

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012053.D
 Acq On : 04 Sep 2019 15:48
 Operator : SY/SP
 Sample : K4646-10RE
 Misc : 5.58g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 21 04:05:10 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

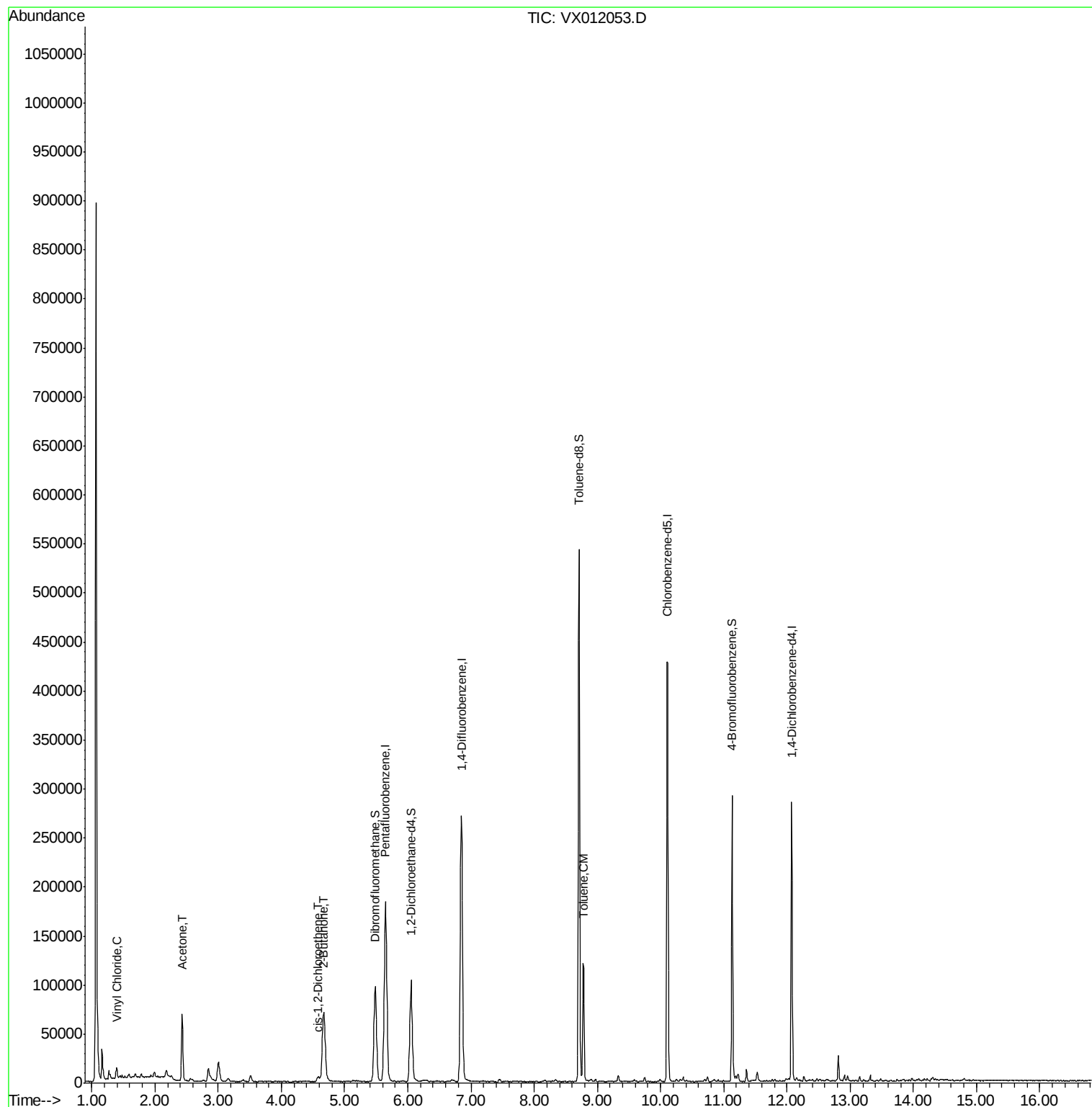
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	192887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	51553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103025	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
35) Dibromofluoromethane	5.48	113	82334	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	8.71	98	307273	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.14	95	83774	30.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.32%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1712	1.255	ug/l	90
16) Acetone	2.43	43	70256	138.763	ug/l	99
25) 2-Butanone	4.66	43	25288	39.238	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	3159	1.519	ug/l	95
52) Toluene	8.78	92	43701	10.036	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012053.D

Acq: 04 Sep 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

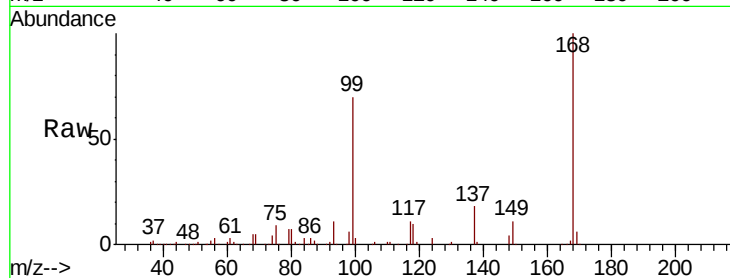
S602B-M-1.0-1.5-083019RE

Tot Ion:168 Resp: 153517

Ion Ratio Lower Upper

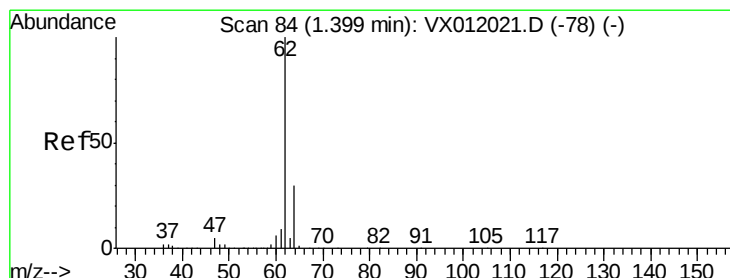
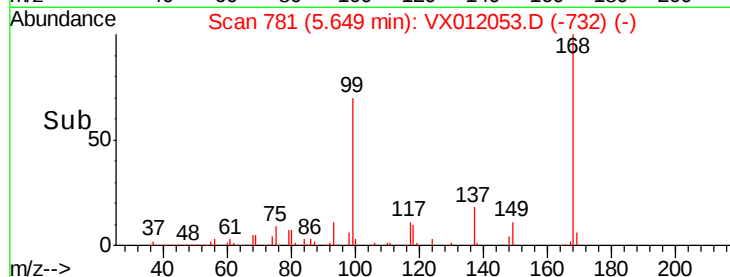
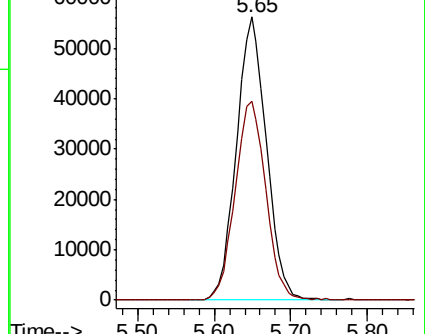
168 100

99 70.5 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: 1.255 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012053.D

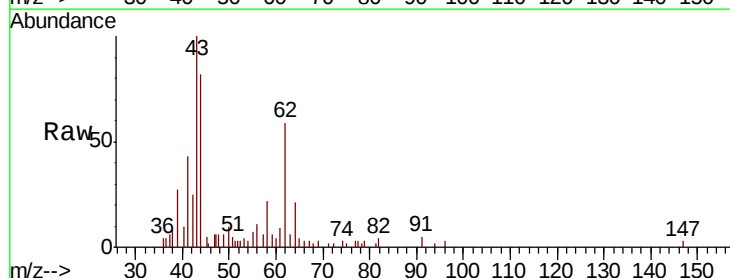
Acq: 04 Sep 2019 15:48

Tgt Ion: 62 Resp: 1712

Ion Ratio Lower Upper

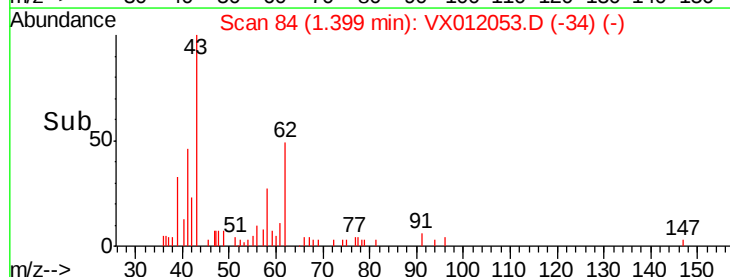
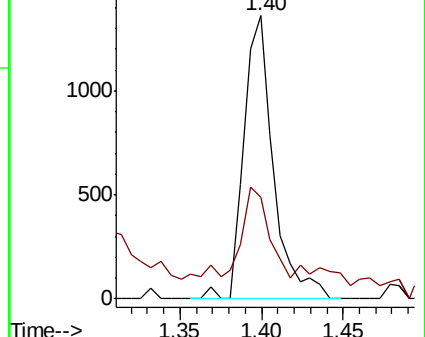
62 100

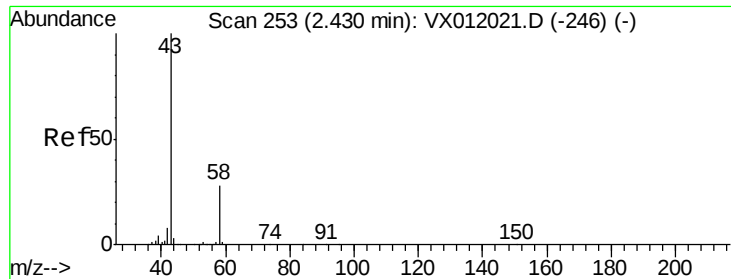
64 27.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

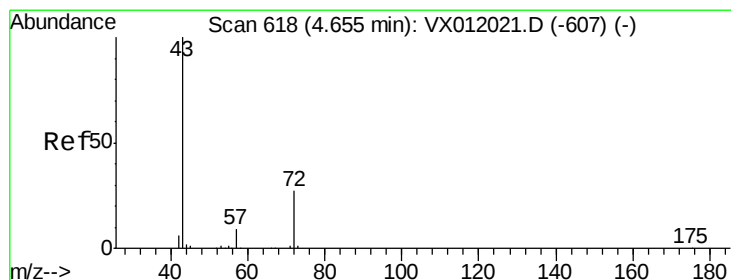
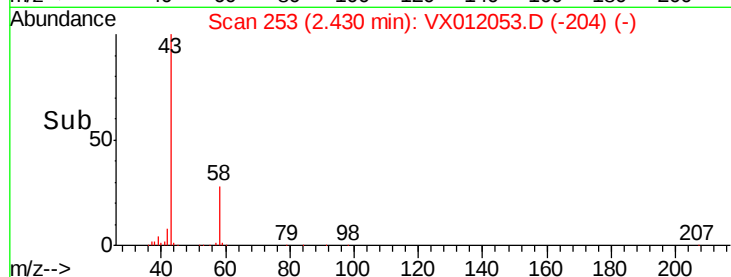
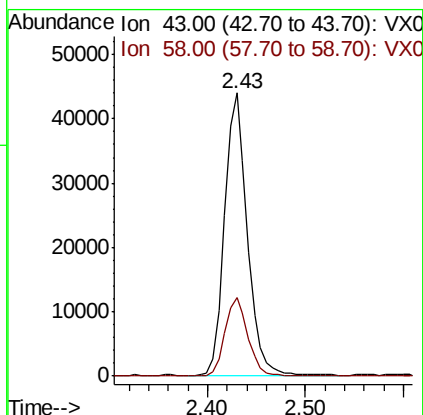
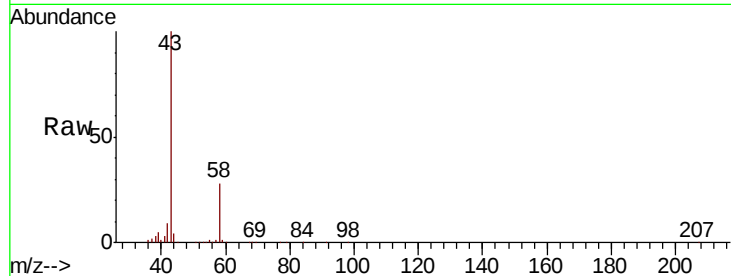




#16
Acetone
Concen: 138.763 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

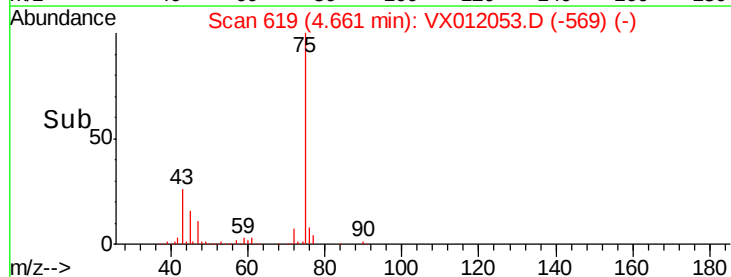
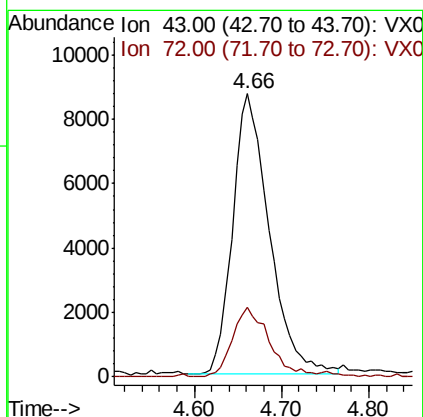
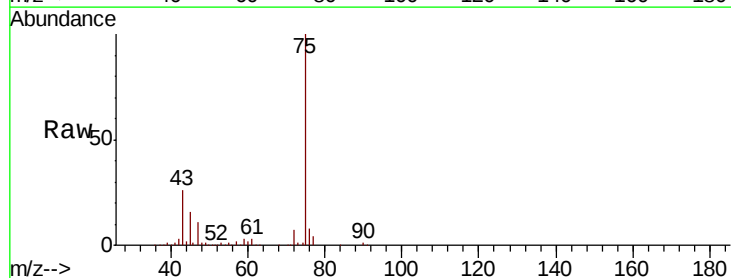
Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

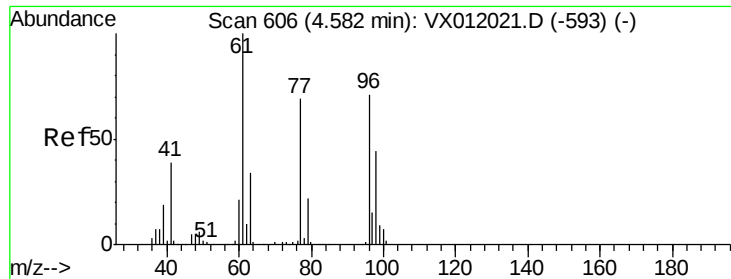
Tot Ion: 43 Resp: 70256
Ion Ratio Lower Upper
43 100
58 27.9 22.8 34.2



#25
2-Butanone
Concen: 39.238 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 43 Resp: 25288
Ion Ratio Lower Upper
43 100
72 25.0 21.3 31.9



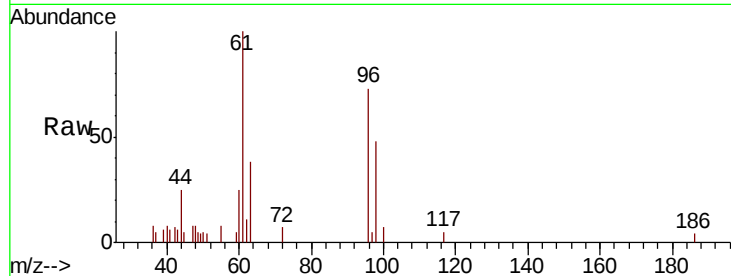


#27

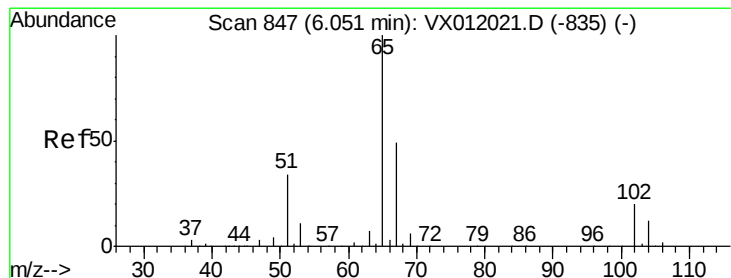
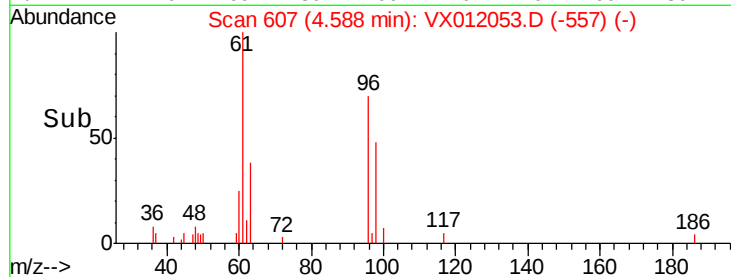
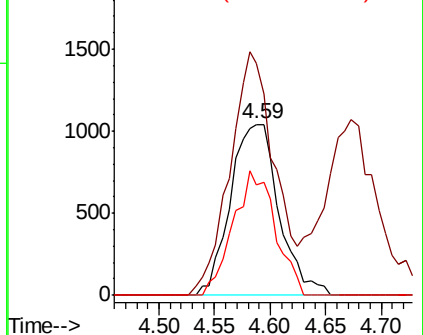
cis-1,2-Dichloroethene
 Concen: 1.519 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012053.D
 Acq: 04 Sep 2019 15:48

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

Tot Ion: 96 Resp: 3159
 Ion Ratio Lower Upper
 96 100
 61 130.8 0.0 277.0
 98 63.0 0.0 128.4



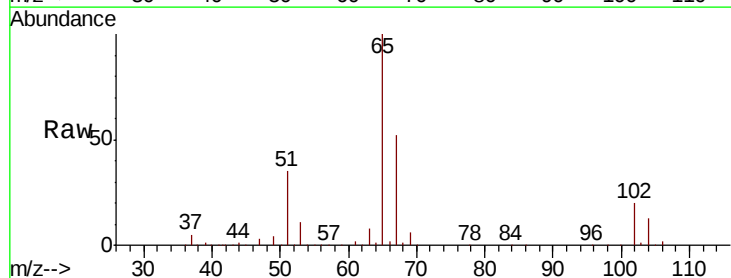
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



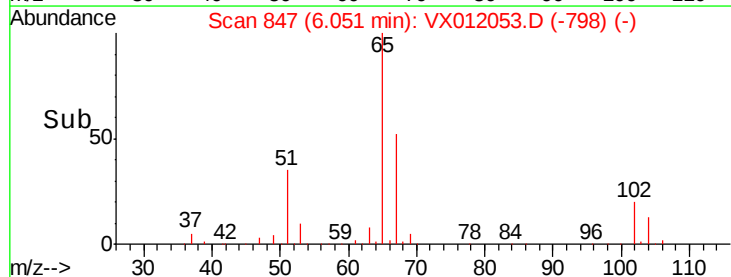
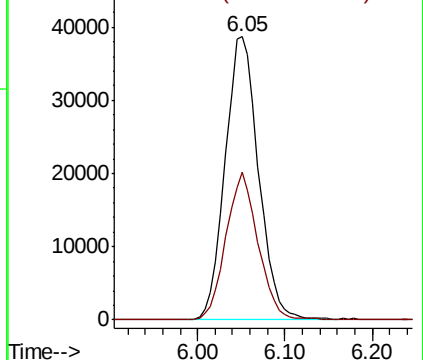
#33

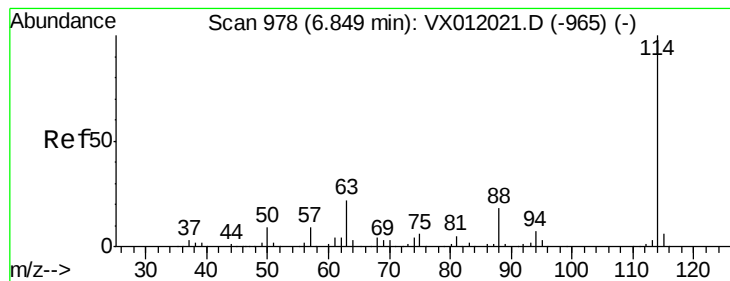
1,2-Dichloroethane-d4
 Concen: 48.637 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012053.D
 Acq: 04 Sep 2019 15:48

Tgt Ion: 65 Resp: 103025
 Ion Ratio Lower Upper
 65 100
 67 49.8 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: VX012053.D

Acq: 04 Sep 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

S602B-M-1.0-1.5-083019RE

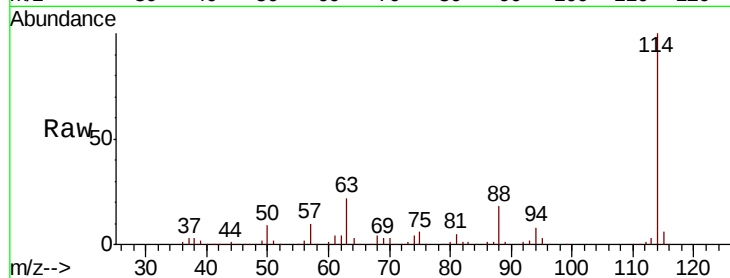
Tot Ion:114 Resp: 264673

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

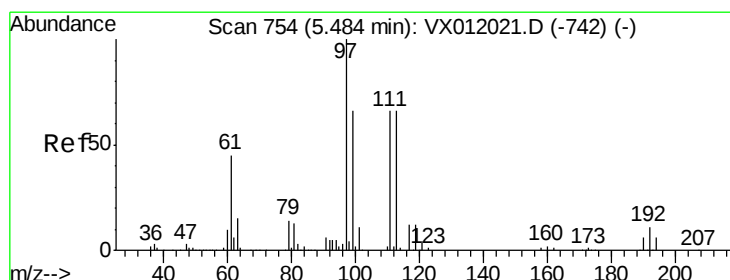
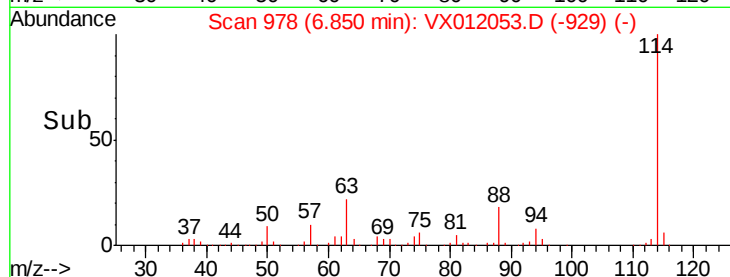
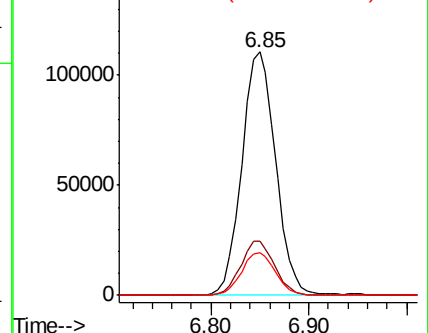
88 17.6 0.0 29.6



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: 50.584 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012053.D

Acq: 04 Sep 2019 15:48

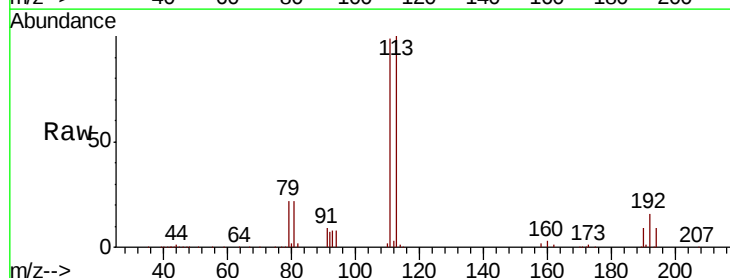
Tgt Ion:113 Resp: 82334

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

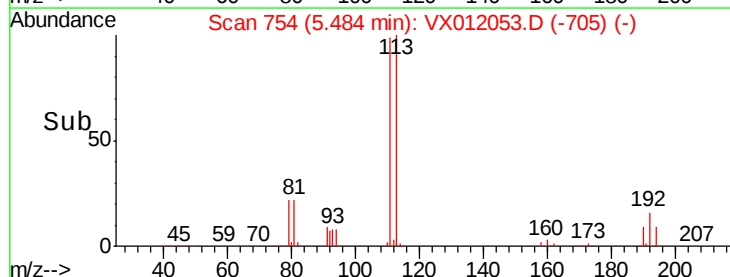
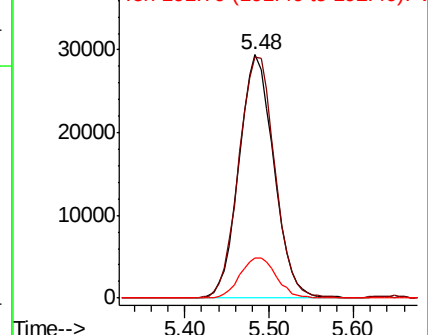
192 17.2 22.5 33.7#

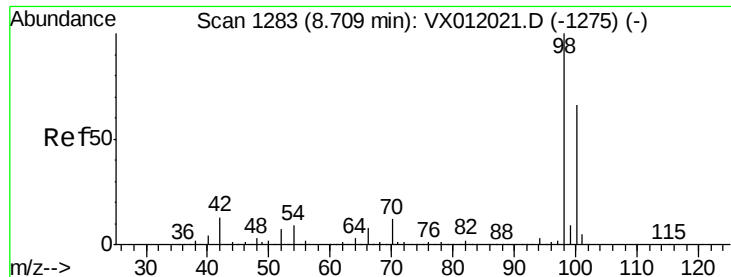


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

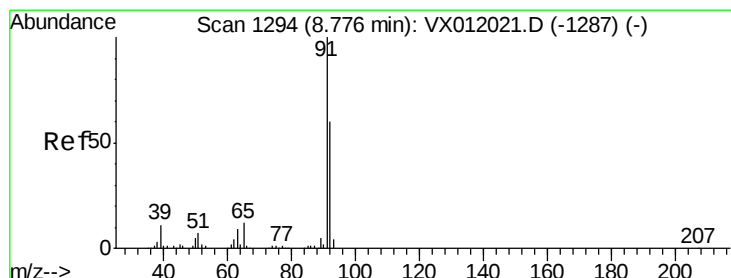
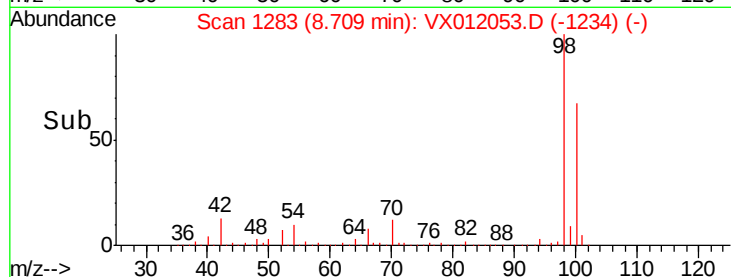
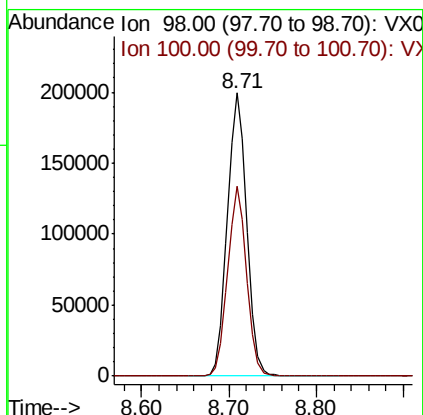
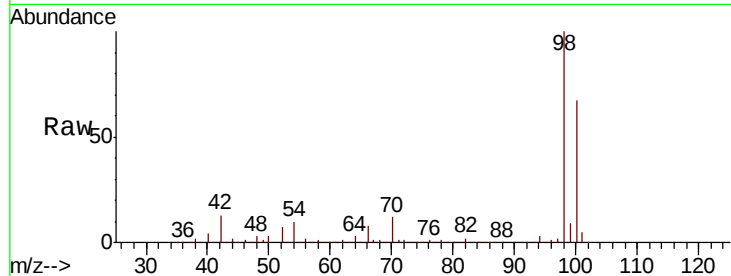




#50
Toluene-d8
Concen: 51.446 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

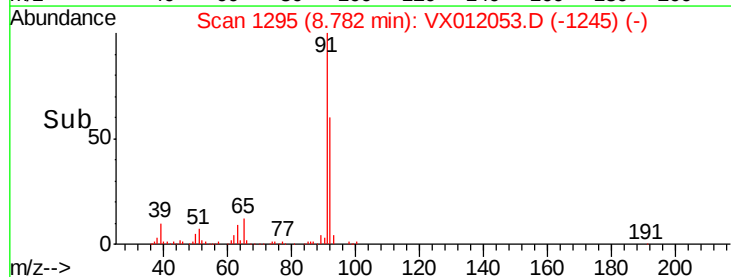
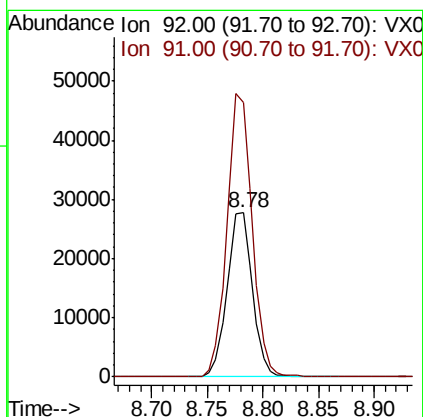
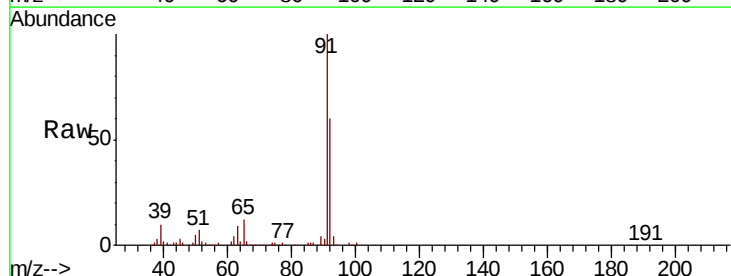
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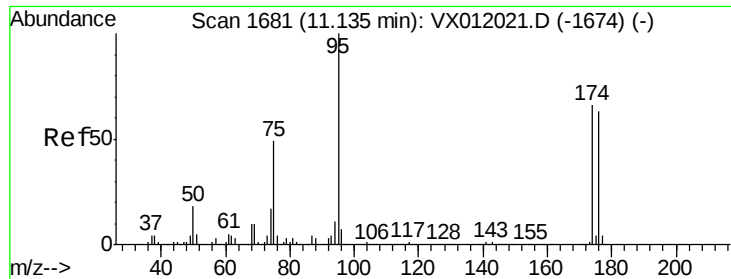
Tot Ion: 98 Resp: 307273
Ion Ratio Lower Upper
98 100
100 65.3 53.3 79.9



#52
Toluene
Concen: 10.036 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 92 Resp: 43701
Ion Ratio Lower Upper
92 100
91 171.4 136.0 204.0

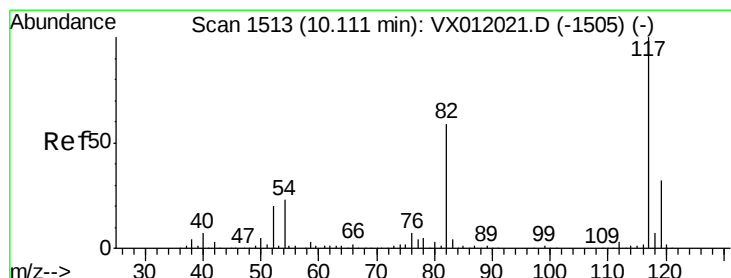
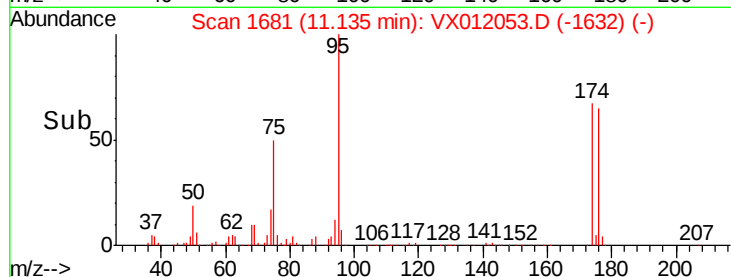
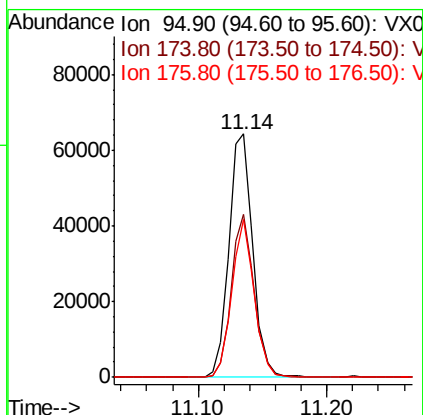
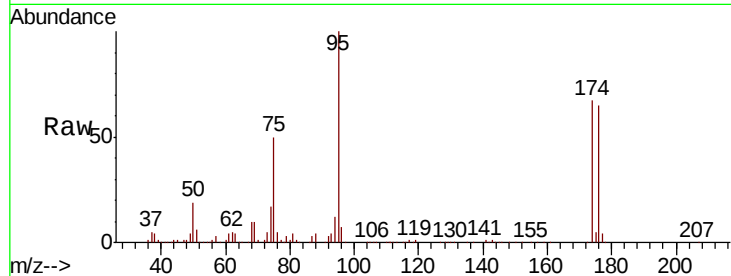




#62
4-Bromofluorobenzene
Concen: 30.160 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

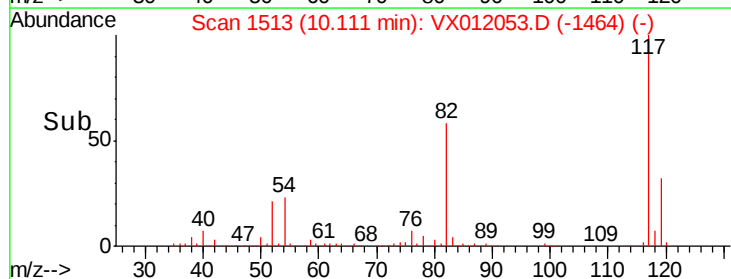
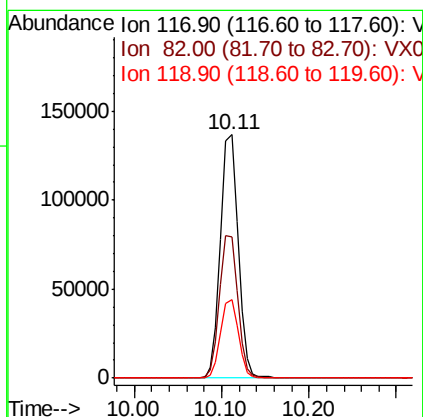
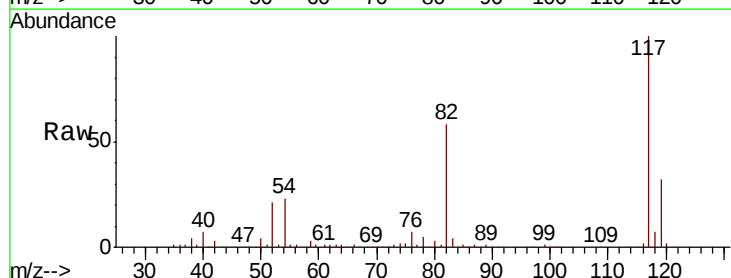
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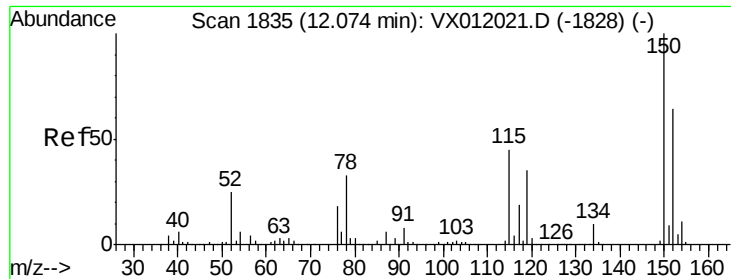
Tot Ion: 95 Resp: 83774
Ion Ratio Lower Upper
95 100
174 63.9 0.0 205.4
176 60.4 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 117 Resp: 192887
Ion Ratio Lower Upper
117 100
82 58.1 39.4 59.0
119 32.1 26.1 39.1

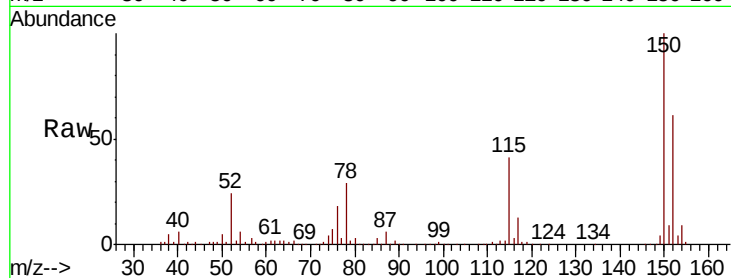




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012053.D
 Acq: 04 Sep 2019 15:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
115	67.1	36.4	109.3
150	161.1	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

