

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014214.D
 Acq On : 23 Dec 2019 19:52
 Operator : JC/SP
 Sample : K6387-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Dec 24 08:08:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

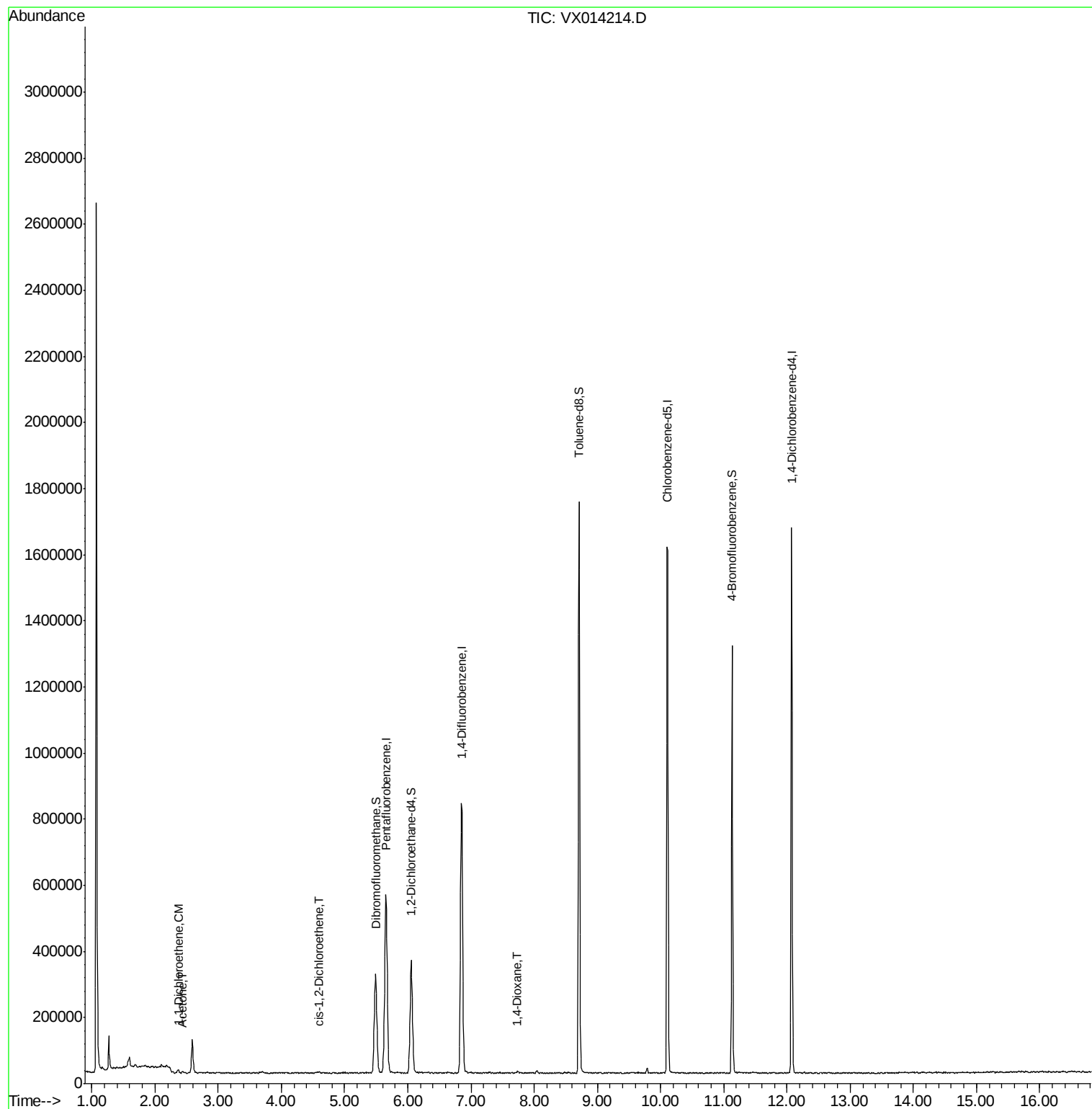
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	559463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	348558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	312065	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
35) Dibromofluoromethane	5.49	113	260105	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	1012620	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.13	95	350086	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	3111	0.578	ug/l #	90
16) Acetone	2.44	43	5964	1.449	ug/l #	88
27) cis-1,2-Dichloroethene	4.59	96	3650	0.544	ug/l	72
49) 1,4-Dioxane	7.74	88	3546	24.665	ug/l #	91

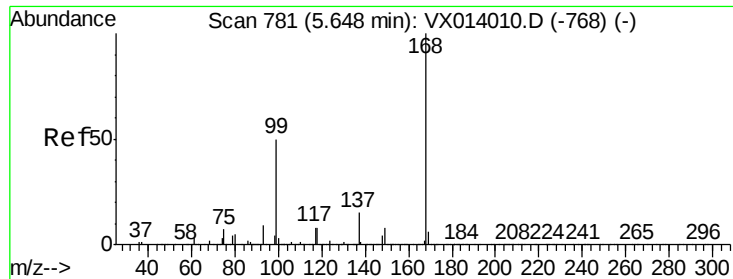
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

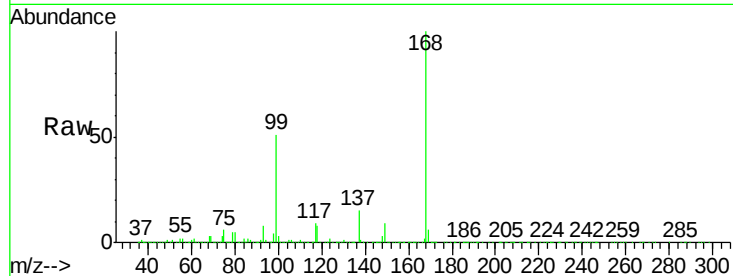
DUP-1

Tot Ion:168 Resp: 559463

Ion Ratio Lower Upper

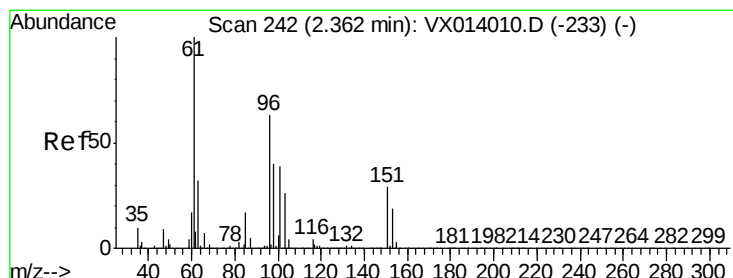
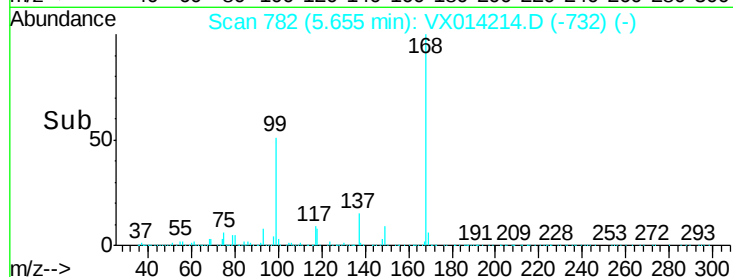
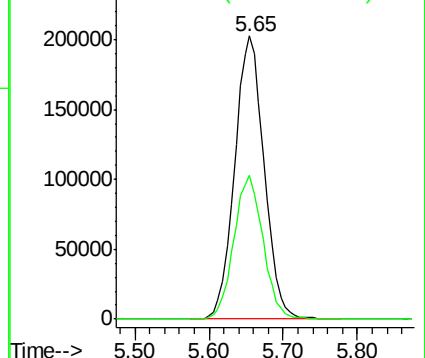
168 100

99 50.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.578 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

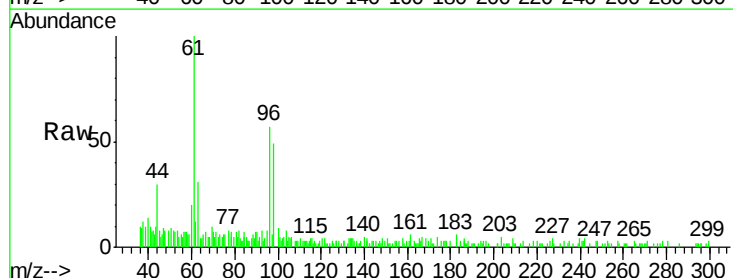
Tgt Ion: 96 Resp: 3111

Ion Ratio Lower Upper

96 100

61 168.3 127.9 191.9

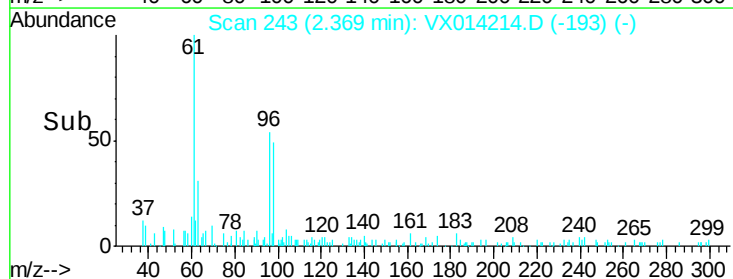
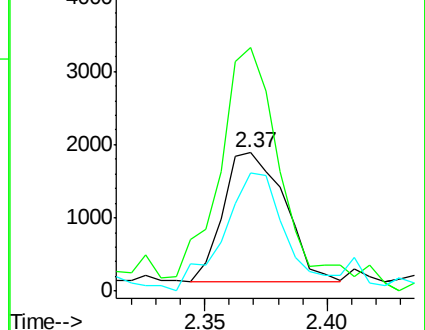
98 79.3 50.5 75.7#

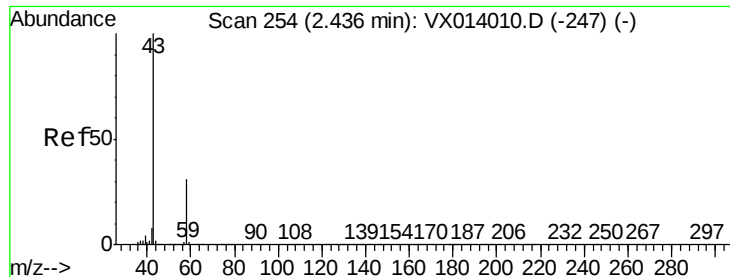


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 1.449 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

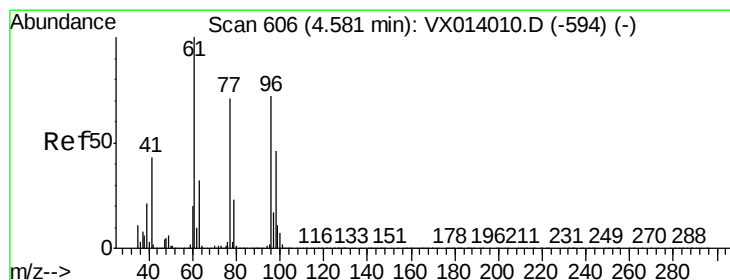
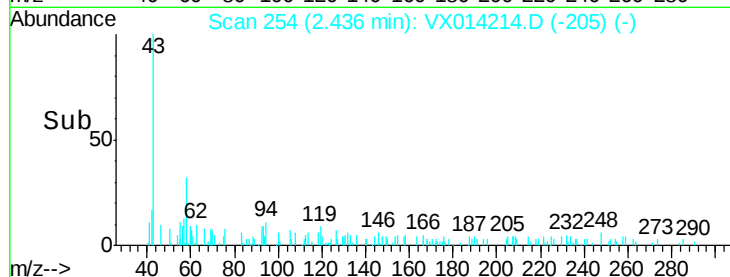
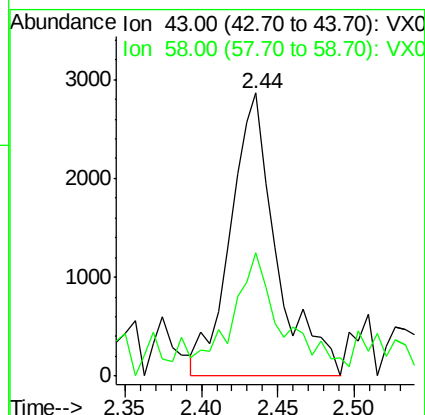
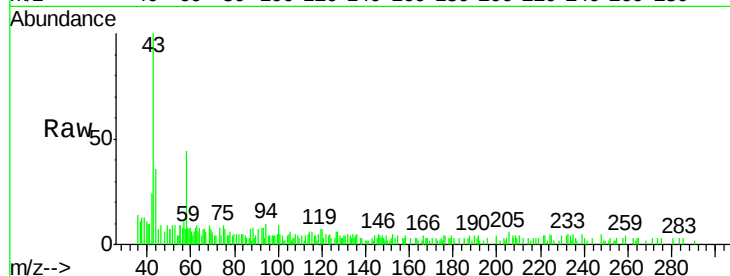
DUP-1

Tot Ion: 43 Resp: 5964

Ion Ratio Lower Upper

43 100

58 37.5 24.9 37.3#



#27

cis-1,2-Dichloroethene

Concen: 0.544 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

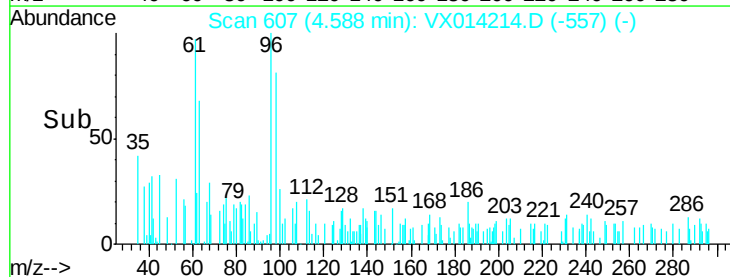
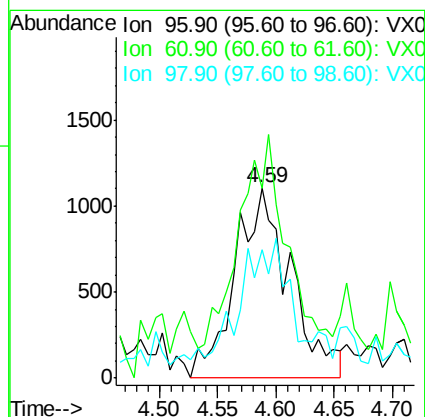
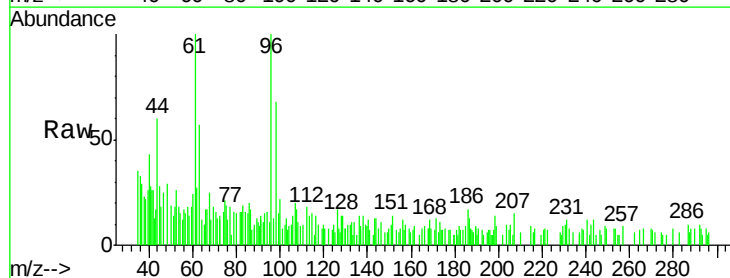
Tgt Ion: 96 Resp: 3650

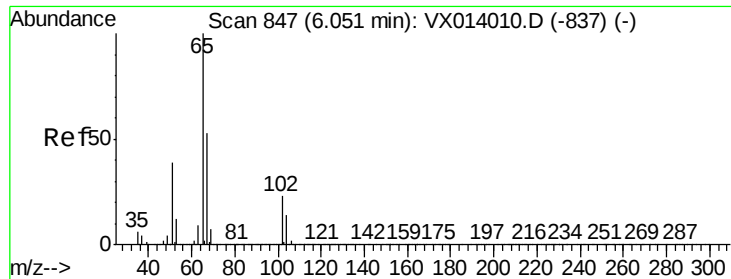
Ion Ratio Lower Upper

96 100

61 98.0 0.0 288.4

98 58.1 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 49.216 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

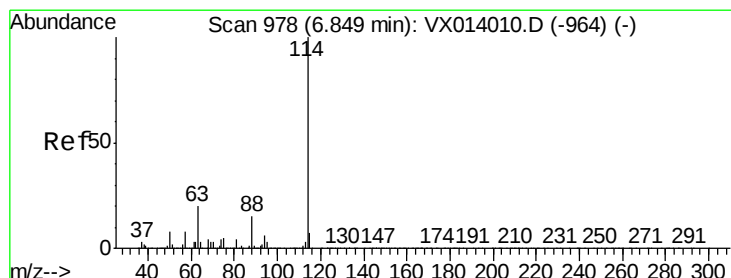
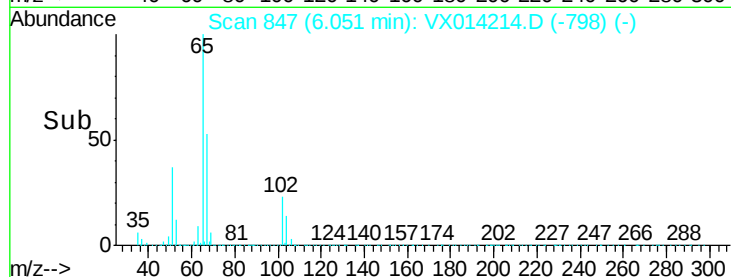
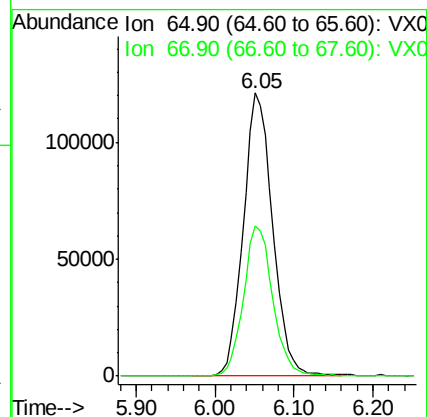
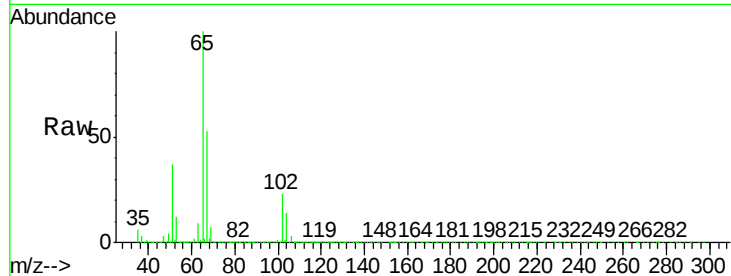
DUP-1

Tot Ion: 65 Resp: 312065

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

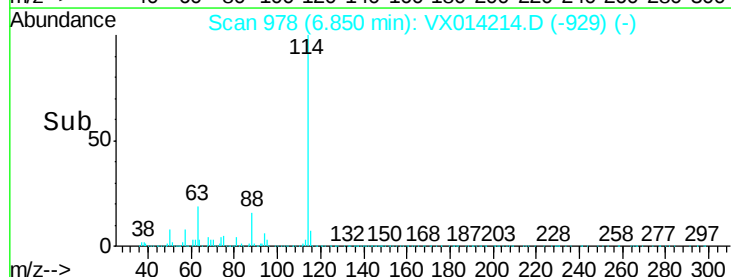
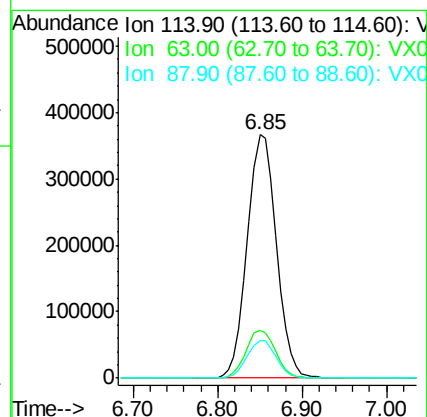
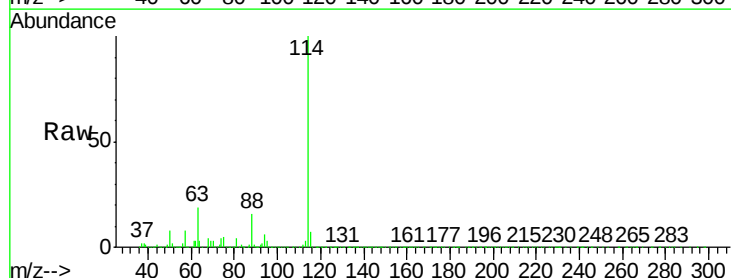
Tgt Ion: 114 Resp: 860368

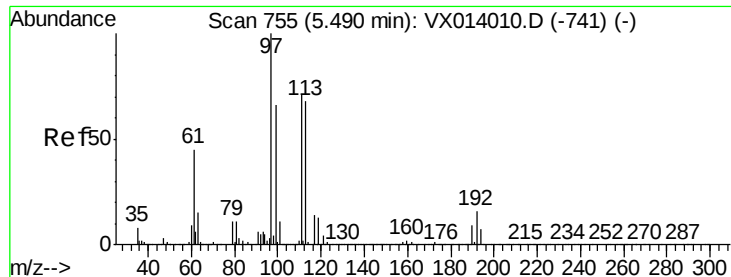
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.732 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

DUP-1

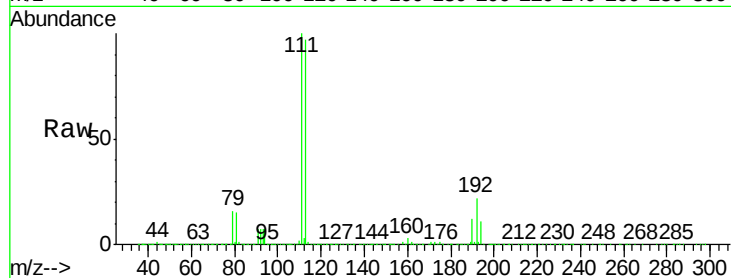
Tot Ion:113 Resp: 260105

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

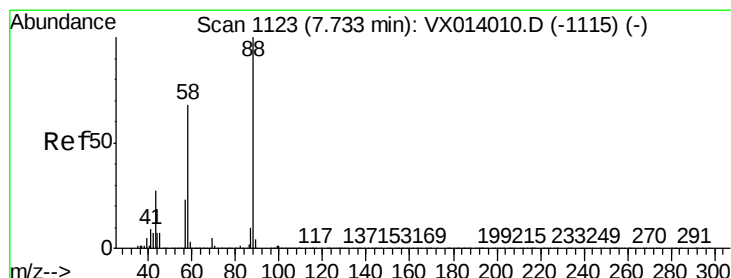
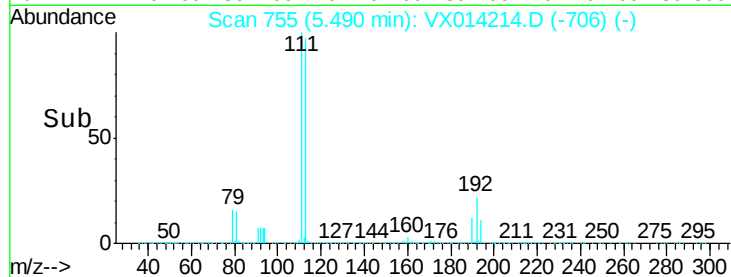
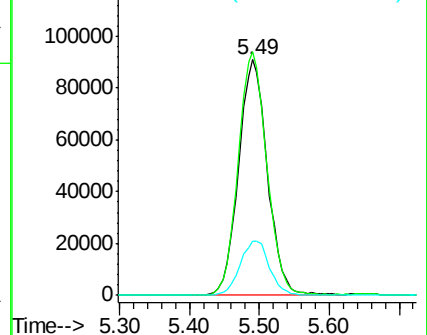
192 23.5 19.3 28.9



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



#49

1,4-Dioxane

Concen: 24.665 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

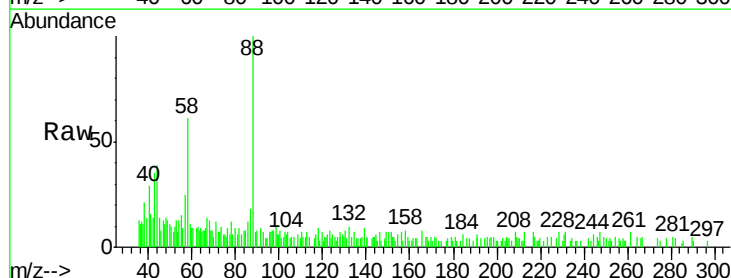
Tgt Ion: 88 Resp: 3546

Ion Ratio Lower Upper

88 100

43 22.8 26.5 39.7#

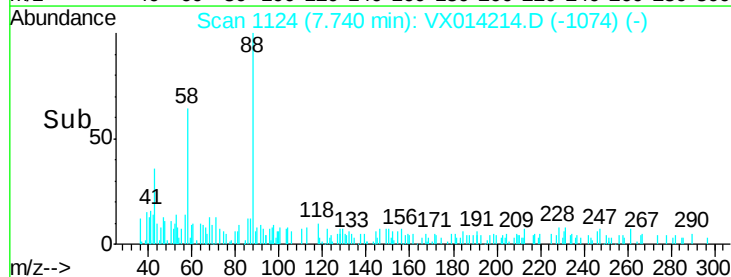
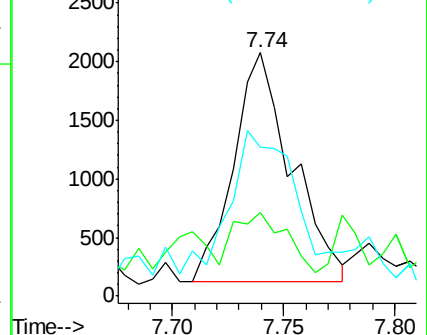
58 67.5 56.8 85.2

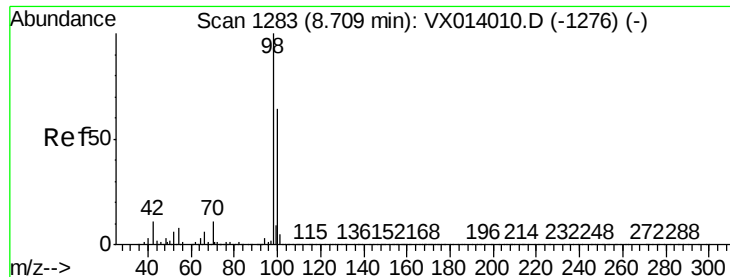


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.731 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

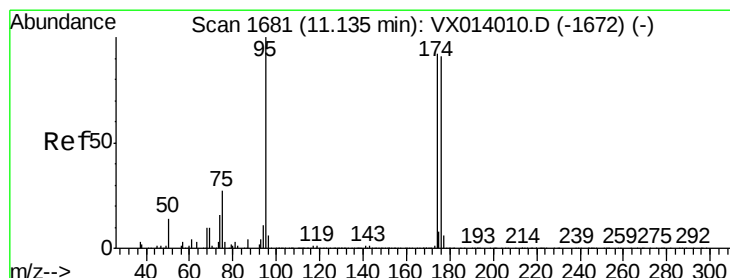
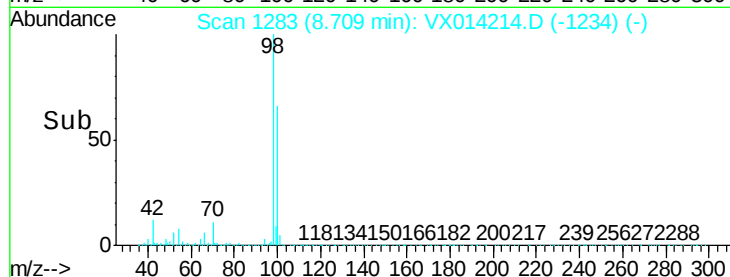
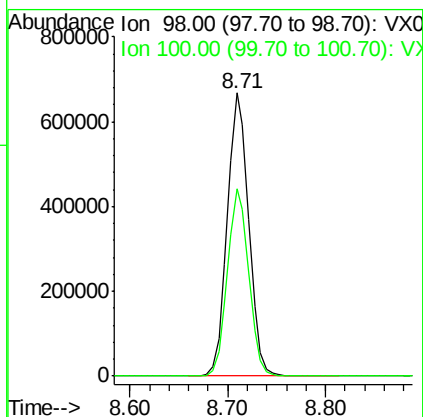
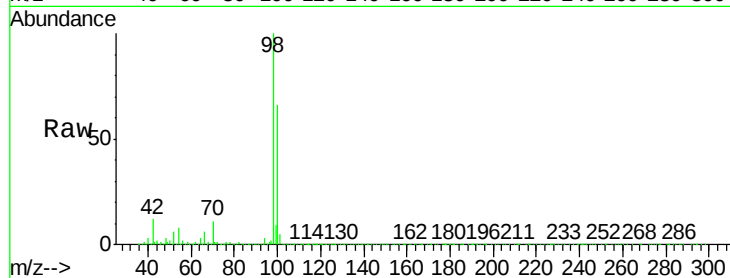
DUP-1

Tot Ion: 98 Resp: 1012620

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.034 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014214.D

Acq: 23 Dec 2019 19:52

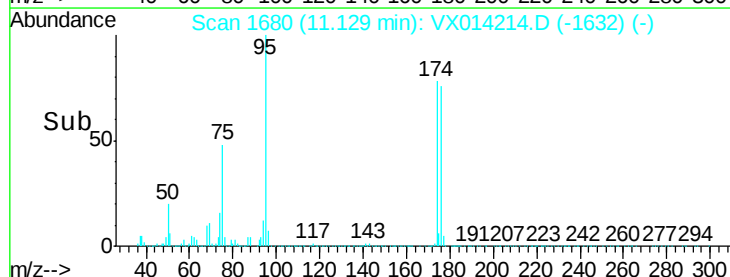
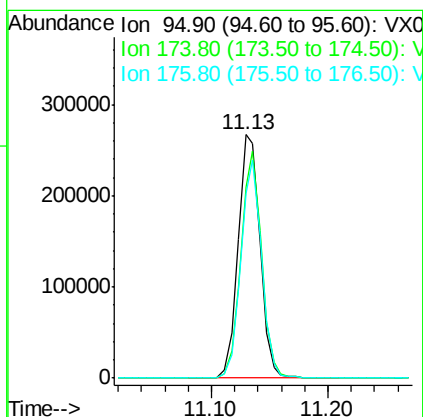
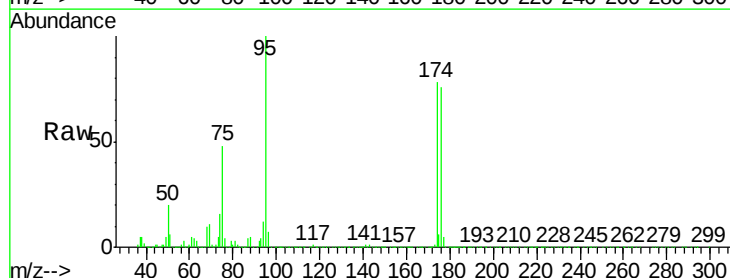
Tgt Ion: 95 Resp: 350086

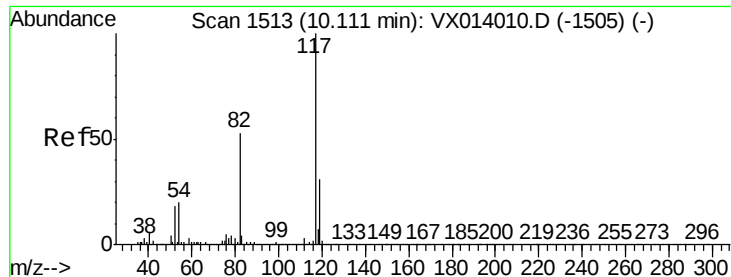
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

176 84.9 0.0 173.0

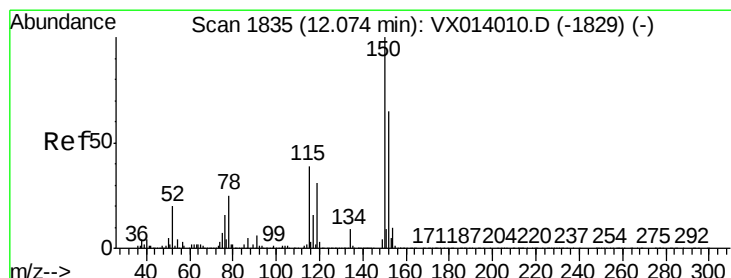
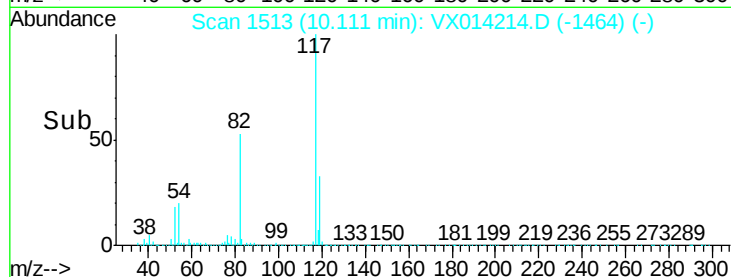
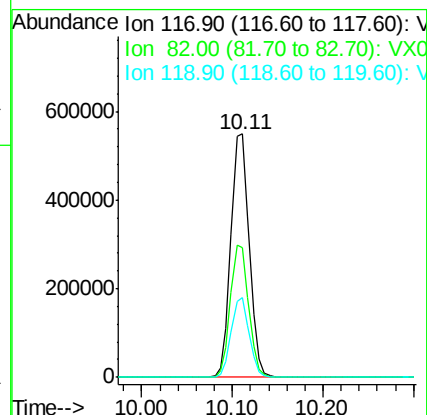
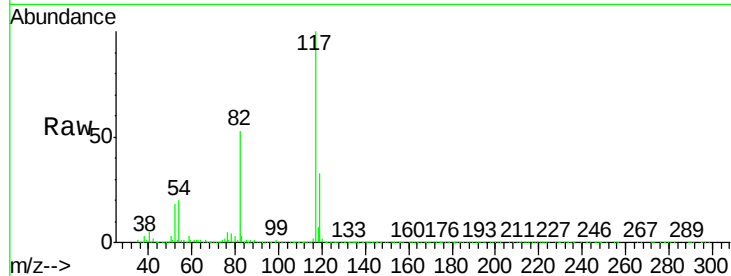




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014214.D
Acq: 23 Dec 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tot Ion:117 Resp: 775202
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.4
119 32.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014214.D
Acq: 23 Dec 2019 19:52

Tgt Ion:152 Resp: 348558
Ion Ratio Lower Upper
152 100
115 55.3 38.3 114.9
150 153.5 0.0 345.4

