

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013053.D
 Acq On : 14 Oct 2019 15:43
 Operator : JC/SP
 Sample : K5336-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-USMW025

Quant Time: Oct 15 05:04:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

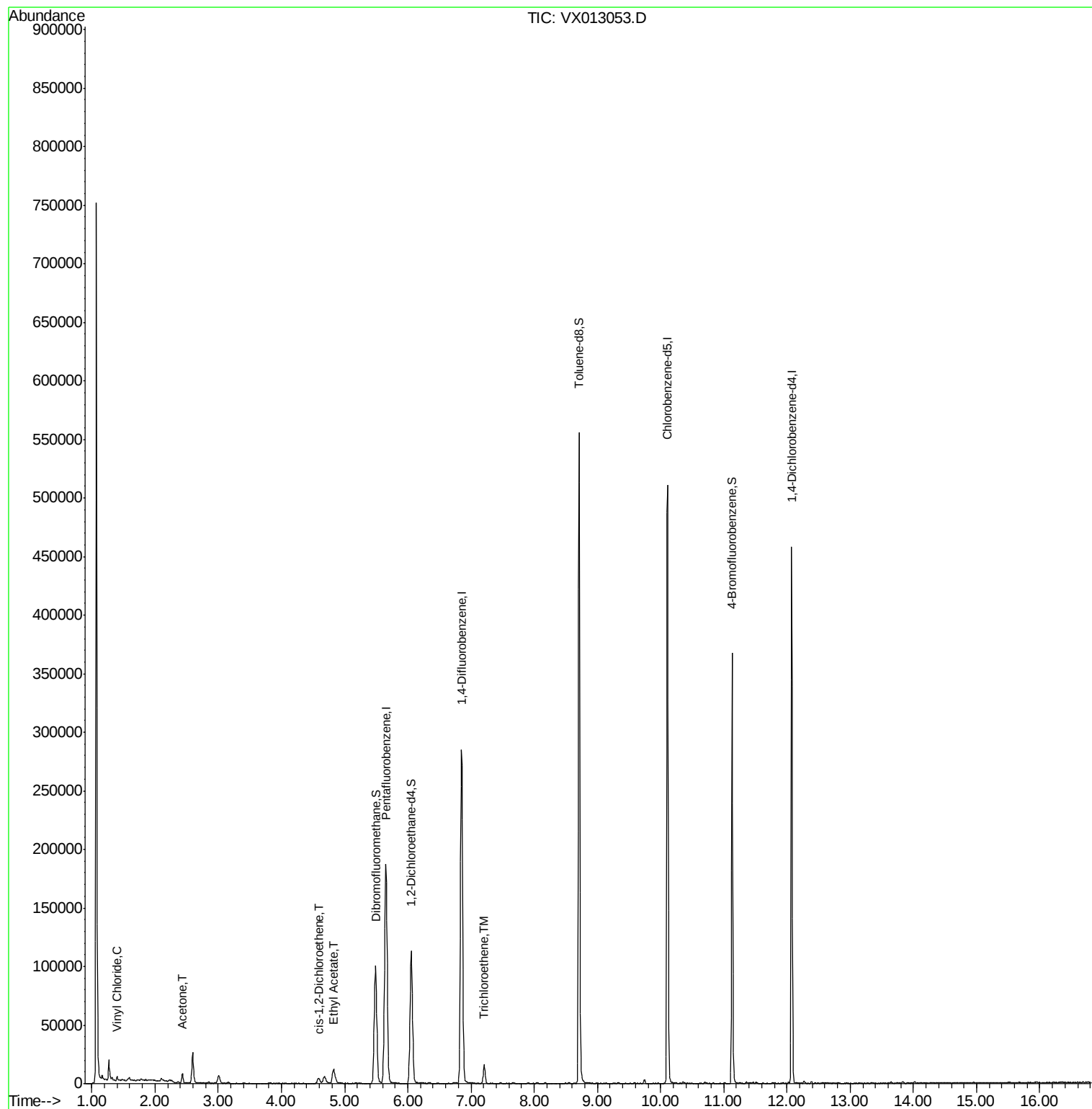
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	108137	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.49	113	86682	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
50) Toluene-d8	8.71	98	332232	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.14	95	103252	41.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.58%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2224	1.101	ug/l	96
16) Acetone	2.44	43	8524	7.336	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	2675	1.215	ug/l #	72
37) Ethyl Acetate	4.82	43	23017	8.143	ug/l	98
44) Trichloroethene	7.21	130	6423	3.103	ug/l	92

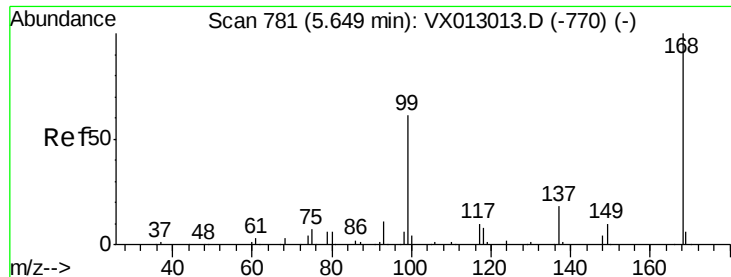
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013053.D

Acq: 14 Oct 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

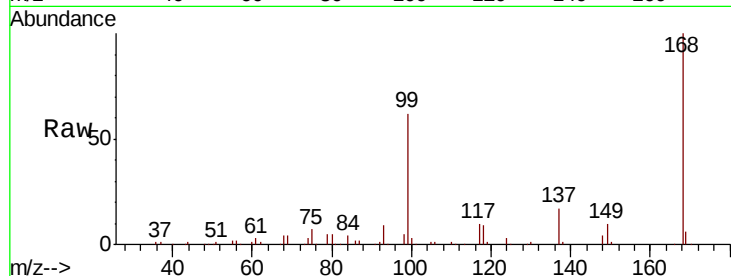
FA19-USMW025

Tot Ion:168 Resp: 176359

Ion Ratio Lower Upper

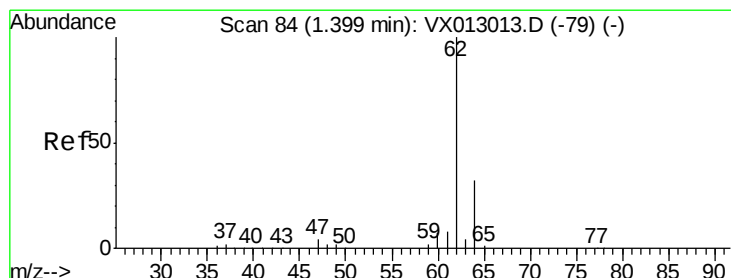
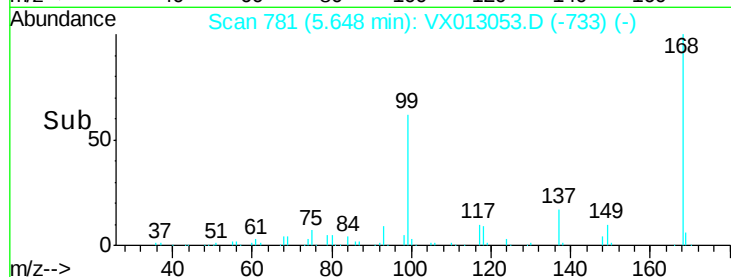
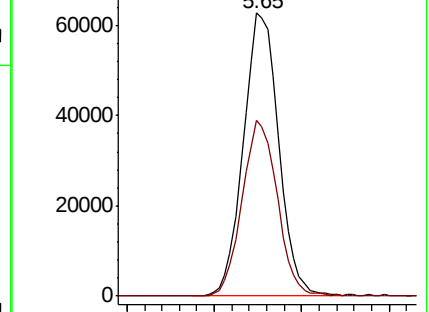
168 100

99 62.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.101 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013053.D

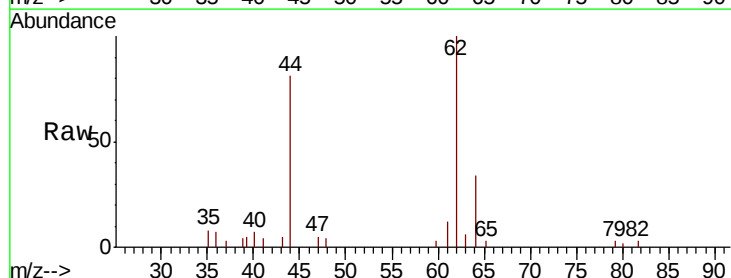
Acq: 14 Oct 2019 15:43

Tgt Ion: 62 Resp: 2224

Ion Ratio Lower Upper

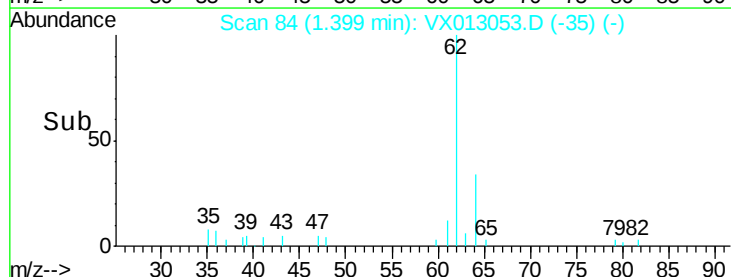
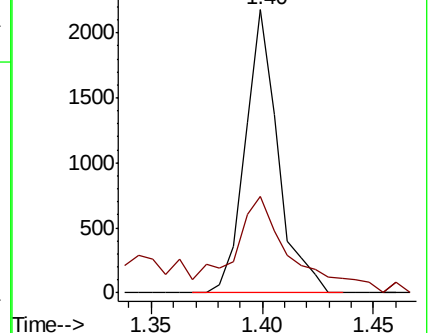
62 100

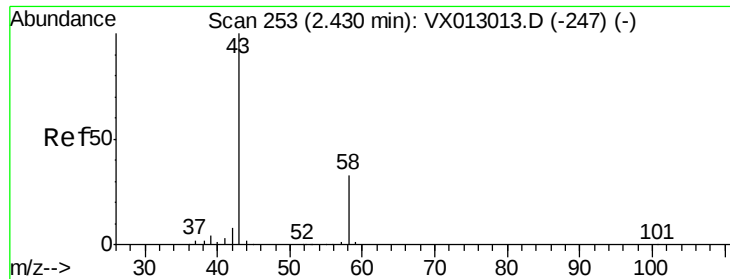
64 29.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 7.336 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013053.D

Acq: 14 Oct 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

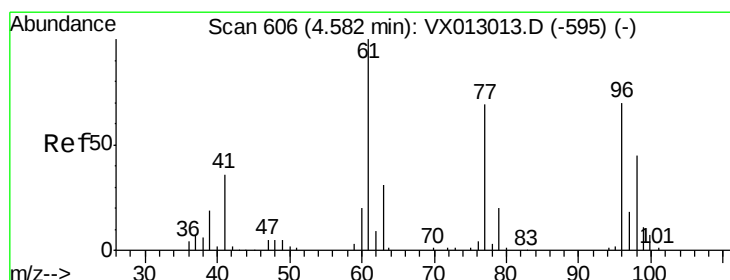
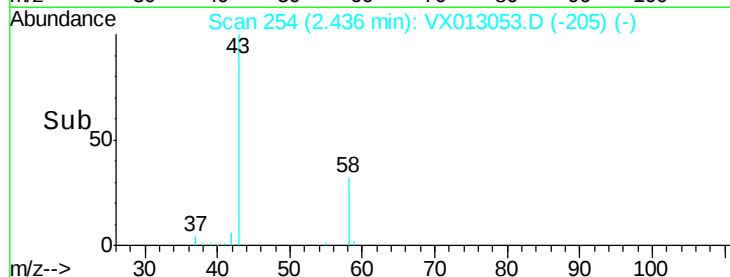
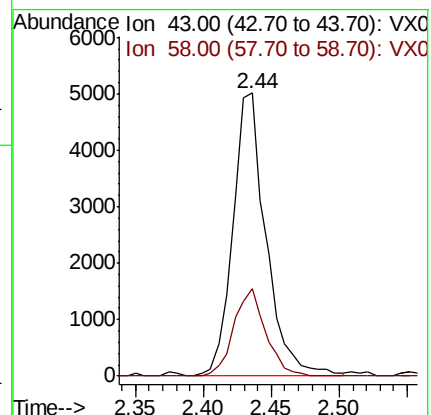
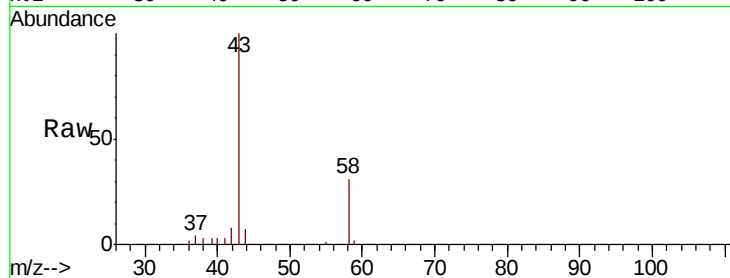
FA19-USMW025

Tot Ion: 43 Resp: 8524

Ion Ratio Lower Upper

43 100

58 31.1 25.4 38.2



#27

cis-1,2-Dichloroethene

Concen: 1.215 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX013053.D

Acq: 14 Oct 2019 15:43

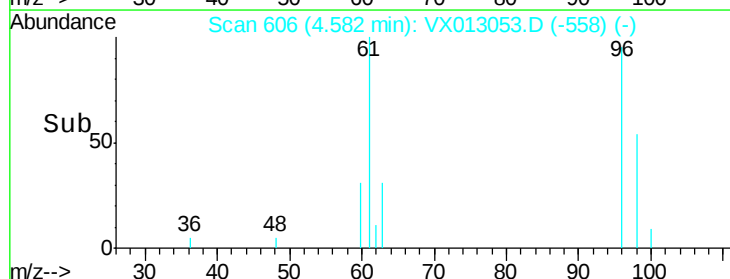
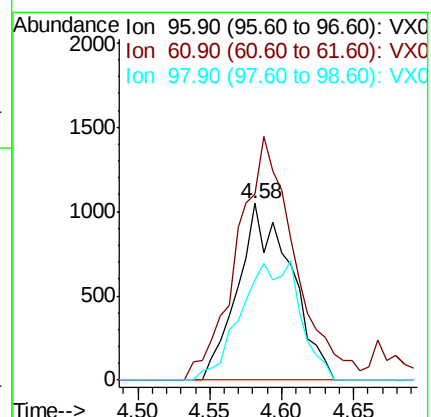
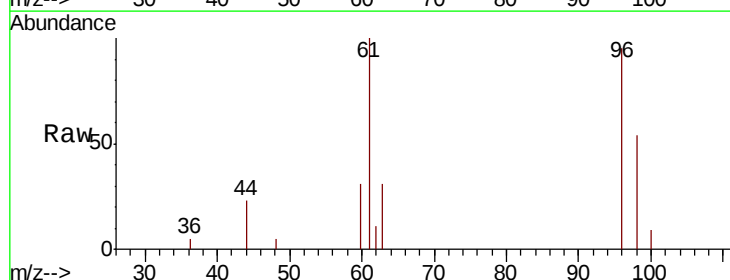
Tgt Ion: 96 Resp: 2675

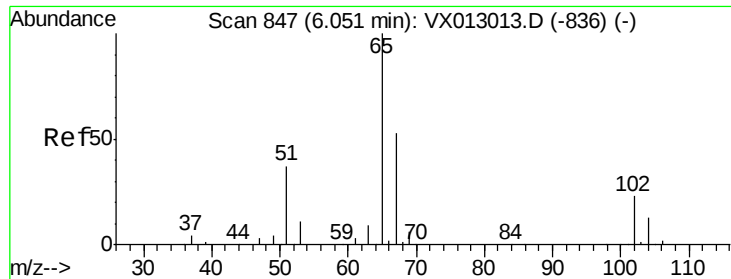
Ion Ratio Lower Upper

96 100

61 149.9 0.0 290.6

98 0.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 49.058 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013053.D

Acq: 14 Oct 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

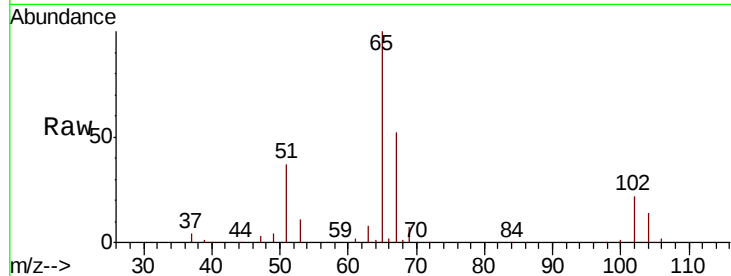
FA19-USMW025

Tot Ion: 65 Resp: 108137

Ion Ratio Lower Upper

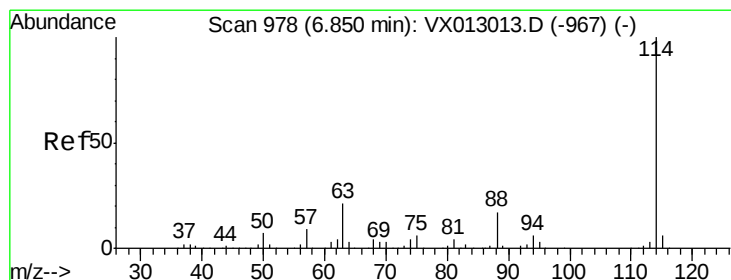
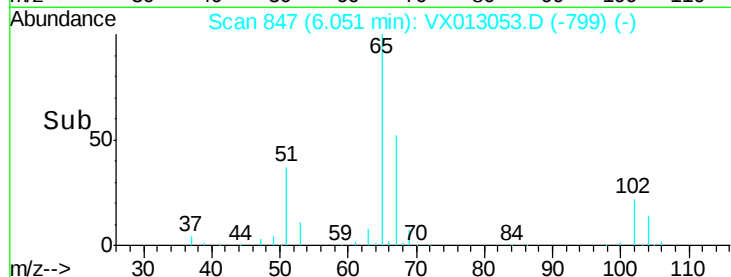
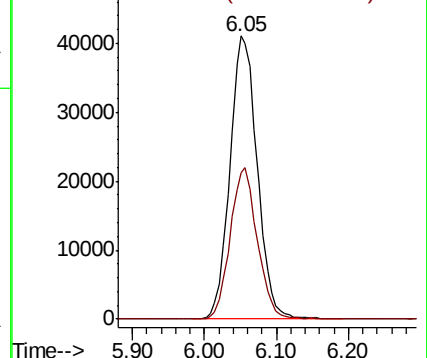
65 100

67 53.4 0.0 104.4



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: VX013053.D

Acq: 14 Oct 2019 15:43

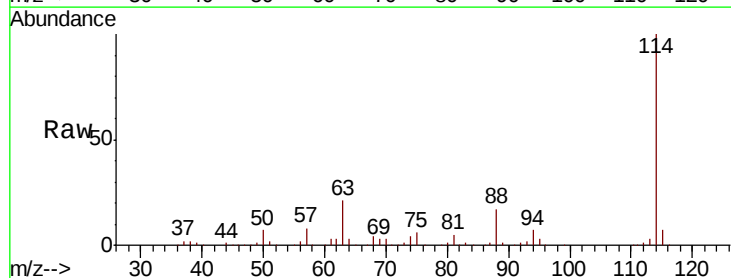
Tgt Ion: 114 Resp: 287498

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

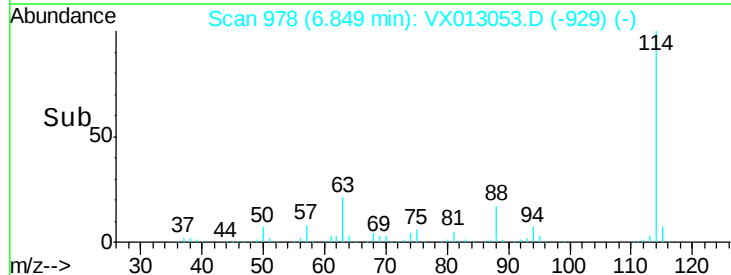
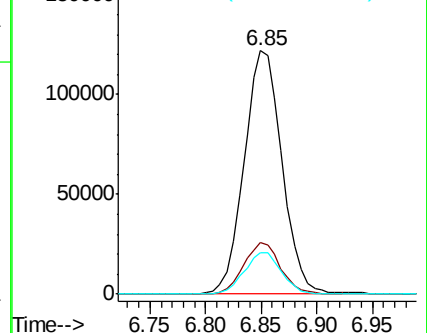
88 17.0 0.0 33.8

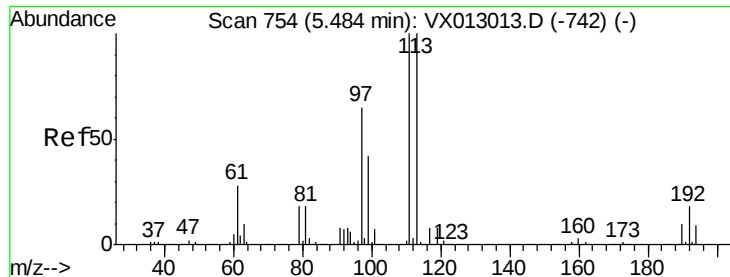


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

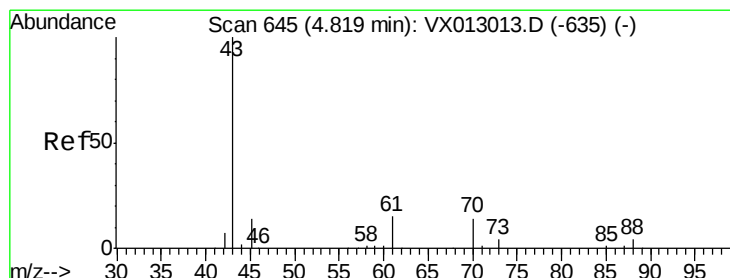
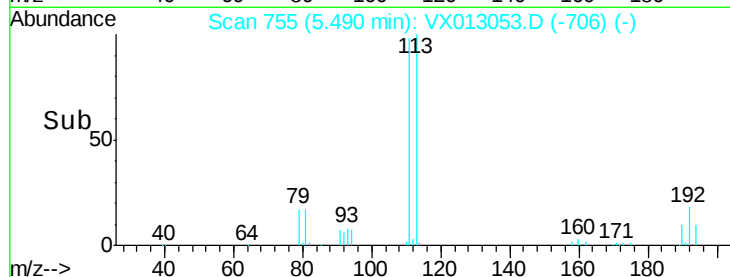
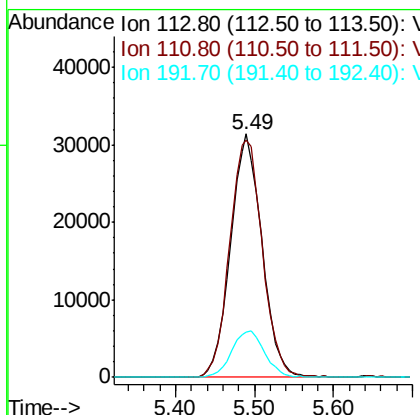
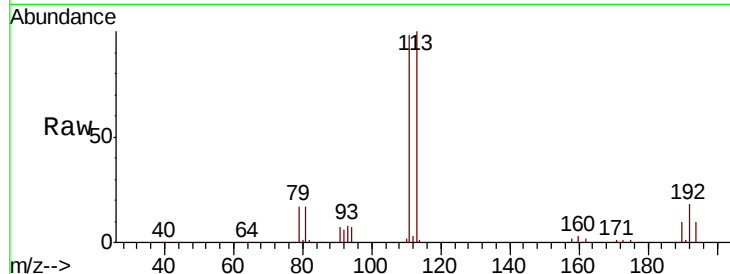




#35
Dibromofluoromethane
Concen: 52.532 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013053.D
Acq: 14 Oct 2019 15:43

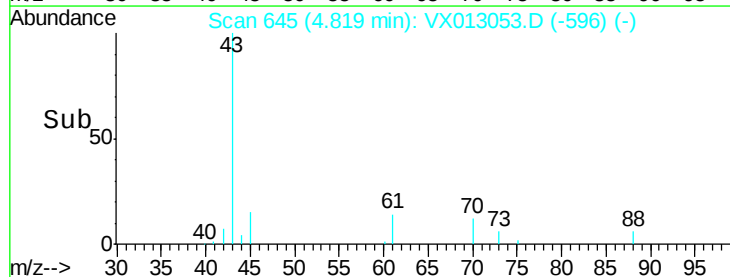
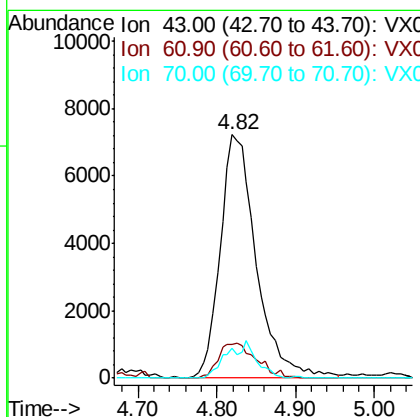
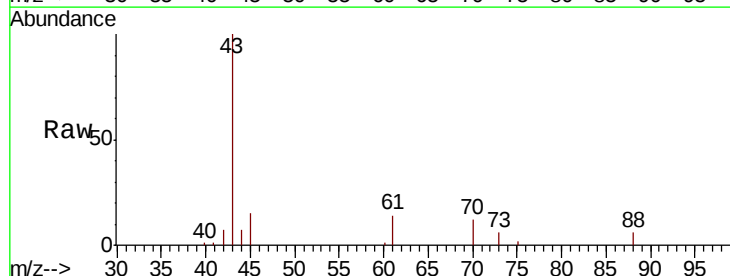
Instrument :
MSVOA_X
ClientSampleId :
FA19-USMW025

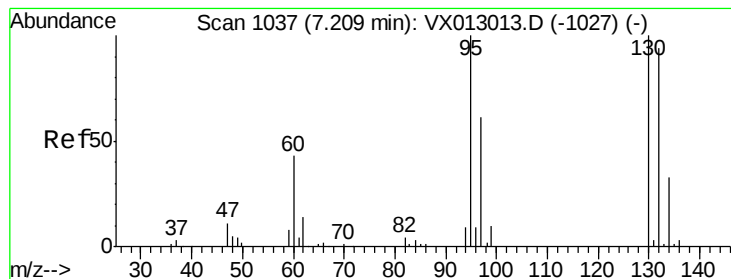
Tot Ion:113 Resp: 86682
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 19.9 15.4 23.2



#37
Ethyl Acetate
Concen: 8.143 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013053.D
Acq: 14 Oct 2019 15:43

Tgt Ion: 43 Resp: 23017
Ion Ratio Lower Upper
43 100
61 15.2 11.4 17.0
70 12.4 9.8 14.6





#44

Trichloroethene

Concen: 3.103 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013053.D

Acq: 14 Oct 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

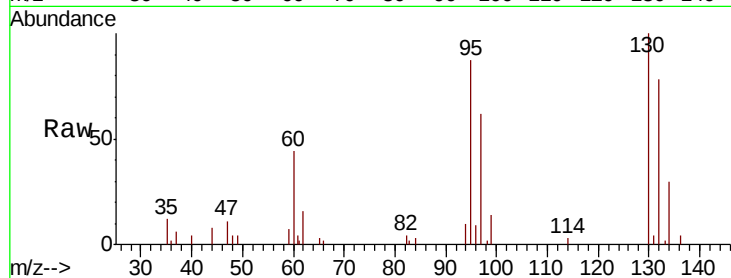
FA19-USMW025

Tot Ion:130 Resp: 6423

Ion Ratio Lower Upper

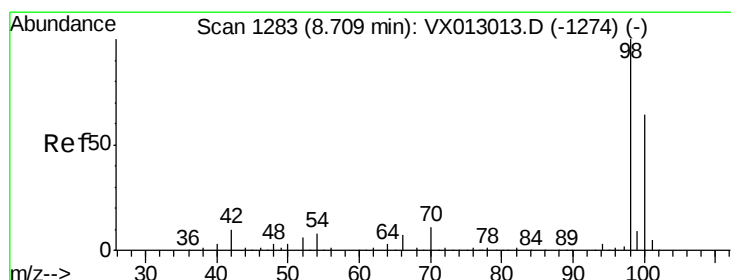
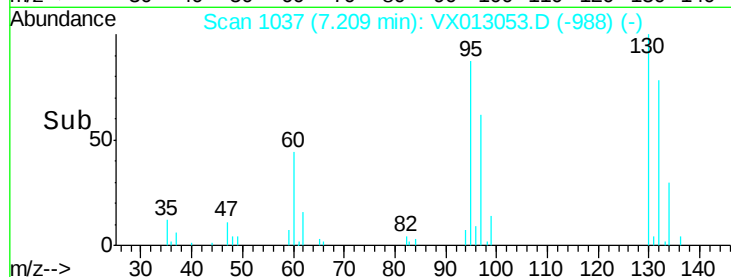
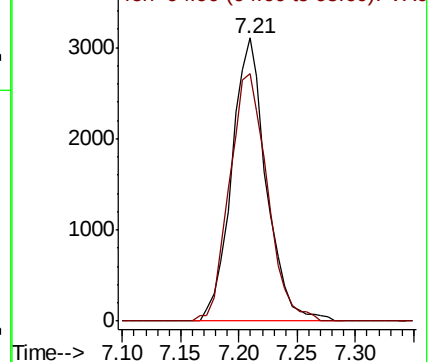
130 100

95 87.2 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.623 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013053.D

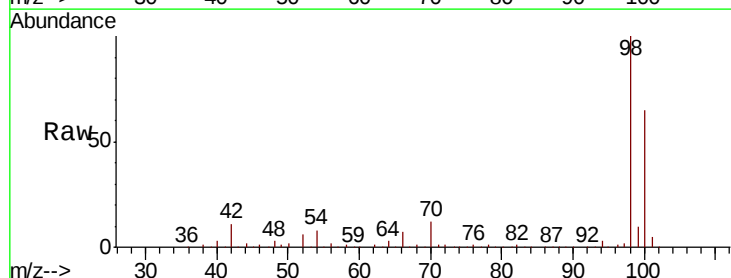
Acq: 14 Oct 2019 15:43

Tgt Ion: 98 Resp: 332232

Ion Ratio Lower Upper

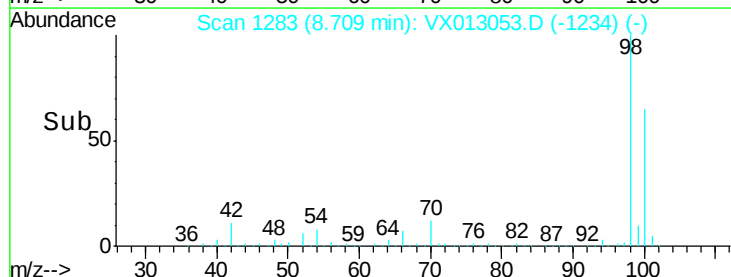
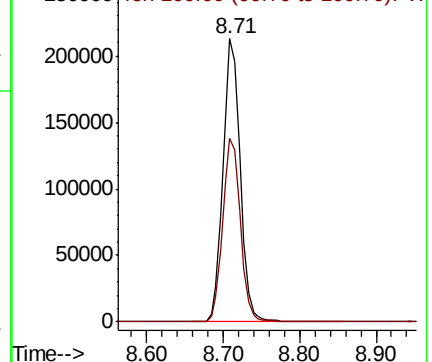
98 100

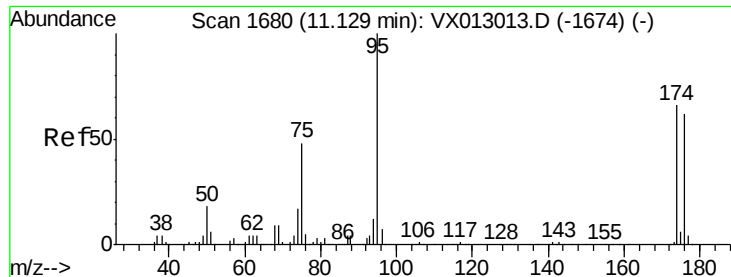
100 66.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.290 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013053.D

Acq: 14 Oct 2019 15:43

Instrument :

MSVOA_X

ClientSampleId :

FA19-USMW025

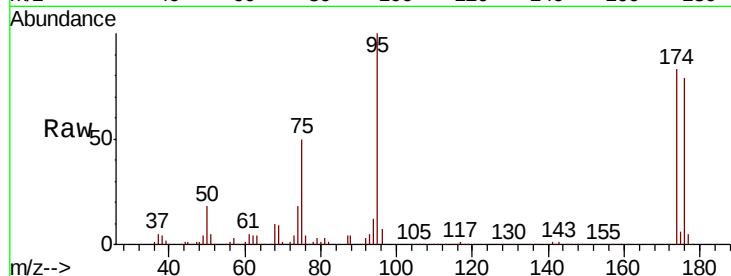
Tot Ion: 95 Resp: 103252

Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.4

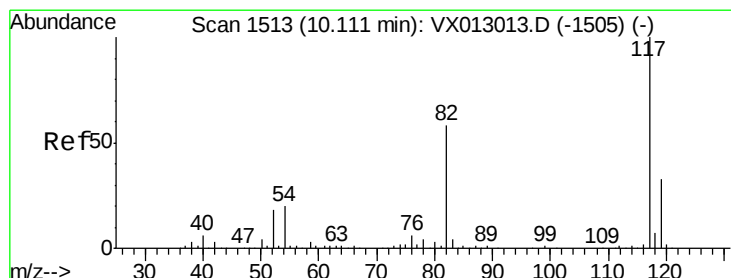
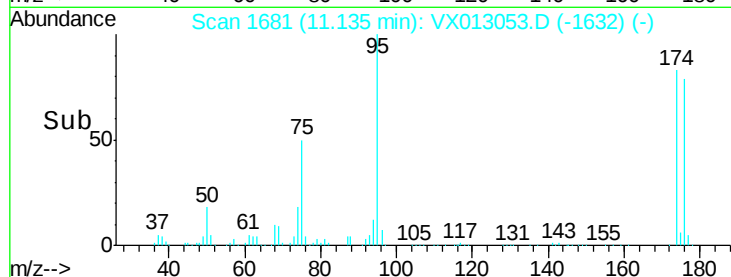
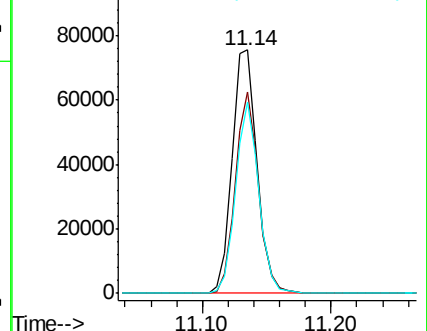
176 72.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013013.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013013.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013013.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013053.D

Acq: 14 Oct 2019 15:43

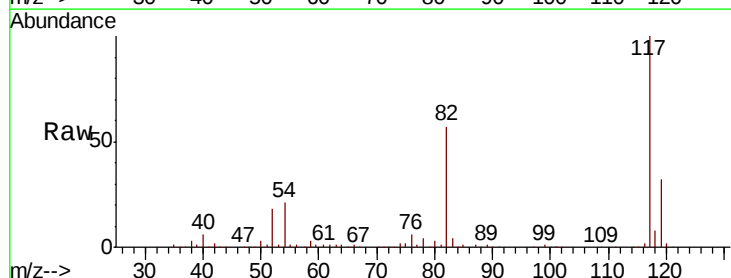
Tgt Ion: 117 Resp: 239115

Ion Ratio Lower Upper

117 100

82 56.8 44.1 66.1

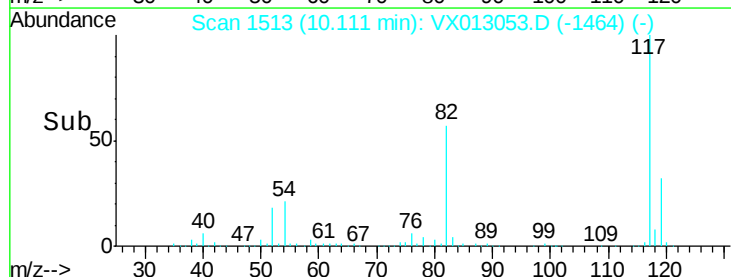
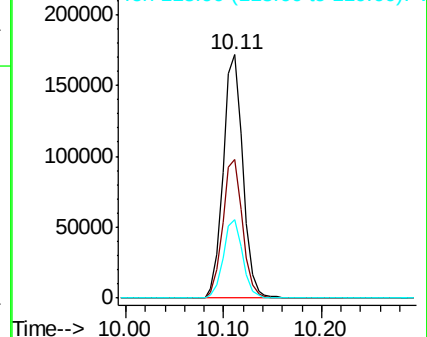
119 32.4 25.8 38.8

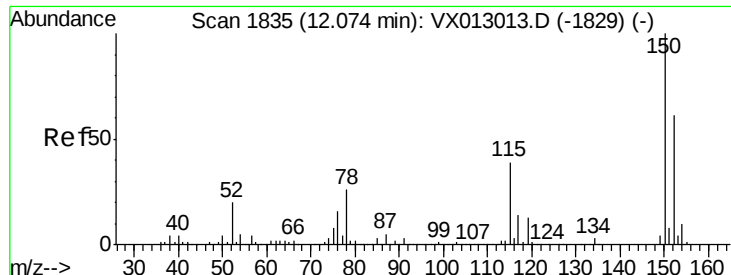


Abundance Ion 116.90 (116.60 to 117.60): VX013013.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013013.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013013.D (-1505) (-)

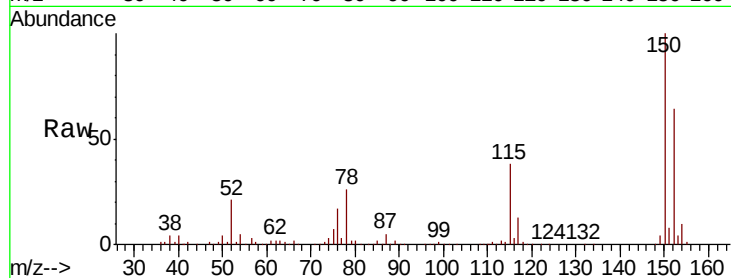




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX013053.D
 Acq: 14 Oct 2019 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-USMW025

Tot Ion:152 Resp: 88876
 Ion Ratio Lower Upper
 152 100
 115 62.4 44.5 133.5
 150 159.0 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

