ion Ratio Lower Upper

128 100

49 174.9 0.0 428.0

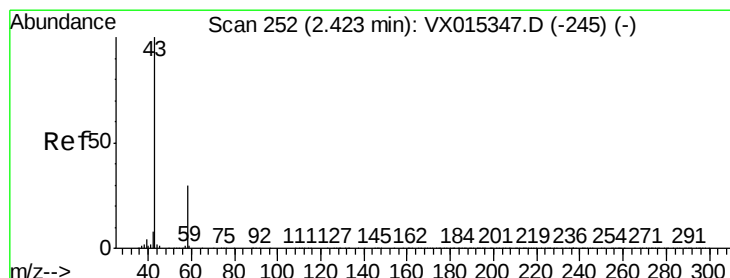
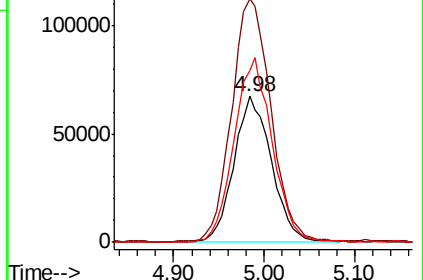
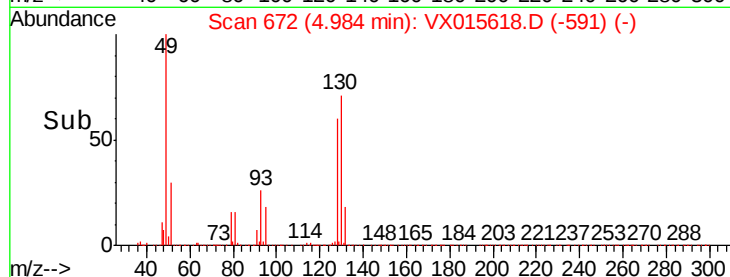
130 127.8 0.0 324.5



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: 11.285 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015618.D

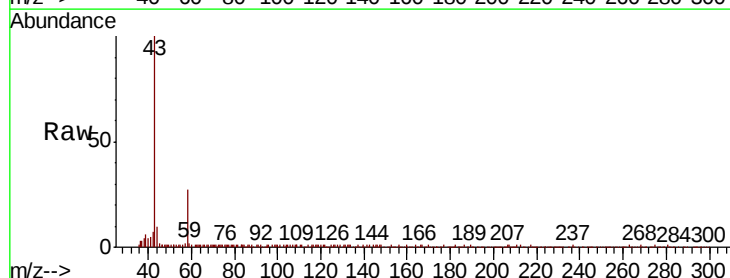
Acq: 10 Apr 2020 14:03

Tgt Ion: 58 Resp: 18855

Ion Ratio Lower Upper

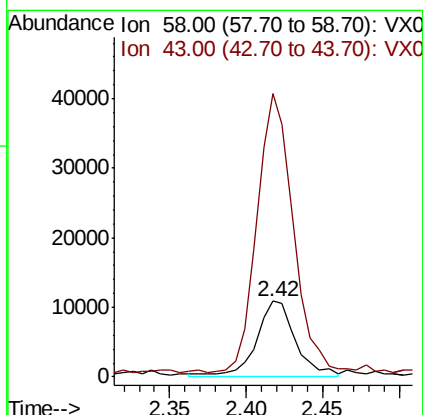
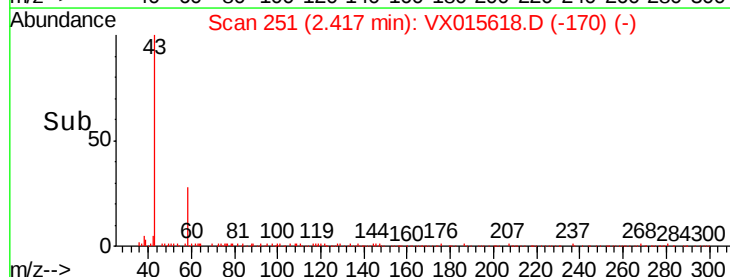
58 100

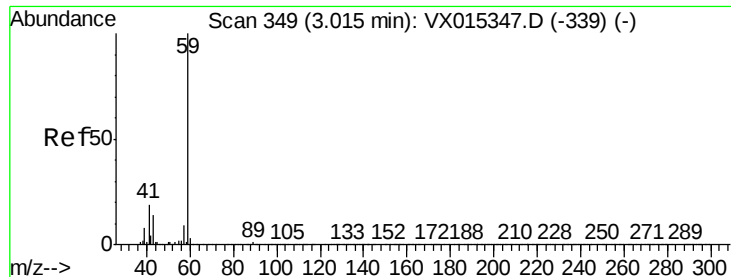
43 380.2 267.8 401.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



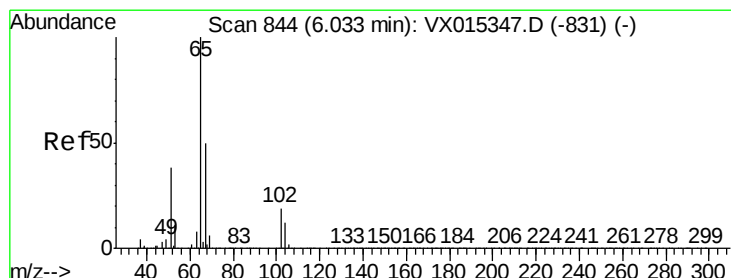
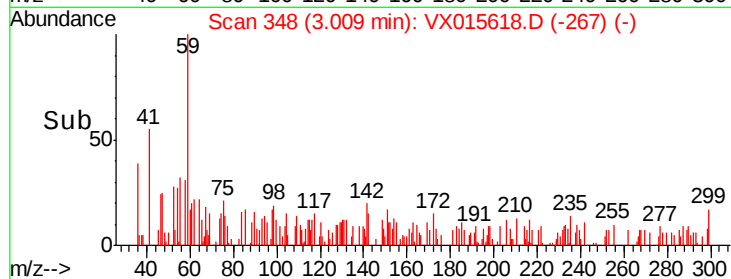
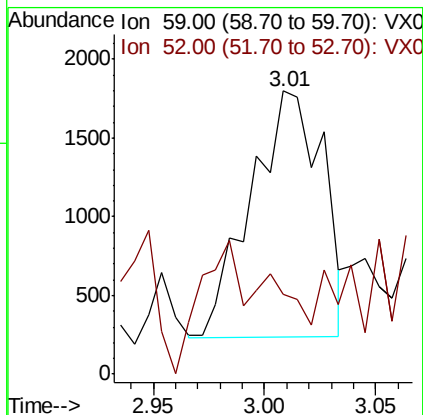
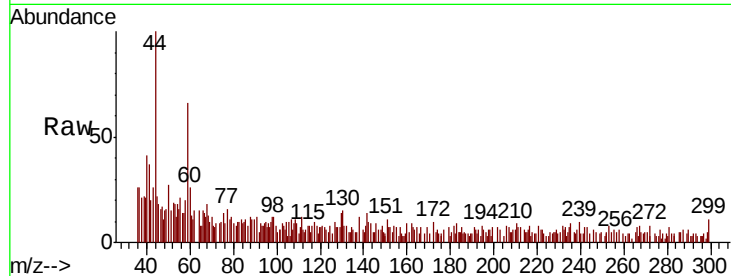


#23

tert-Butyl Alcohol
 Concen: 1.077 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015618.D
 Acq: 10 Apr 2020 14:03

Instrument :
 MSVOA_X
 ClientSampleId :
 400408745-TRIP-BLANK

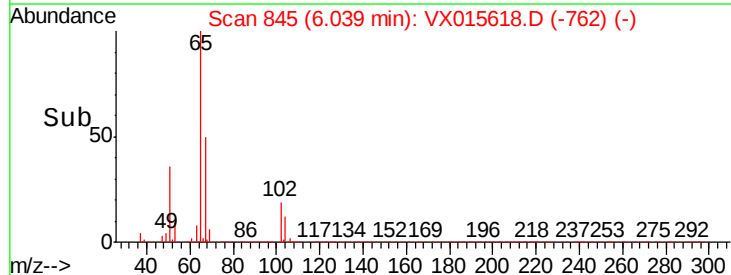
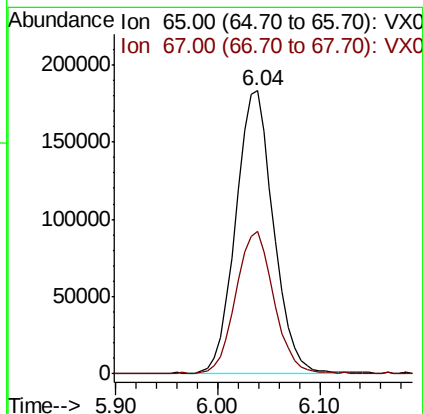
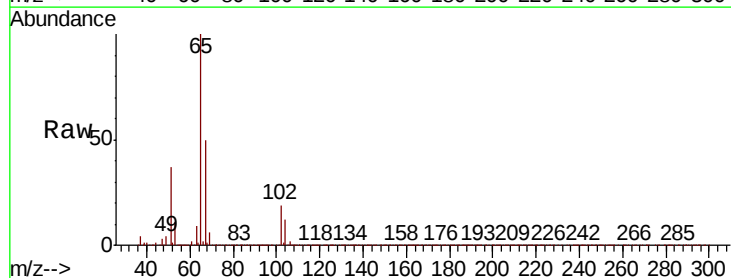
Tot Ion: 59 Resp: 3481
 Ion Ratio Lower Upper
 59 100
 52 17.6 0.2 0.2#

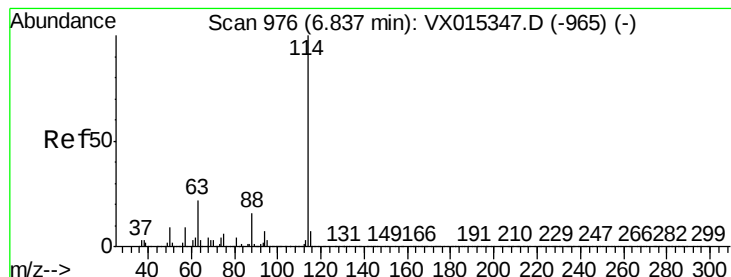


#27

1,2-Dichloroethane-d4
 Concen: 31.167 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015618.D
 Acq: 10 Apr 2020 14:03

Tgt Ion: 65 Resp: 469167
 Ion Ratio Lower Upper
 65 100
 67 49.5 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015618.D

Acq: 10 Apr 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

400408745-TRIP-BLANK

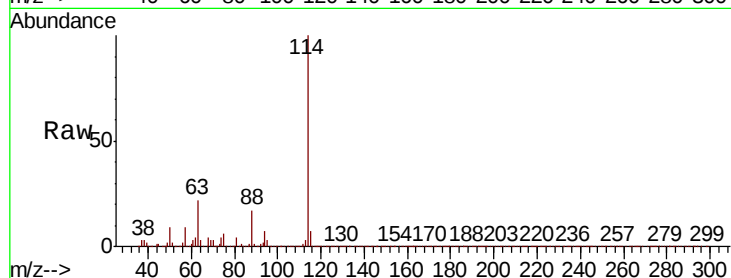
Tot Ion:114 Resp: 1089137

Ion Ratio Lower Upper

114 100

63 22.3 17.4 26.2

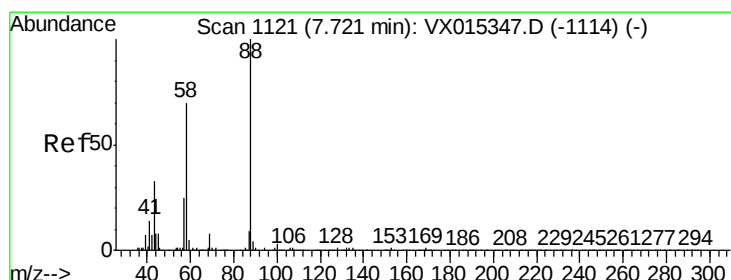
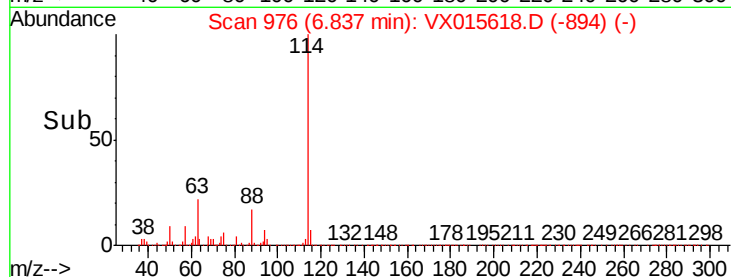
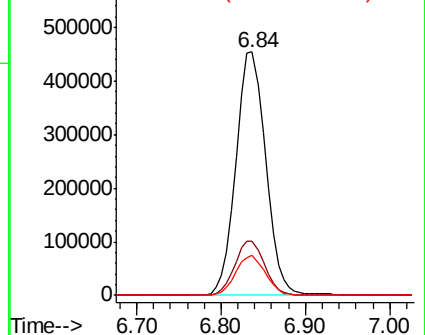
88 16.2 12.9 19.3



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



#45

1,4-Dioxane

Concen: 1.527 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.02 min

Lab File: VX015618.D

Acq: 10 Apr 2020 14:03

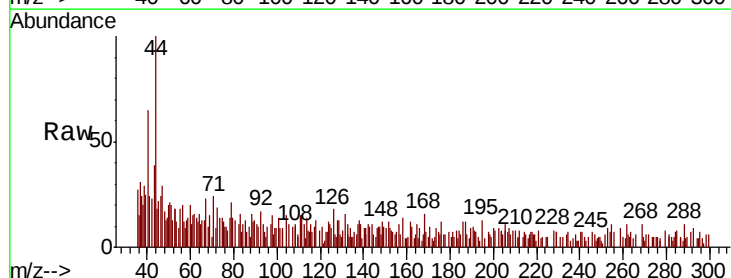
Tgt Ion: 88 Resp: 483

Ion Ratio Lower Upper

88 100

43 68.3 32.1 48.1#

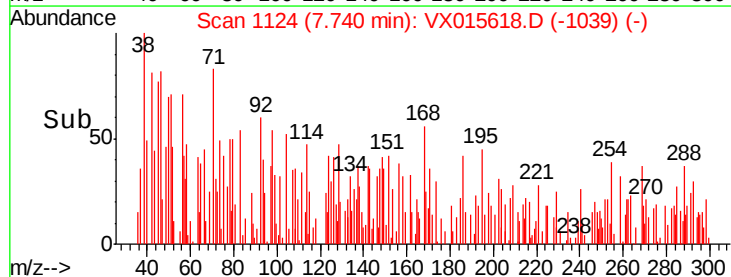
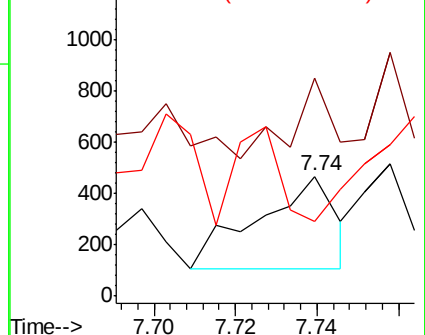
58 92.3 59.4 89.0#

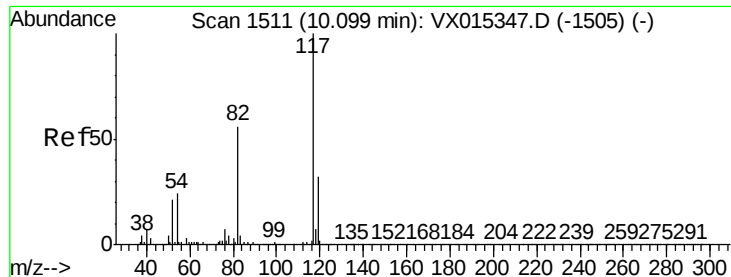


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

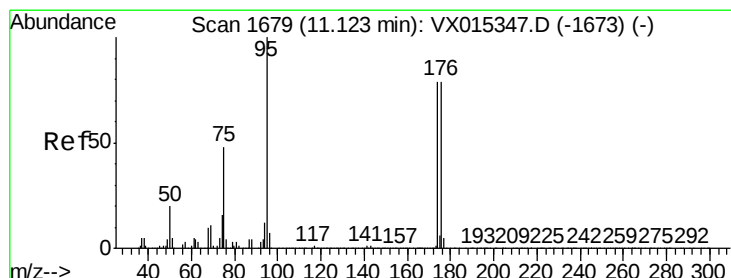
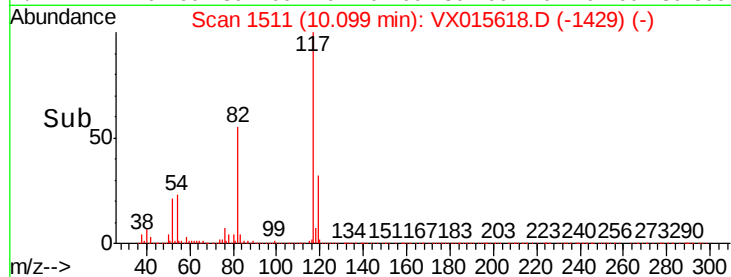
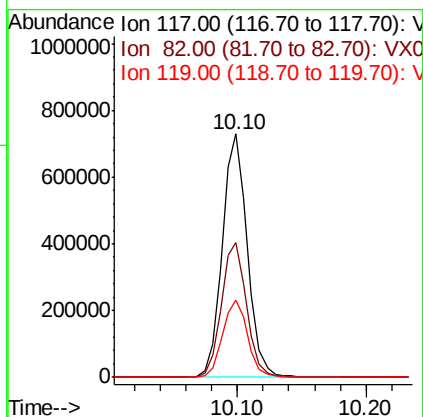
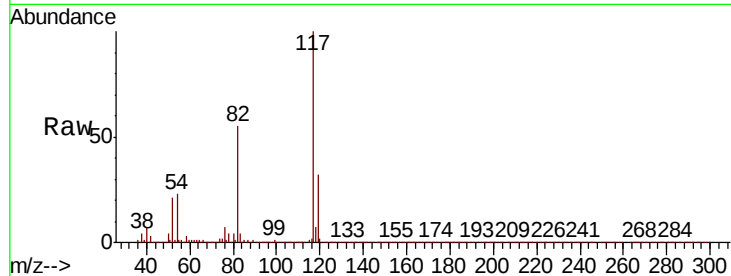




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015618.D
Acq: 10 Apr 2020 14:03

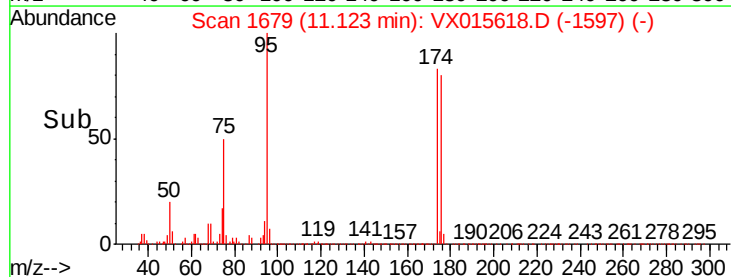
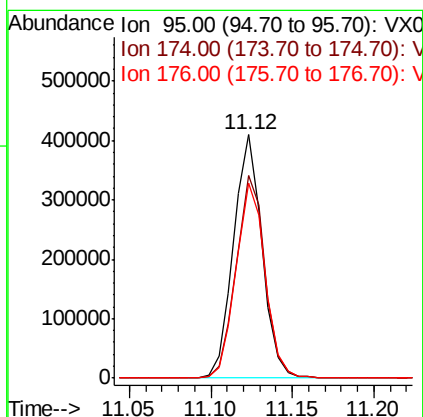
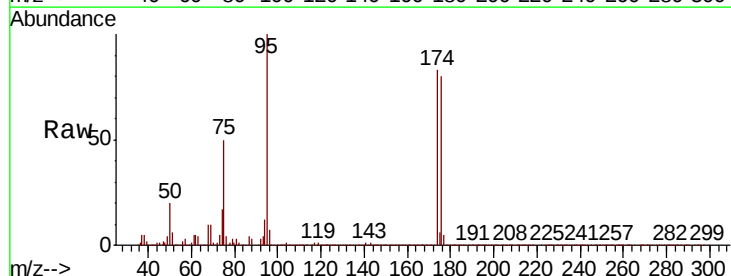
Instrument :
MSVOA_X
ClientSampleId :
400408745-TRIP-BLANK

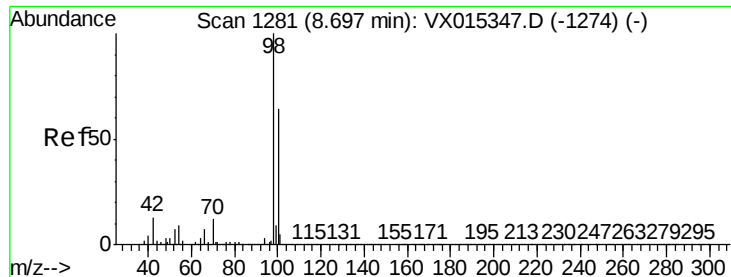
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.0	67.6
119	31.9	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 29.156 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015618.D
Acq: 10 Apr 2020 14:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.6	66.4	99.6
176	82.4	64.1	96.1





#63

Toluene-d8

Concen: 29.650 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015618.D

Acq: 10 Apr 2020 14:03

Instrument :

MSVOA_X

ClientSampleId :

400408745-TRIP-BLANK

Tot Ion: 98 Resp: 1254327

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2

