

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013078.D
 Acq On : 15 Oct 2019 15:17
 Operator : JC/SP
 Sample : K5336-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-USMW025

Quant Time: Oct 16 06:53:10 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

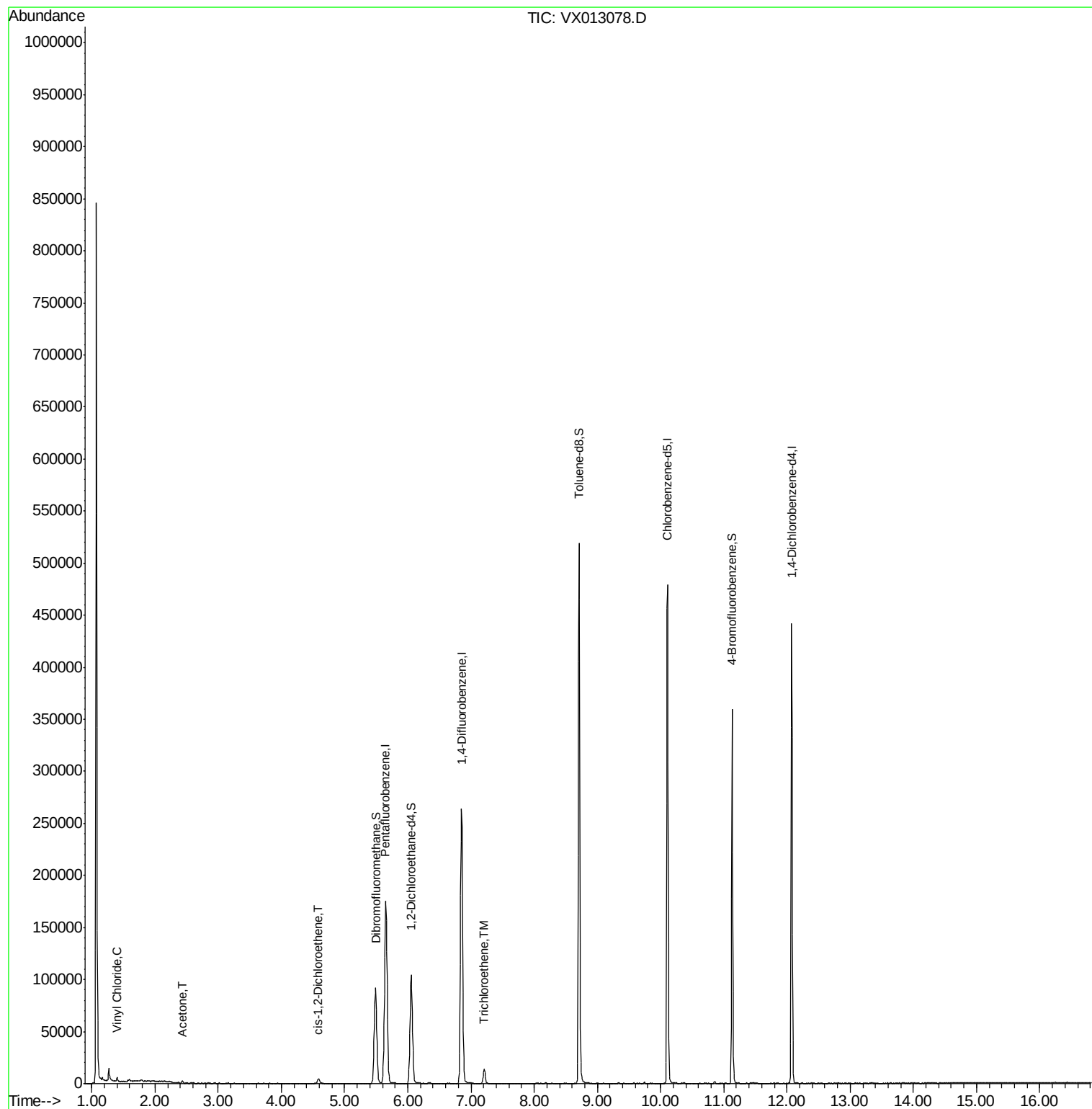
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101127	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	78672	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
50) Toluene-d8	8.71	98	310387	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.14	95	103217	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2252	1.204	ug/l	93
16) Acetone	2.43	43	2116	1.966	ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	2542	1.247	ug/l	94
44) Trichloroethene	7.21	130	6260	3.263	ug/l	90

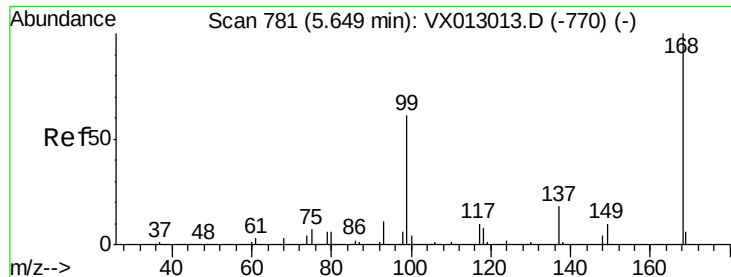
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013078.D

Acq: 15 Oct 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

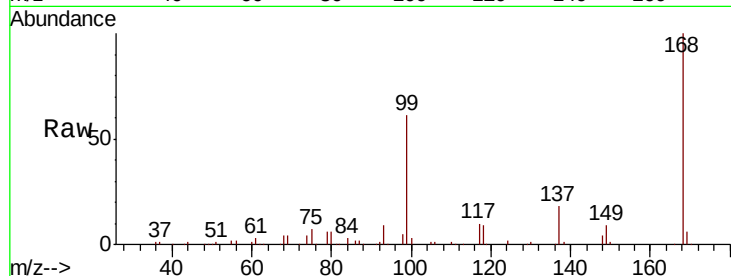
FA19-USMW025

Tot Ion:168 Resp: 163337

Ion Ratio Lower Upper

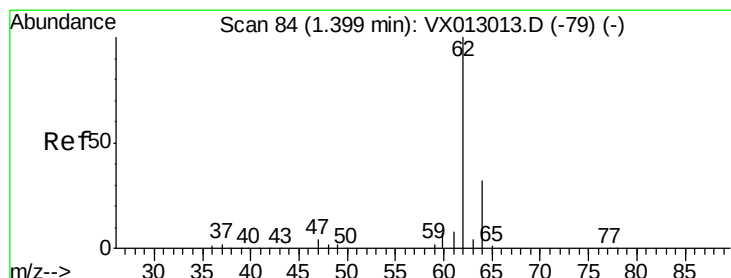
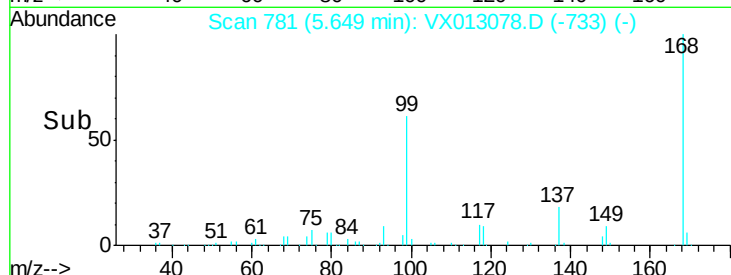
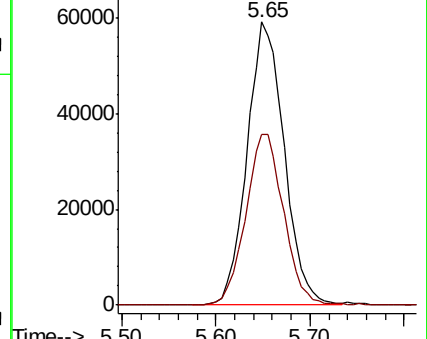
168 100

99 60.5 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: 1.204 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013078.D

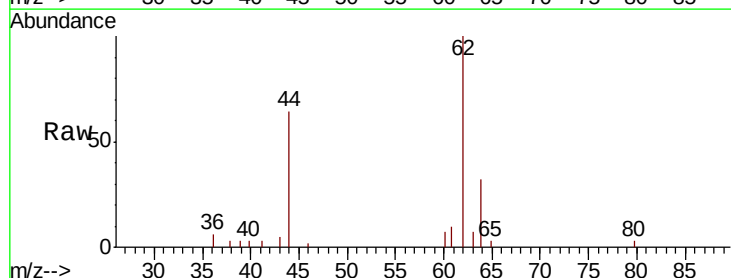
Acq: 15 Oct 2019 15:17

Tgt Ion: 62 Resp: 2252

Ion Ratio Lower Upper

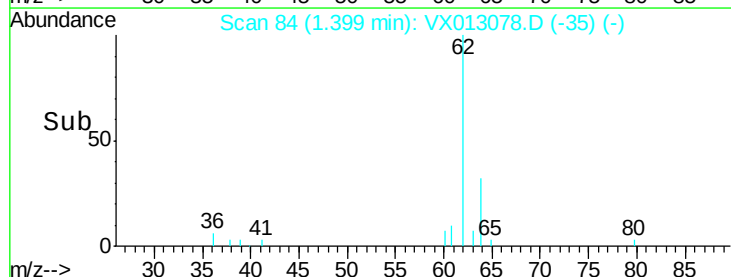
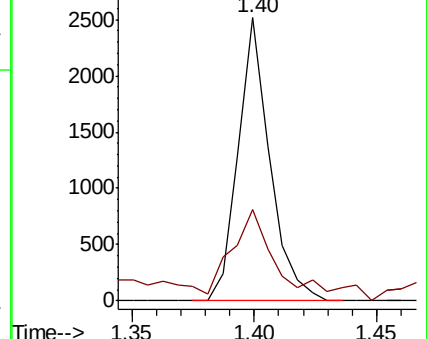
62 100

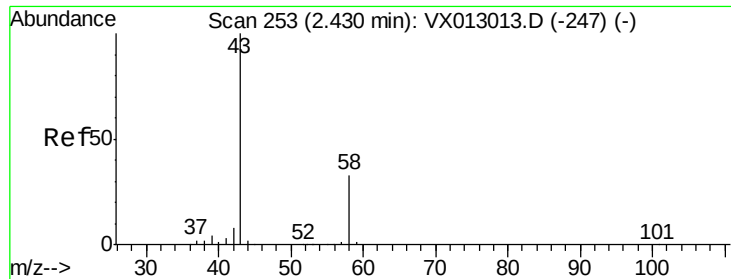
64 27.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 1.966 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013078.D

Acq: 15 Oct 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

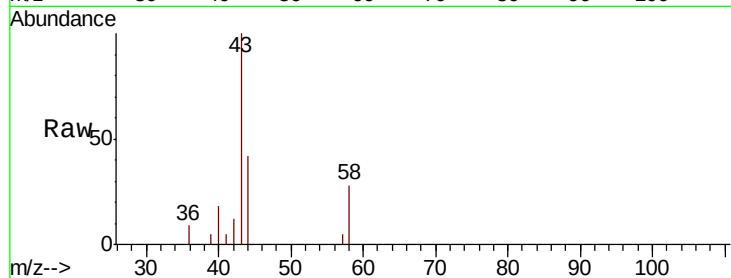
FA19-USMW025

Tot Ion: 43 Resp: 2116

Ion Ratio Lower Upper

43 100

58 28.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

1200

1000

800

600

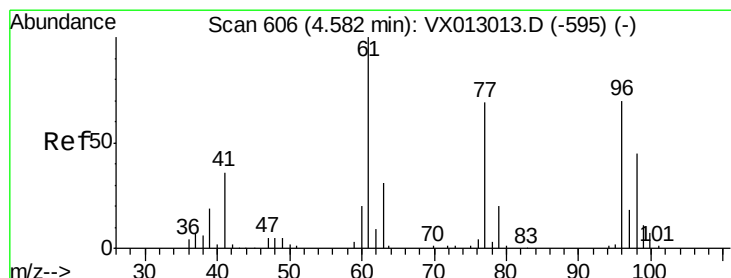
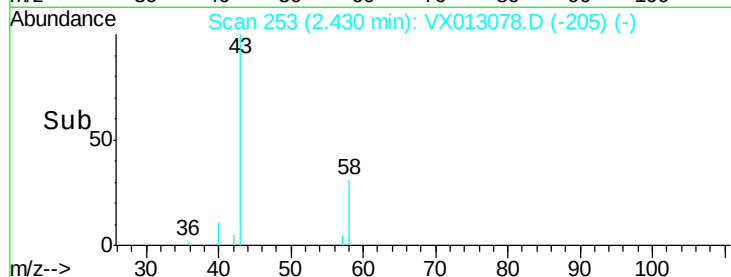
400

200

0

Time-->

2.40 2.45 2.50



#27

cis-1,2-Dichloroethene

Concen: 1.247 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX013078.D

Acq: 15 Oct 2019 15:17

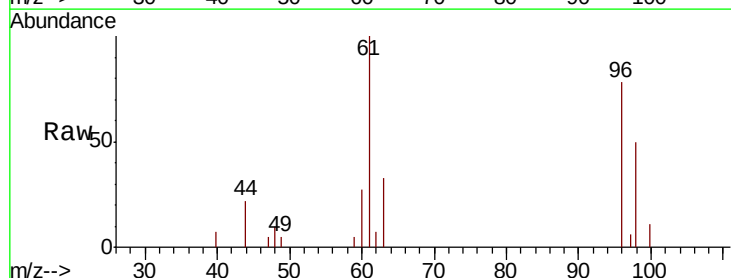
Tgt Ion: 96 Resp: 2542

Ion Ratio Lower Upper

96 100

61 139.8 0.0 290.6

98 72.3 0.0 128.8



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

1500

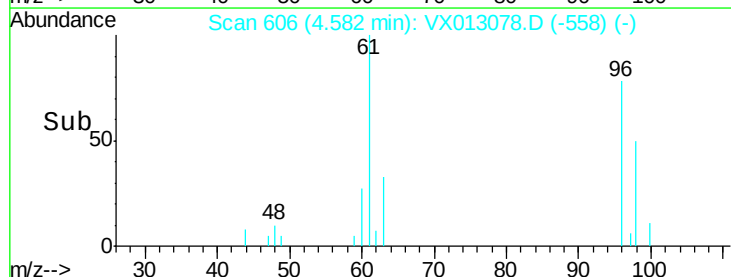
1000

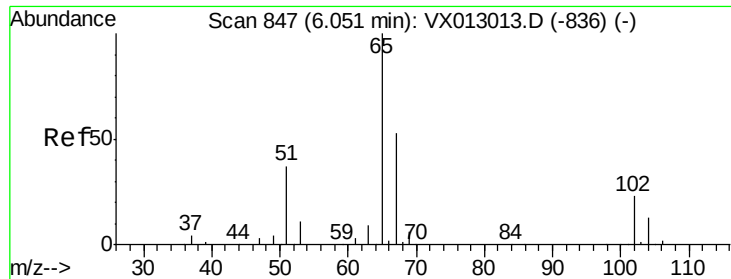
500

0

Time-->

4.50 4.55 4.60 4.65

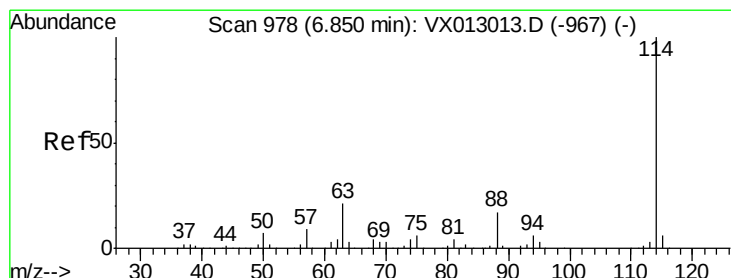
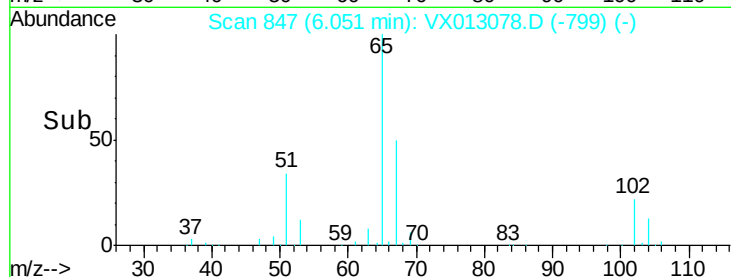
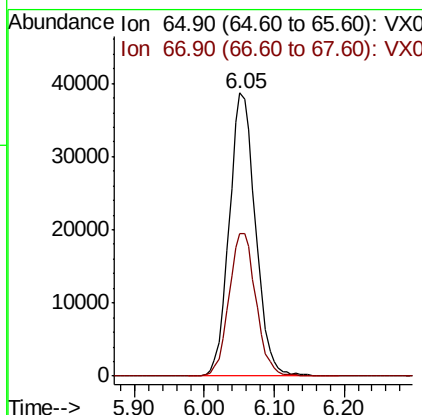
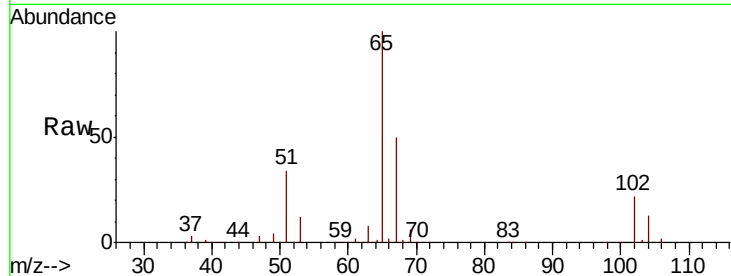




#33
 1,2-Dichloroethane-d4
 Concen: 49.535 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013078.D
 Acq: 15 Oct 2019 15:17

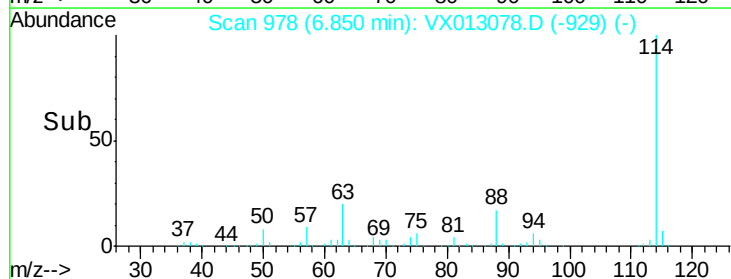
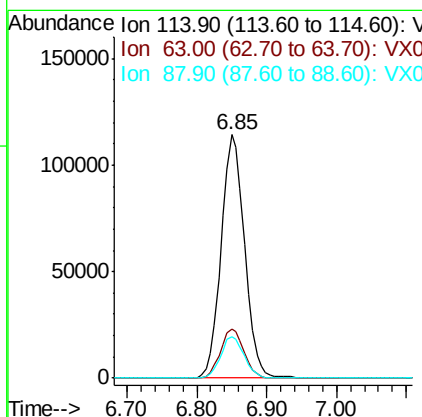
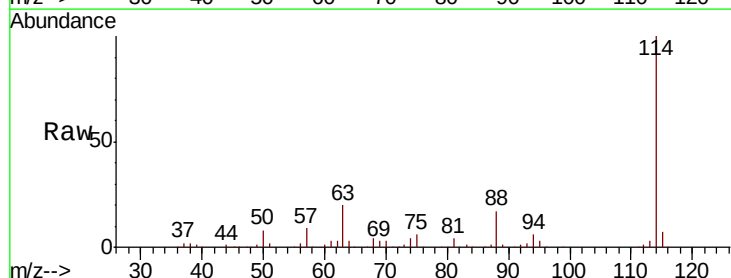
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-USMW025

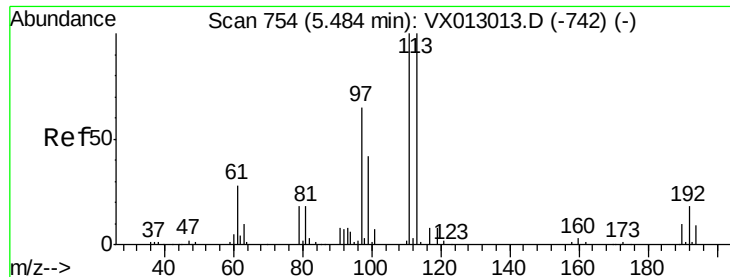
Tot Ion: 65 Resp: 101127
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013078.D
 Acq: 15 Oct 2019 15:17

Tgt Ion: 114 Resp: 266423
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 17.2 0.0 33.8

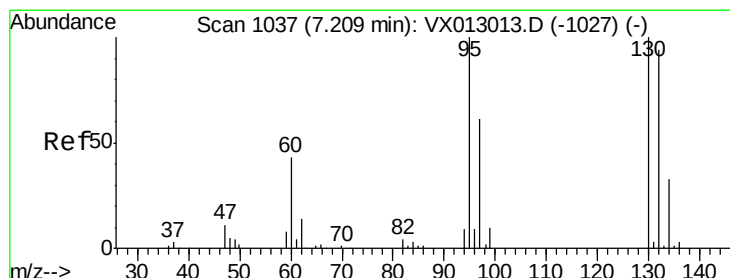
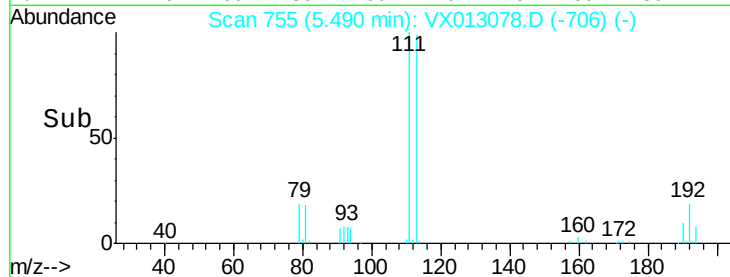
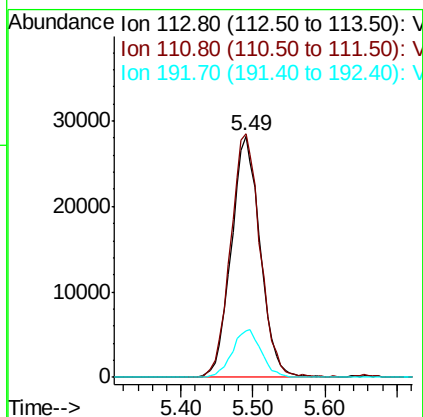
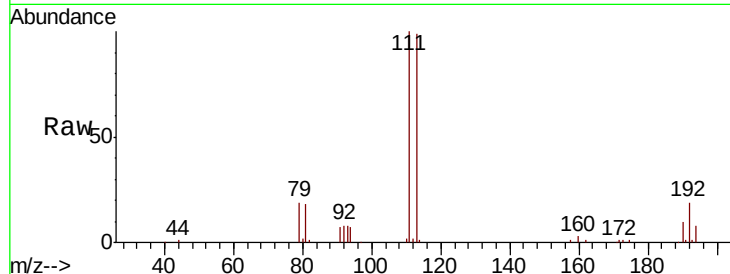




#35
 Dibromofluoromethane
 Concen: 51.449 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013078.D
 Acq: 15 Oct 2019 15:17

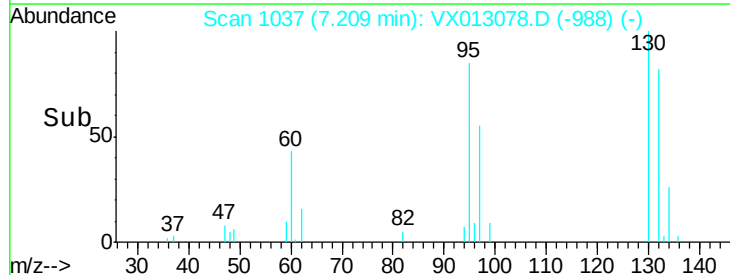
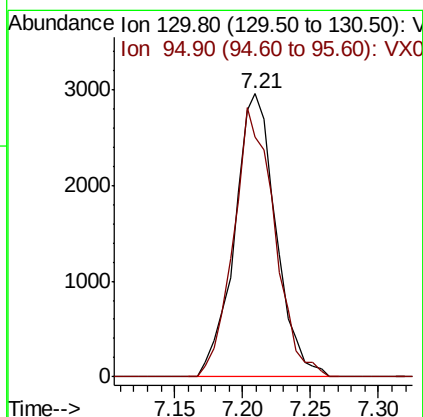
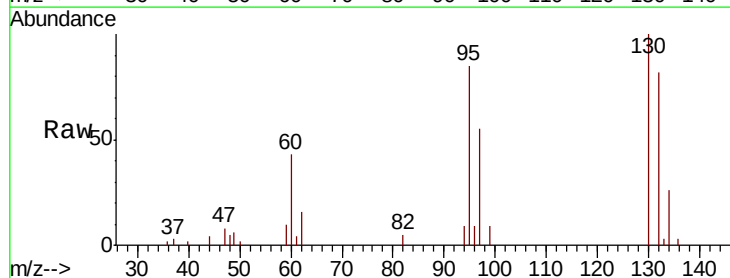
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-USMW025

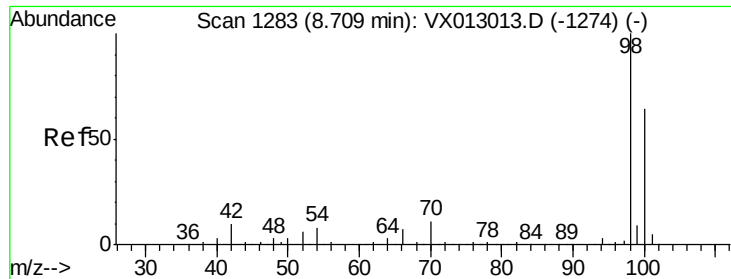
Tot Ion:113 Resp: 78672
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.2 124.8
 192 19.7 15.4 23.2



#44
 Trichloroethene
 Concen: 3.263 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX013078.D
 Acq: 15 Oct 2019 15:17

Tgt Ion:130 Resp: 6260
 Ion Ratio Lower Upper
 130 100
 95 84.7 0.0 189.2

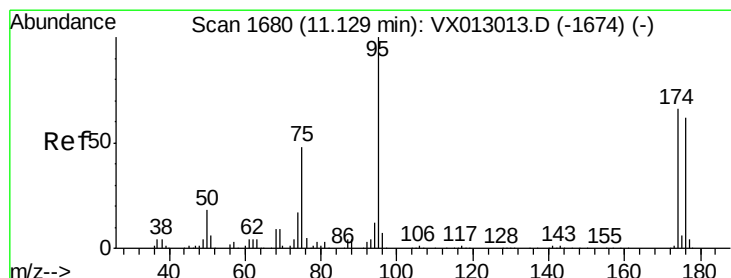
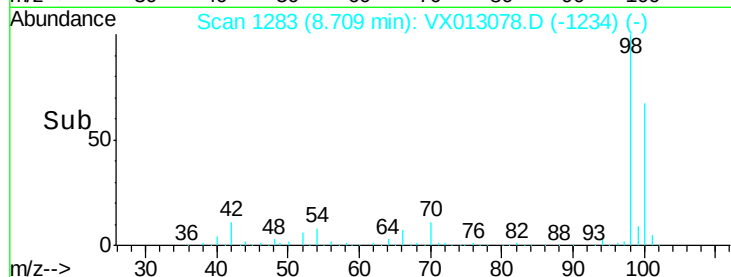
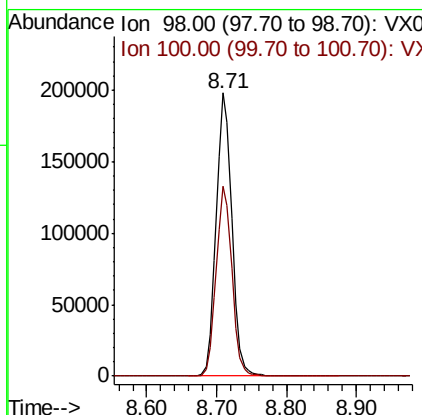
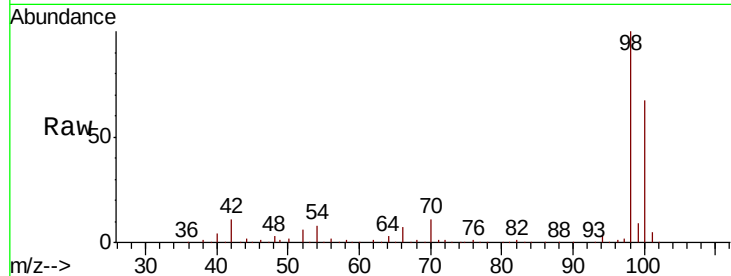




#50
Toluene-d8
Concen: 52.044 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013078.D
Acq: 15 Oct 2019 15:17

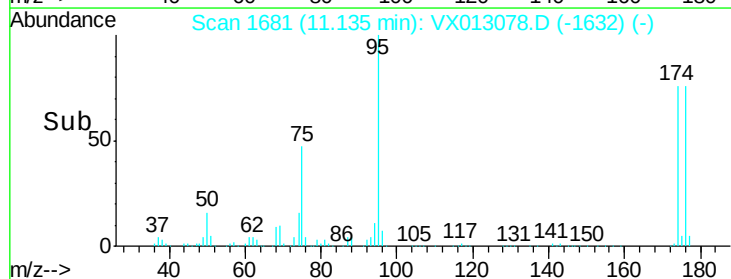
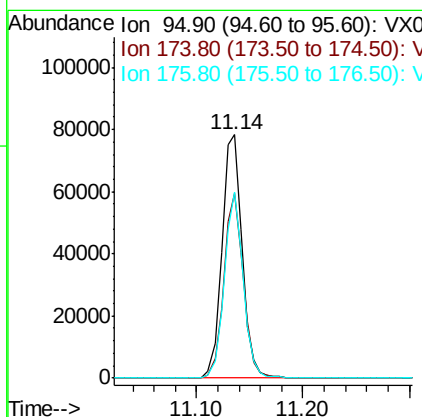
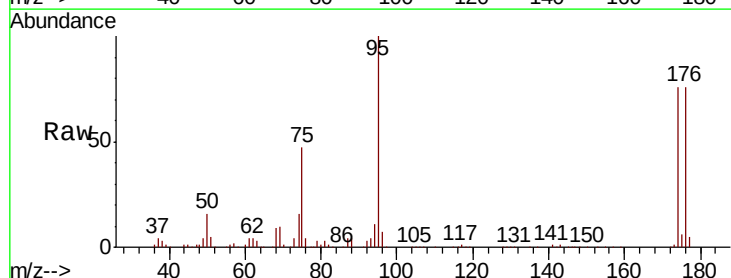
Instrument :
MSVOA_X
ClientSampleId :
FA19-USMW025

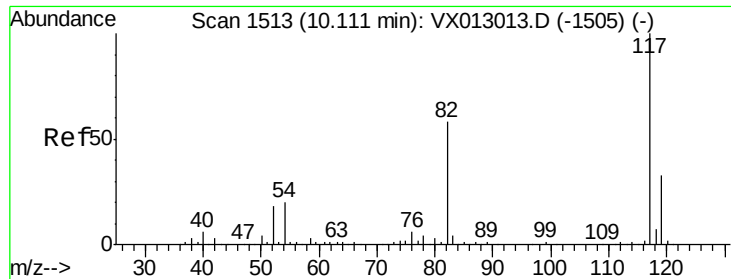
Tot Ion: 98 Resp: 310387
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.541 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013078.D
Acq: 15 Oct 2019 15:17

Tgt Ion: 95 Resp: 103217
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.4
176 71.8 0.0 136.0

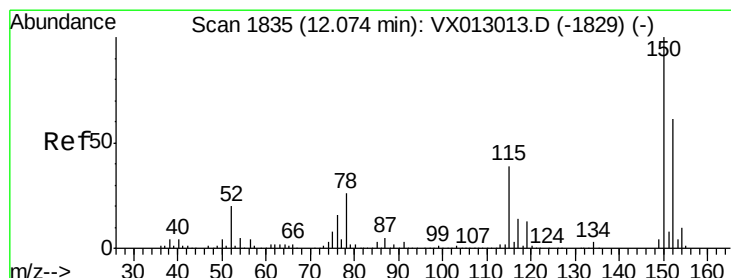
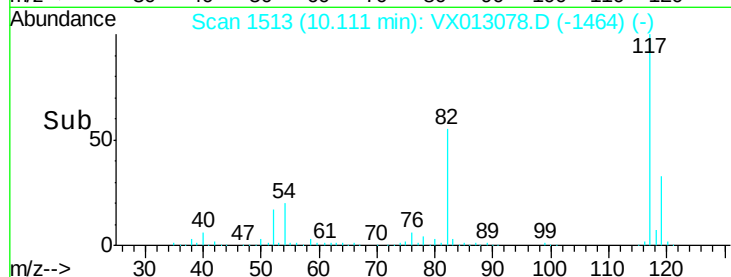
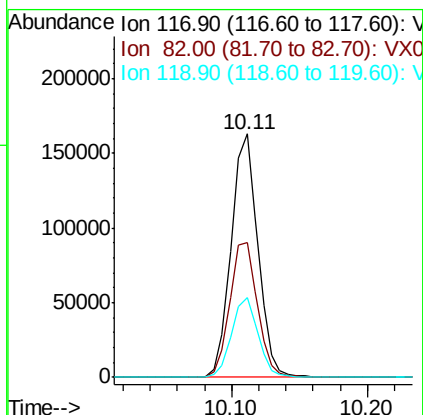
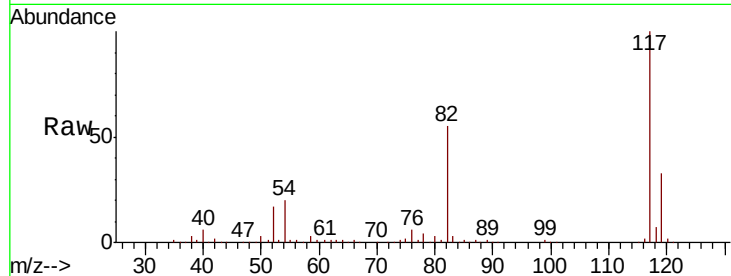




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013078.D
Acq: 15 Oct 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:117 Resp: 223496
Ion Ratio Lower Upper
117 100
82 55.3 44.1 66.1
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013078.D
Acq: 15 Oct 2019 15:17

Tgt Ion:152 Resp: 88636
Ion Ratio Lower Upper
152 100
115 63.5 44.5 133.5
150 157.3 0.0 353.4

