

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093019\
 Data File : VX012709.D
 Acq On : 30 Sep 2019 16:43
 Operator : JC/SP
 Sample : K5081-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123I1-20190926

Quant Time: Oct 01 04:36:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

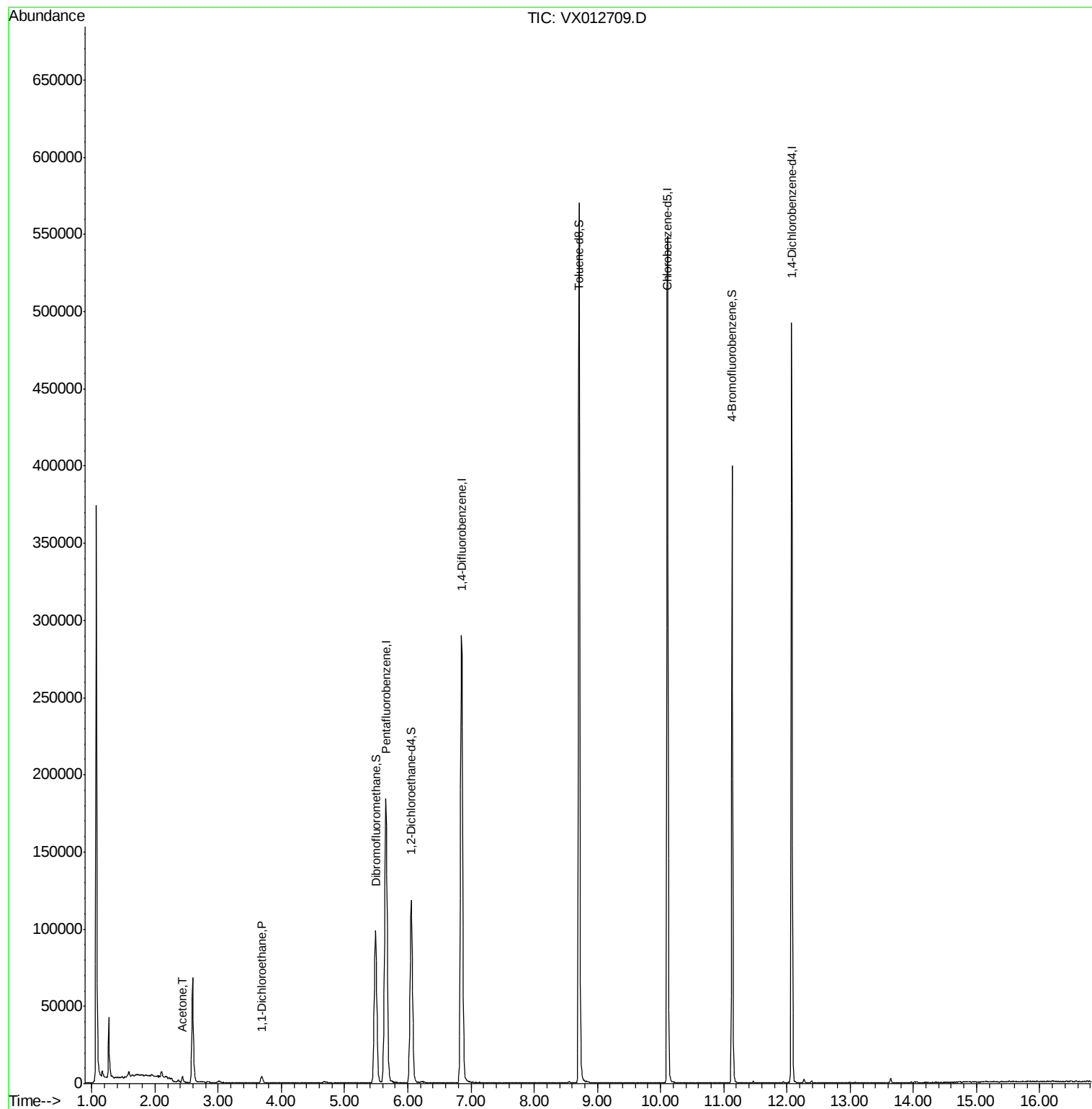
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115694	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.49	113	85155	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	336166	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	115312	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
16) Acetone	2.44	43	4068	3.188	ug/l	92
24) 1,1-Dichloroethane	3.69	63	4753	1.282	ug/l #	95

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

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QLast Update : Mon Sep 23 12:27:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

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Acq: 30 Sep 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

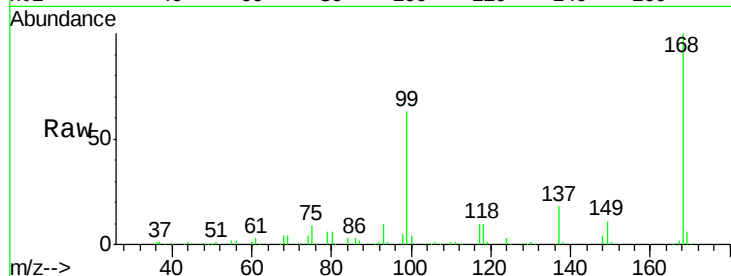
SA-PZ12311-20190926

Tot Ion:168 Resp: 165460

Ion Ratio Lower Upper

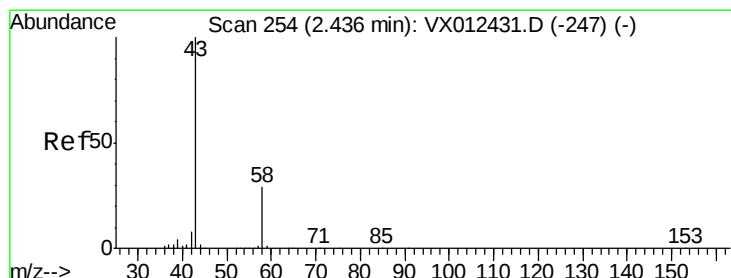
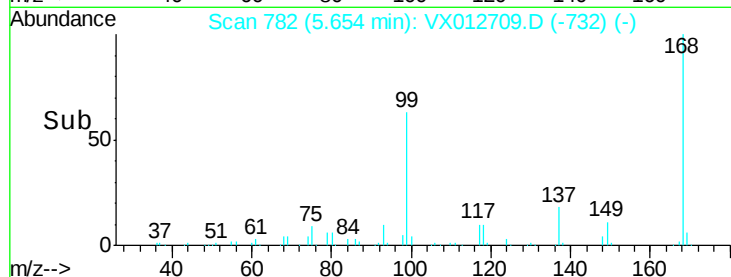
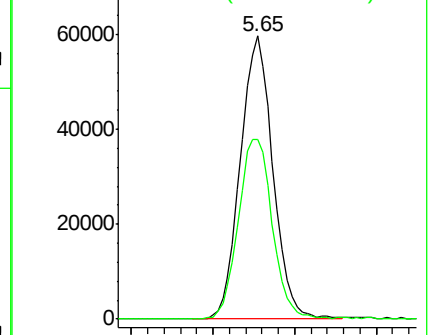
168 100

99 63.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.188 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012709.D

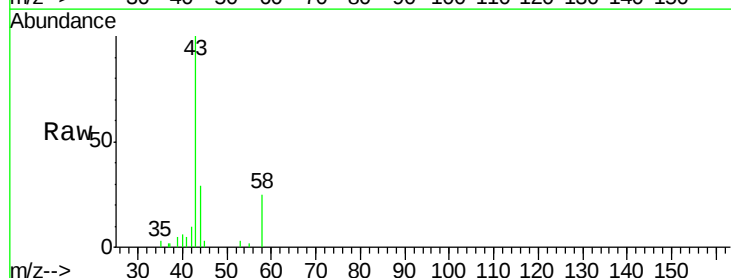
Acq: 30 Sep 2019 16:43

Tgt Ion: 43 Resp: 4068

Ion Ratio Lower Upper

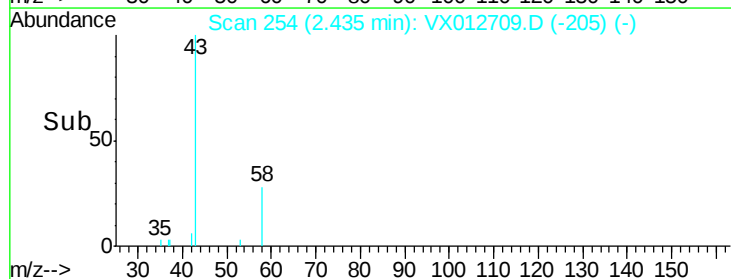
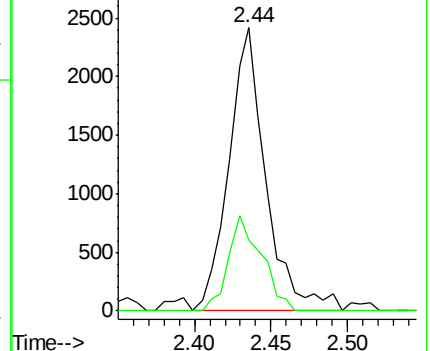
43 100

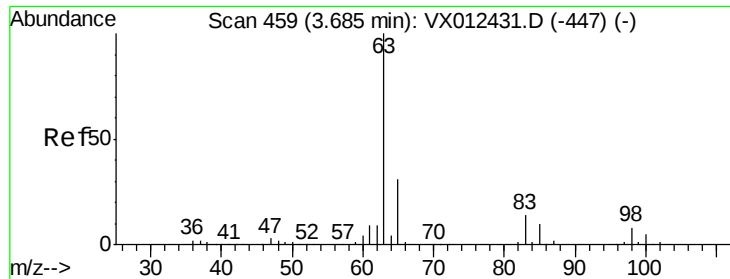
58 25.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 1.282 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012709.D

Acq: 30 Sep 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ12311-20190926

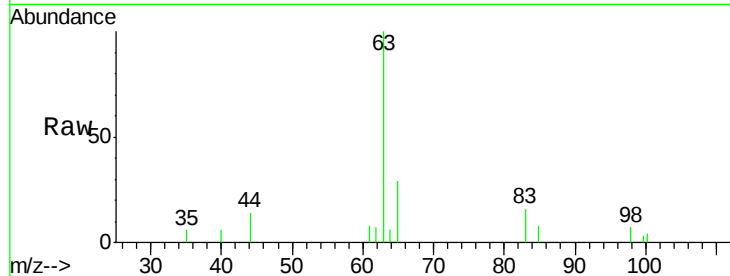
Tot Ion: 63 Resp: 4753

Ion Ratio Lower Upper

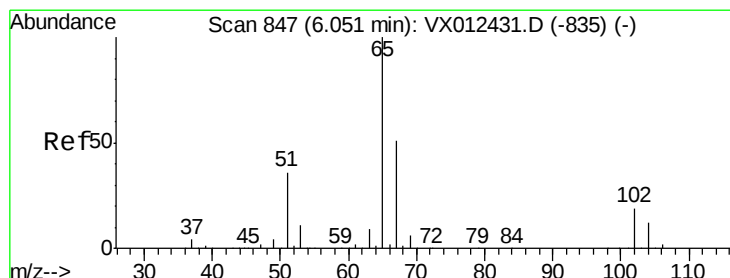
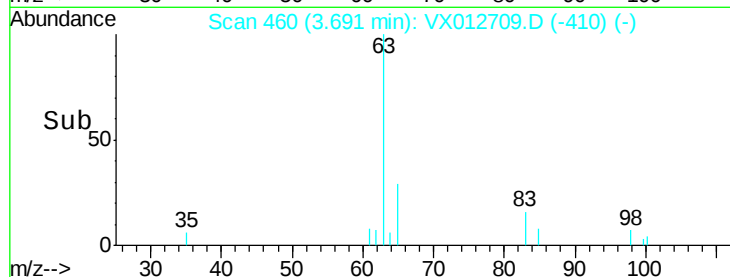
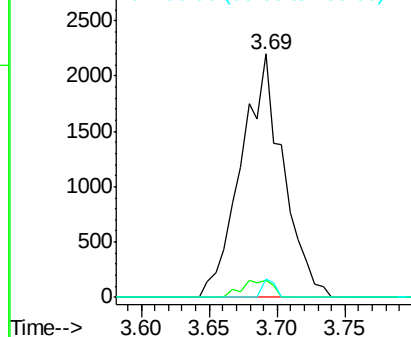
63 100

98 7.0 3.9 11.7

100 7.3 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.017 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012709.D

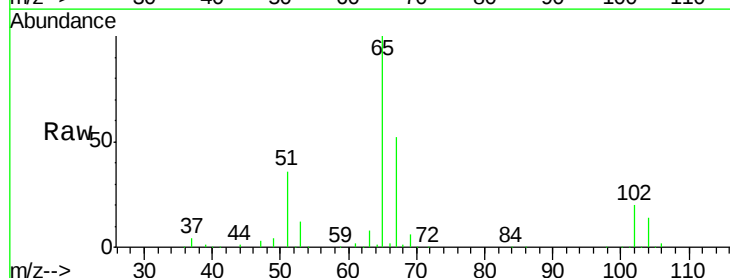
Acq: 30 Sep 2019 16:43

Tgt Ion: 65 Resp: 115694

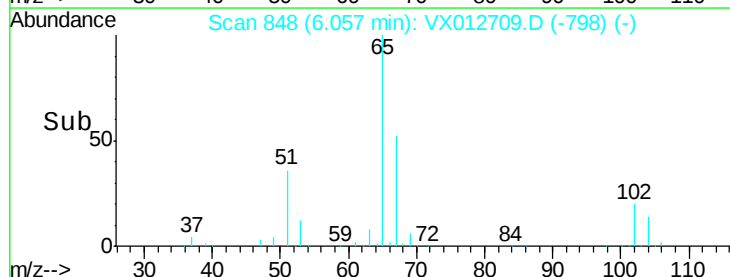
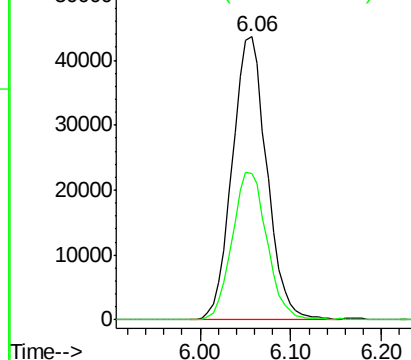
Ion Ratio Lower Upper

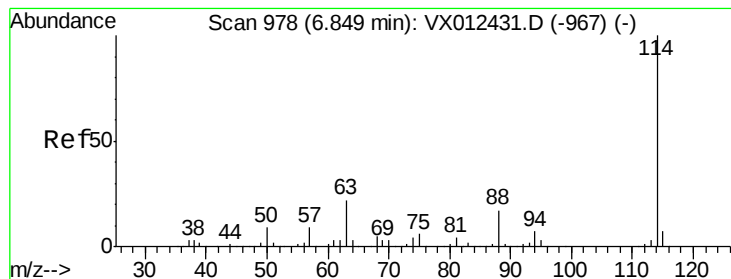
65 100

67 52.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012709.D

Acq: 30 Sep 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ12311-20190926

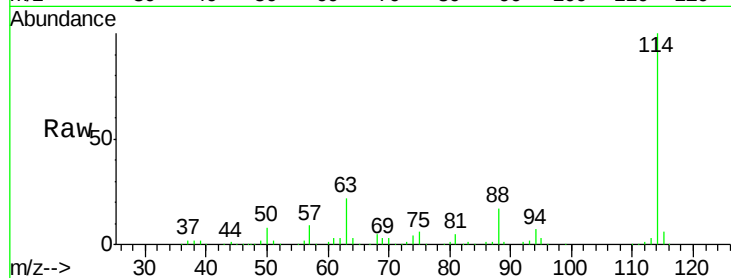
Tot Ion:114 Resp: 286417

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

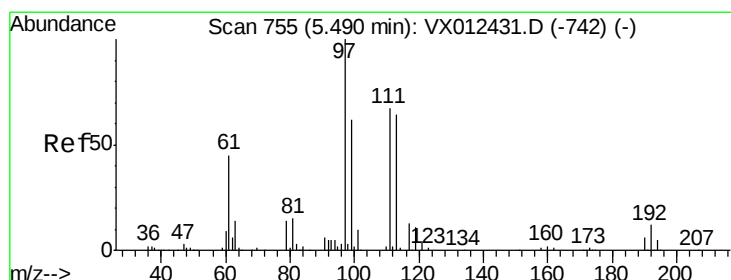
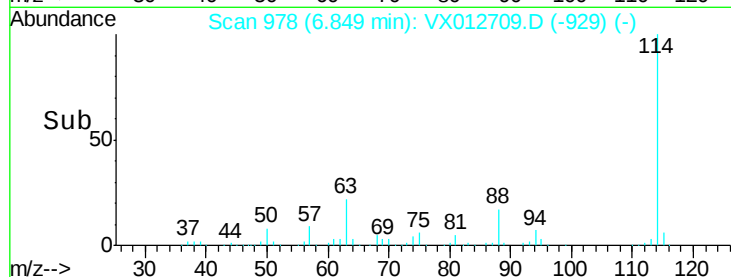
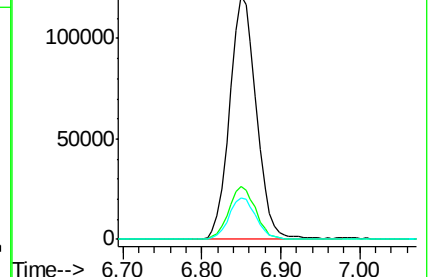
88 17.0 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.923 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012709.D

Acq: 30 Sep 2019 16:43

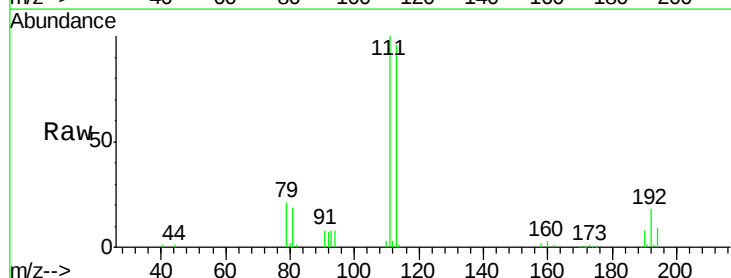
Tgt Ion:113 Resp: 85155

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

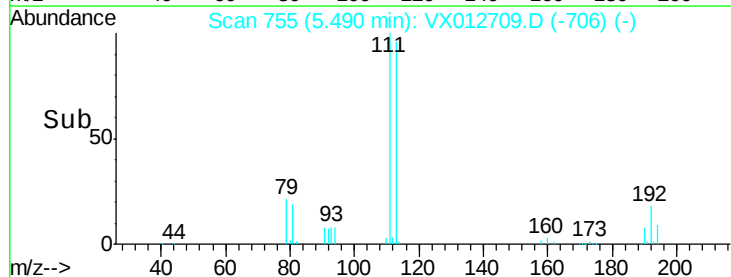
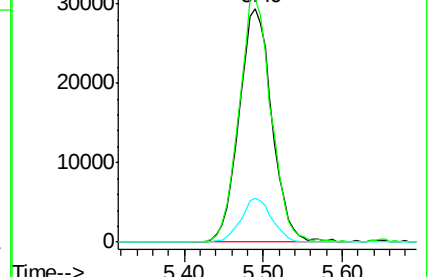
192 17.8 14.4 21.6

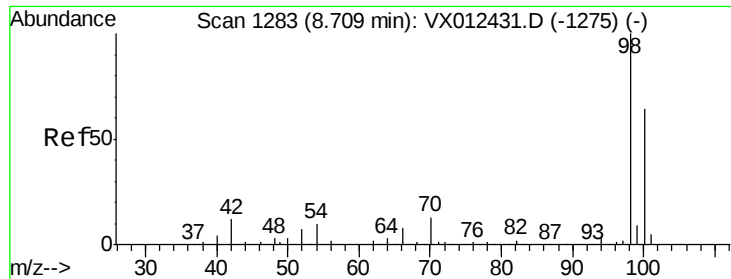


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

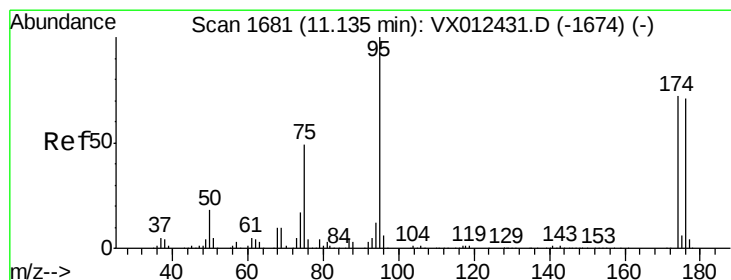
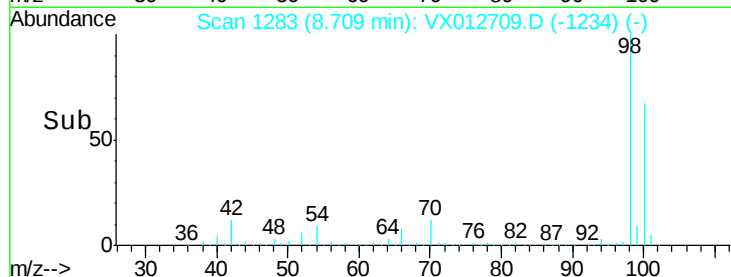
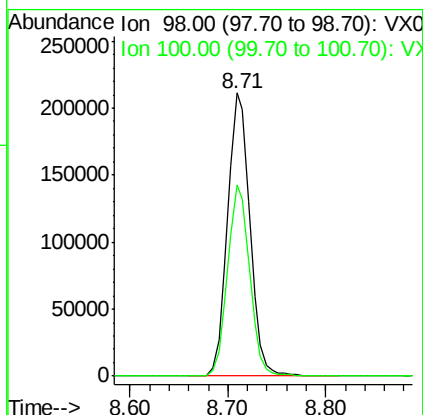
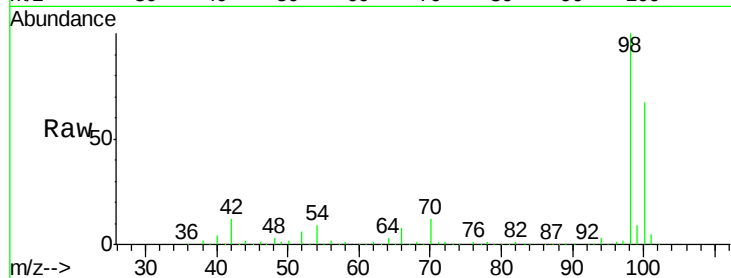




#50
Toluene-d8
Concen: 51.175 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012709.D
Acq: 30 Sep 2019 16:43

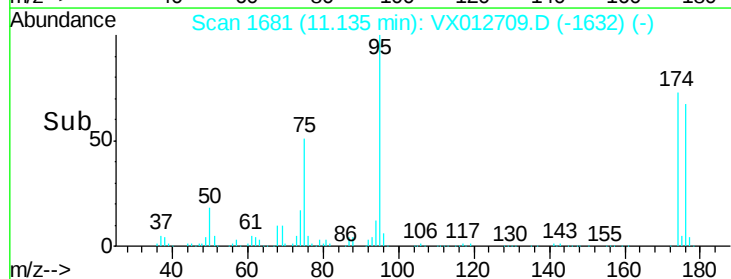
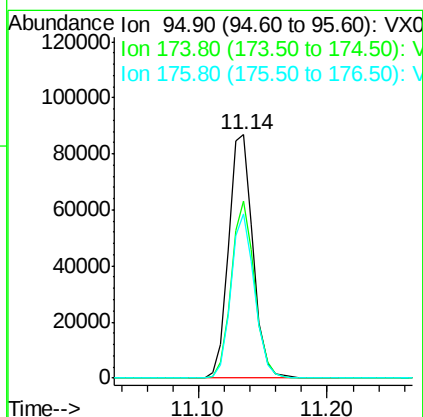
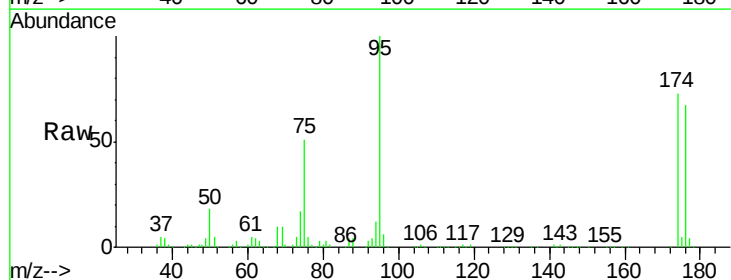
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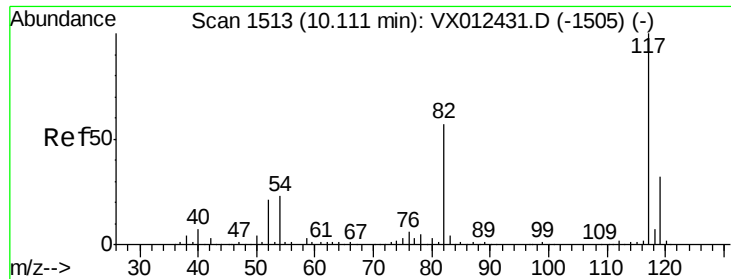
Tot Ion: 98 Resp: 336166
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.644 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012709.D
Acq: 30 Sep 2019 16:43

Tgt Ion: 95 Resp: 115312
Ion Ratio Lower Upper
95 100
174 69.5 0.0 140.0
176 65.0 0.0 135.4

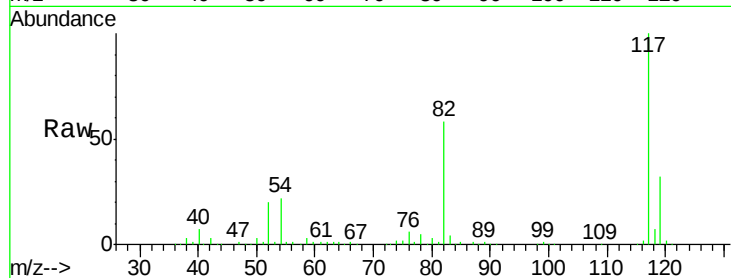




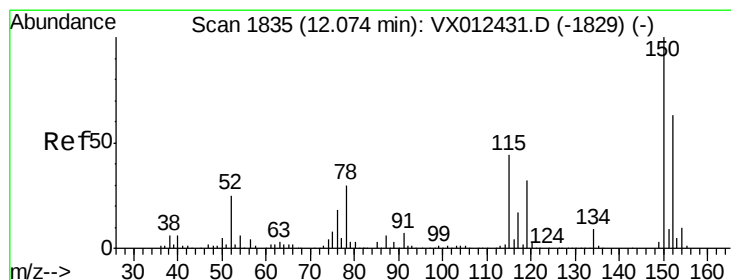
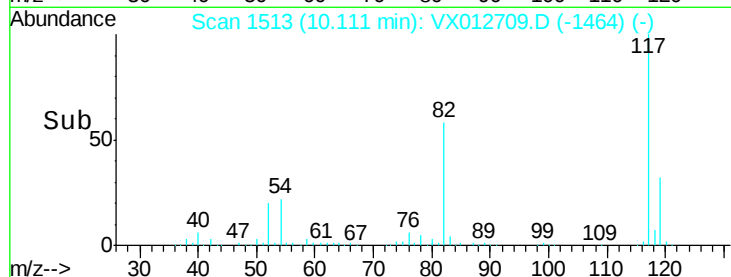
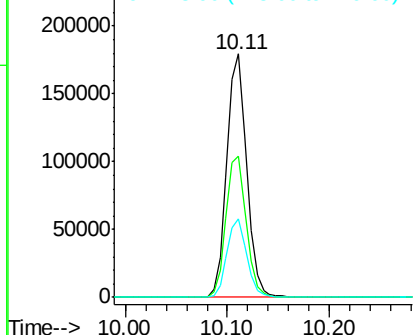
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012709.D
Acq: 30 Sep 2019 16:43

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ12311-20190926

Tot Ion:117 Resp: 242402
Ion Ratio Lower Upper
117 100
82 57.8 45.9 68.9
119 32.2 25.3 37.9

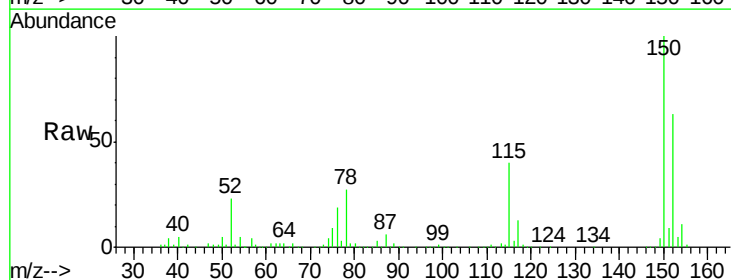


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012709.D
Acq: 30 Sep 2019 16:43

Tgt Ion:152 Resp: 92934
Ion Ratio Lower Upper
152 100
115 63.9 44.1 132.3
150 157.5 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

