

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012046.D
 Acq On : 04 Sep 2019 12:32
 Operator : SY/SP
 Sample : K4646-10
 Misc : 5.79g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S602B-M-1.0-1.5-083019

Quant Time: Sep 21 04:04:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

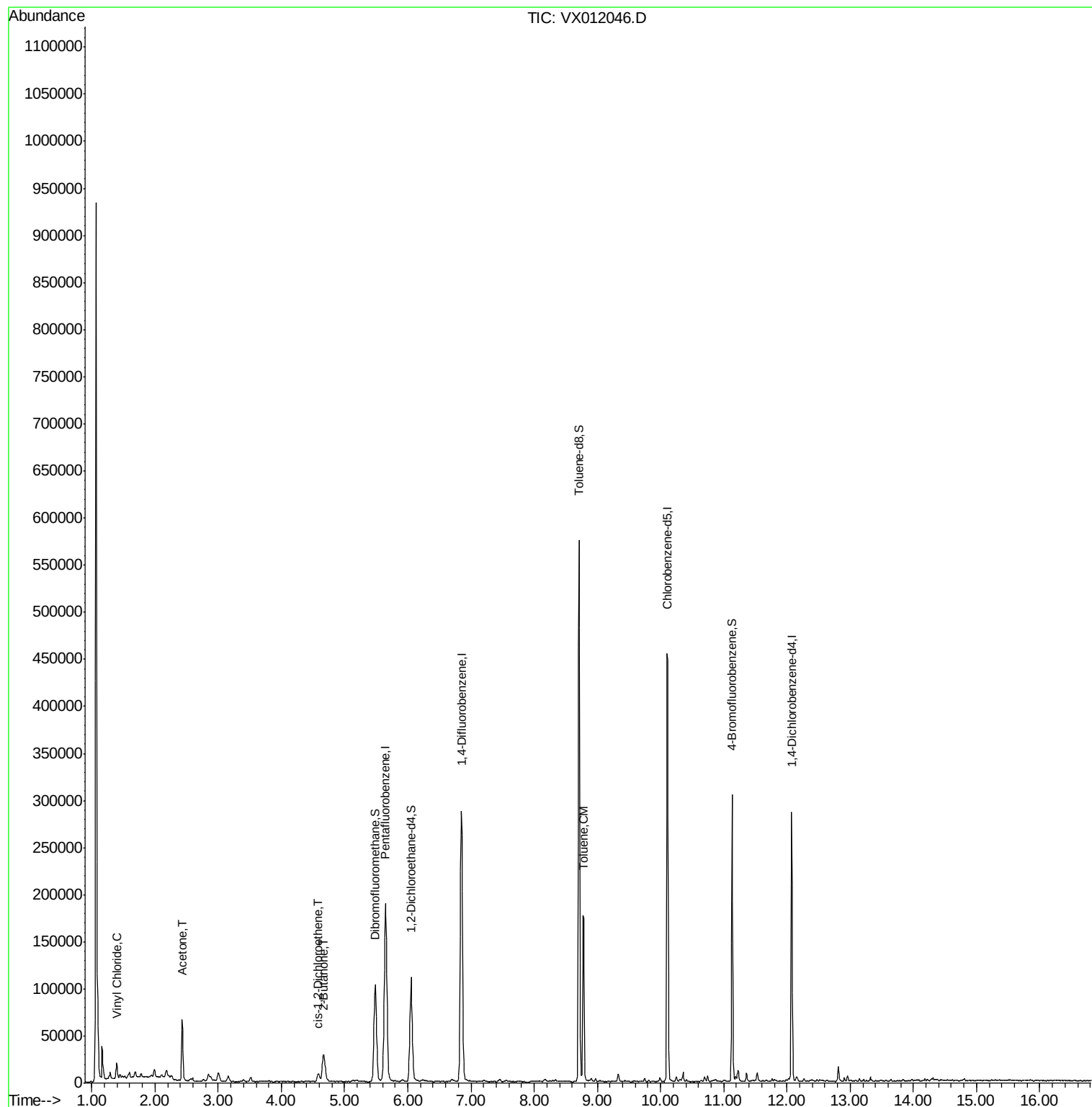
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	53799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109120	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.48	113	86737	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	8.71	98	318797	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	11.14	95	88472	29.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.86%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1938	1.346	ug/l #	88
16) Acetone	2.43	43	67565	126.433	ug/l	100
25) 2-Butanone	4.66	43	24562	36.108	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	5451	2.484	ug/l	99
52) Toluene	8.78	92	64739	13.972	ug/l	99

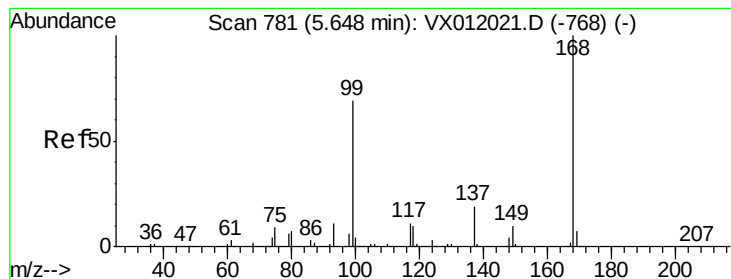
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012046.D

Acq: 04 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

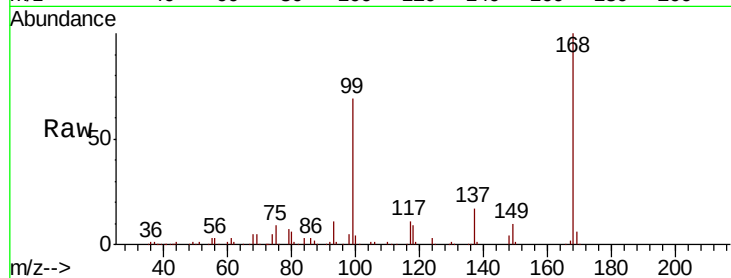
S602B-M-1.0-1.5-083019

Tot Ion:168 Resp: 162035

Ion Ratio Lower Upper

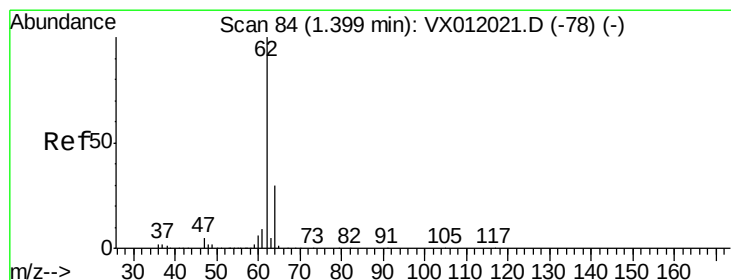
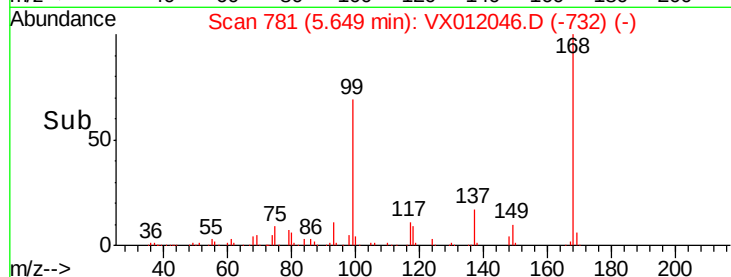
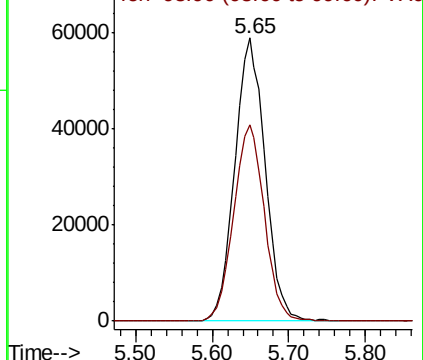
168 100

99 69.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.346 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012046.D

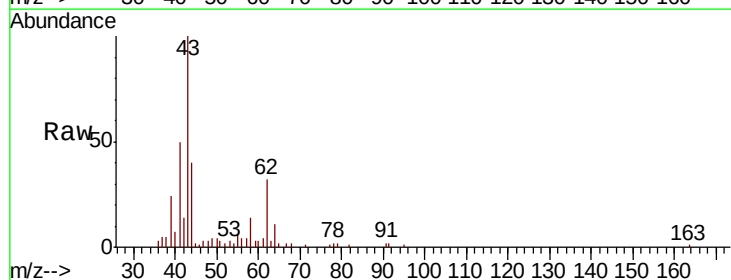
Acq: 04 Sep 2019 12:32

Tgt Ion: 62 Resp: 1938

Ion Ratio Lower Upper

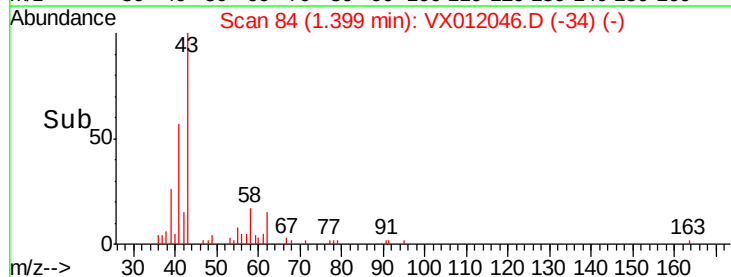
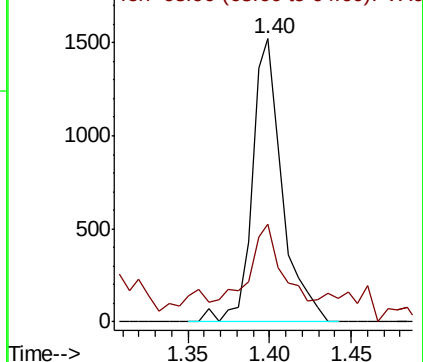
62 100

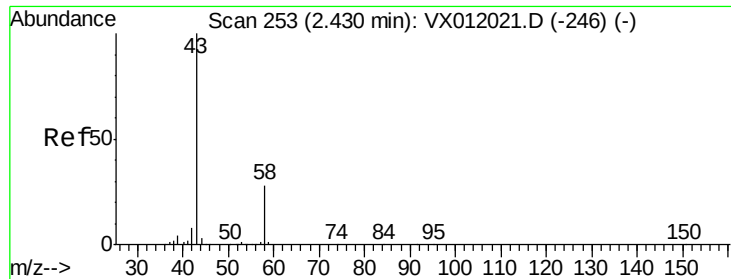
64 26.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

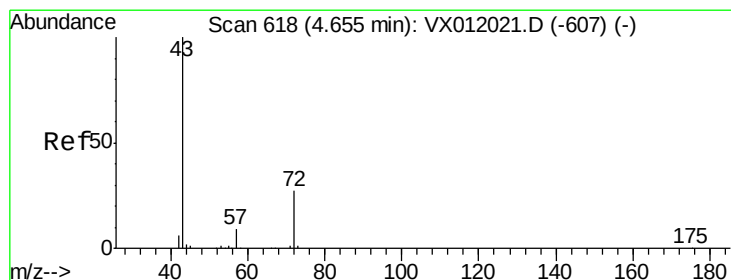
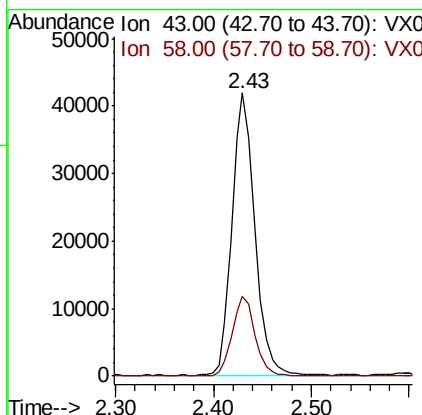
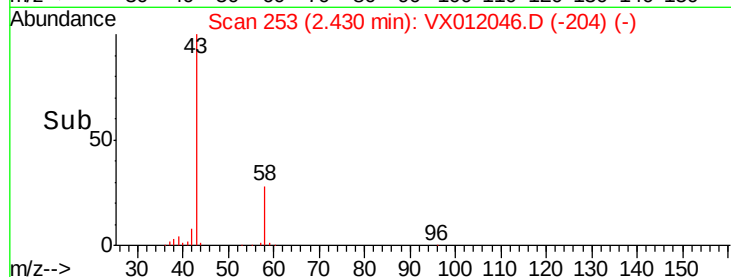
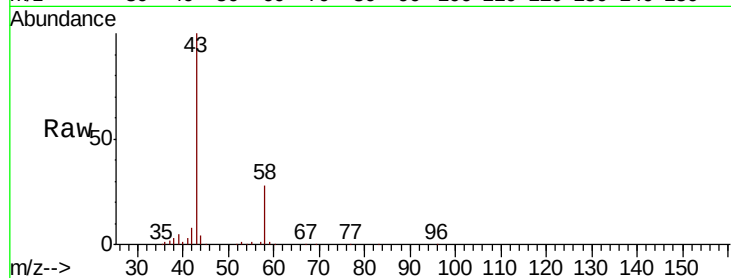




#16
Acetone
Concen: 126.433 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012046.D
Acq: 04 Sep 2019 12:32

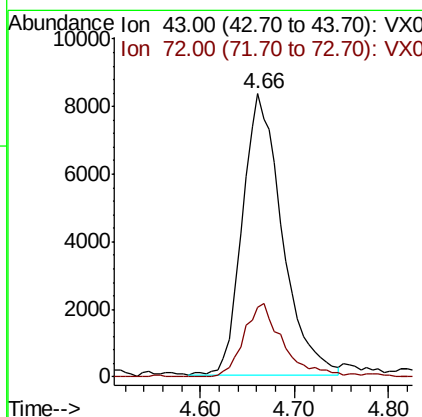
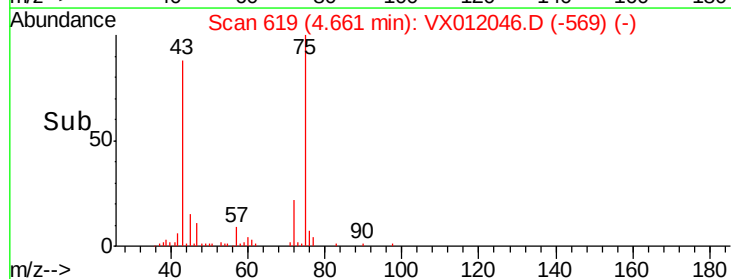
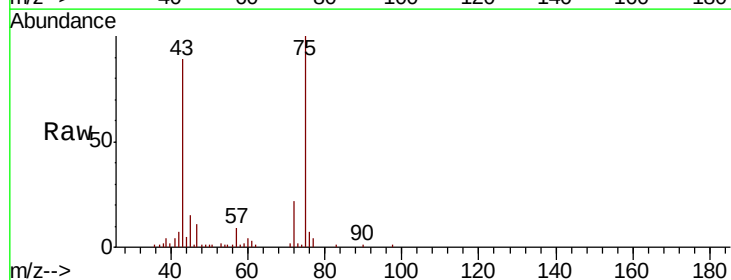
Instrument :
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ClientSampleId :
S602B-M-1.0-1.5-083019

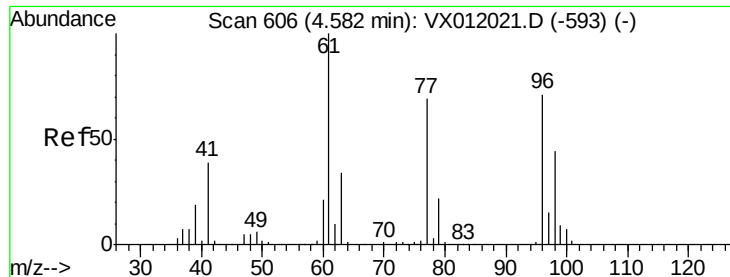
Tot Ion: 43 Resp: 67565
Ion Ratio Lower Upper
43 100
58 28.5 22.8 34.2



#25
2-Butanone
Concen: 36.108 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012046.D
Acq: 04 Sep 2019 12:32

Tgt Ion: 43 Resp: 24562
Ion Ratio Lower Upper
43 100
72 25.0 21.3 31.9





#27

cis-1,2-Dichloroethene

Concen: 2.484 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012046.D

Acq: 04 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

S602B-M-1.0-1.5-083019

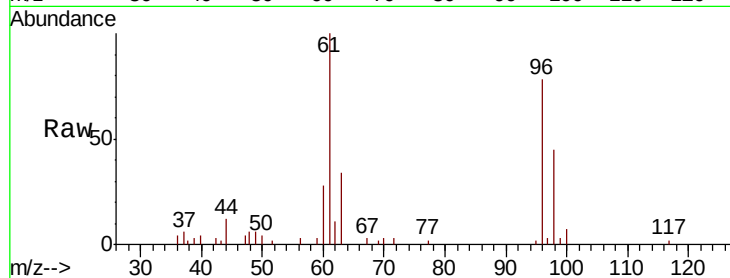
Tot Ion: 96 Resp: 5451

Ion Ratio Lower Upper

96 100

61 137.2 0.0 277.0

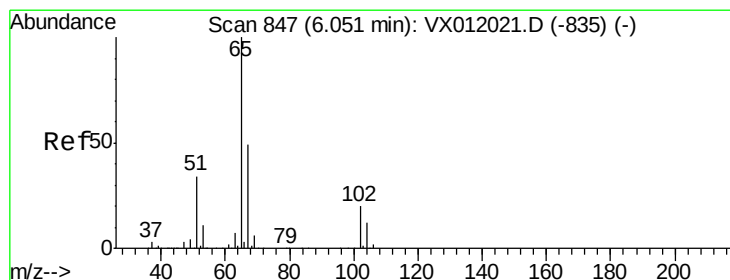
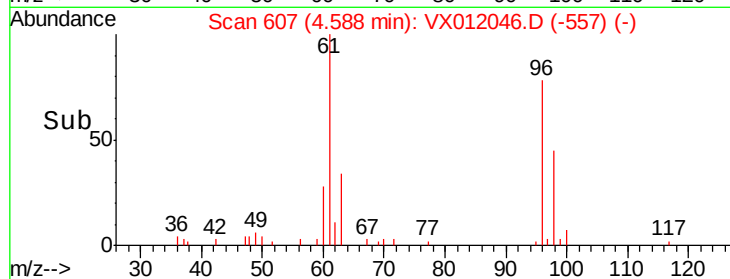
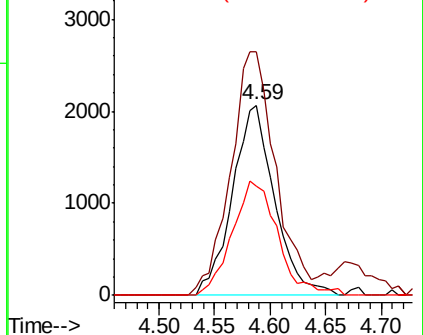
98 64.8 0.0 128.4



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



#33

1,2-Dichloroethane-d4

Concen: 48.807 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012046.D

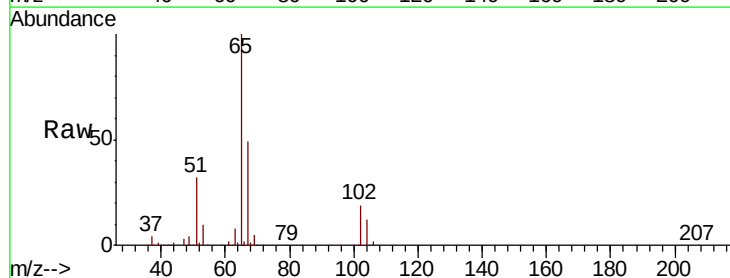
Acq: 04 Sep 2019 12:32

Tgt Ion: 65 Resp: 109120

Ion Ratio Lower Upper

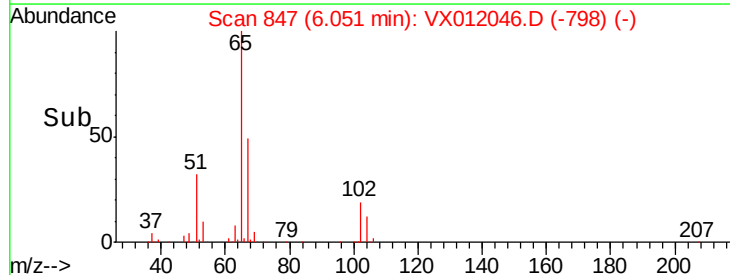
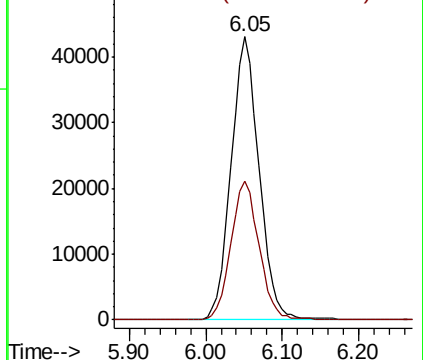
65 100

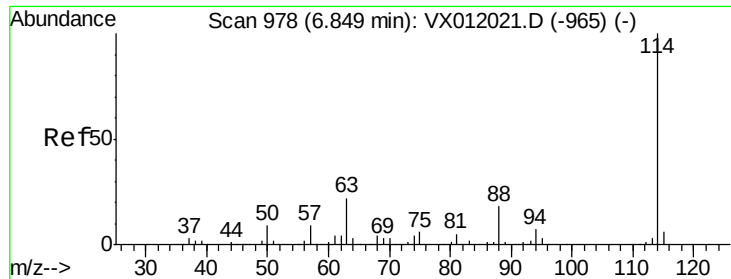
67 49.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

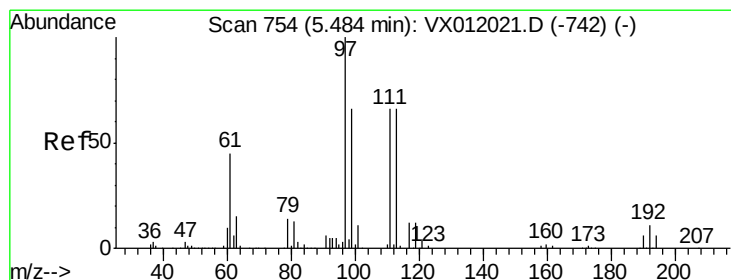
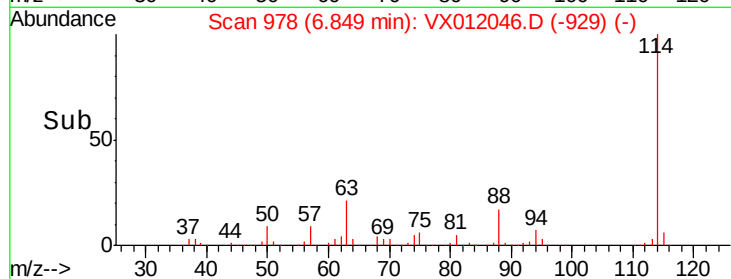
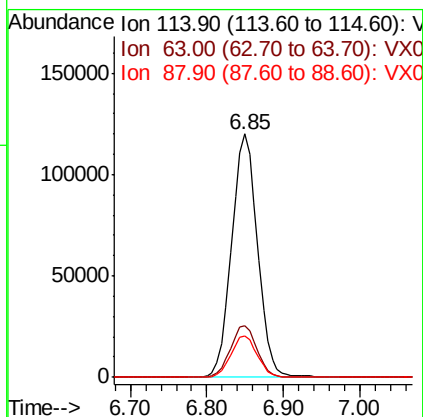
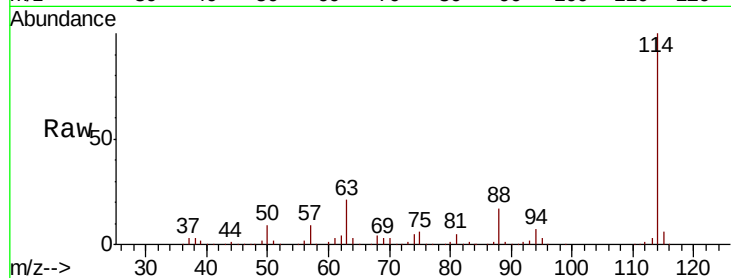




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012046.D
 Acq: 04 Sep 2019 12:32

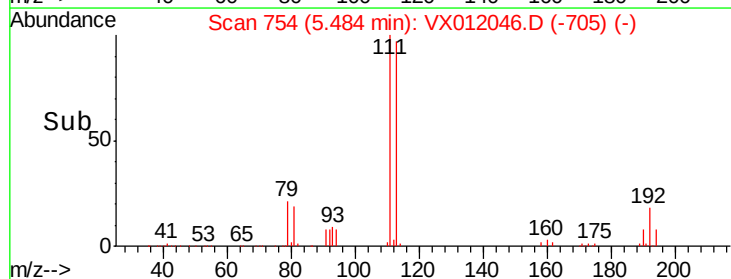
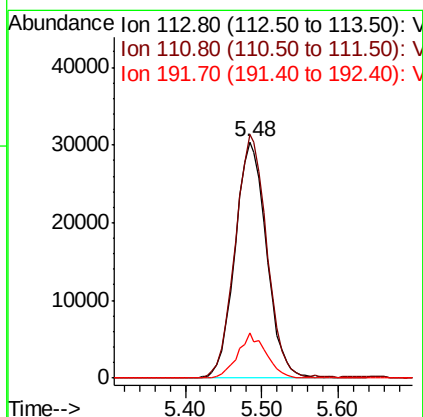
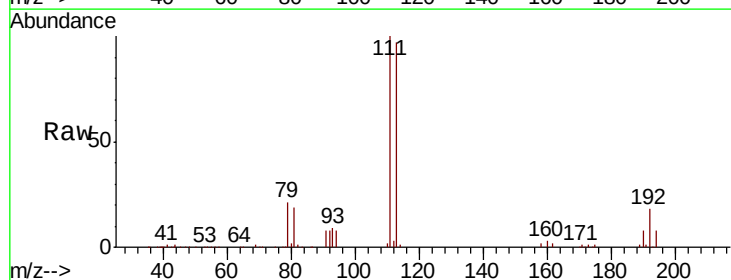
Instrument :
 MSVOA_X
 ClientSampleId :
 S602B-M-1.0-1.5-083019

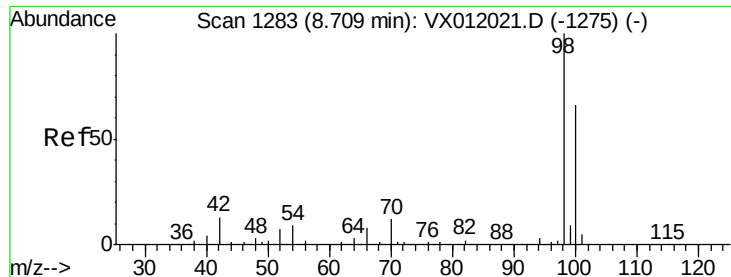
Tot Ion:114 Resp: 281639
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 17.2 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 50.079 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012046.D
 Acq: 04 Sep 2019 12:32

Tgt Ion:113 Resp: 86737
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.7 122.5
 192 17.1 22.5 33.7#

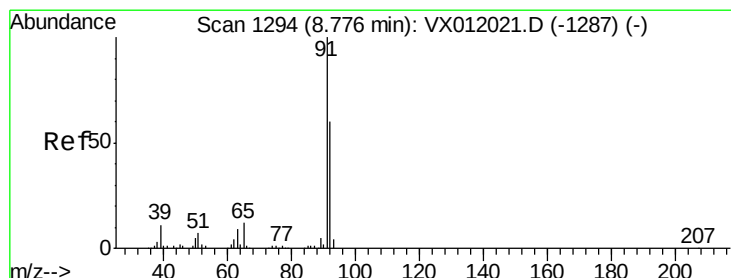
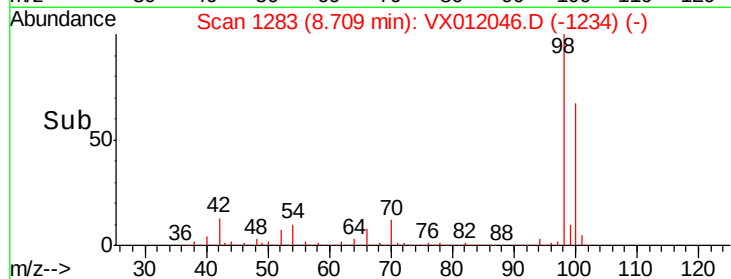
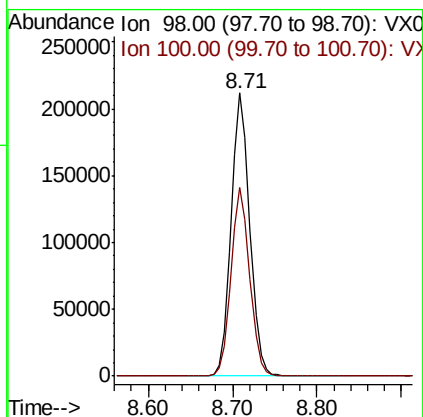
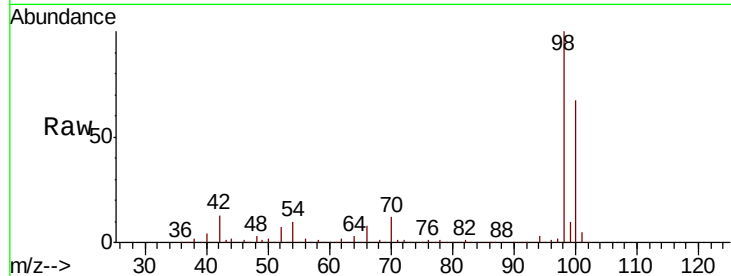




#50
Toluene-d8
Concen: 50.160 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012046.D
Acq: 04 Sep 2019 12:32

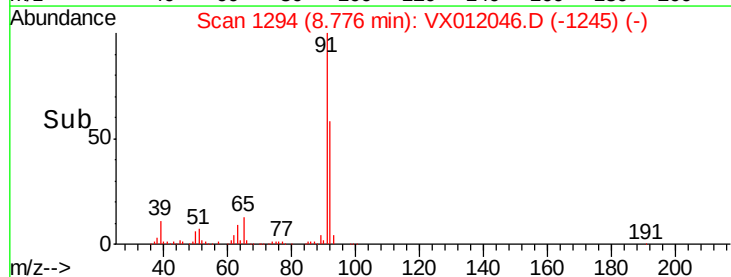
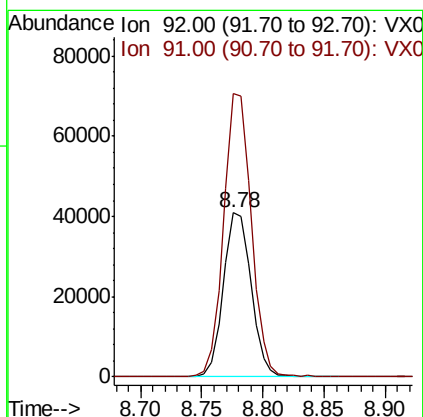
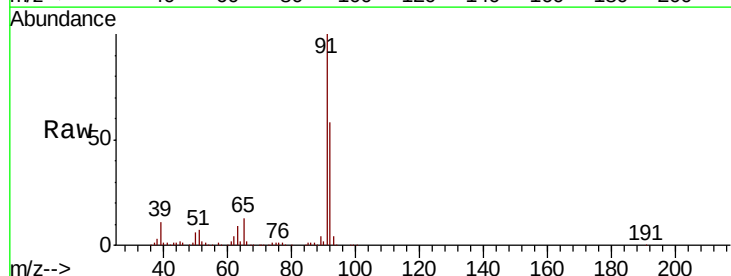
Instrument :
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ClientSampleId :
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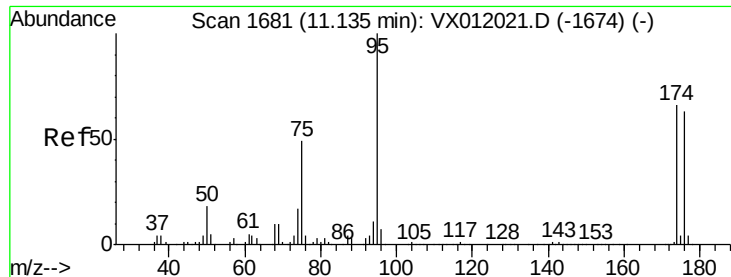
Tot Ion: 98 Resp: 318797
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



#52
Toluene
Concen: 13.972 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012046.D
Acq: 04 Sep 2019 12:32

Tgt Ion: 92 Resp: 64739
Ion Ratio Lower Upper
92 100
91 171.0 136.0 204.0





#62

4-Bromofluorobenzene

Concen: 29.932 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012046.D

Acq: 04 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

S602B-M-1.0-1.5-083019

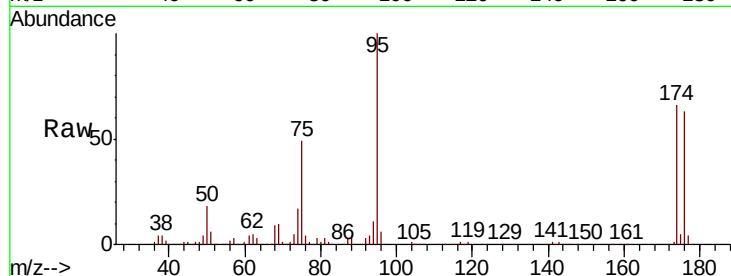
Tot Ion: 95 Resp: 88472

Ion Ratio Lower Upper

95 100

174 63.2 0.0 205.4

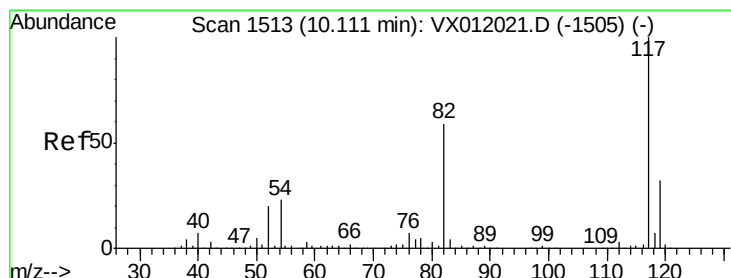
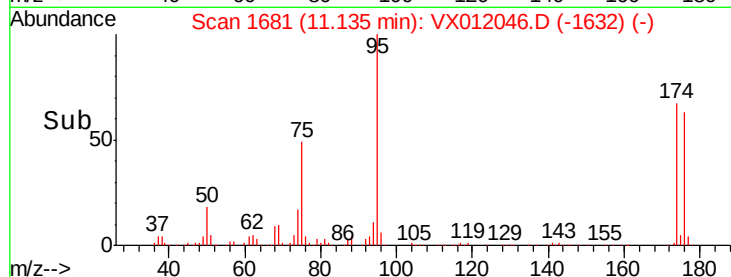
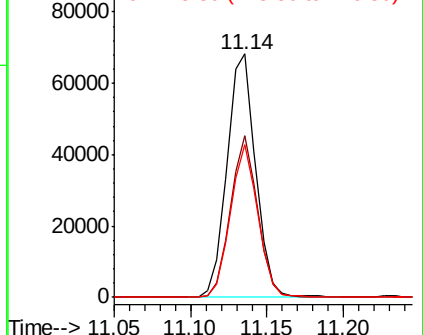
176 60.2 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012046.D

Acq: 04 Sep 2019 12:32

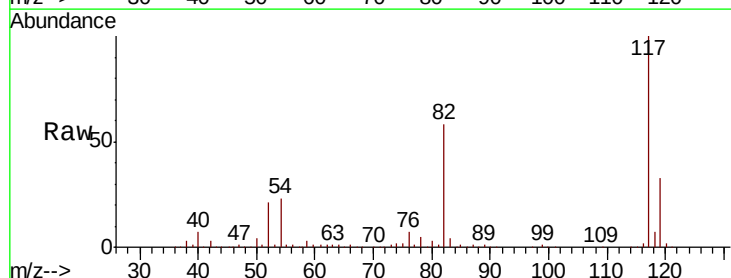
Tgt Ion: 117 Resp: 202998

Ion Ratio Lower Upper

117 100

82 57.8 39.4 59.0

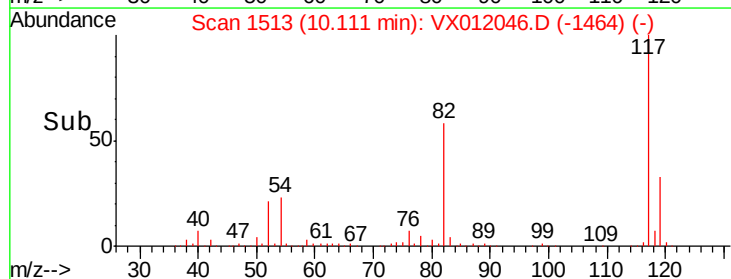
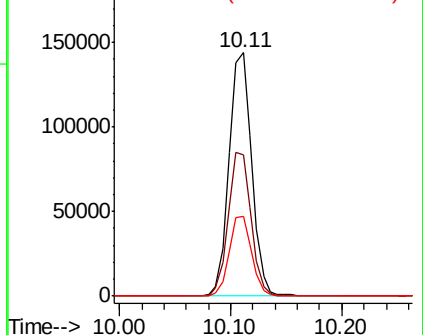
119 32.7 26.1 39.1

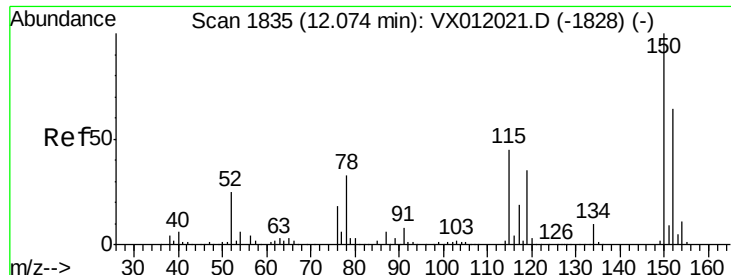


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX012046.D

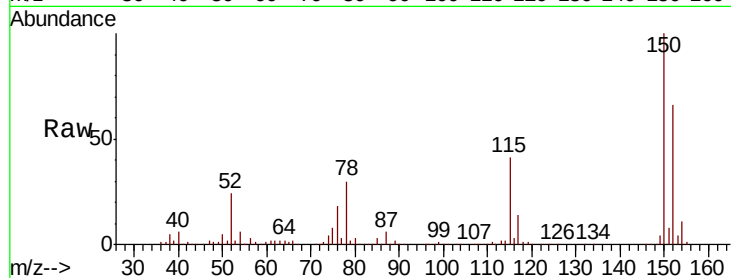
Acq: 04 Sep 2019 12:32

Instrument :

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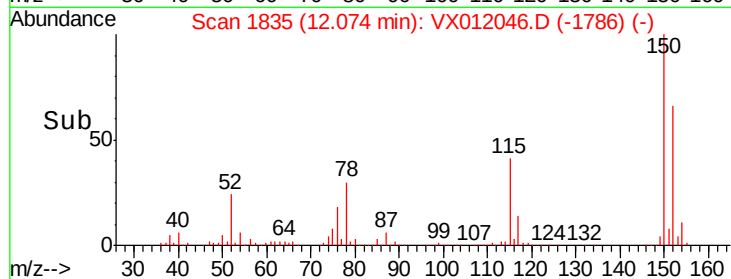
Tot Ion:152 Resp: 53799

Ion Ratio Lower Upper

152 100

115 64.7 36.4 109.3

150 154.6 0.0 341.2



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

