

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010752.D
 Acq On : 09 Jul 2019 15:48
 Operator : JC/SP
 Sample : K3691-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190705

Quant Time: Jul 10 03:31:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

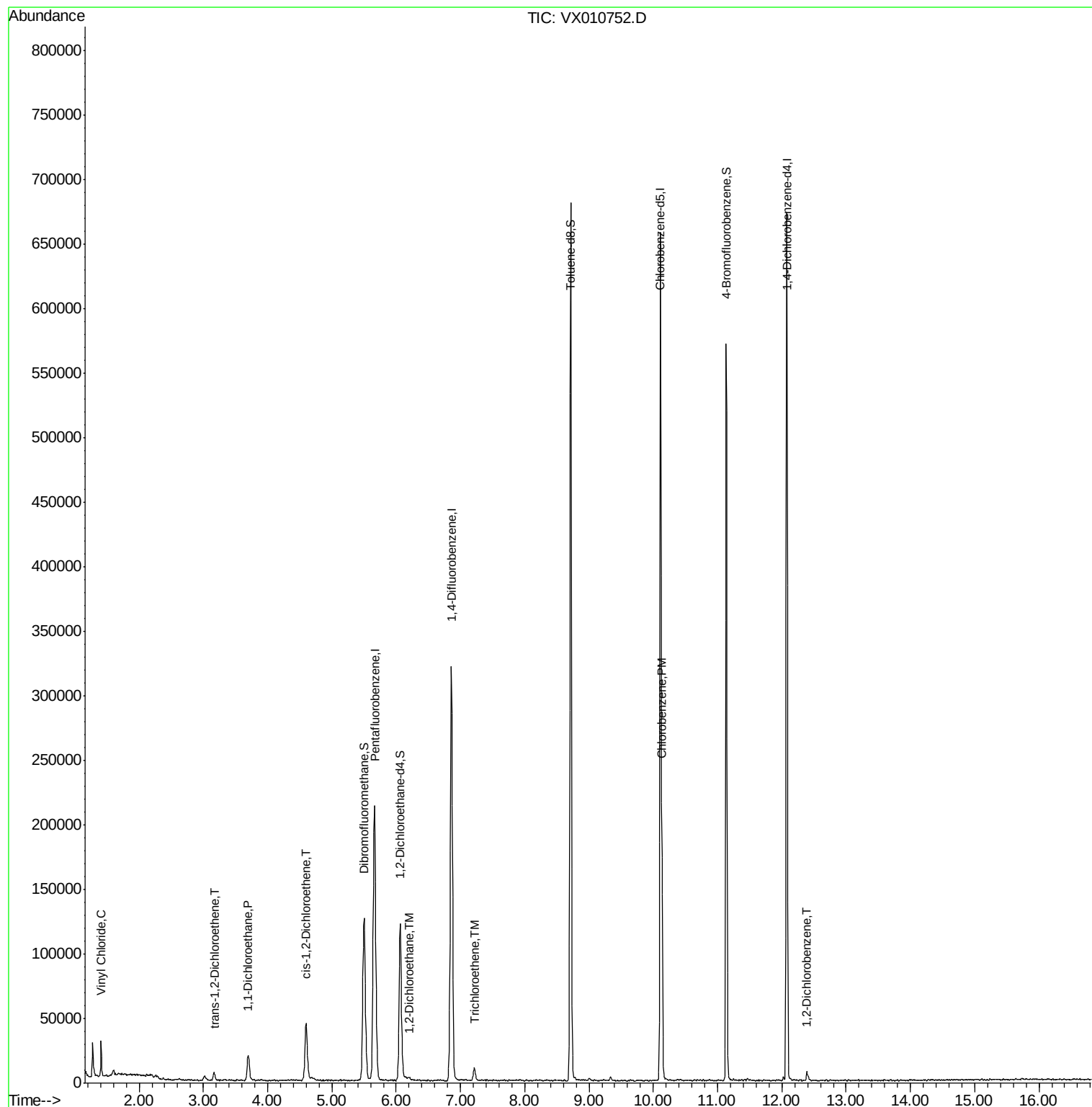
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111007	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
35) Dibromofluoromethane	5.50	113	105619	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	8.71	98	410504	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	140870	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	17442	8.862	ug/l	98
21) trans-1,2-Dichloroethene	3.18	96	2407	1.163	ug/l #	71
24) 1,1-Dichloroethane	3.70	63	21678	6.567	ug/l #	97
27) cis-1,2-Dichloroethene	4.60	96	30895	12.920	ug/l	92
42) 1,2-Dichloroethane	6.19	62	2254	0.868	ug/l	98
44) Trichloroethene	7.21	130	4122	1.615	ug/l	94
65) Chlorobenzene	10.13	112	66316	10.263	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1801	0.370	ug/l	93

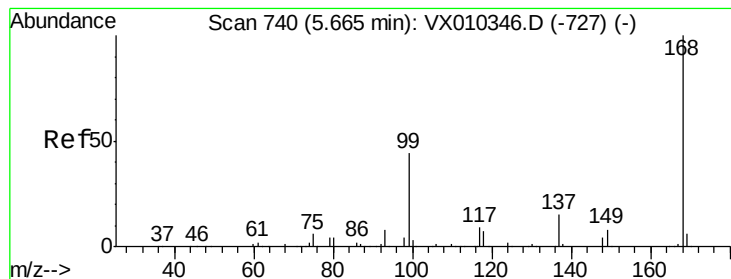
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

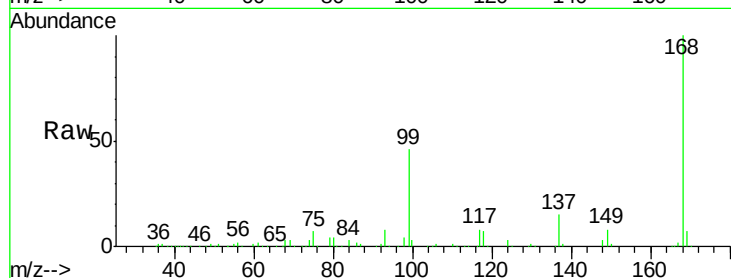
WP022MW357-190705

Tot Ion:168 Resp: 221968

Ion Ratio Lower Upper

168 100

99 45.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

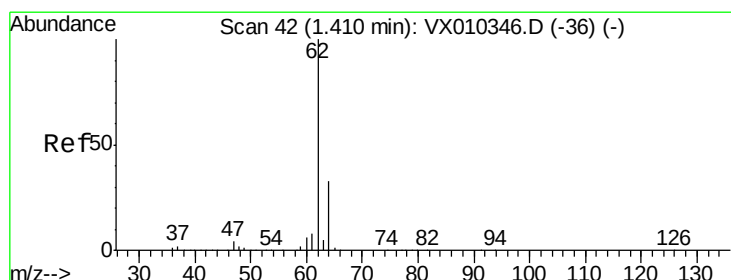
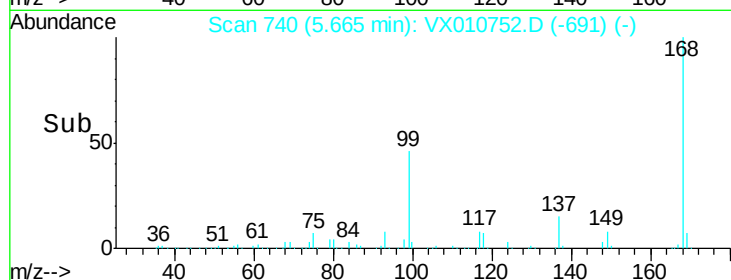
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 8.862 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010752.D

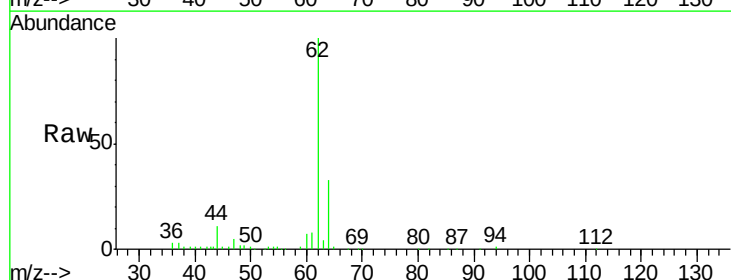
Acq: 09 Jul 2019 15:48

Tgt Ion: 62 Resp: 17442

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

20000

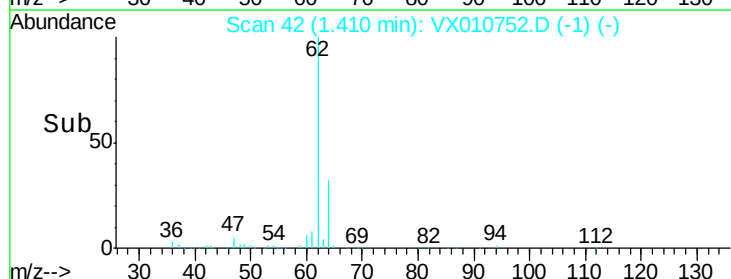
15000

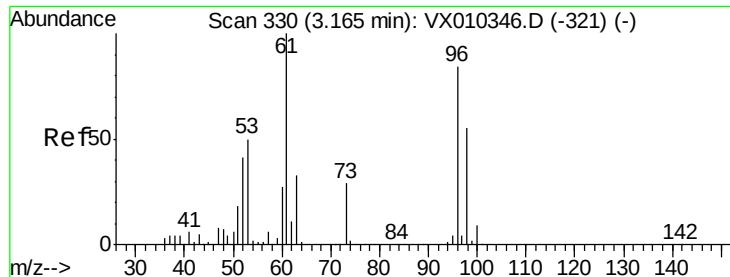
10000

5000

0

Time--> 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 1.163 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.01 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-190705

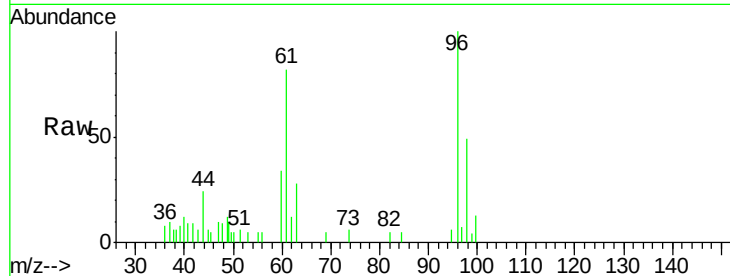
Tot Ion: 96 Resp: 2407

Ion Ratio Lower Upper

96 100

61 82.4 95.6 143.4#

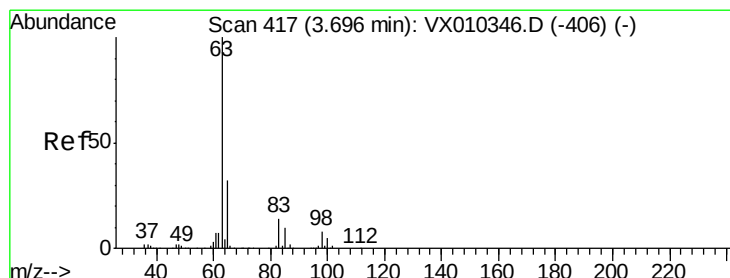
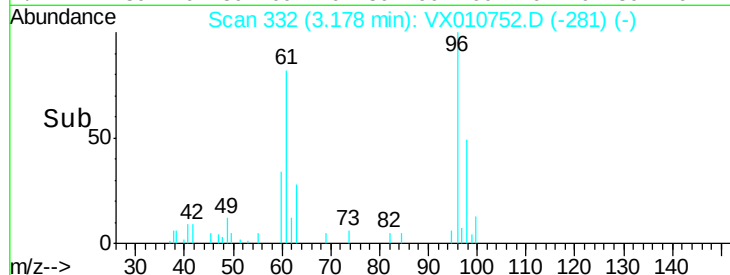
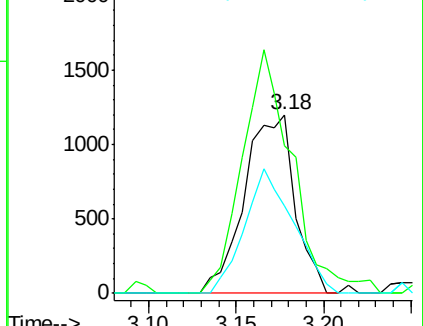
98 49.0 52.5 78.7#



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



#24

1,1-Dichloroethane

Concen: 6.567 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

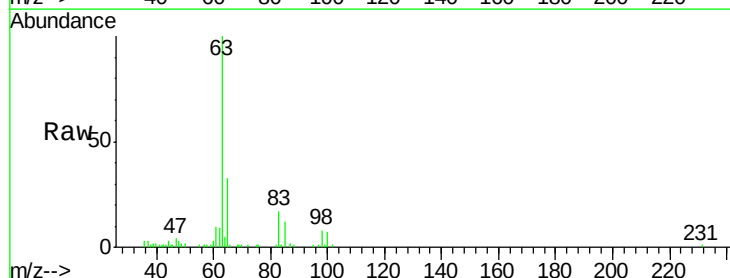
Tgt Ion: 63 Resp: 21678

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

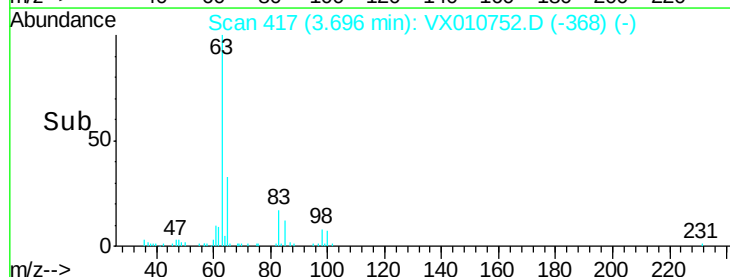
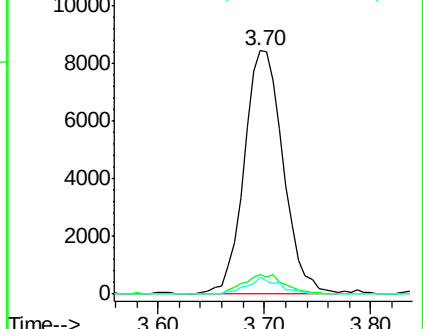
100 7.3 2.4 7.1#

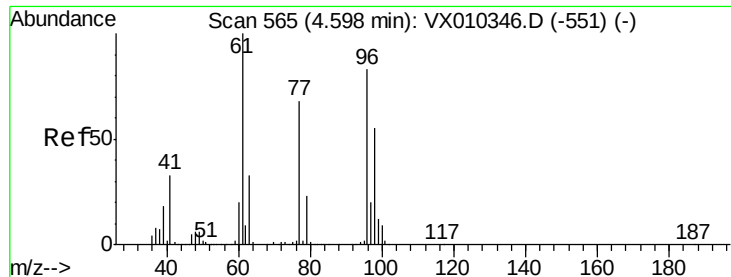


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



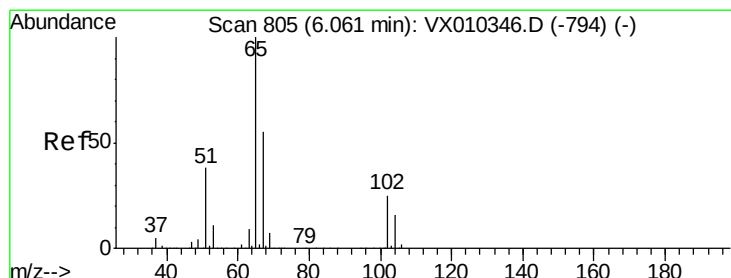
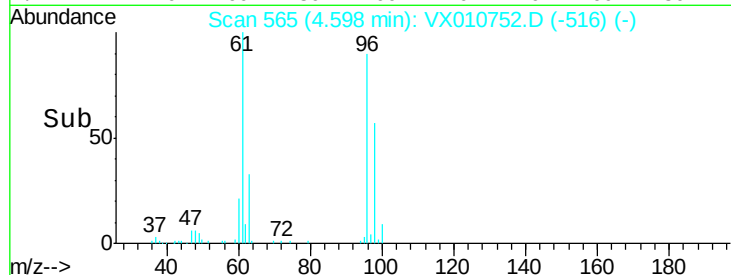
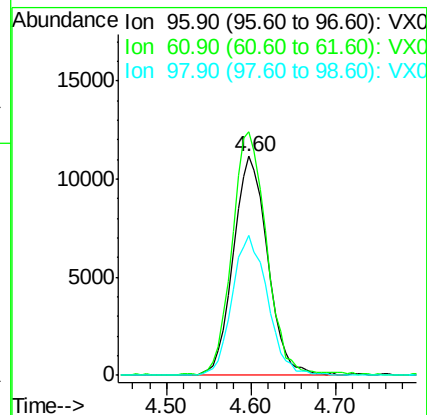
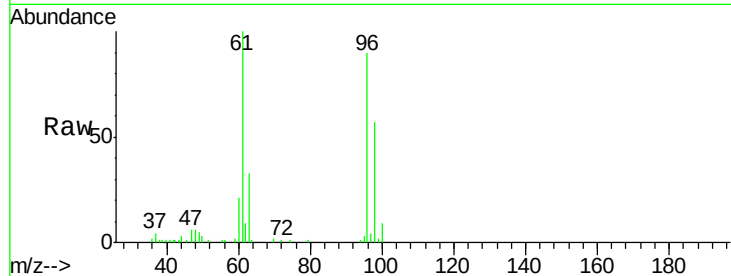


#27

cis-1,2-Dichloroethene
 Concen: 12.920 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010752.D
 Acq: 09 Jul 2019 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-190705

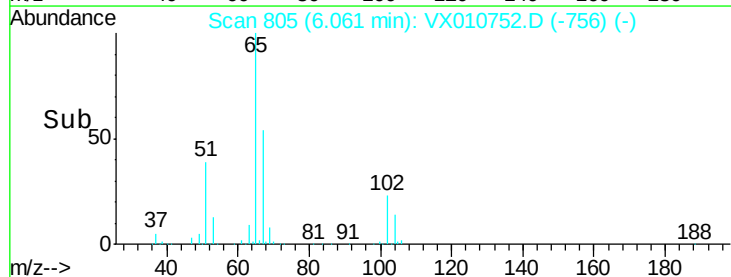
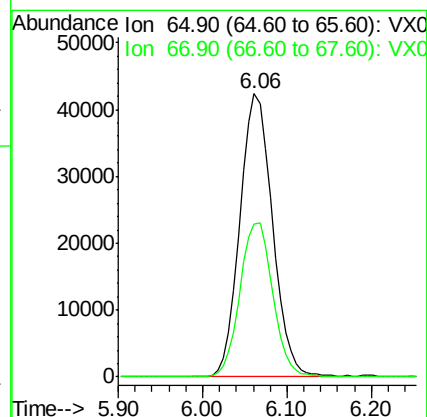
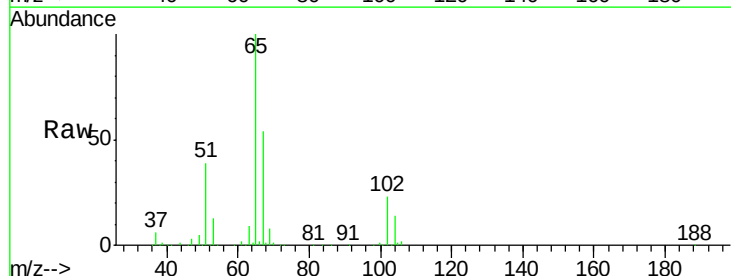
Tot Ion: 96 Resp: 30895
 Ion Ratio Lower Upper
 96 100
 61 112.8 0.0 251.8
 98 65.4 0.0 129.4

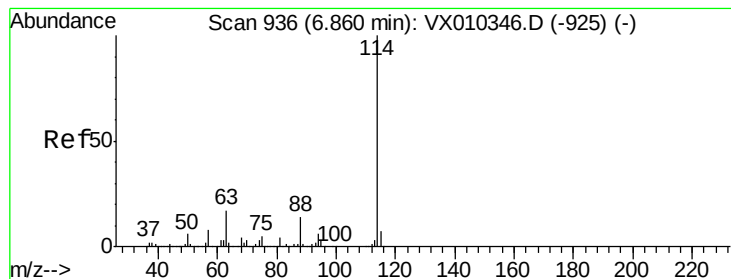


#33

1,2-Dichloroethane-d4
 Concen: 53.339 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010752.D
 Acq: 09 Jul 2019 15:48

Tgt Ion: 65 Resp: 111007
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-190705

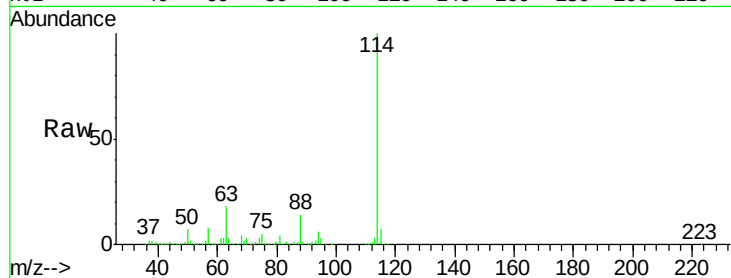
Tot Ion:114 Resp: 344484

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

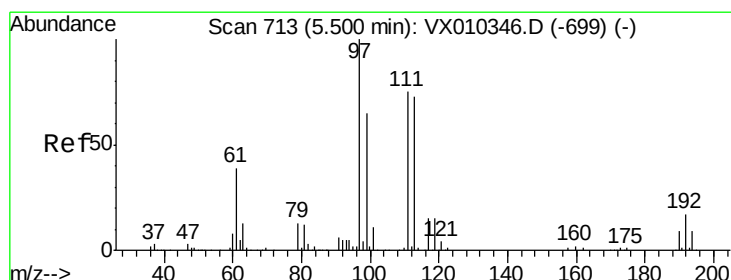
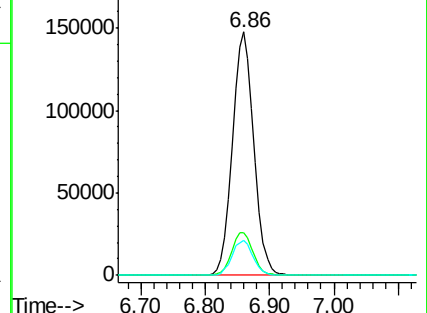
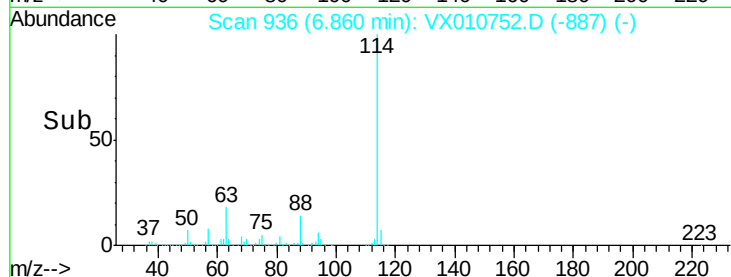
88 14.3 0.0 27.6



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: 50.112 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

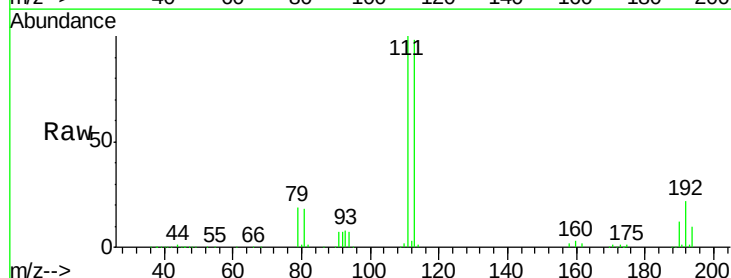
Tgt Ion:113 Resp: 105619

Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

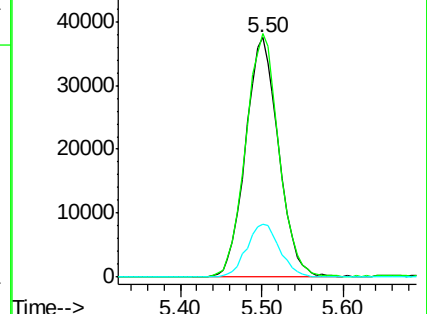
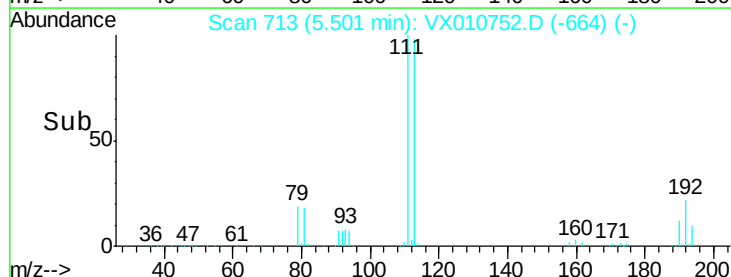
192 22.2 18.6 27.8

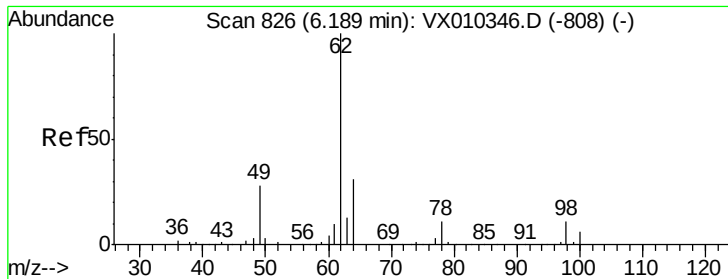


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 0.868 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

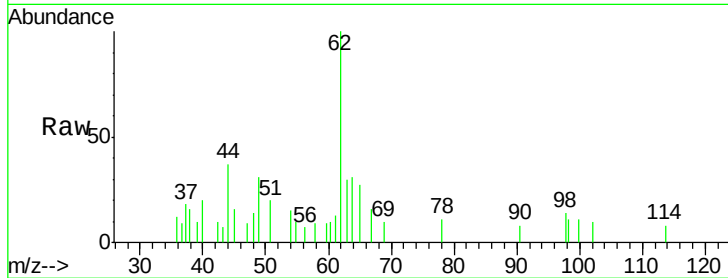
WP022MW357-190705

Tot Ion: 62 Resp: 2254

Ion Ratio Lower Upper

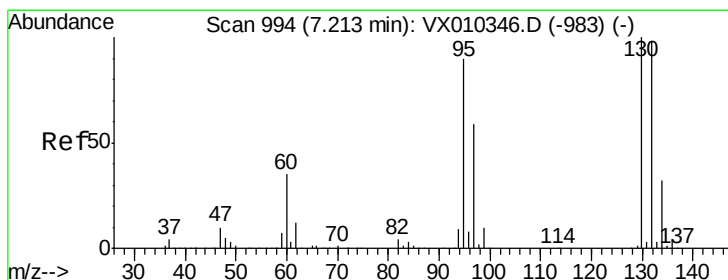
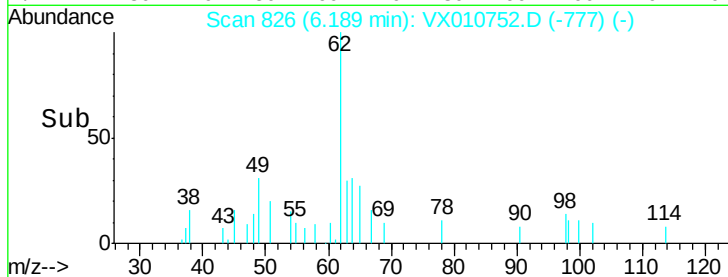
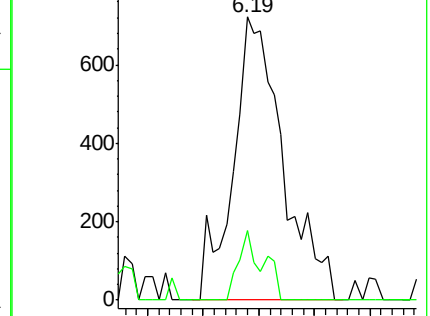
62 100

98 11.8 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#44

Trichloroethene

Concen: 1.615 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010752.D

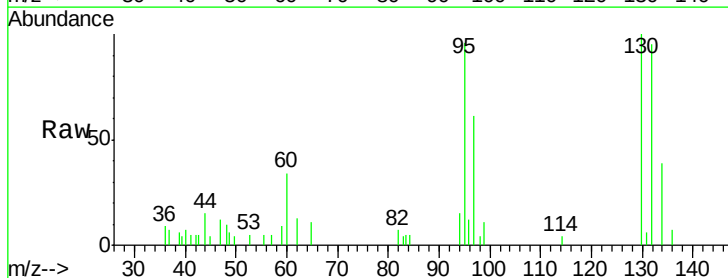
Acq: 09 Jul 2019 15:48

Tgt Ion:130 Resp: 4122

Ion Ratio Lower Upper

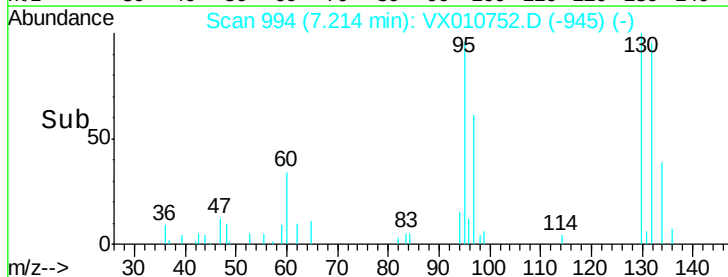
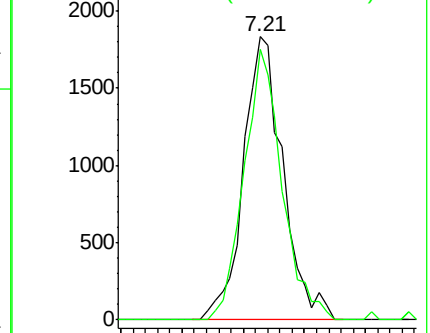
130 100

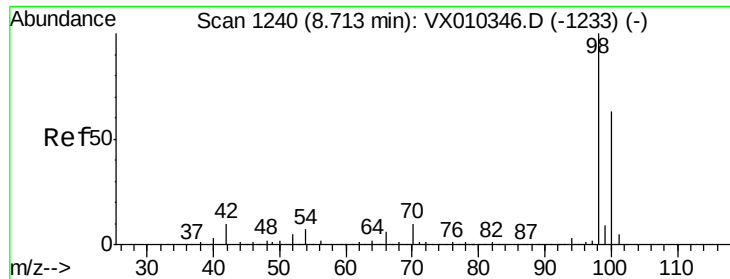
95 95.8 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

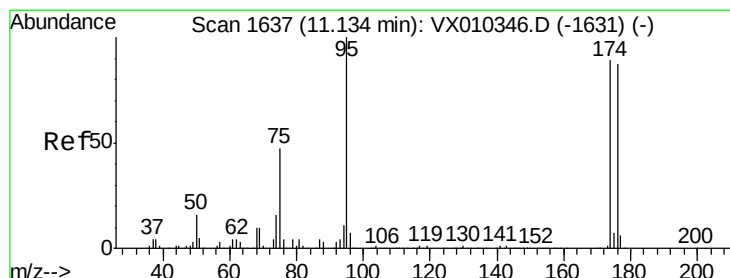
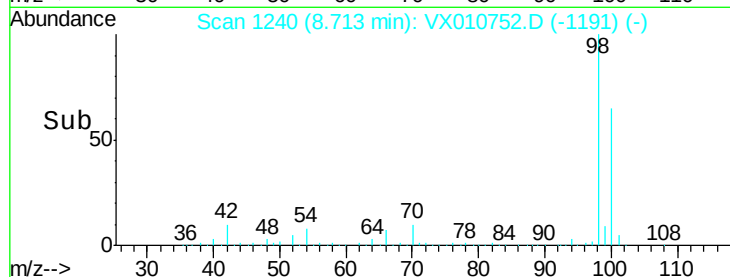
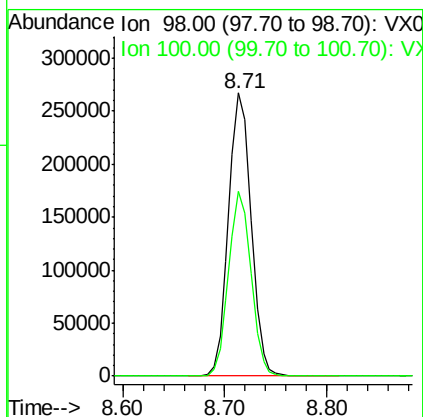
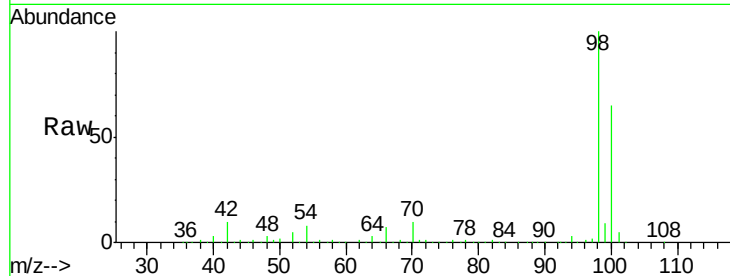




#50
Toluene-d8
Concen: 50.908 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010752.D
Acq: 09 Jul 2019 15:48

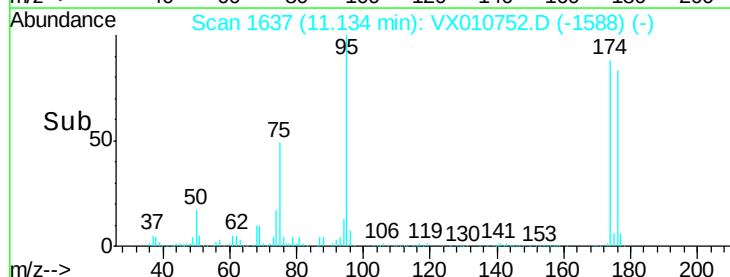
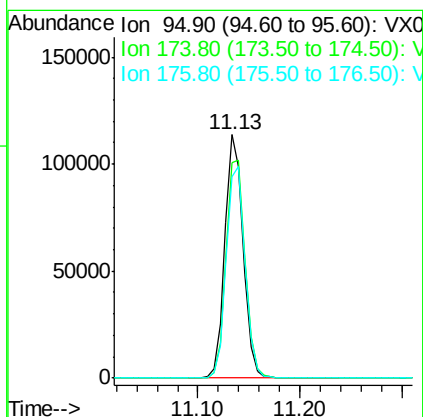
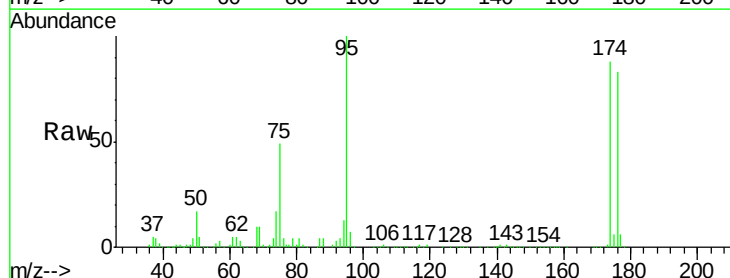
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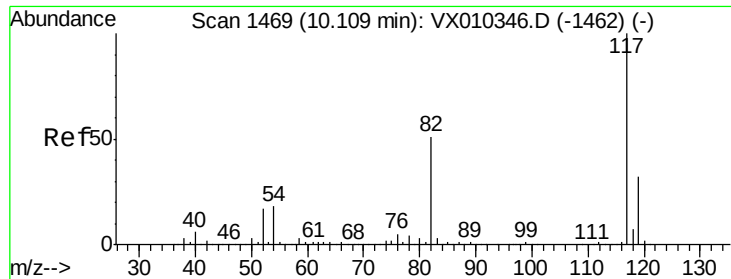
Tot Ion: 98 Resp: 410504
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.389 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010752.D
Acq: 09 Jul 2019 15:48

Tgt Ion: 95 Resp: 140870
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.6
176 89.6 0.0 184.0

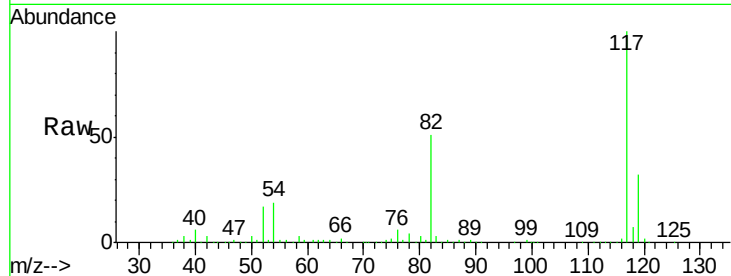




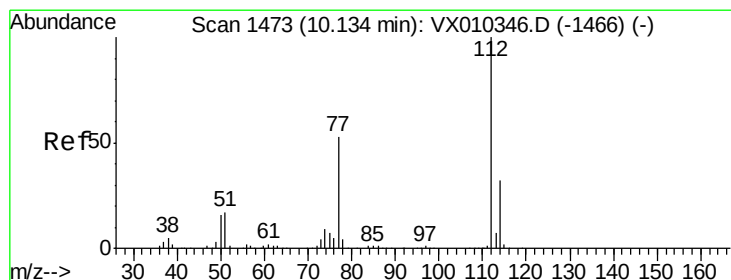
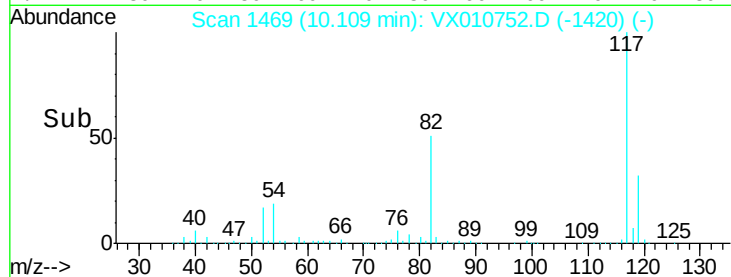
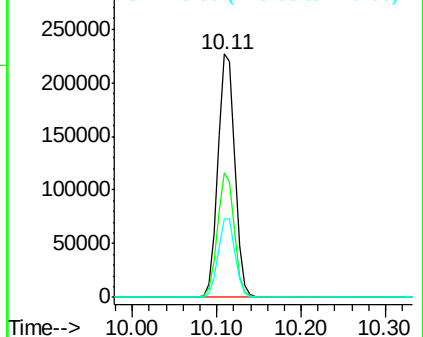
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010752.D
Acq: 09 Jul 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-190705

Tot Ion:117 Resp: 318292
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 32.4 25.5 38.3

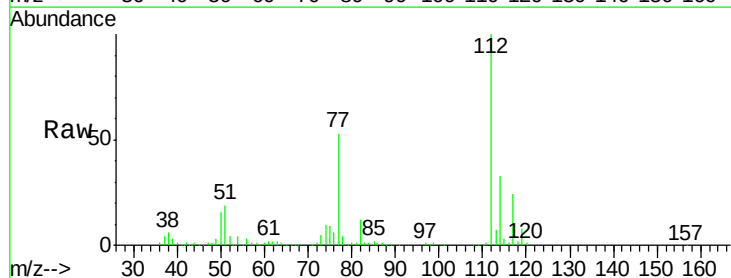


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

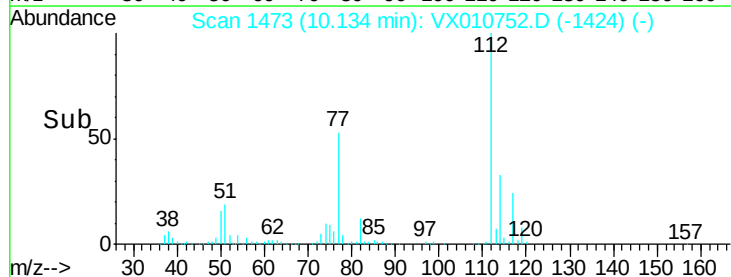
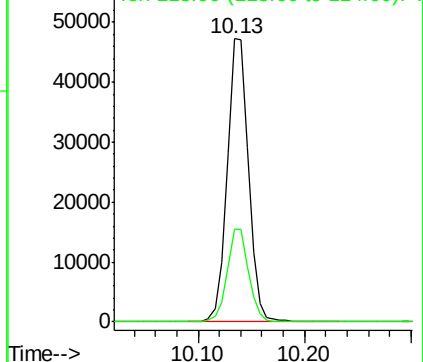


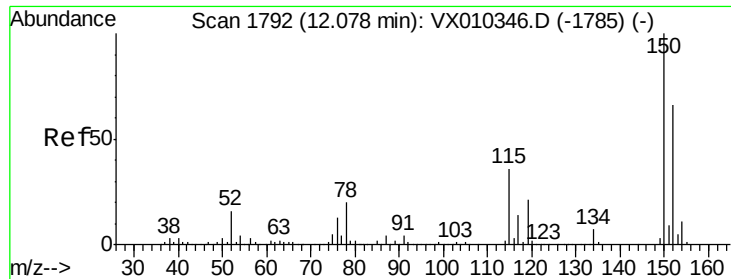
#65
Chlorobenzene
Concen: 10.263 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010752.D
Acq: 09 Jul 2019 15:48

Tgt Ion:112 Resp: 66316
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-190705

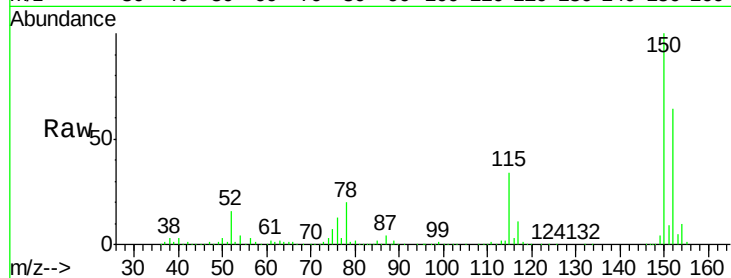
Tot Ion:152 Resp: 148119

Ion Ratio Lower Upper

152 100

115 54.8 38.6 115.7

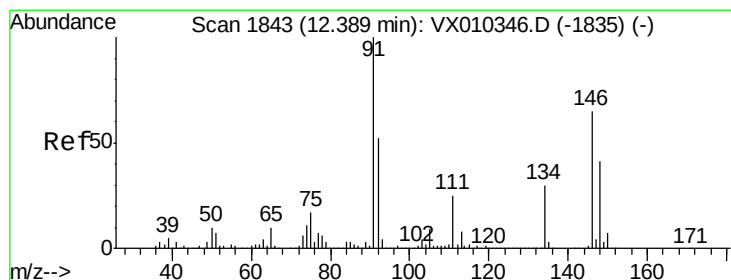
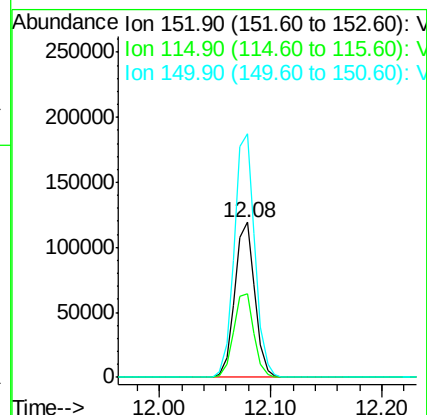
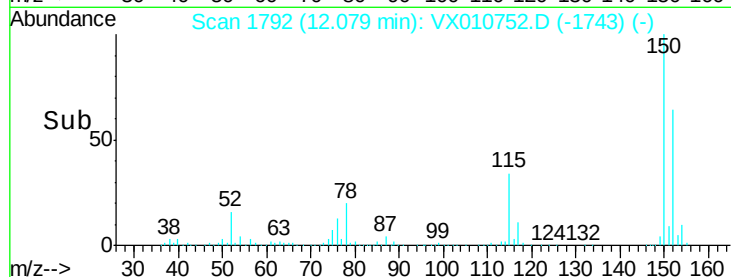
150 160.3 0.0 347.4



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



#91

1,2-Dichlorobenzene

Concen: 0.370 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010752.D

Acq: 09 Jul 2019 15:48

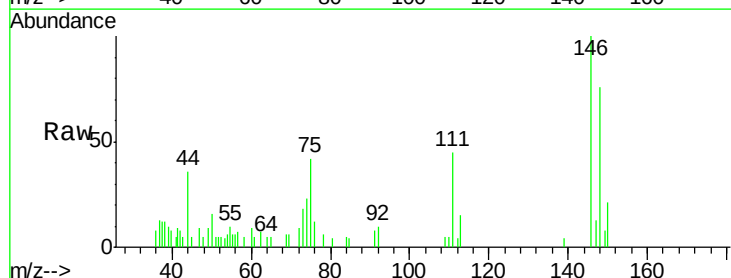
Tgt Ion:146 Resp: 1801

Ion Ratio Lower Upper

146 100

111 38.3 19.2 57.6

148 72.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

