

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015127.D
 Acq On : 06 Mar 2020 15:17
 Operator : JC/SP
 Sample : L1820-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD-(MAR)

Quant Time: Mar 07 01:19:21 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	60760	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	310422	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	286754	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	128343	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.13	95	123139	27.57	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.90%
63) Toluene-d8	8.71	98	372940	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

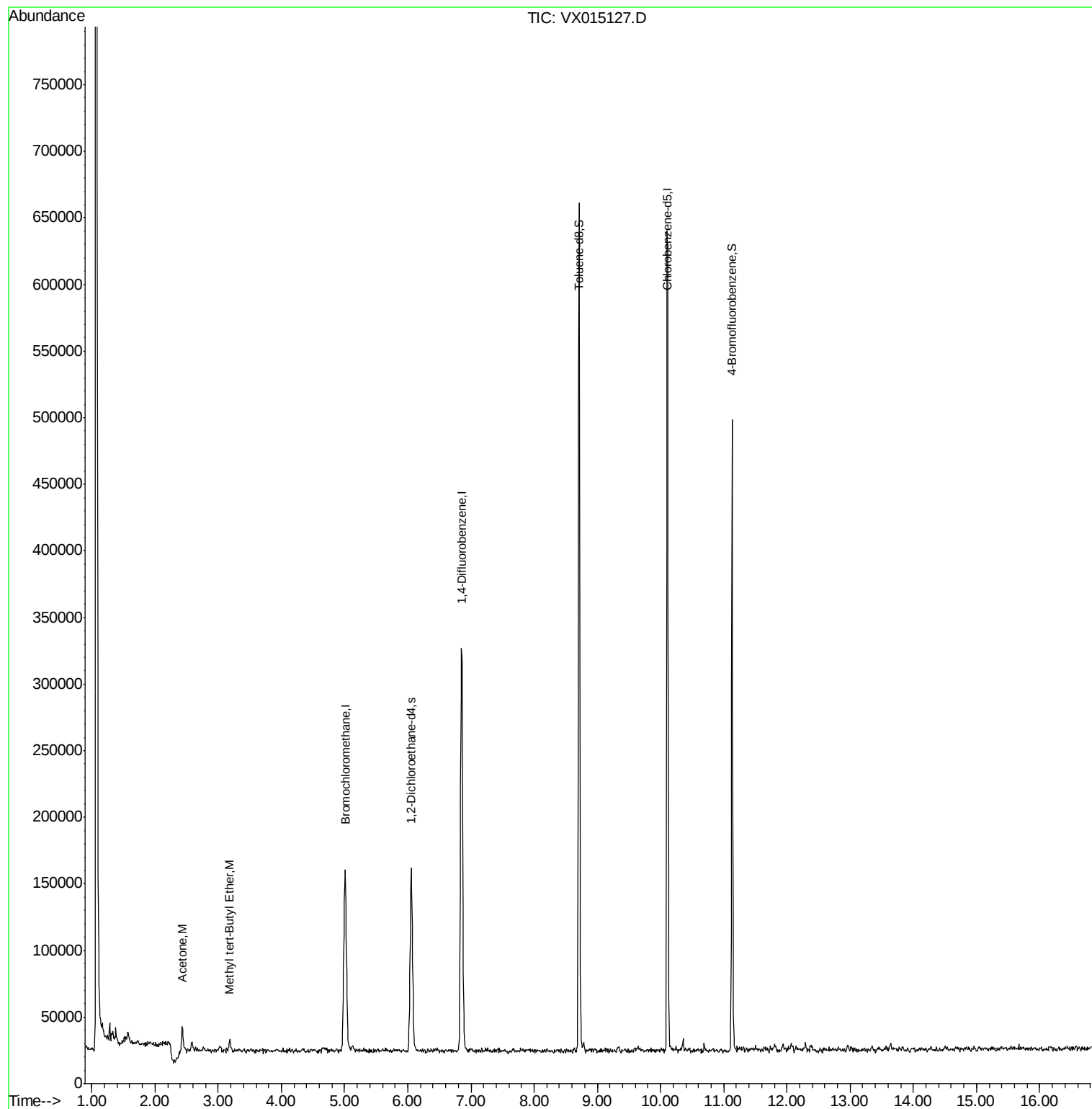
					Ovalue
15) Acetone	2.42	58	6657	10.363	ug/l 80
24) Methyl tert-Butyl Ether	3.19	73	8605	0.810	ug/l # 68

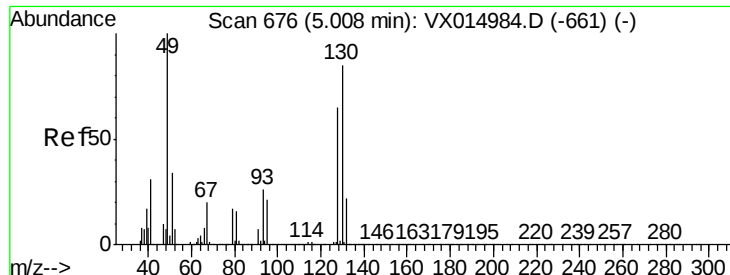
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015127.D

Acq: 06 Mar 2020 15:17

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD-(MAR)

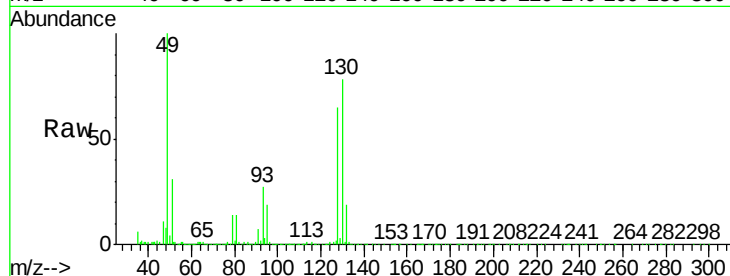
Tot Ion:128 Resp: 60760

Ion Ratio Lower Upper

128 100

49 160.7 0.0 384.7

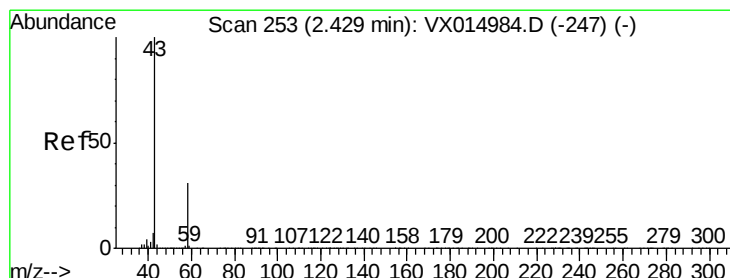
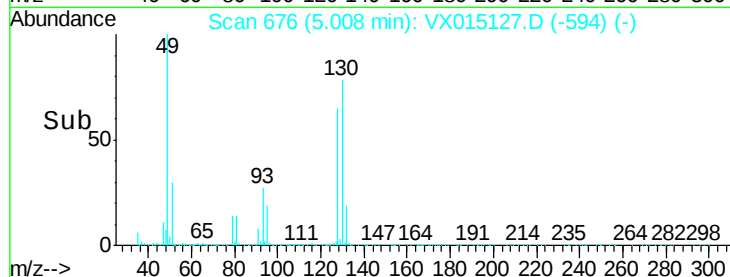
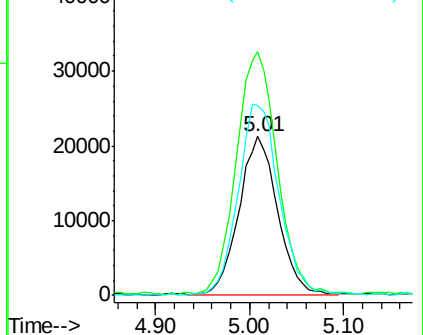
130 128.4 0.0 330.8



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: 10.363 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX015127.D

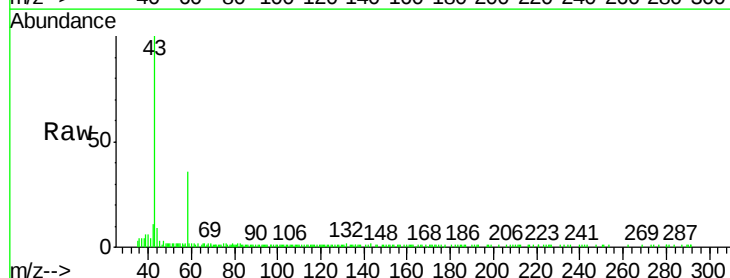
Acq: 06 Mar 2020 15:17

Tgt Ion: 58 Resp: 6657

Ion Ratio Lower Upper

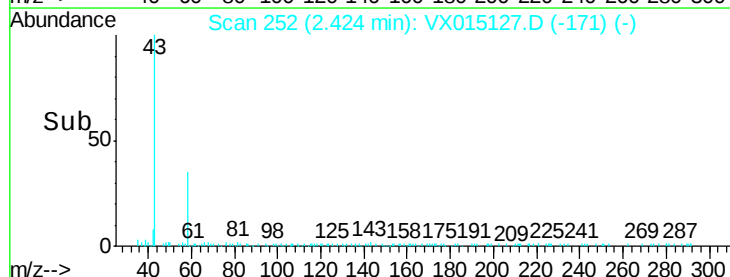
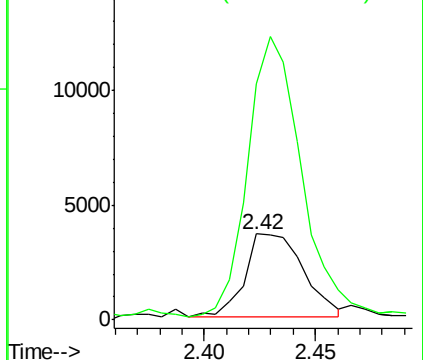
58 100

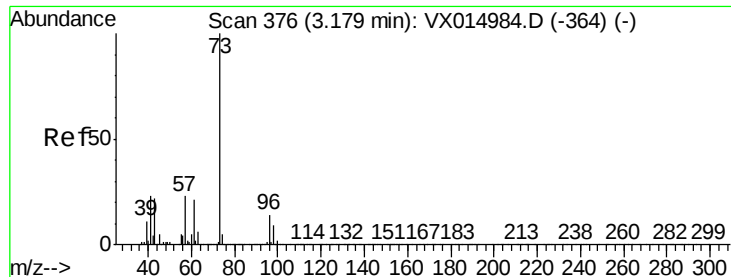
43 281.0 257.7 386.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



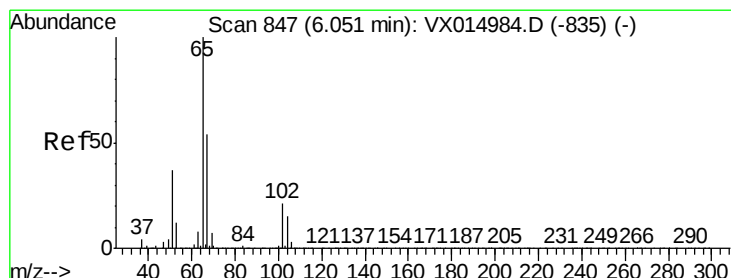
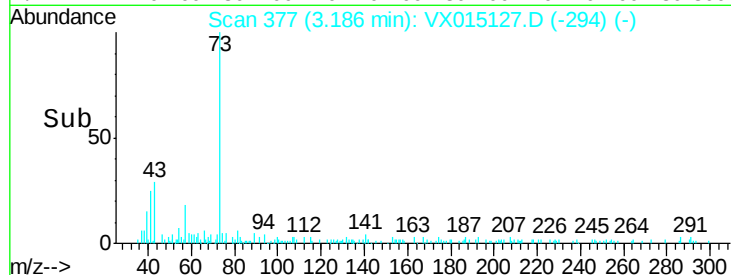
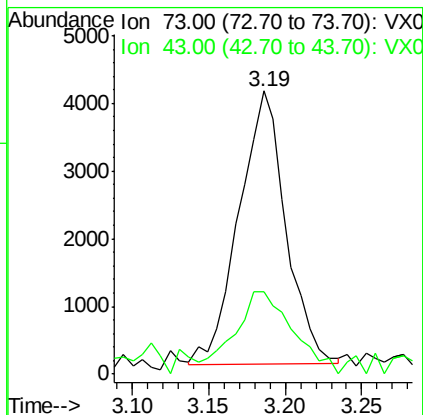
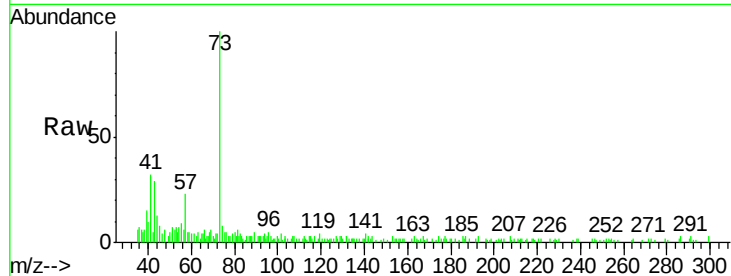


#24

Methyl tert-Butyl Ether
 Concen: 0.810 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: VX015127.D
 Acq: 06 Mar 2020 15:17

Instrument :
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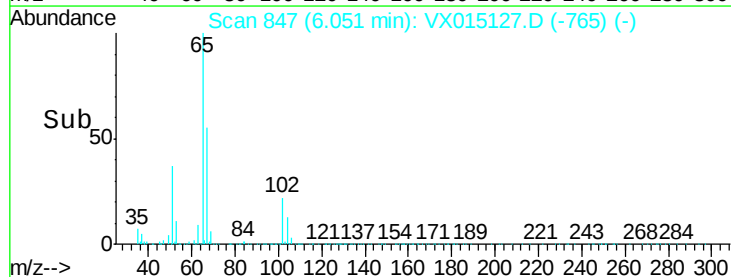
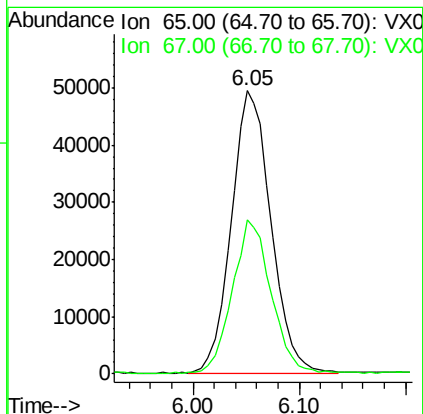
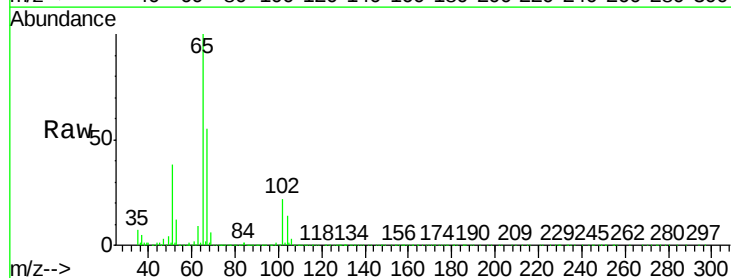
Tot Ion: 73 Resp: 8605
 Ion Ratio Lower Upper
 73 100
 43 37.5 17.7 26.5#

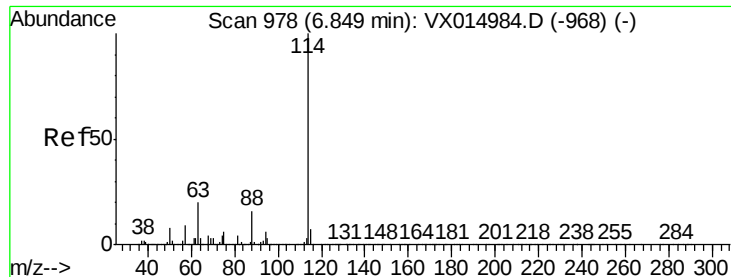


#27

1,2-Dichloroethane-d4
 Concen: 30.377 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015127.D
 Acq: 06 Mar 2020 15:17

Tgt Ion: 65 Resp: 128343
 Ion Ratio Lower Upper
 65 100
 67 52.8 41.9 62.9

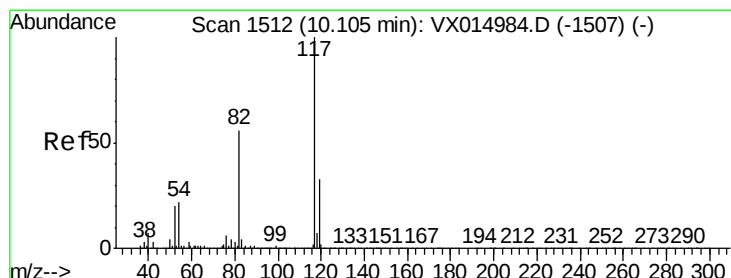
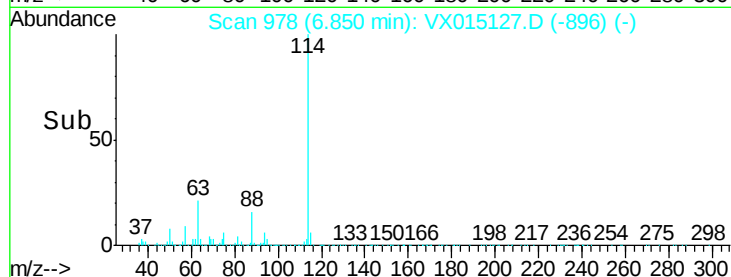
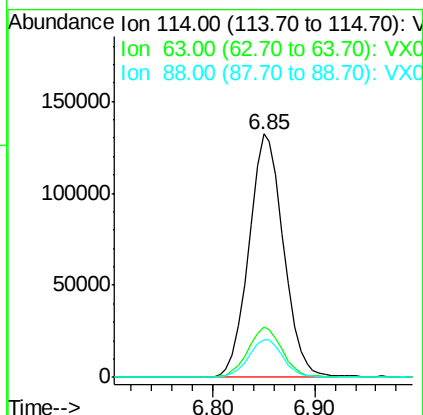
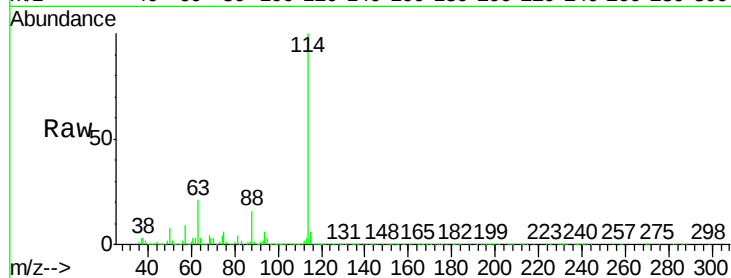




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015127.D
Acq: 06 Mar 2020 15:17

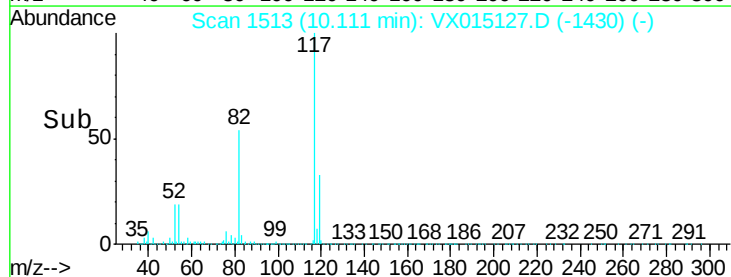
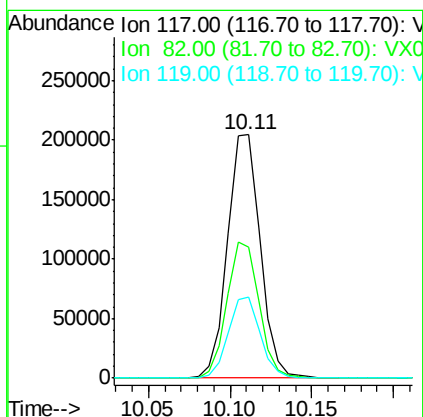
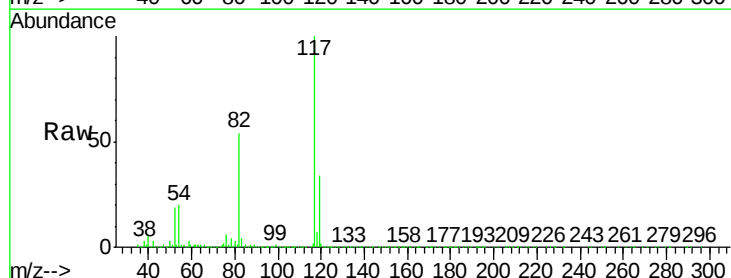
Instrument :
MSVOA_X
ClientSampleId :
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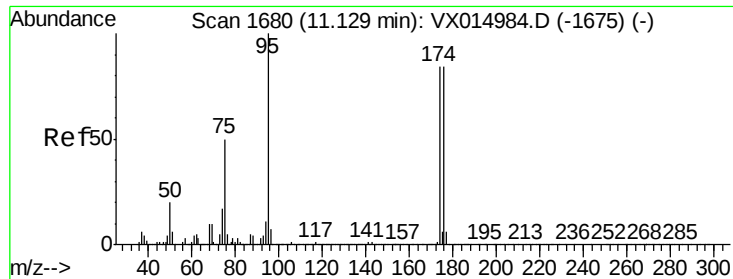
Tot Ion:114 Resp: 310422
Ion Ratio Lower Upper
114 100
63 20.5 15.6 23.4
88 15.7 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VX015127.D
Acq: 06 Mar 2020 15:17

Tgt Ion:117 Resp: 286754
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.2
119 32.2 26.0 39.0

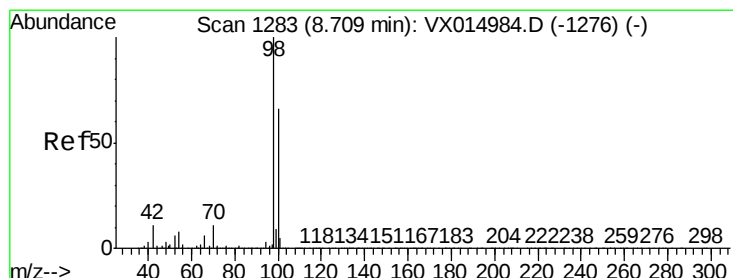
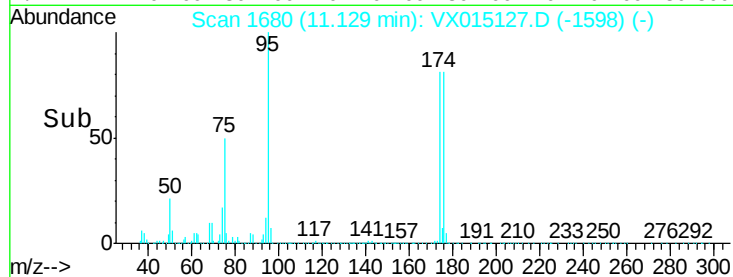
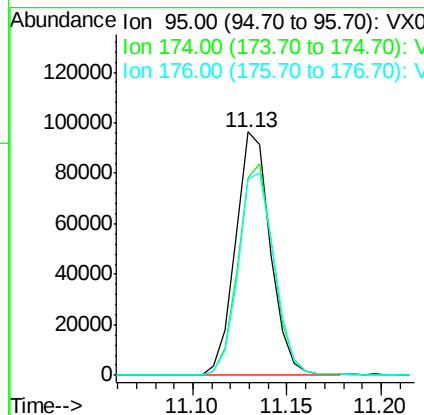
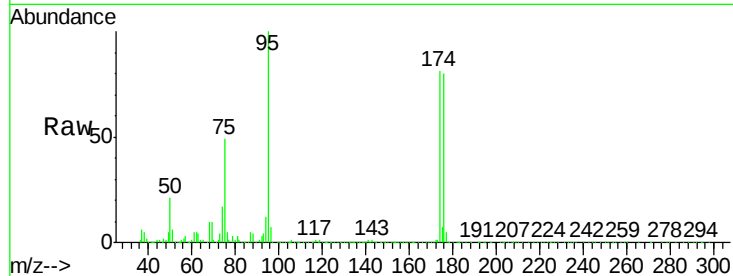




#60
4-Bromofluorobenzene
Concen: 27.571 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015127.D
Acq: 06 Mar 2020 15:17

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD-(MAR)

Tot Ion	Ratio	Lower	Upper
95	100		
174	88.4	72.3	108.5
176	87.0	72.0	108.0



#63
Toluene-d8
Concen: 29.824 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015127.D
Acq: 06 Mar 2020 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2

