

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021419\
 Data File : VX007522.D
 Acq On : 13 Feb 2019 16:04
 Operator : JC/SP
 Sample : K1460-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20190208

Quant Time: Feb 14 03:16:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	529682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	824272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	283962	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
35) Dibromofluoromethane	5.51	113	265836	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	974844	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.13	95	352444	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	

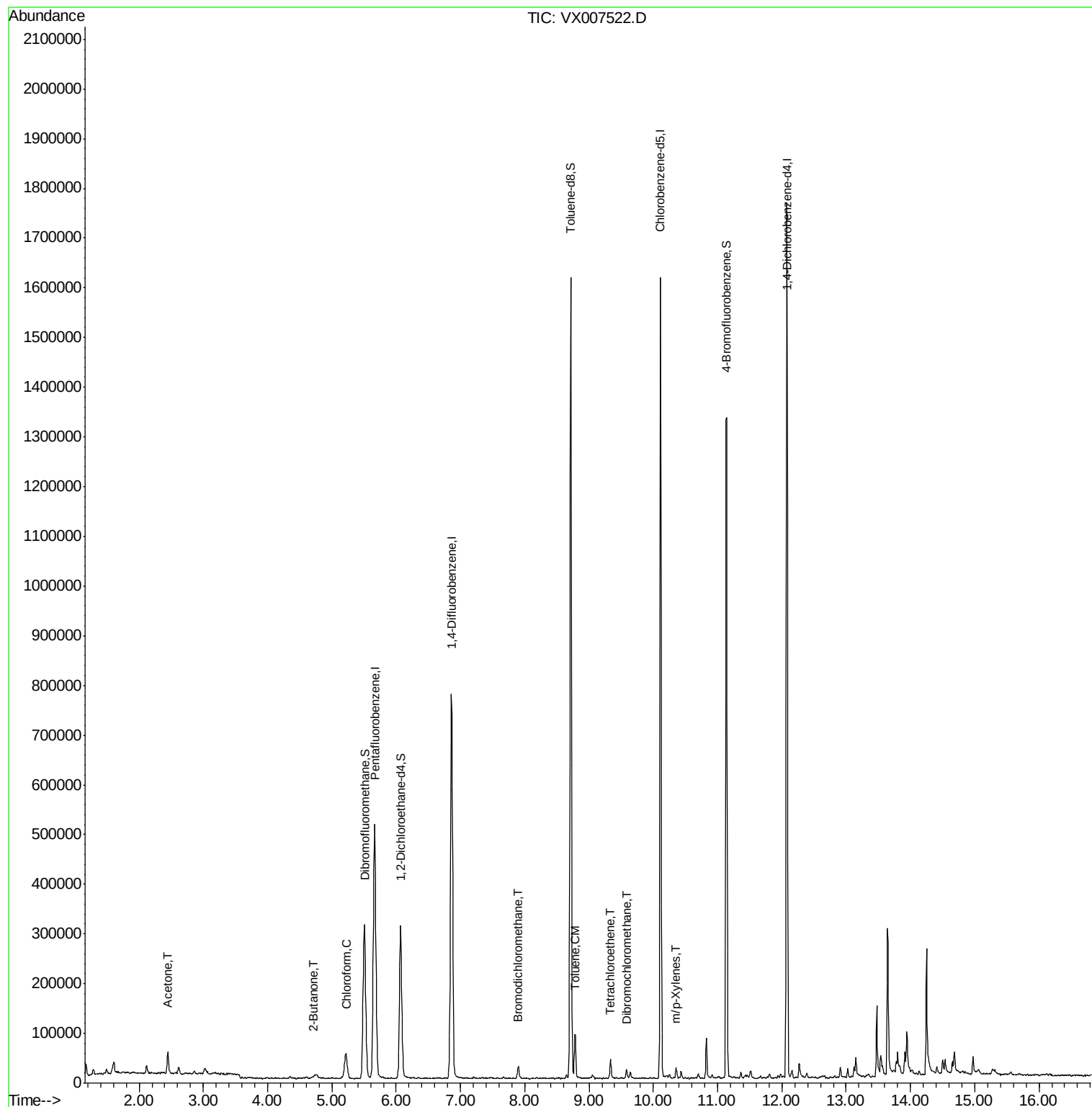
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	45691	17.742	ug/l	98
25) 2-Butanone	4.71	43	8241	2.249	ug/l	98
30) Chloroform	5.21	83	59421	6.542	ug/l	99
47) Bromodichloromethane	7.90	83	15109	2.247	ug/l	93
52) Toluene	8.78	92	33387	2.375	ug/l	98
60) Dibromochloromethane	9.58	129	3852	0.695	ug/l	92
64) Tetrachloroethene	9.33	164	7492	1.030	ug/l	96
68) m/p-Xylenes	10.36	106	5324	0.494	ug/l	98

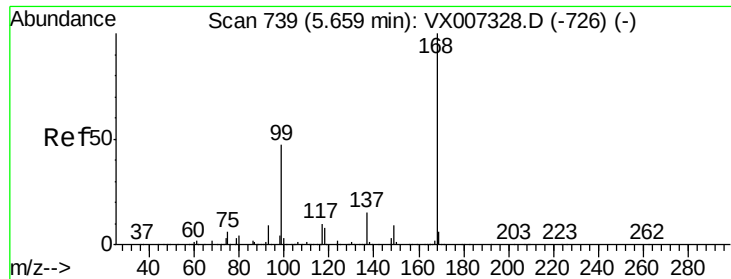
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 14 03:16:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

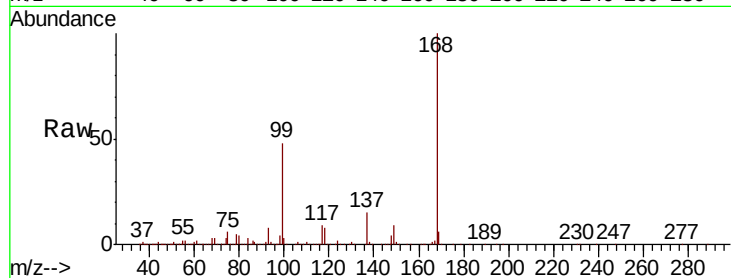
WC-20190208

Tot Ion:168 Resp: 529682

Ion Ratio Lower Upper

168 100

99 48.1 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

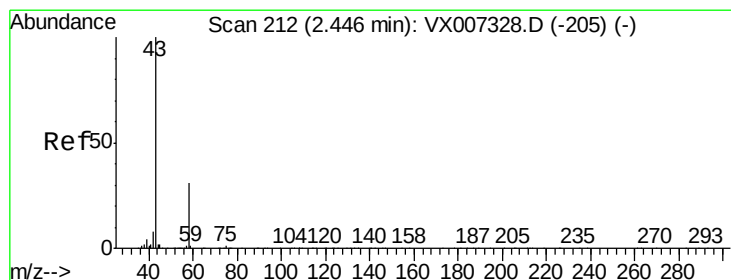
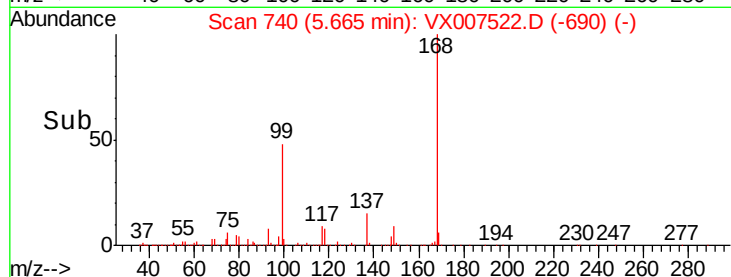
100000

50000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 17.742 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007522.D

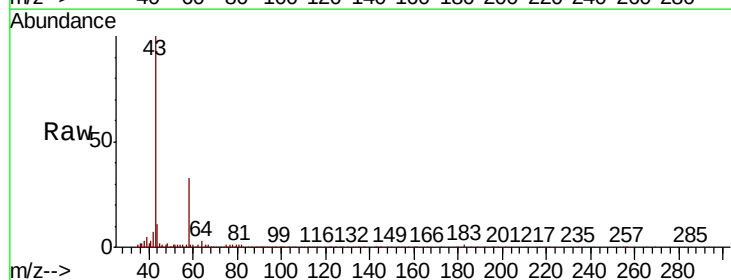
Acq: 13 Feb 2019 16:04

Tgt Ion: 43 Resp: 45691

Ion Ratio Lower Upper

43 100

58 32.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

30000

25000

20000

15000

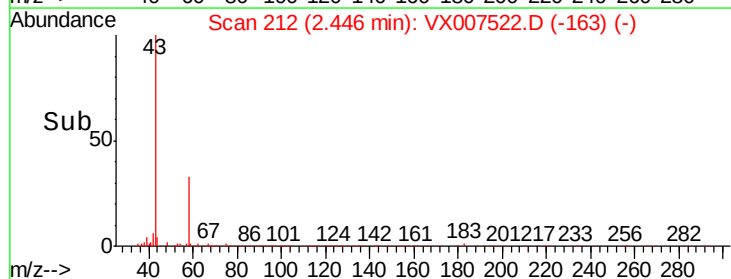
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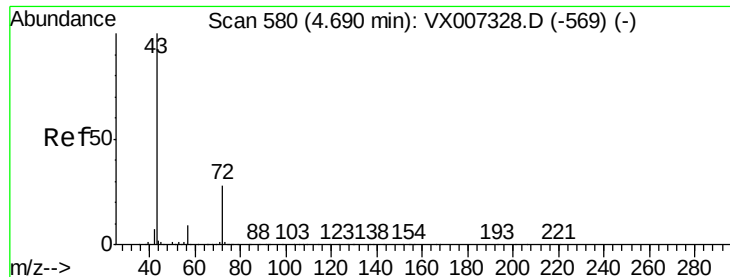
5000

0

2.35 2.40 2.45 2.50 2.55

Time-->

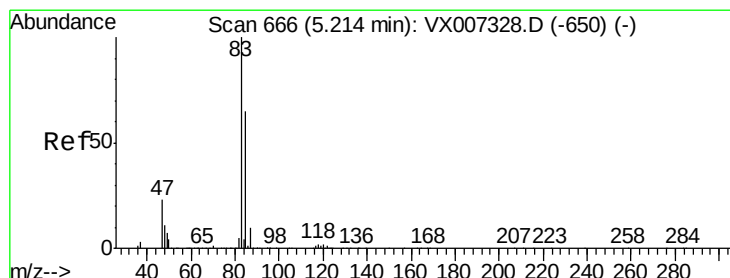
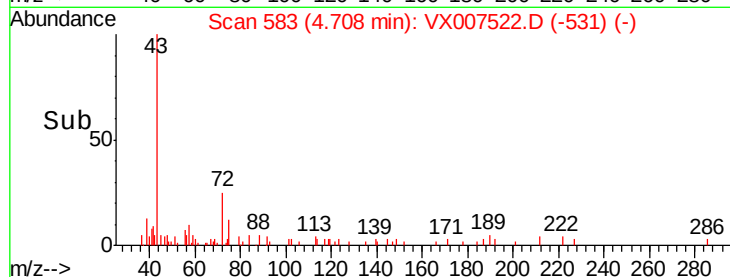
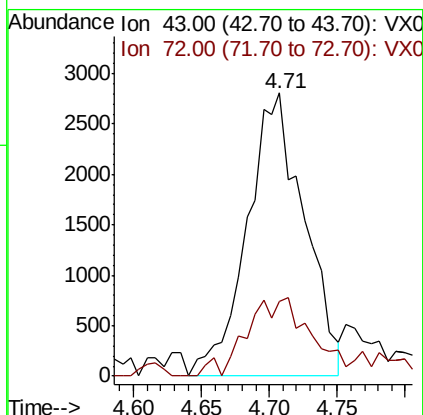
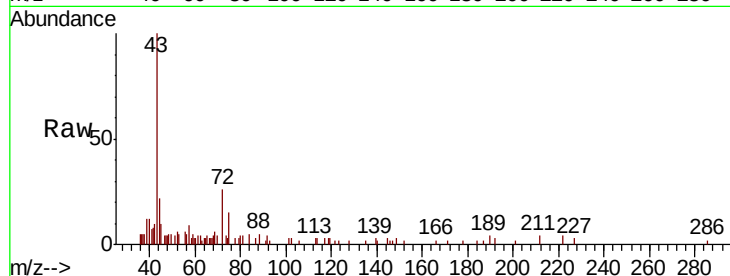




#25
2-Butanone
Concen: 2.249 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

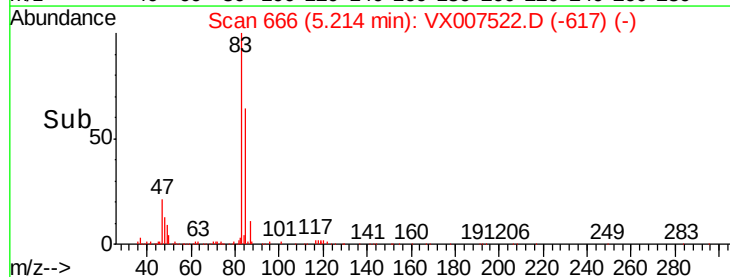
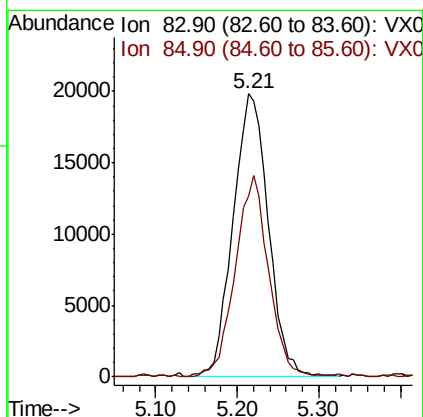
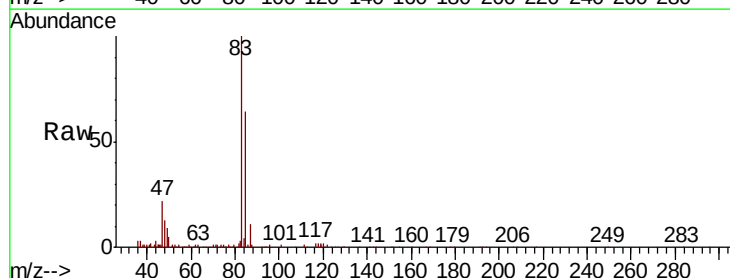
Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

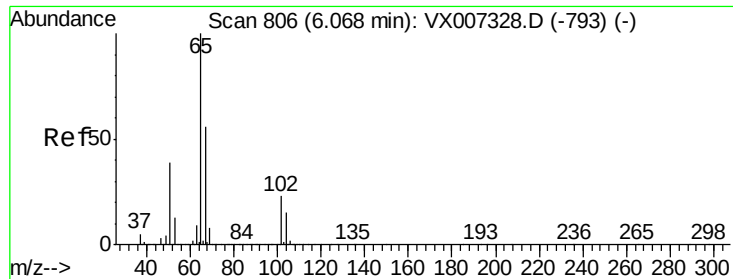
Tot Ion: 43 Resp: 8241
Ion Ratio Lower Upper
43 100
72 26.4 22.2 33.2



#30
Chloroform
Concen: 6.542 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

Tgt Ion: 83 Resp: 59421
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4

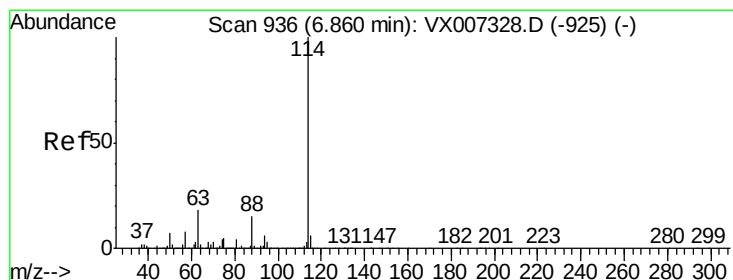
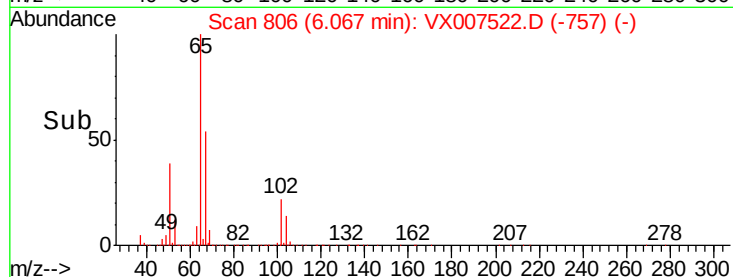
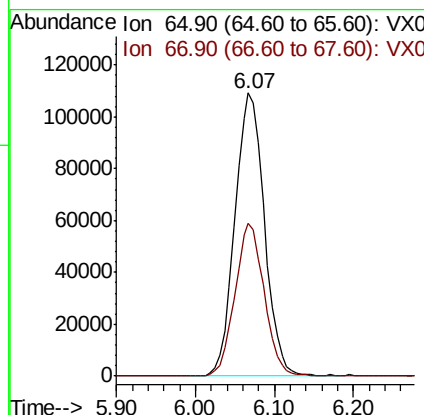
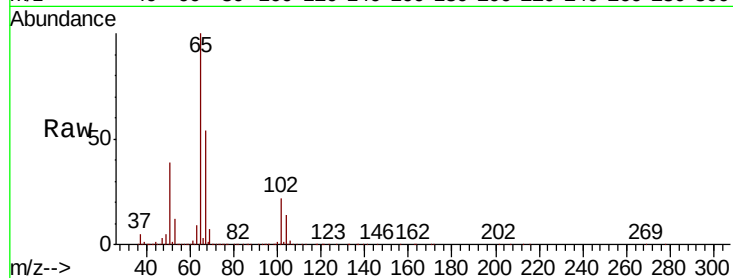




#33
 1,2-Dichloroethane-d4
 Concen: 50.508 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007522.D
 Acq: 13 Feb 2019 16:04

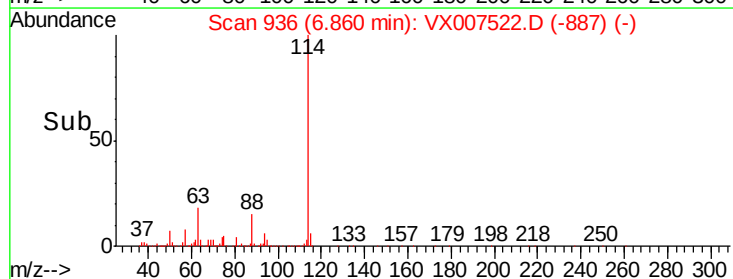
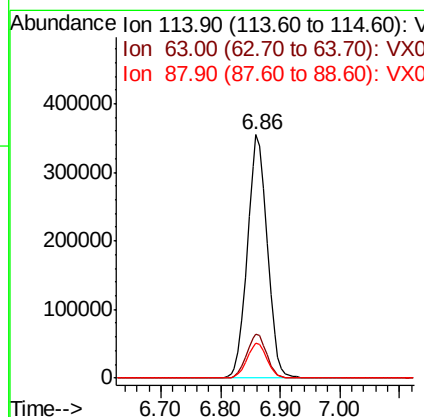
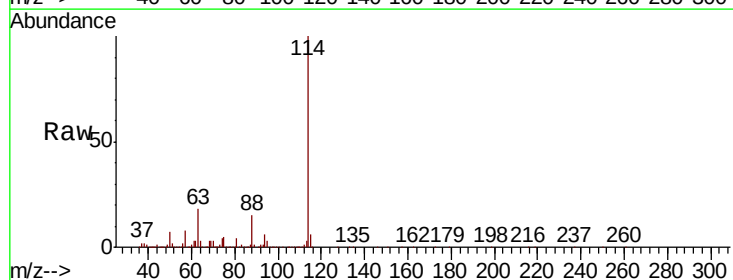
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-20190208

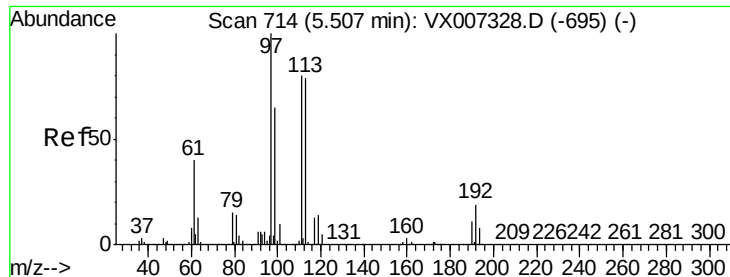
Tot Ion: 65 Resp: 283962
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007522.D
 Acq: 13 Feb 2019 16:04

Tgt Ion: 114 Resp: 824272
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.566 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

WC-20190208

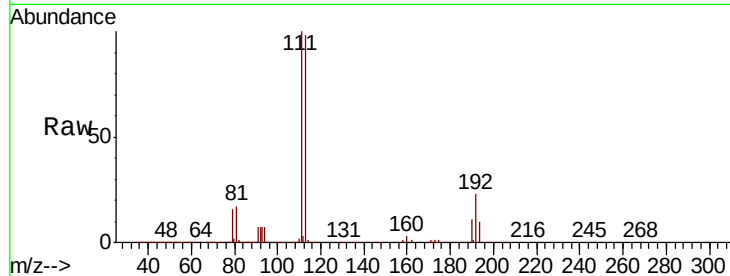
Tot Ion:113 Resp: 265836

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

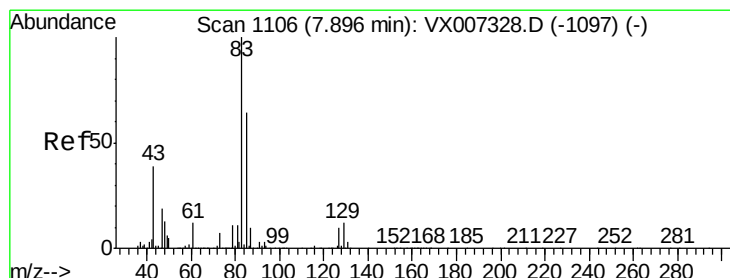
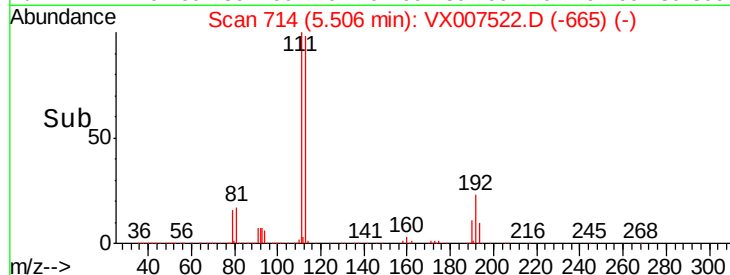
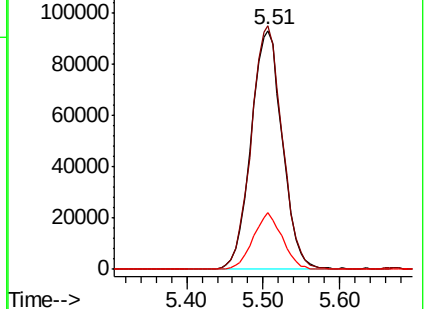
192 22.2 18.5 27.7



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



#47

Bromodichloromethane

Concen: 2.247 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

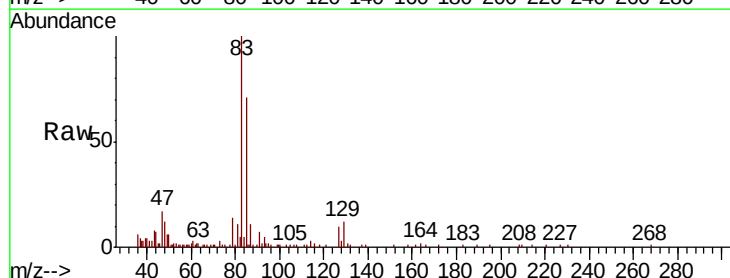
Tgt Ion: 83 Resp: 15109

Ion Ratio Lower Upper

83 100

85 70.6 51.4 77.0

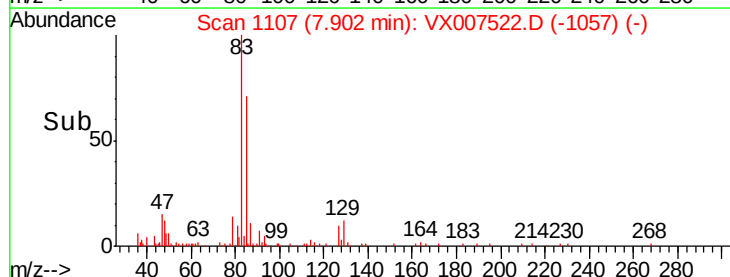
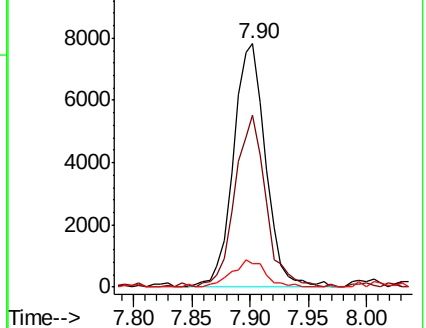
127 9.8 8.1 12.1

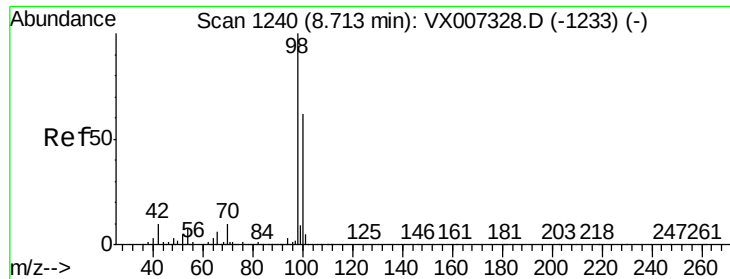


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

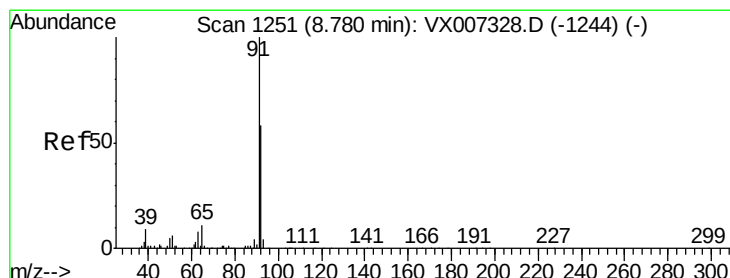
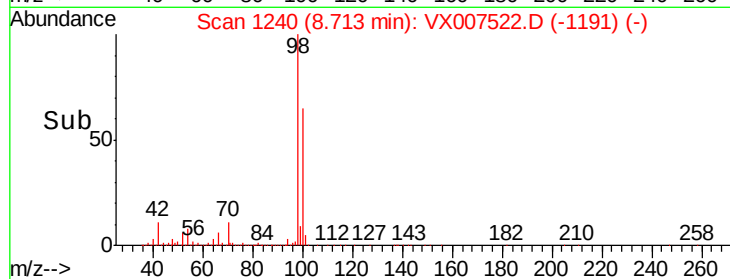
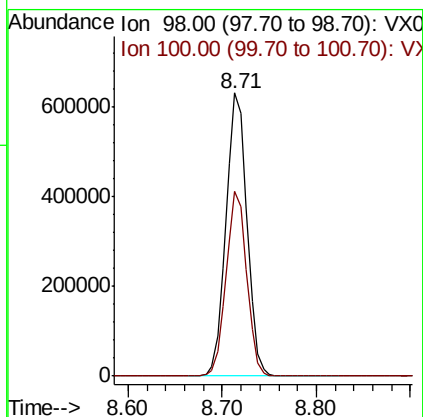
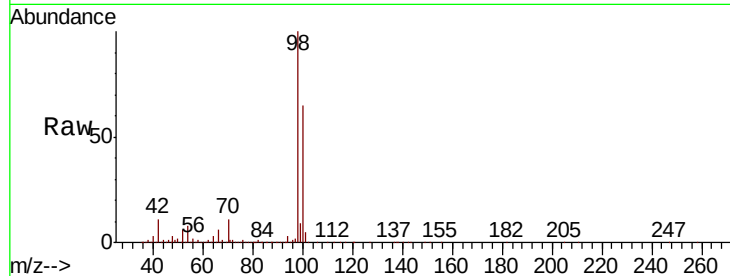




#50
Toluene-d8
Concen: 48.991 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

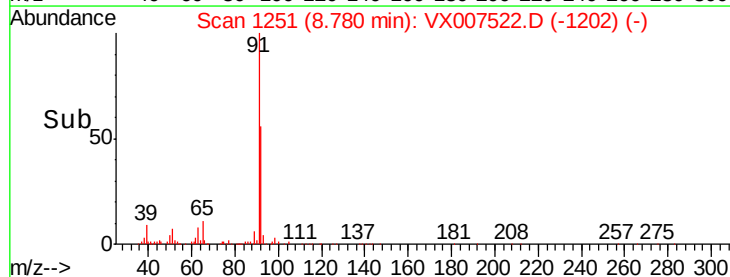
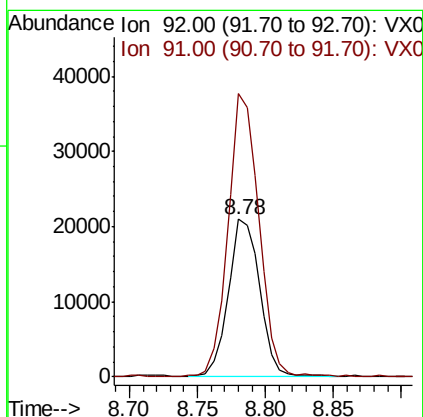
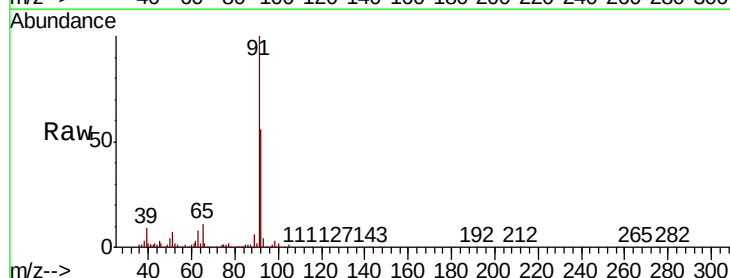
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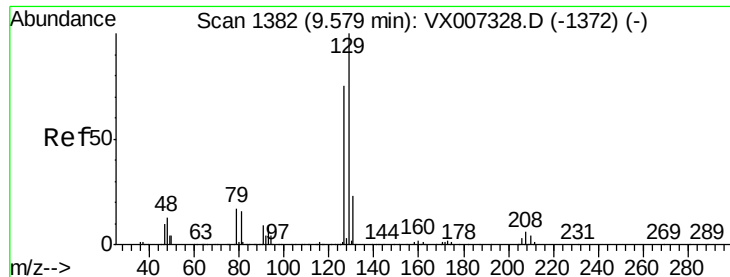
Tot Ion: 98 Resp: 974844
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#52
Toluene
Concen: 2.375 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

Tgt Ion: 92 Resp: 33387
Ion Ratio Lower Upper
92 100
91 177.3 139.1 208.7





#60

Dibromochloromethane

Concen: 0.695 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

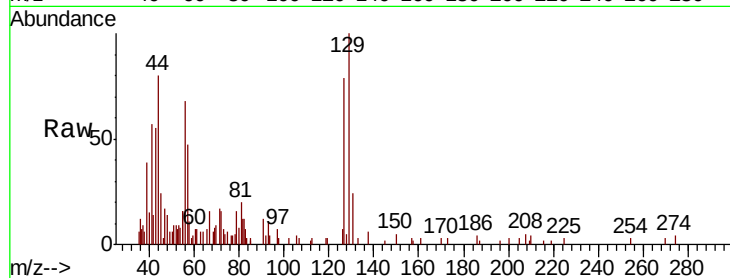
WC-20190208

Tot Ion:129 Resp: 3852

Ion Ratio Lower Upper

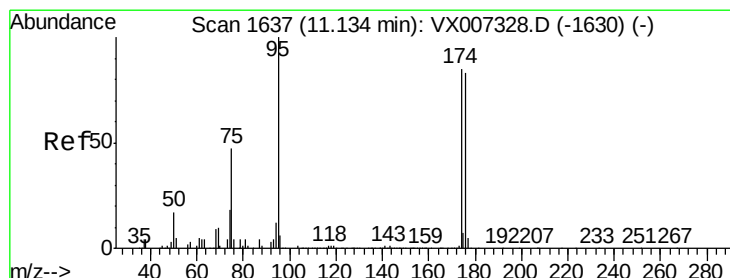
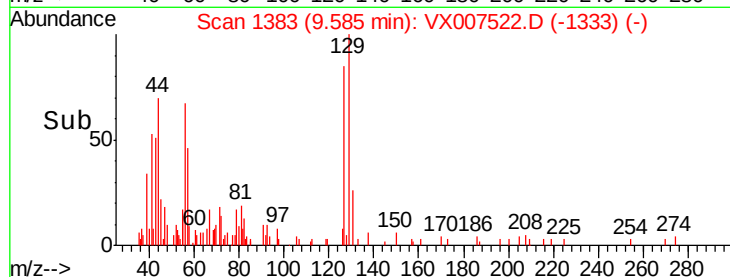
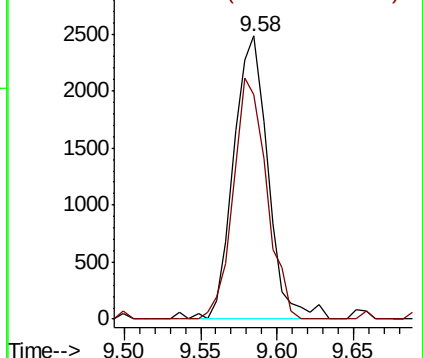
129 100

127 82.8 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.513 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007522.D

Acq: 13 Feb 2019 16:04

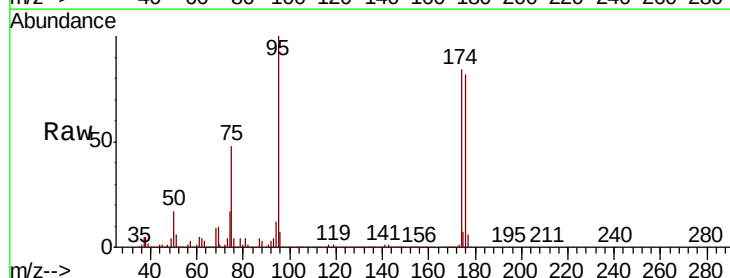
Tgt Ion: 95 Resp: 352444

Ion Ratio Lower Upper

95 100

174 92.2 0.0 189.2

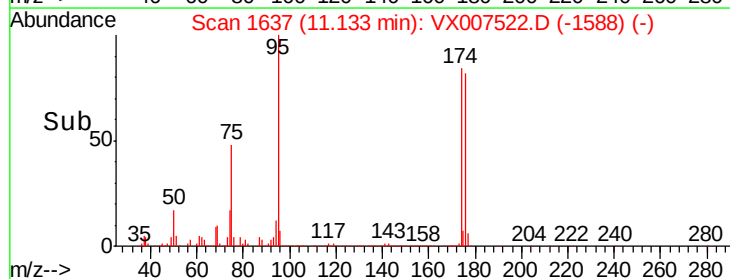
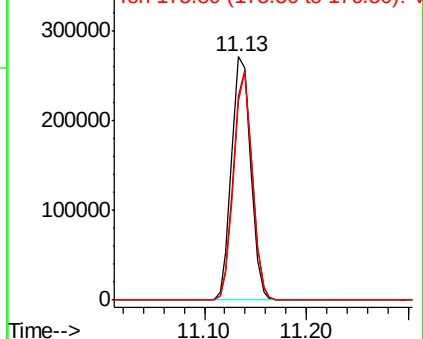
176 89.9 0.0 186.2

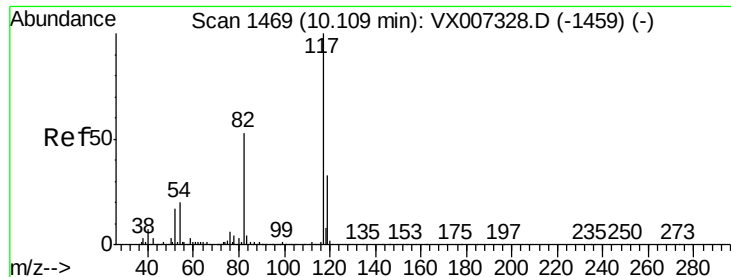


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

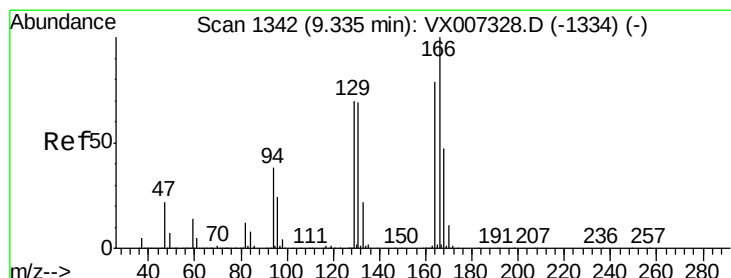
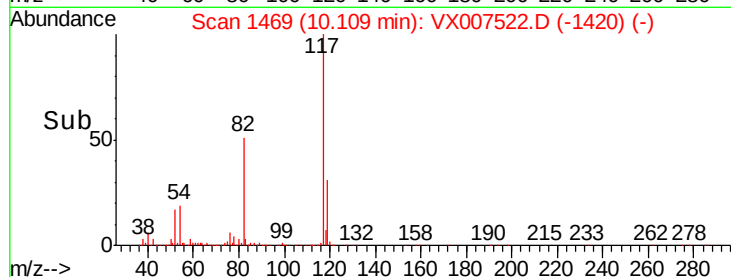
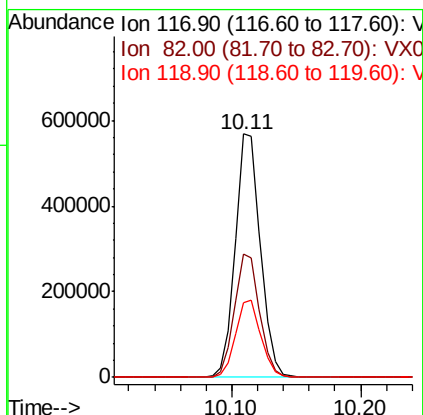
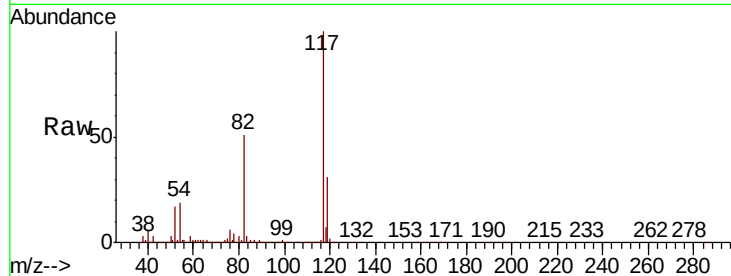




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

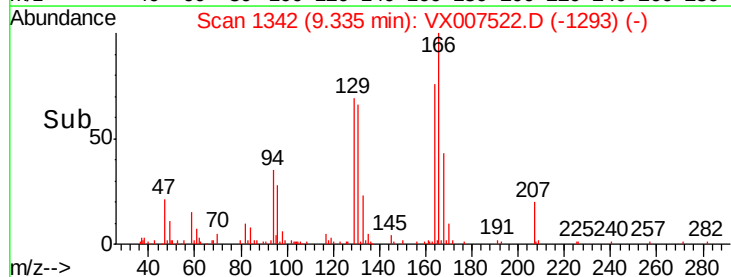
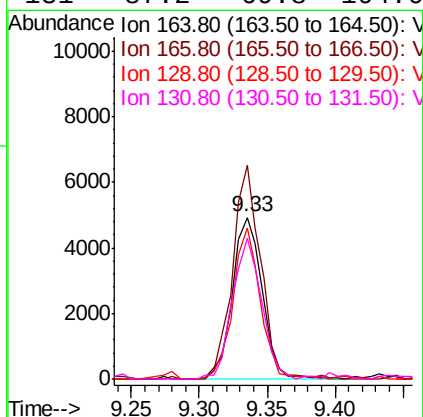
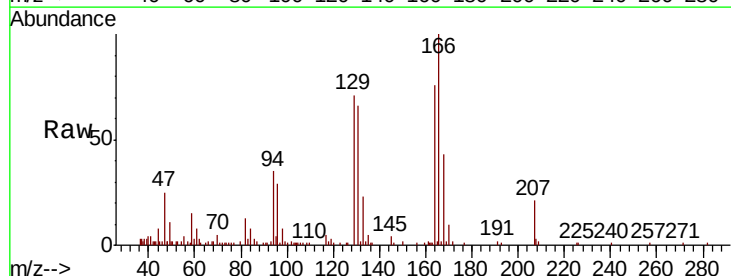
Instrument :
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ClientSampleId :
WC-20190208

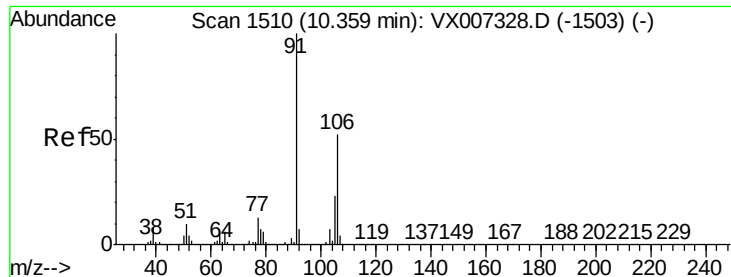
Tot Ion:117 Resp: 771790
Ion Ratio Lower Upper
117 100
82 50.7 42.1 63.1
119 30.7 26.5 39.7



#64
Tetrachloroethene
Concen: 1.030 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

Tgt Ion:164 Resp: 7492
Ion Ratio Lower Upper
164 100
166 132.4 101.0 151.4
129 93.6 70.5 105.7
131 87.2 69.8 104.6

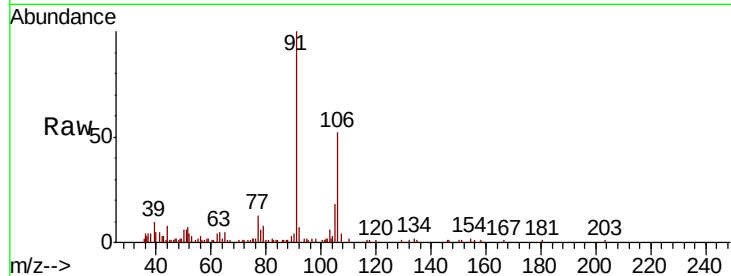




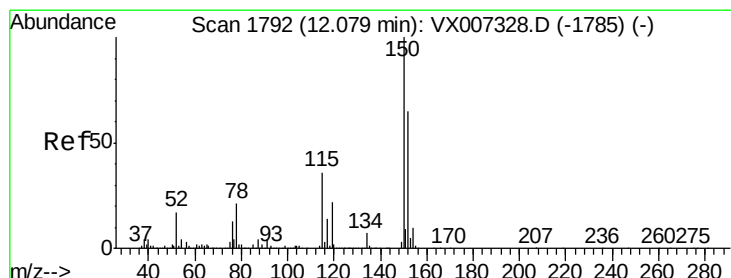
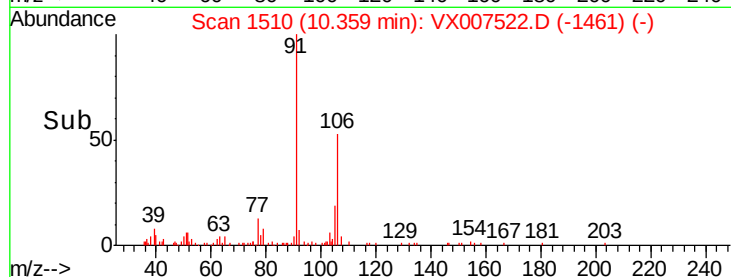
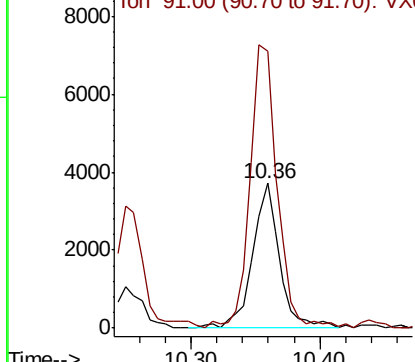
#68
m/p-Xvlenes
Concen: 0.494 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
WC-20190208

Tot Ion:106 Resp: 5324
Ion Ratio Lower Upper
106 100
91 198.2 156.6 234.8

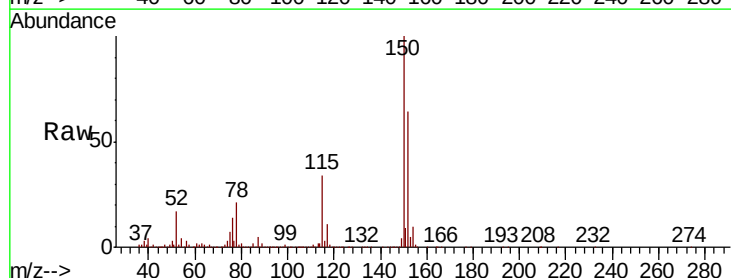


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007522.D
Acq: 13 Feb 2019 16:04

Tgt Ion:152 Resp: 375182
Ion Ratio Lower Upper
152 100
115 54.4 38.0 114.0
150 156.1 0.0 346.4



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

