

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015128.D
 Acq On : 06 Mar 2020 15:40
 Operator : JC/SP
 Sample : L1820-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(MAR)

Quant Time: Mar 07 01:20:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	61548	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	313816	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	289768	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	129412	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	11.13	95	123207	27.30	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.00%
63) Toluene-d8	8.71	98	368900	29.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.30%

Target Compounds

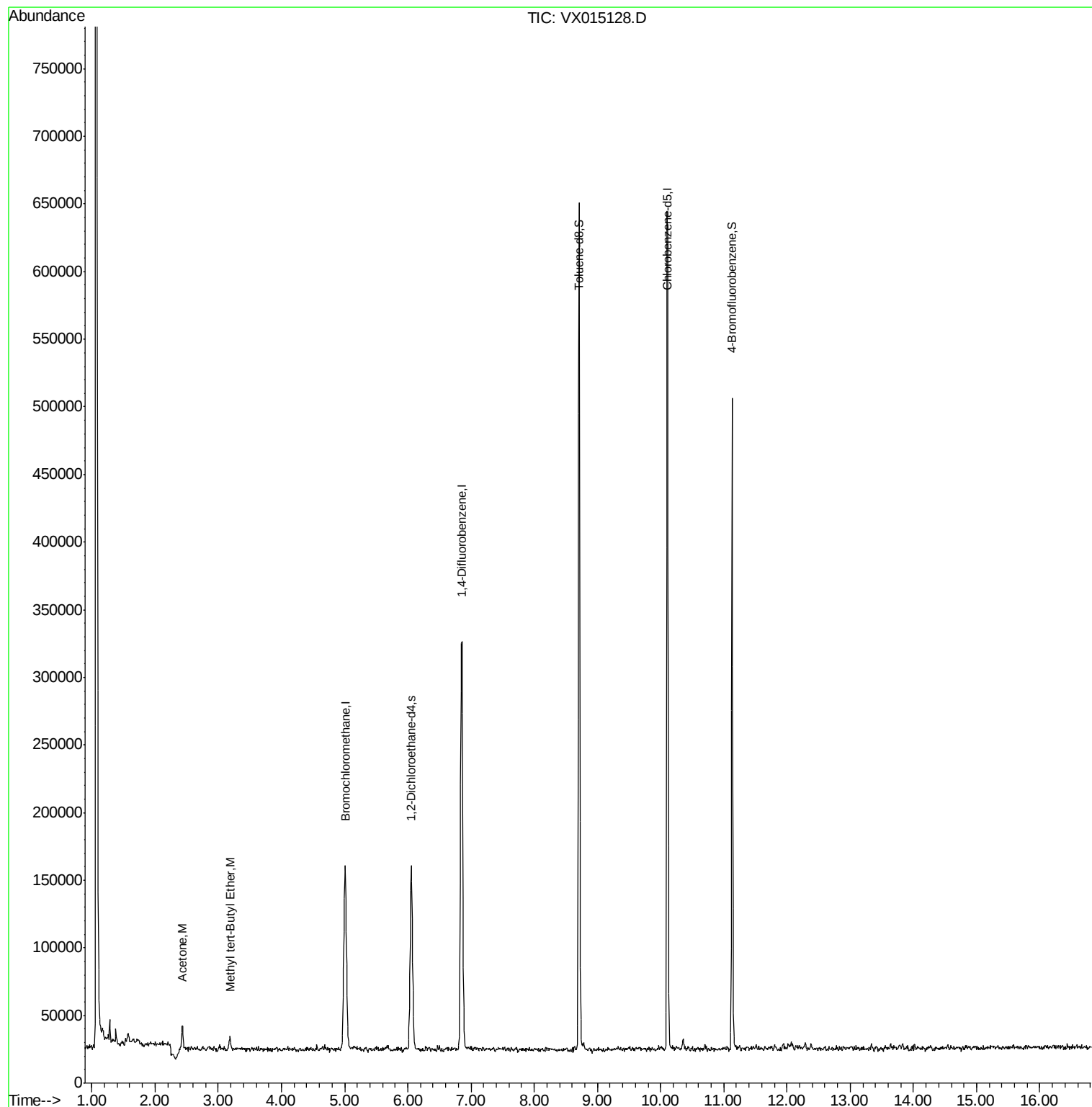
					Ovalue
15) Acetone	2.43	58	6481	9.960	ug/l 98
24) Methyl tert-Butyl Ether	3.19	73	9968	0.926	ug/l 94

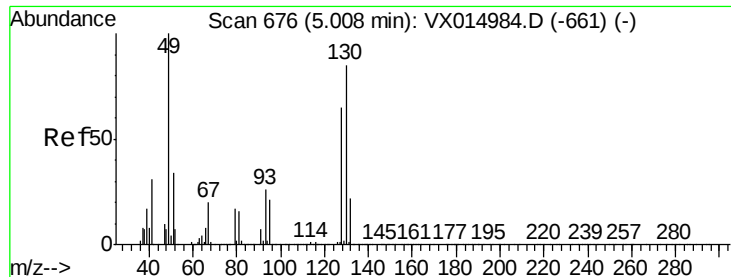
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 22 00:37:56 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX015128.D

Acq: 06 Mar 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE-(MAR)

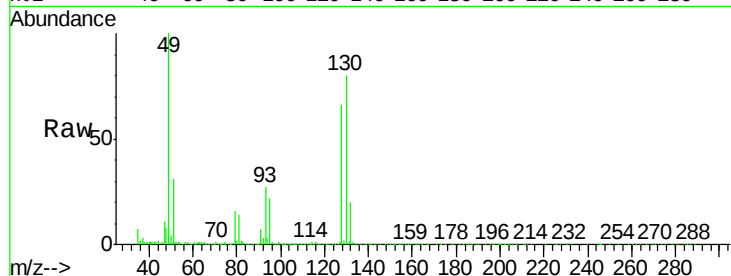
Tot Ion:128 Resp: 61548

Ion Ratio Lower Upper

128 100

49 155.9 0.0 384.7

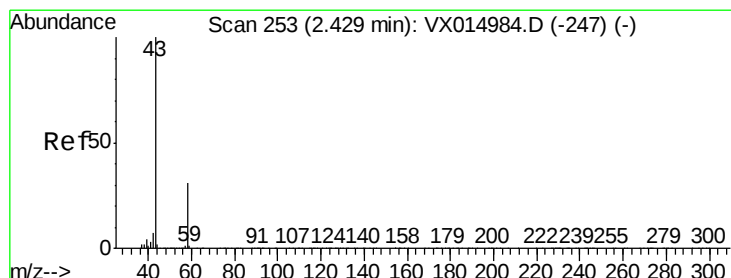
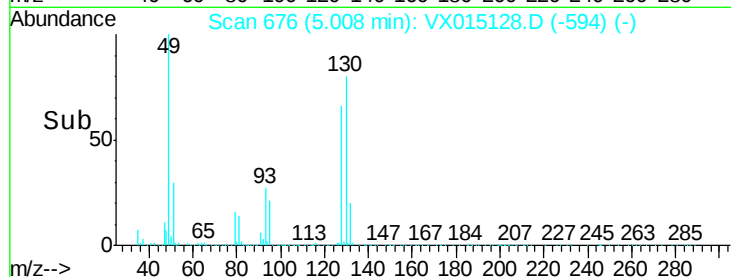
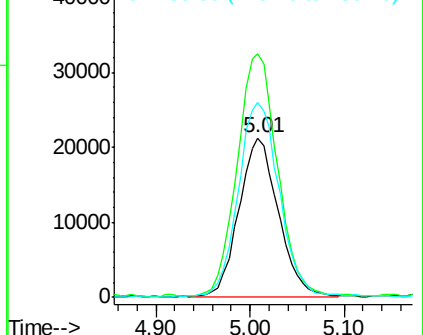
130 128.2 0.0 330.8



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: 9.960 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX015128.D

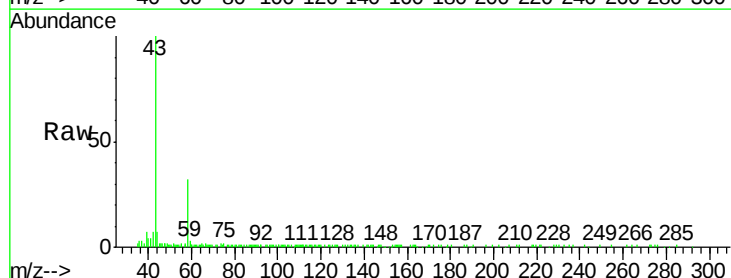
Acq: 06 Mar 2020 15:40

Tgt Ion: 58 Resp: 6481

Ion Ratio Lower Upper

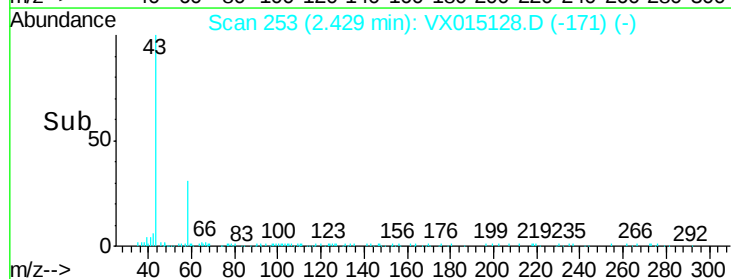
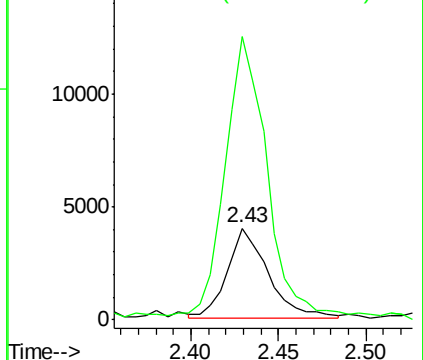
58 100

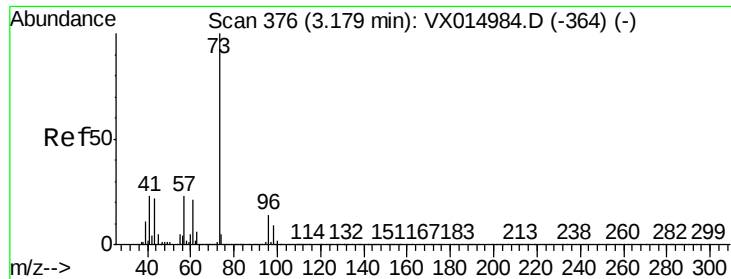
43 317.6 257.7 386.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



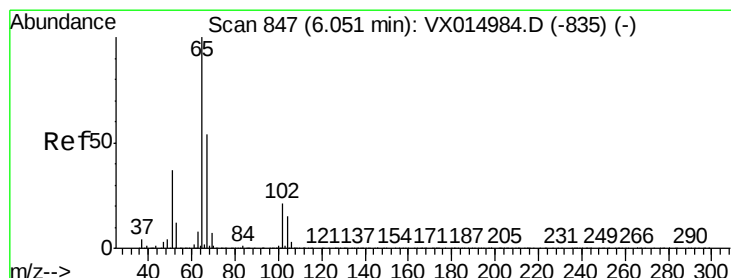
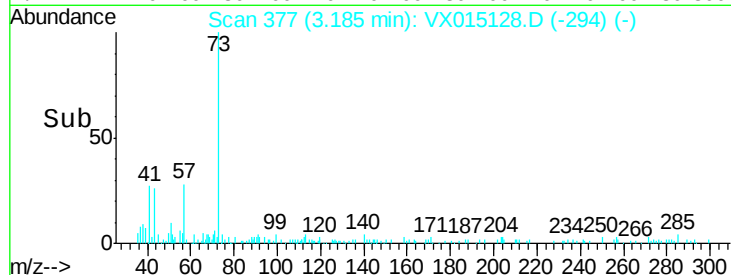
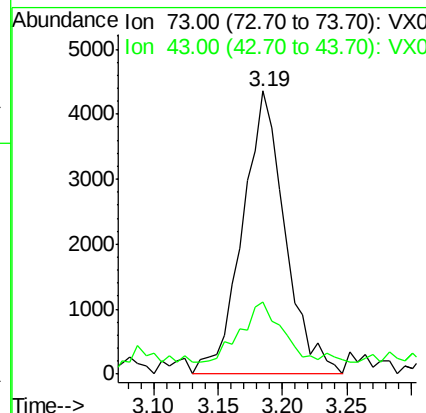
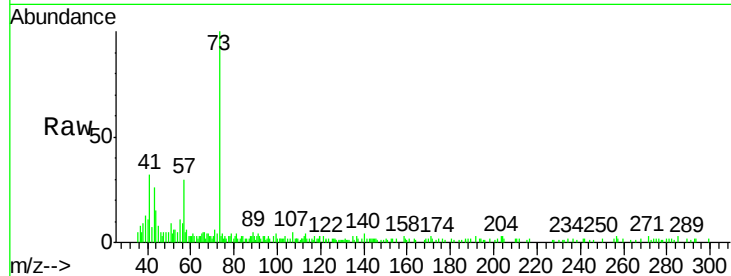


#24

Methyl tert-Butyl Ether
 Concen: 0.926 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX015128.D
 Acq: 06 Mar 2020 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(MAR)

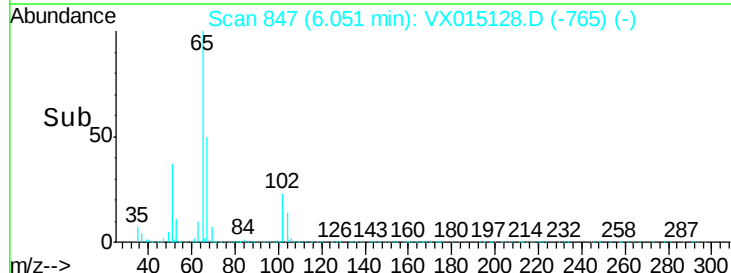
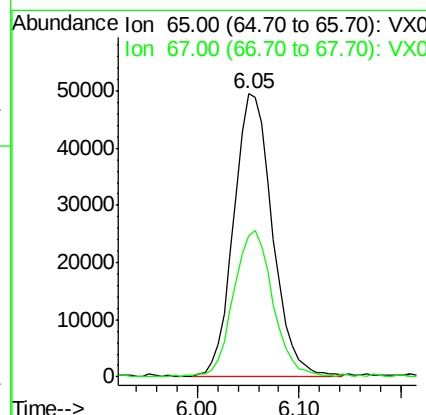
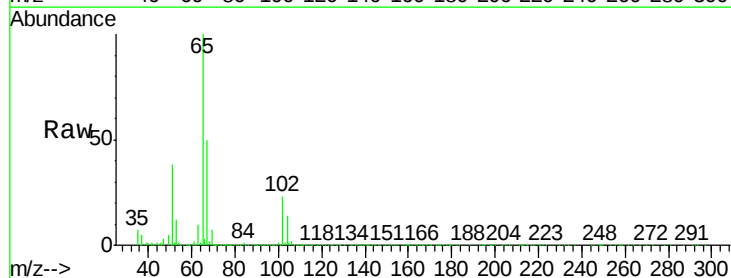
Tot Ion: 73 Resp: 9968
 Ion Ratio Lower Upper
 73 100
 43 19.2 17.7 26.5

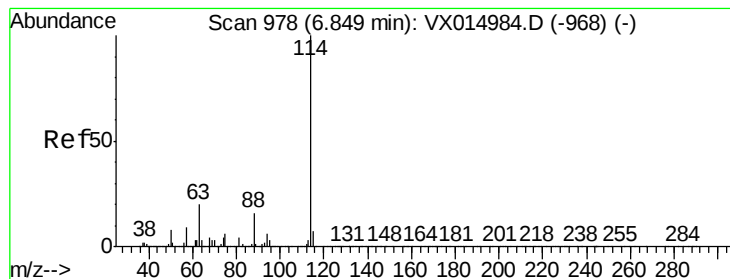


#27

1,2-Dichloroethane-d4
 Concen: 30.238 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015128.D
 Acq: 06 Mar 2020 15:40

Tgt Ion: 65 Resp: 129412
 Ion Ratio Lower Upper
 65 100
 67 52.8 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015128.D

Acq: 06 Mar 2020 15:40

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE-(MAR)

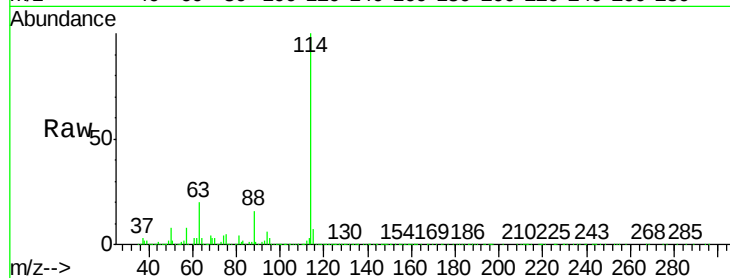
Tot Ion:114 Resp: 313816

Ion Ratio Lower Upper

114 100

63 20.2 15.6 23.4

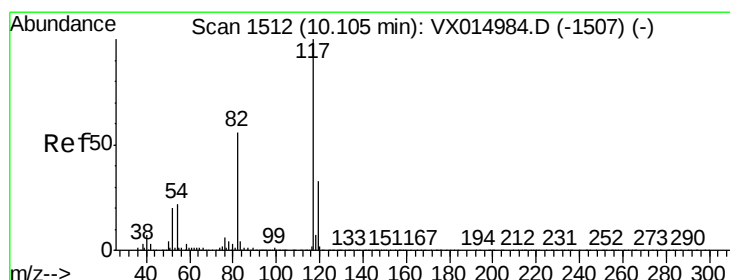
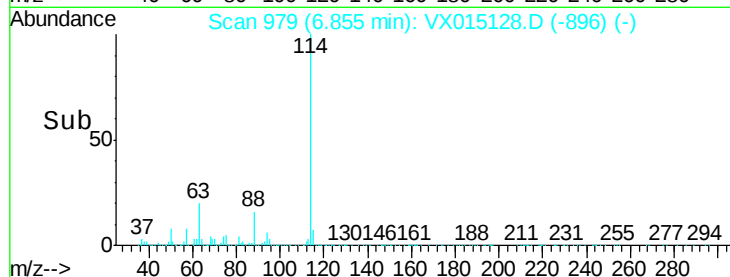
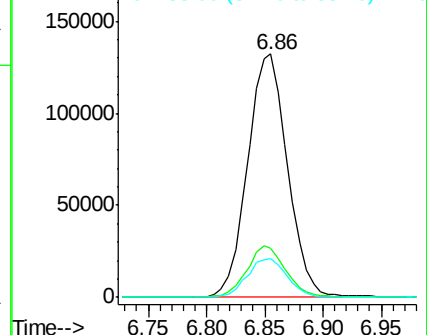
88 16.0 12.2 18.2



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# 1513

Delta R.T. 0.01 min

Lab File: VX015128.D

Acq: 06 Mar 2020 15:40

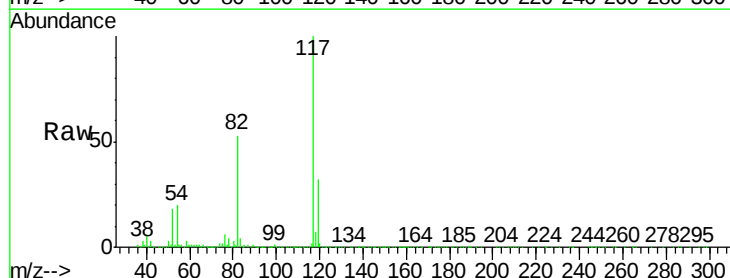
Tgt Ion:117 Resp: 289768

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.2

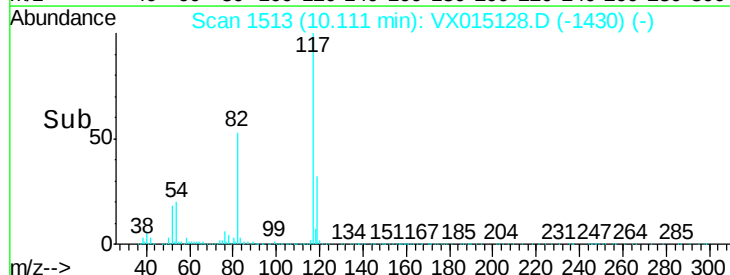
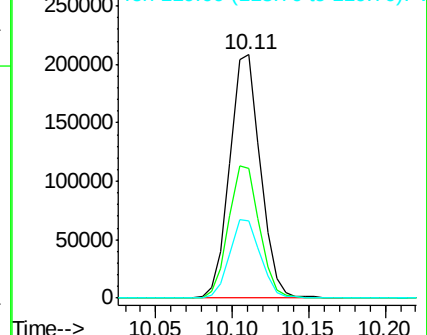
119 32.1 26.0 39.0

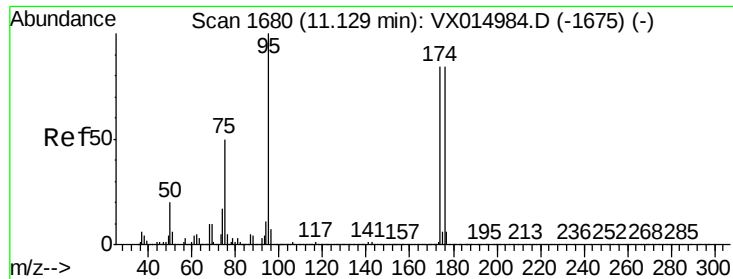


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

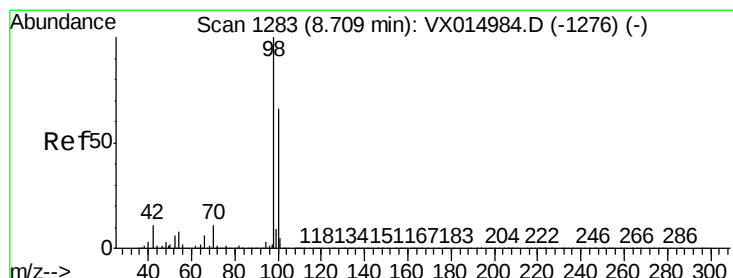
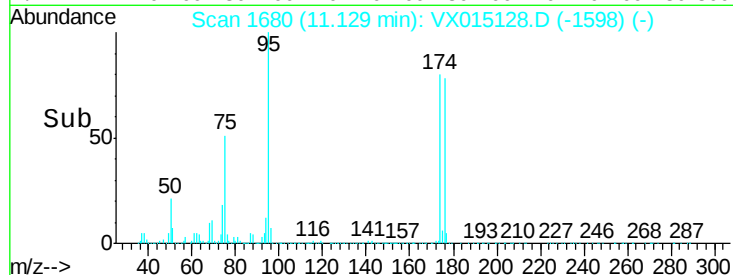
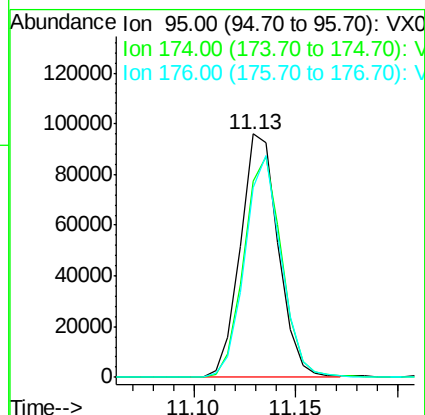
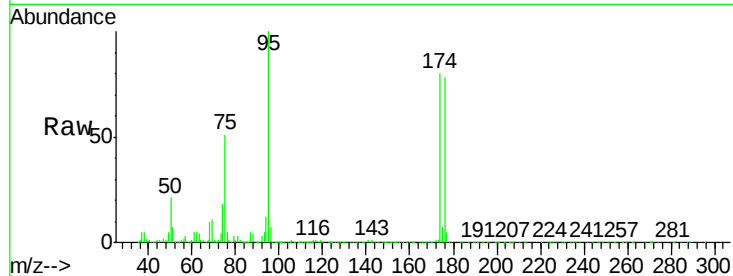




#60
4-Bromofluorobenzene
Concen: 27.300 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015128.D
Acq: 06 Mar 2020 15:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
95	100		
174	91.0	72.3	108.5
176	88.4	72.0	108.0



#63
Toluene-d8
Concen: 29.194 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015128.D
Acq: 06 Mar 2020 15:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.8	79.2

