

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012894.D
 Acq On : 08 Oct 2019 17:04
 Operator : JC/SP
 Sample : K5122-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-CHY05

Quant Time: Oct 09 03:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

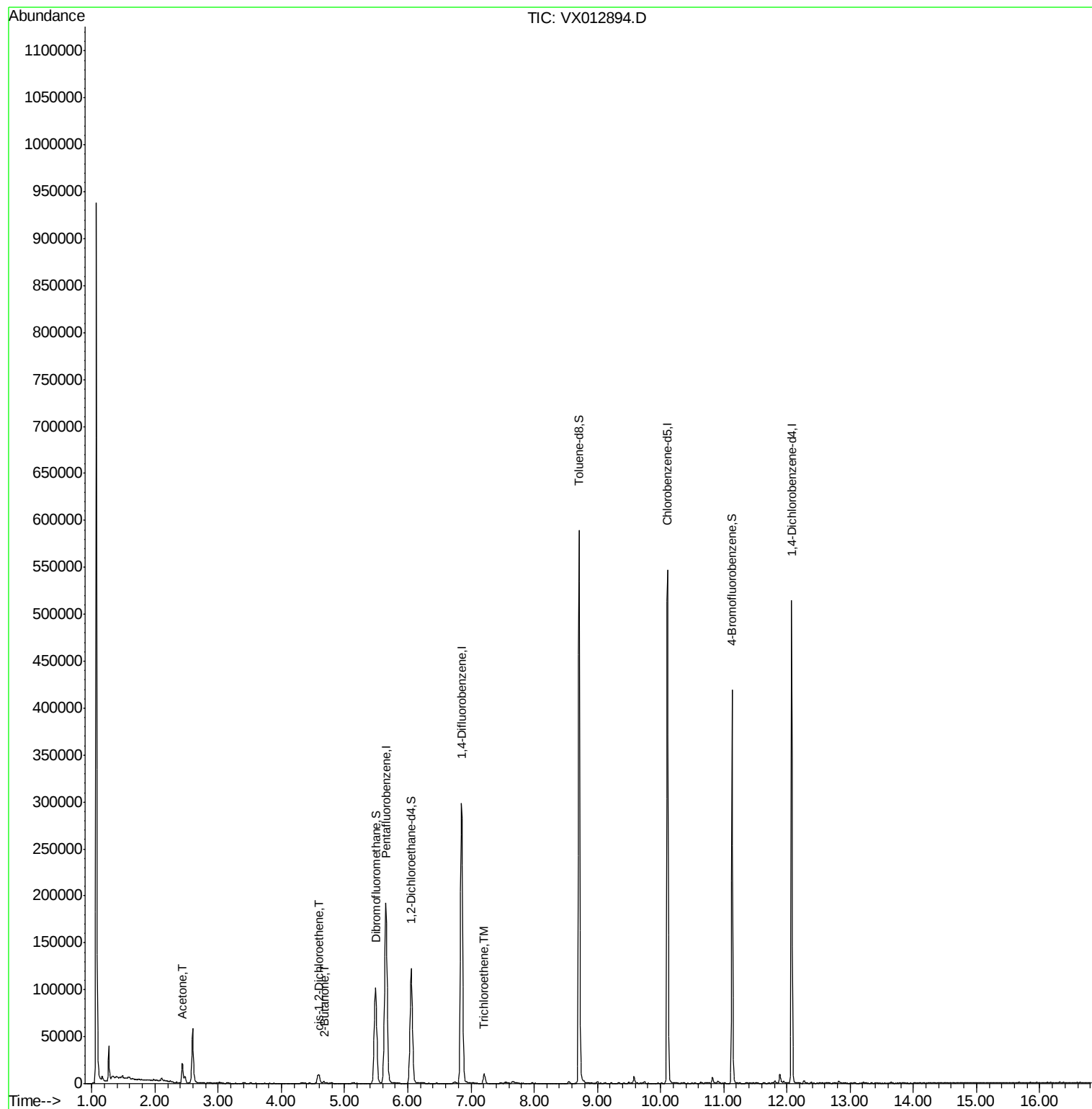
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115061	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	5.49	113	89750	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
50) Toluene-d8	8.71	98	348353	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	120282	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
Target Compounds						
16) Acetone	2.43	43	21555	18.294	ug/l	96
25) 2-Butanone	4.67	43	3212	1.965	ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	6433	2.881	ug/l	90
44) Trichloroethene	7.21	130	4170	1.939	ug/l	89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012894.D

Acq: 08 Oct 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

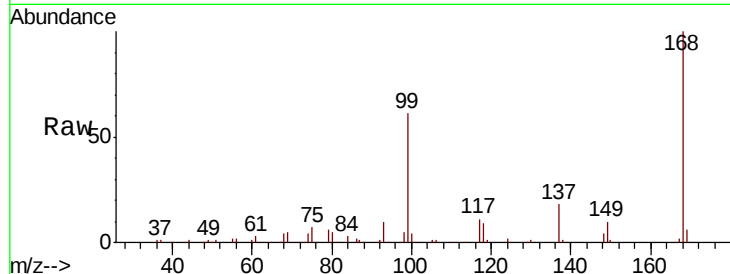
FA19-CHY05

Tot Ion:168 Resp: 178848

Ion Ratio Lower Upper

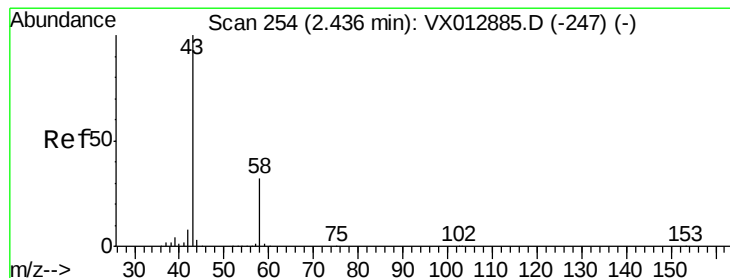
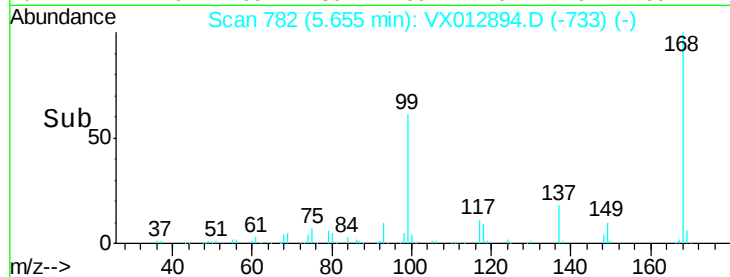
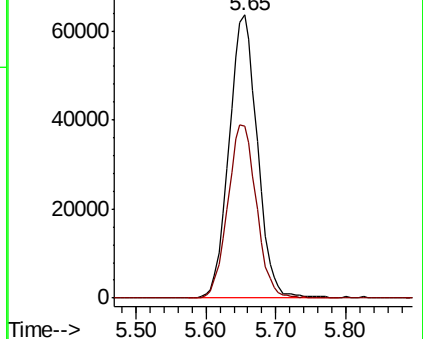
168 100

99 60.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 18.294 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012894.D

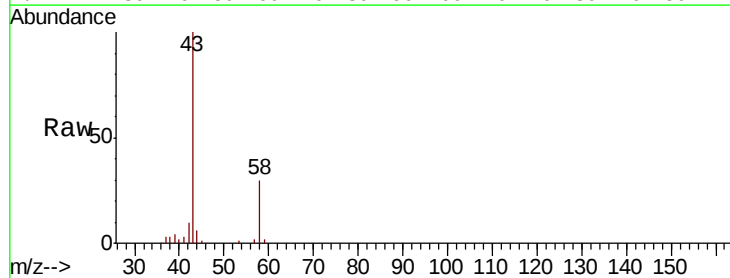
Acq: 08 Oct 2019 17:04

Tgt Ion: 43 Resp: 21555

Ion Ratio Lower Upper

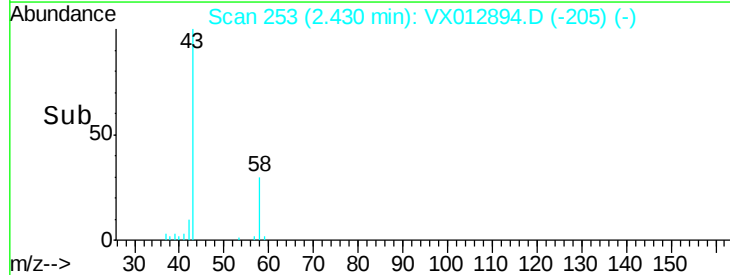
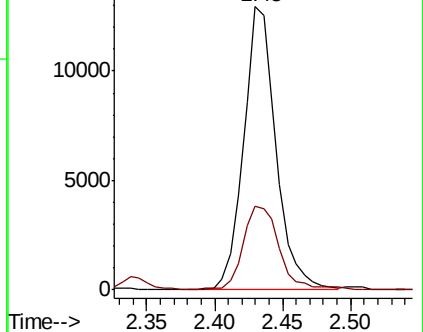
43 100

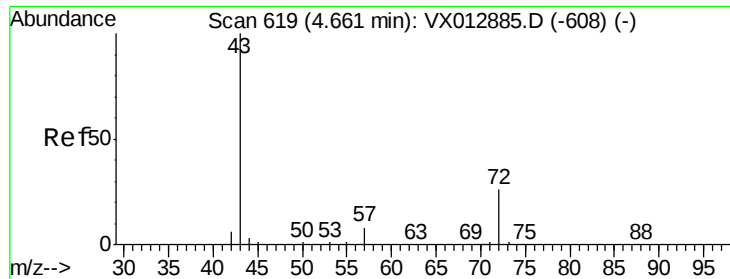
58 29.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 1.965 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX012894.D

Acq: 08 Oct 2019 17:04

Instrument :

MSVOA_X

ClientSampled :

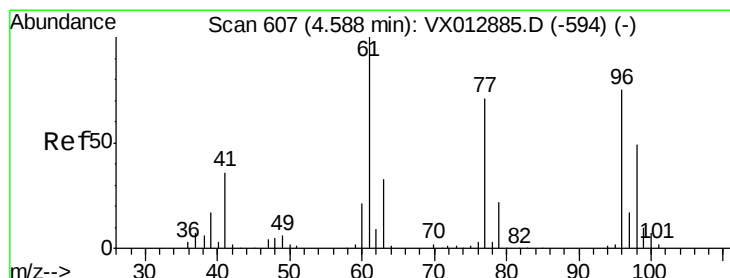
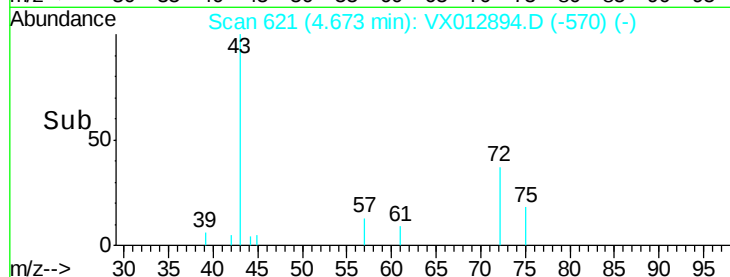
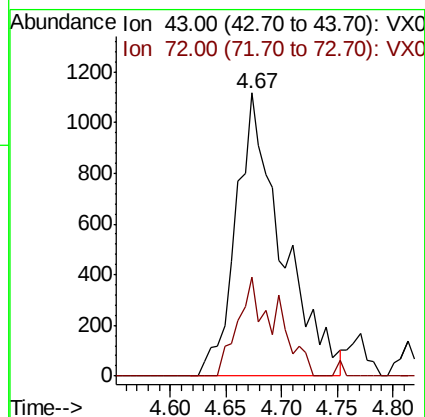
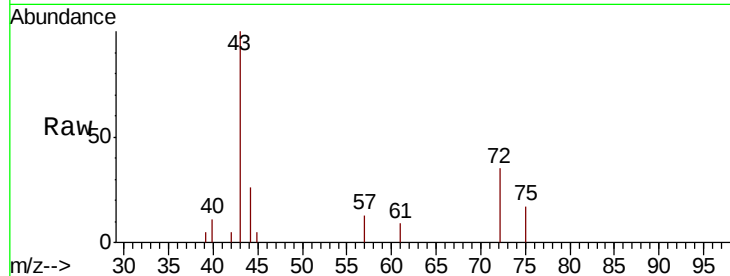
FA19-CHY05

Tot Ion: 43 Resp: 3212

Ion Ratio Lower Upper

43 100

72 34.9 21.0 31.6#



#27

cis-1,2-Dichloroethene

Concen: 2.881 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX012894.D

Acq: 08 Oct 2019 17:04

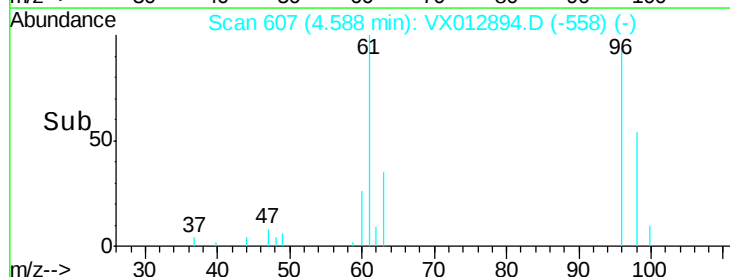
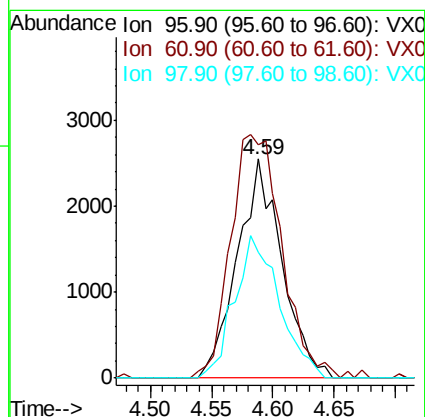
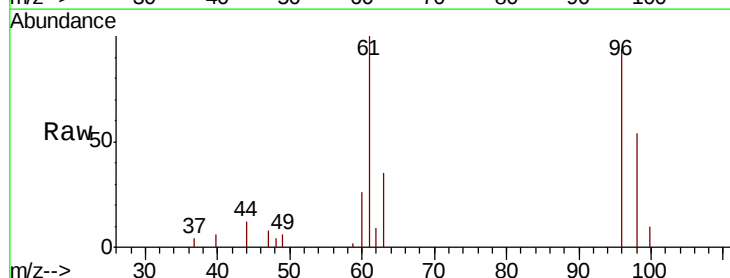
Tgt Ion: 96 Resp: 6433

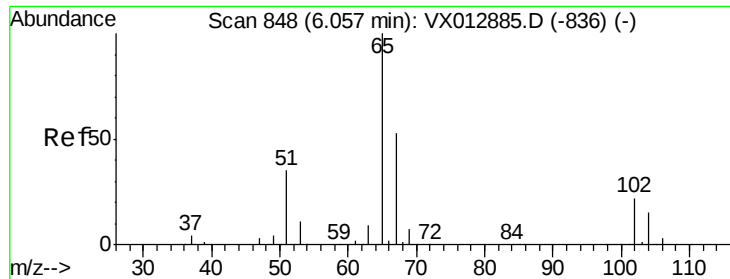
Ion Ratio Lower Upper

96 100

61 128.1 0.0 290.6

98 65.6 0.0 128.8

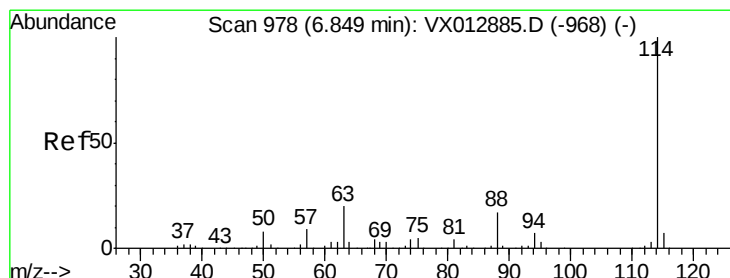
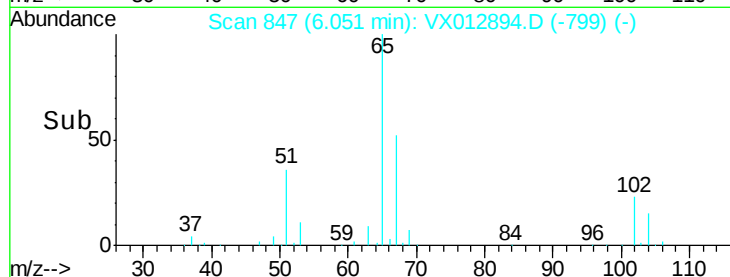
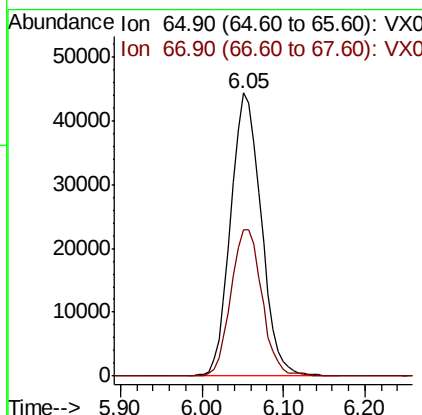
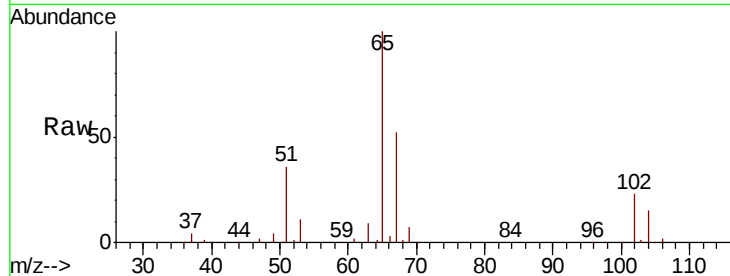




#33
 1,2-Dichloroethane-d4
 Concen: 51.473 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012894.D
 Acq: 08 Oct 2019 17:04

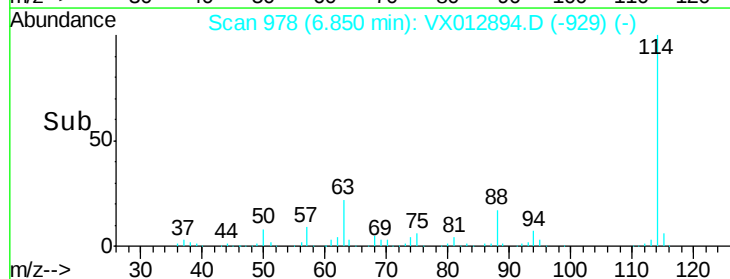
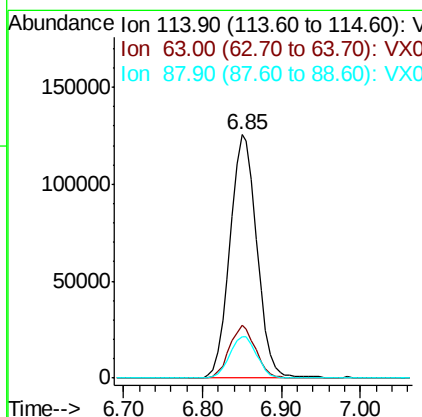
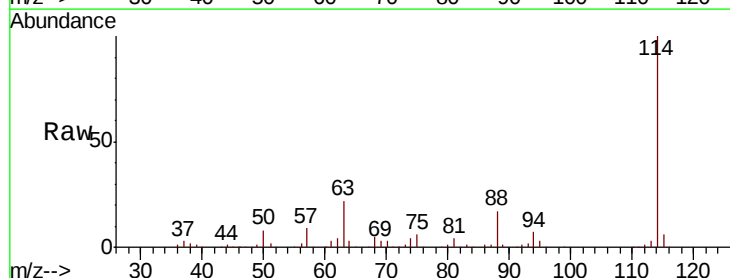
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-CHY05

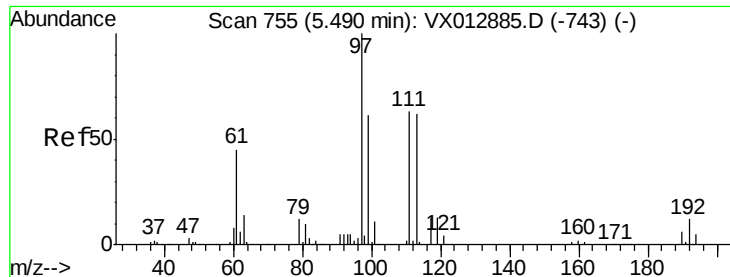
Tot Ion: 65 Resp: 115061
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012894.D
 Acq: 08 Oct 2019 17:04

Tgt Ion: 114 Resp: 298679
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.355 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012894.D

Acq: 08 Oct 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

FA19-CHY05

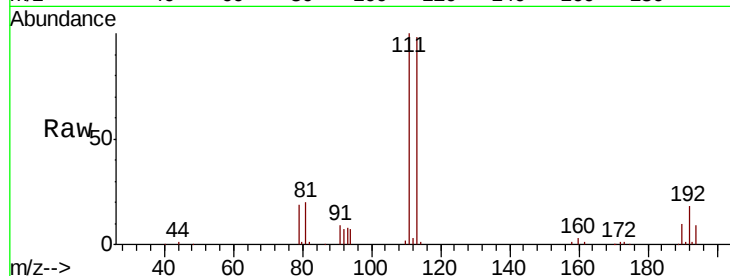
Tot Ion:113 Resp: 89750

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

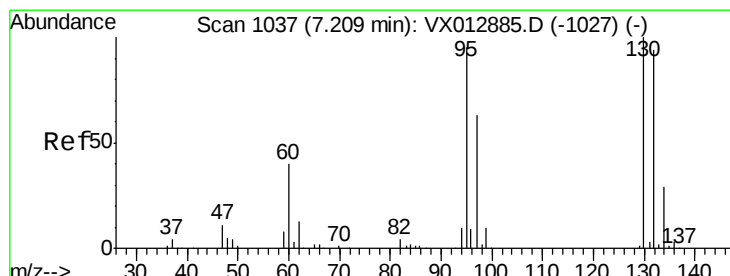
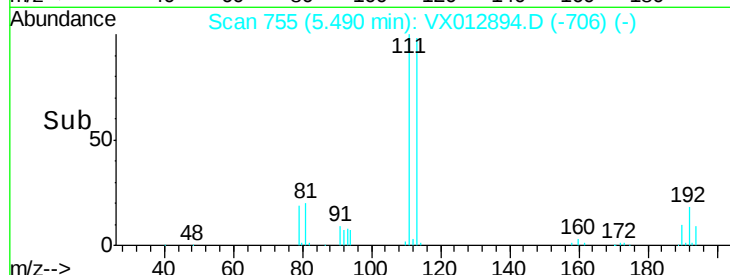
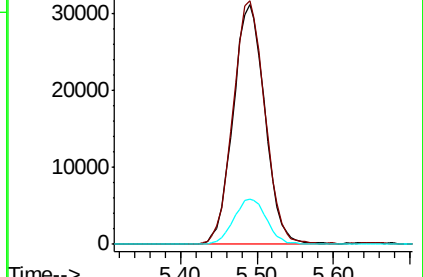
192 19.5 15.4 23.2



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



#44

Trichloroethene

Concen: 1.939 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX012894.D

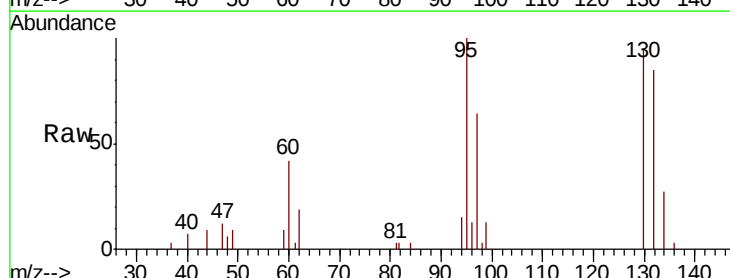
Acq: 08 Oct 2019 17:04

Tgt Ion:130 Resp: 4170

Ion Ratio Lower Upper

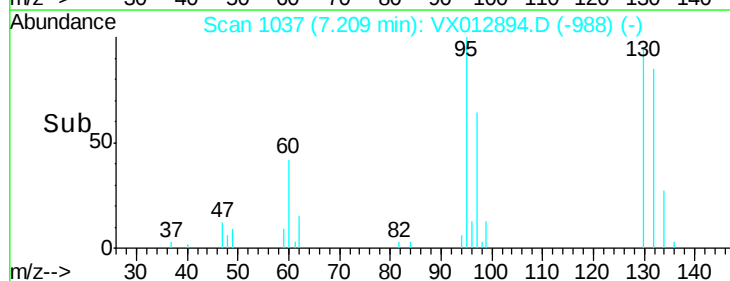
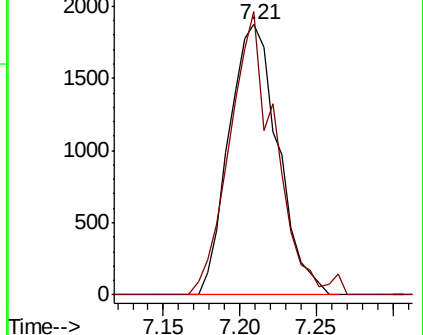
130 100

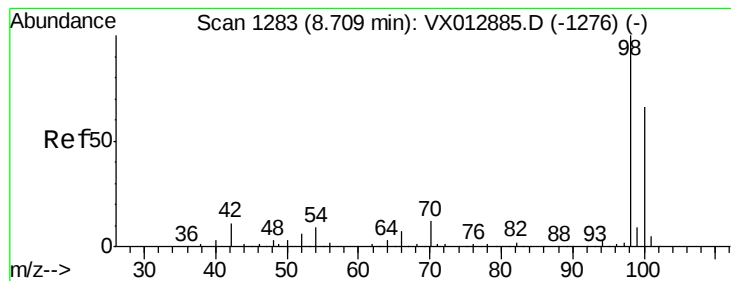
95 104.9 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.102 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012894.D

Acq: 08 Oct 2019 17:04

Instrument :

MSVOA_X

ClientSampleId :

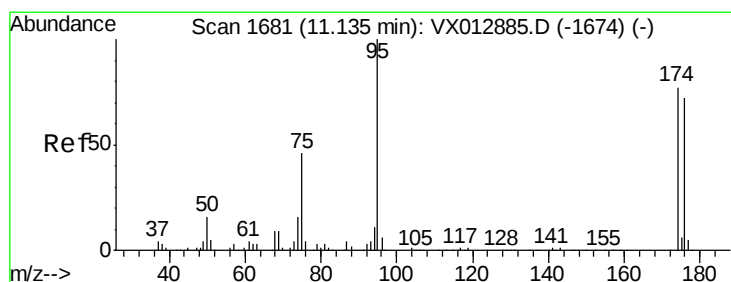
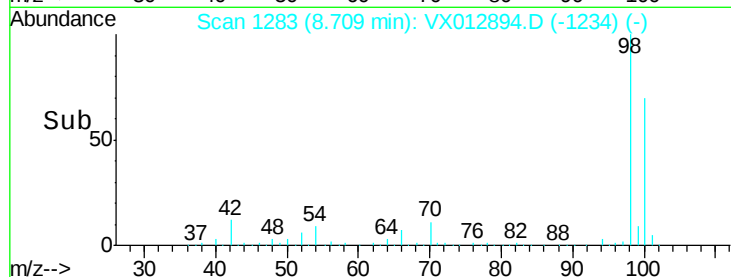
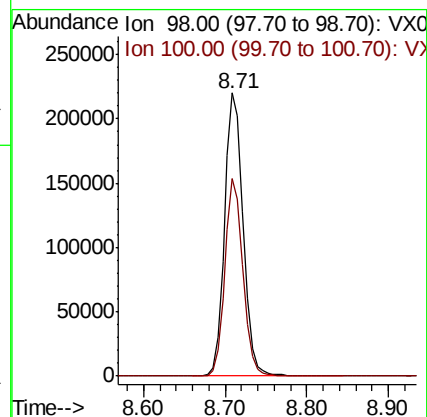
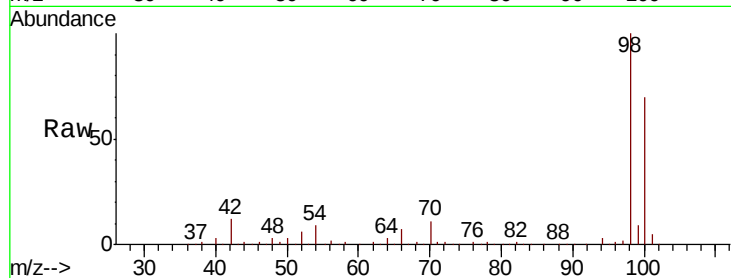
FA19-CHY05

Tot Ion: 98 Resp: 348353

Ion Ratio Lower Upper

98 100

100 67.9 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 46.300 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012894.D

Acq: 08 Oct 2019 17:04

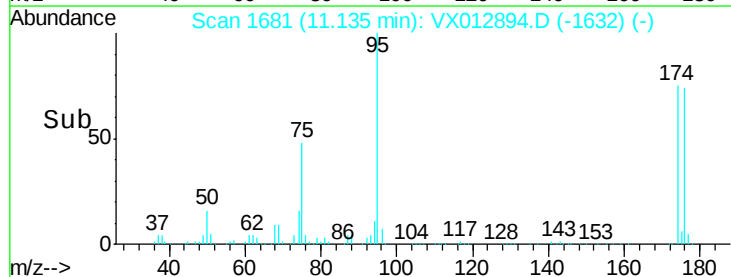
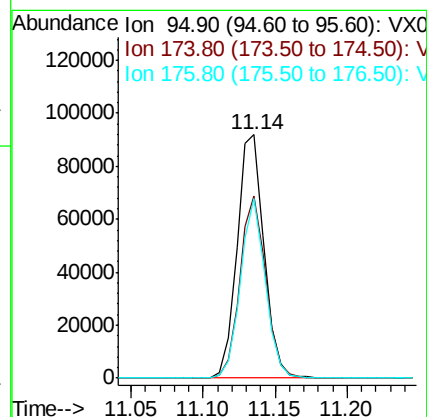
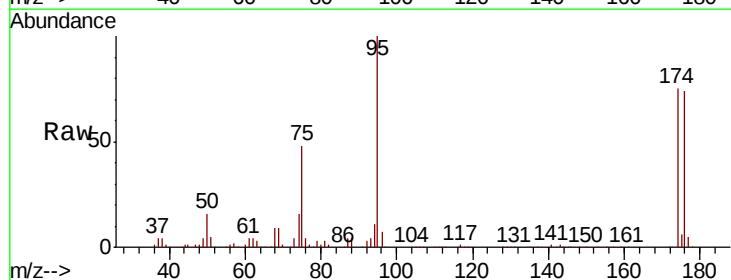
Tgt Ion: 95 Resp: 120282

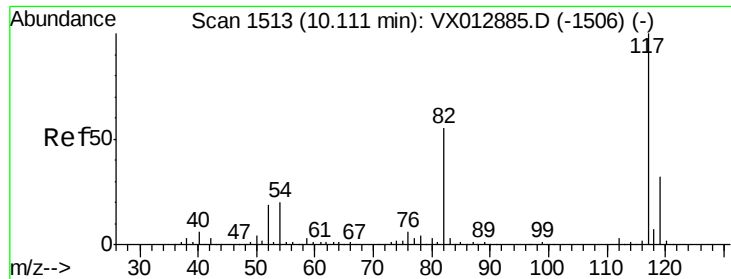
Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

176 68.1 0.0 136.0

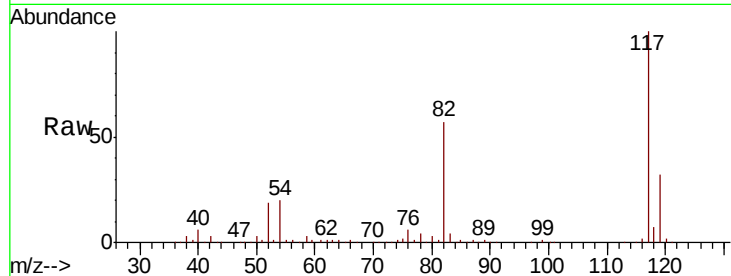




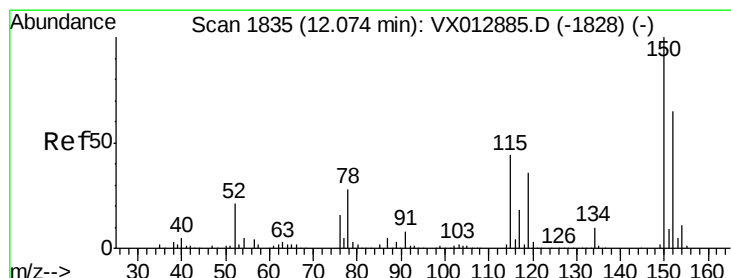
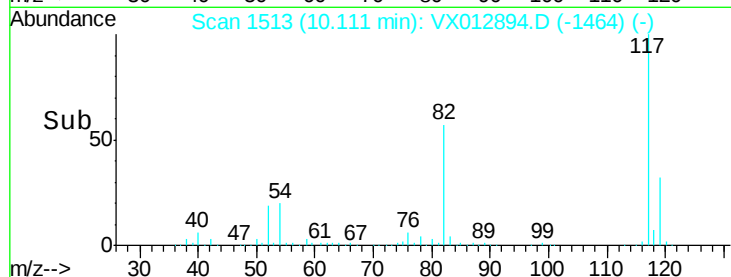
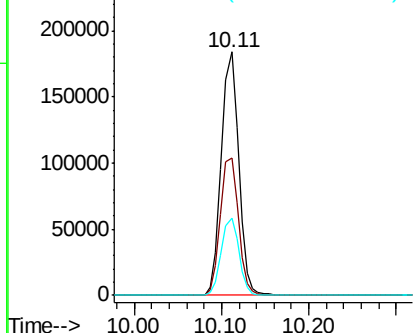
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012894.D
Acq: 08 Oct 2019 17:04

Instrument :
MSVOA_X
ClientSampleId :
FA19-CHY05

Tot Ion:117 Resp: 253379
Ion Ratio Lower Upper
117 100
82 56.7 44.1 66.1
119 31.7 25.8 38.8

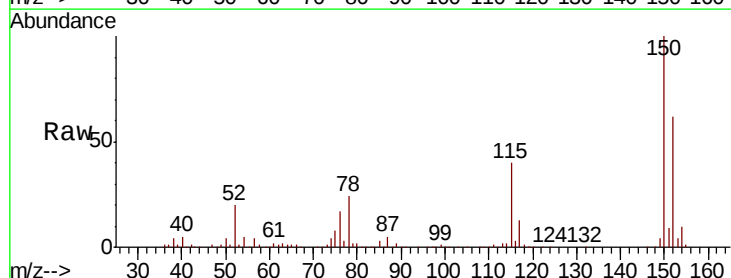


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012894.D
Acq: 08 Oct 2019 17:04

Tgt Ion:152 Resp: 99706
Ion Ratio Lower Upper
152 100
115 64.5 44.5 133.5
150 158.8 0.0 353.4



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

