

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008677.D
 Acq On : 05 Apr 2019 12:11
 Operator : JC/SP
 Sample : K2235-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002M-35TH-AVE(APR)

Quant Time: Apr 05 13:54:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	32063	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	183283	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	162272	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	79349	29.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.60%
60) 4-Bromofluorobenzene	11.13	95	82213	29.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.93%
63) Toluene-d8	8.71	98	228255	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

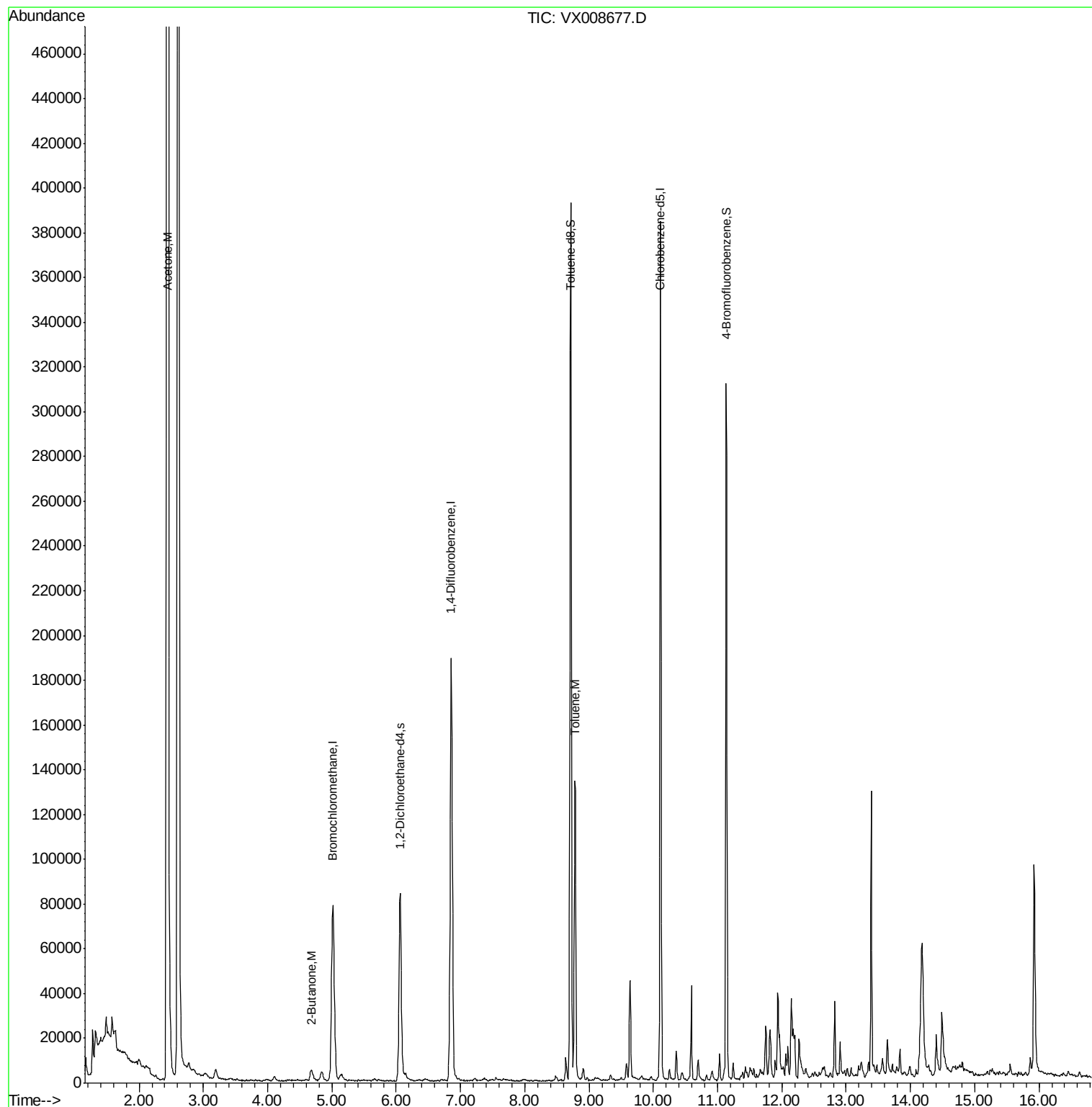
					Qvalue	
15) Acetone	2.44	58	471020	1003.926	ug/l	93
30) 2-Butanone	4.68	43	8929	3.938	ug/l #	90
62) Toluene	8.78	91	86226	8.776	ug/l	98

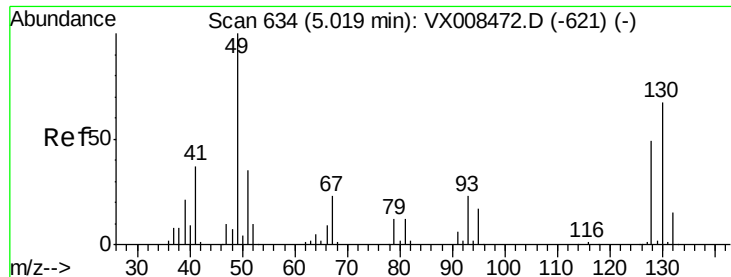
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008677.D

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Instrument :

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ClientSampleId :

002M-35TH-AVE(APR)

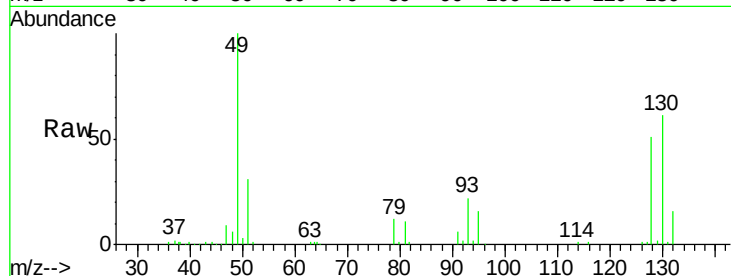
Tgt Ion:128 Resp: 32063

Ion Ratio Lower Upper

128 100

49 204.5 0.0 350.8

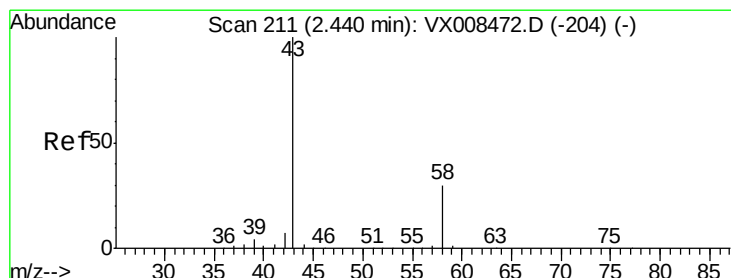
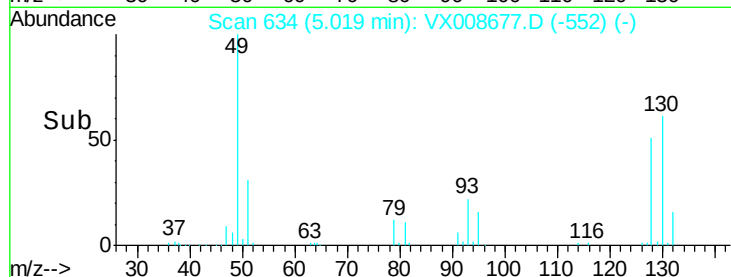
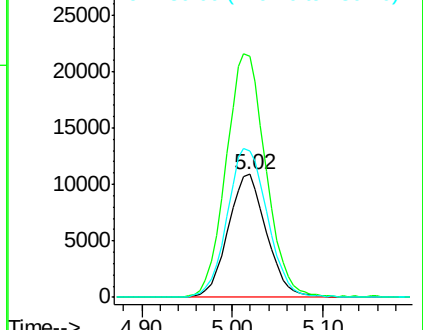
130 126.5 0.0 325.8



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: 1003.926 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008677.D

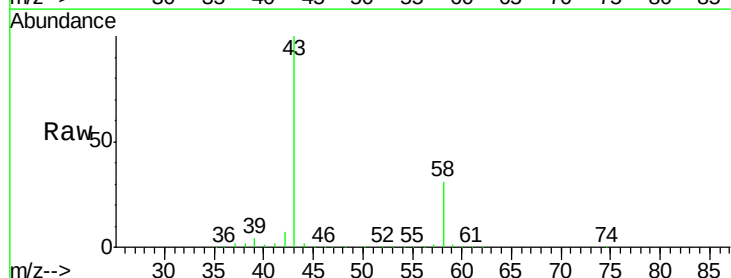
Acq: 05 Apr 2019 12:11

Tgt Ion: 58 Resp: 471020

Ion Ratio Lower Upper

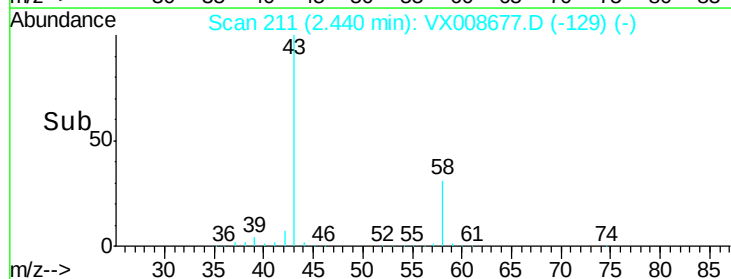
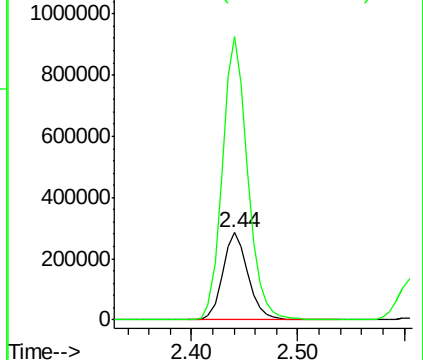
58 100

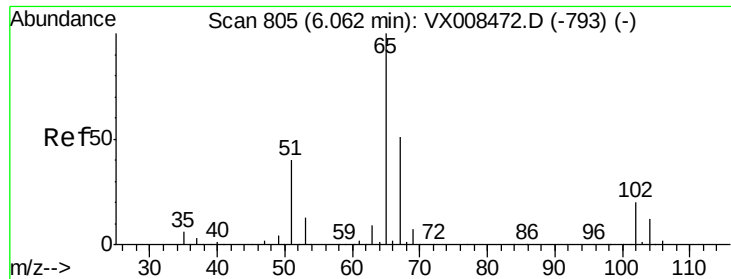
43 325.4 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

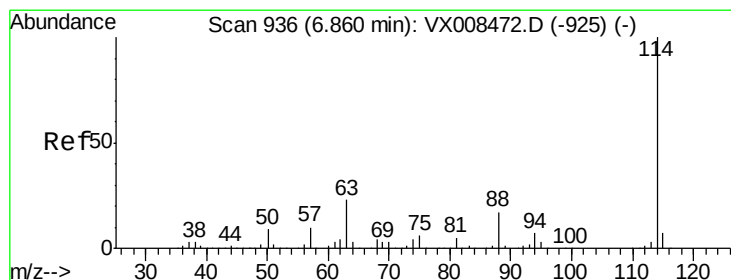
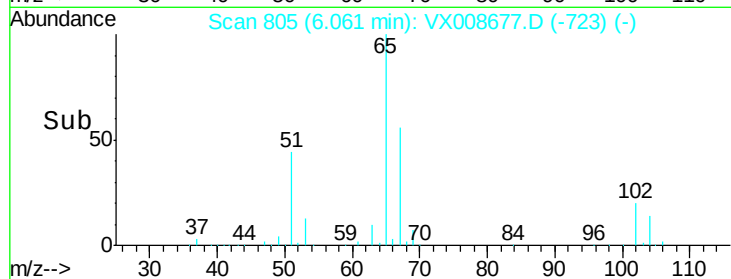
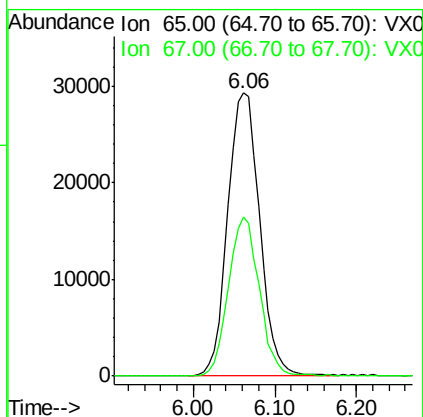
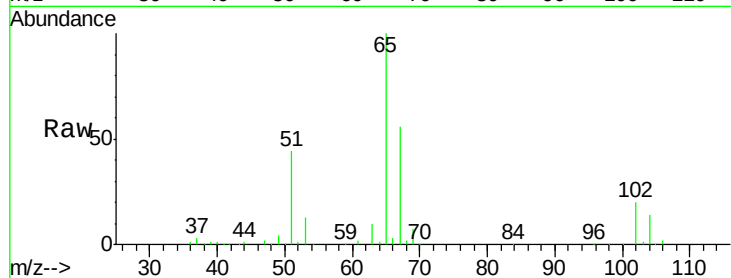




#27
 1,2-Dichloroethane-d4
 Concen: 29.583 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008677.D
 Acq: 05 Apr 2019 12:11

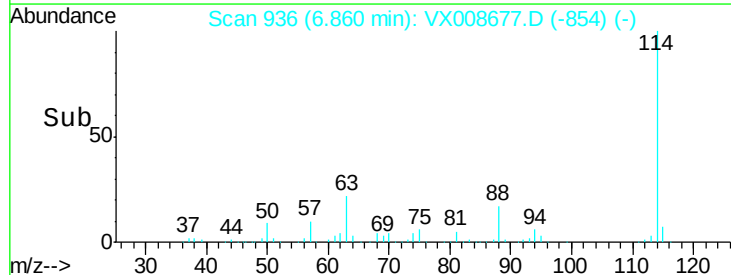
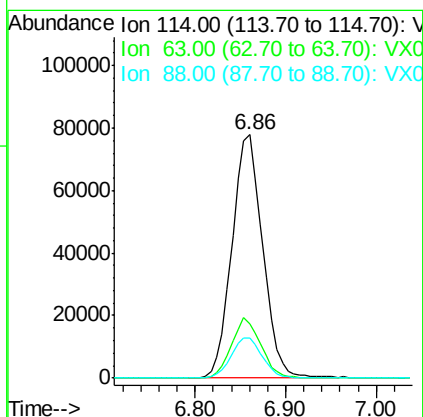
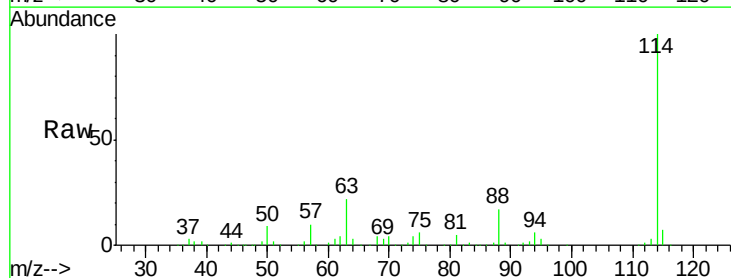
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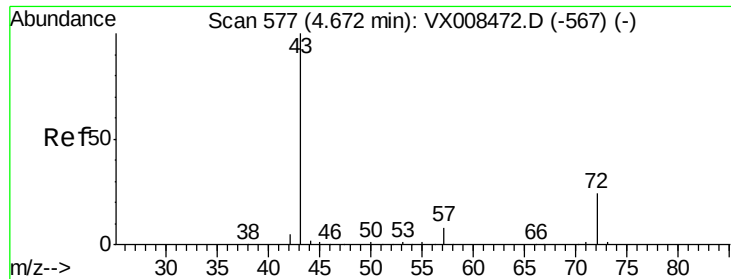
Tgt Ion: 65 Resp: 79349
 Ion Ratio Lower Upper
 65 100
 67 54.3 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008677.D
 Acq: 05 Apr 2019 12:11

Tgt Ion: 114 Resp: 183283
 Ion Ratio Lower Upper
 114 100
 63 23.9 14.2 21.4#
 88 16.8 11.9 17.9

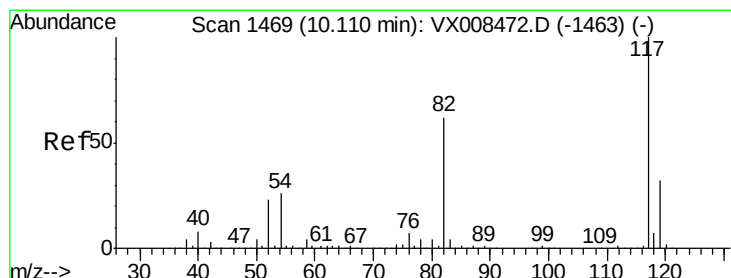
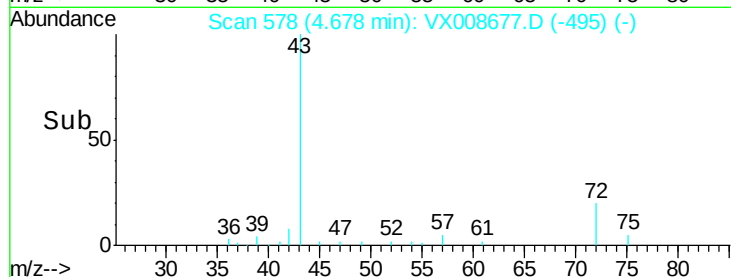
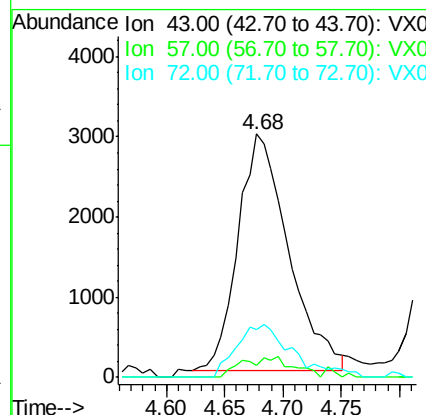
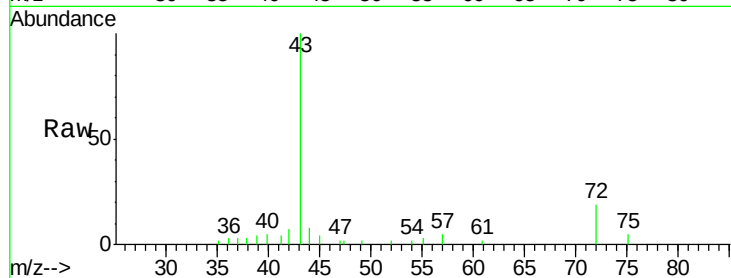




#30
2-Butanone
Concen: 3.938 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX008677.D
Acq: 05 Apr 2019 12:11

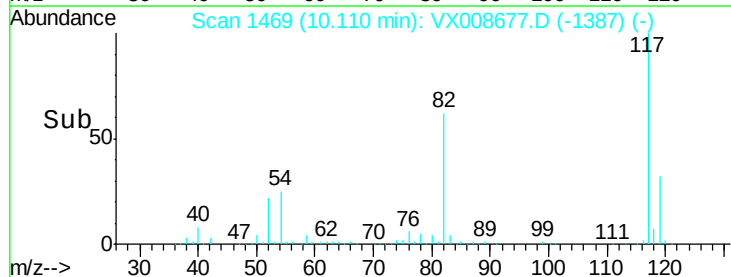
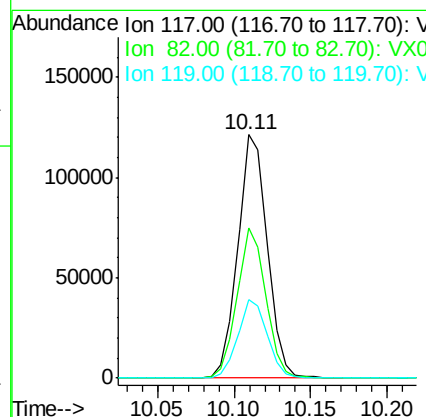
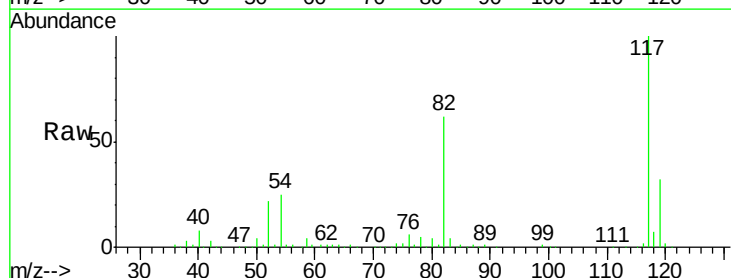
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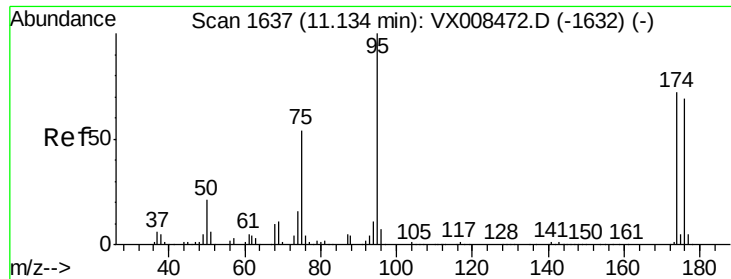
Tgt Ion: 43 Resp: 8929
Ion Ratio Lower Upper
43 100
57 5.3 7.0 10.6#
72 21.8 21.5 32.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008677.D
Acq: 05 Apr 2019 12:11

Tgt Ion: 117 Resp: 162272
Ion Ratio Lower Upper
117 100
82 60.0 40.4 60.6
119 31.9 25.8 38.6

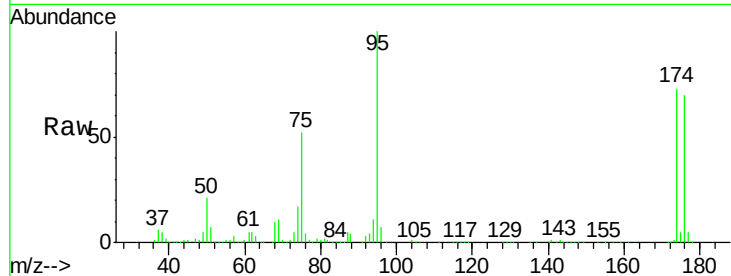




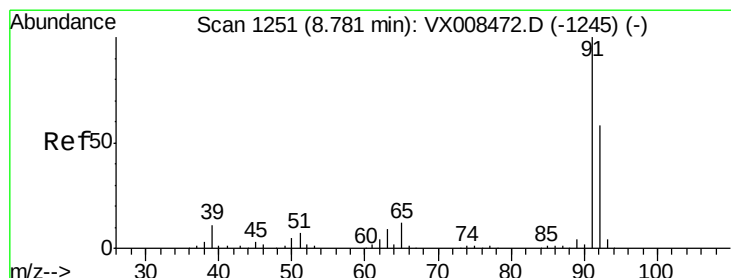
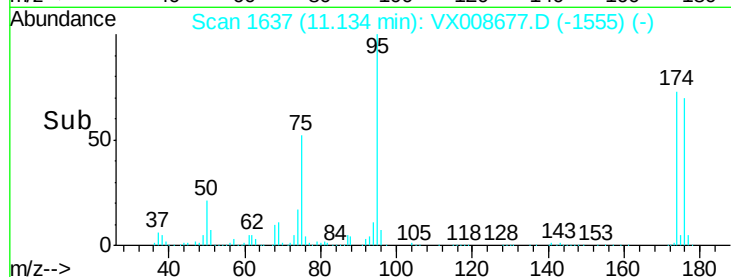
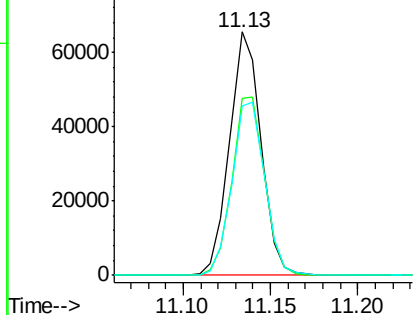
#60
4-Bromofluorobenzene
Concen: 29.078 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008677.D
Acq: 05 Apr 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
002M-35TH-AVE(APR)

Tgt Ion: 95 Resp: 82213
Ion Ratio Lower Upper
95 100
174 75.9 74.9 112.3
176 74.3 70.7 106.1

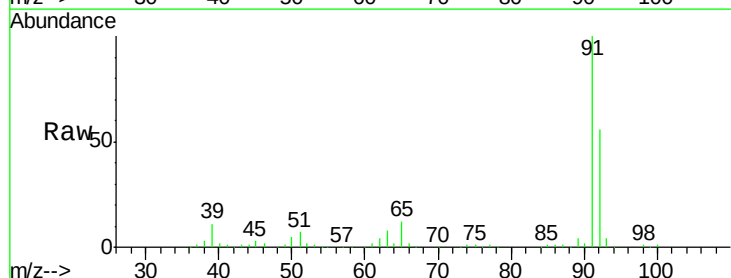


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): VX0
Ion 176.00 (175.70 to 176.70): VX0

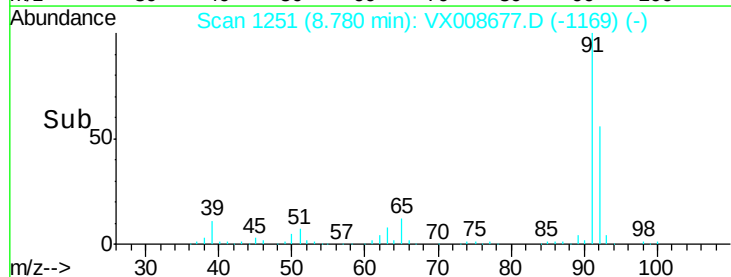
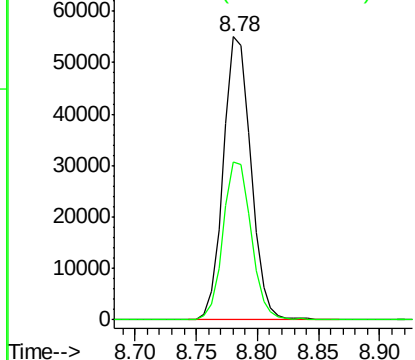


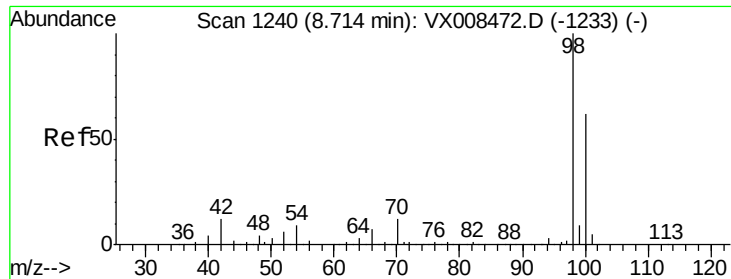
#62
Toluene
Concen: 8.776 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX008677.D
Acq: 05 Apr 2019 12:11

Tgt Ion: 91 Resp: 86226
Ion Ratio Lower Upper
91 100
92 56.8 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63
 Toluene-d8
 Concen: 29.633 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008677.D
 Acq: 05 Apr 2019 12:11

Instrument :
 MSVOA_X
 ClientSampleId :
 002M-35TH-AVE(APR)

Tgt Ion: 98 Resp: 228255
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3

