

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042919\
 Data File : VX009221.D
 Acq On : 29 Apr 2019 20:39
 Operator : JC/SP
 Sample : K2594-17 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW346-190425

Quant Time: Apr 30 08:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117335	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	136346	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
35) Dibromofluoromethane	5.50	113	102590	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	8.71	98	418410	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	135658	43.45	ug/l	0.00
Spiked Amount			Recovery	=	86.90%	

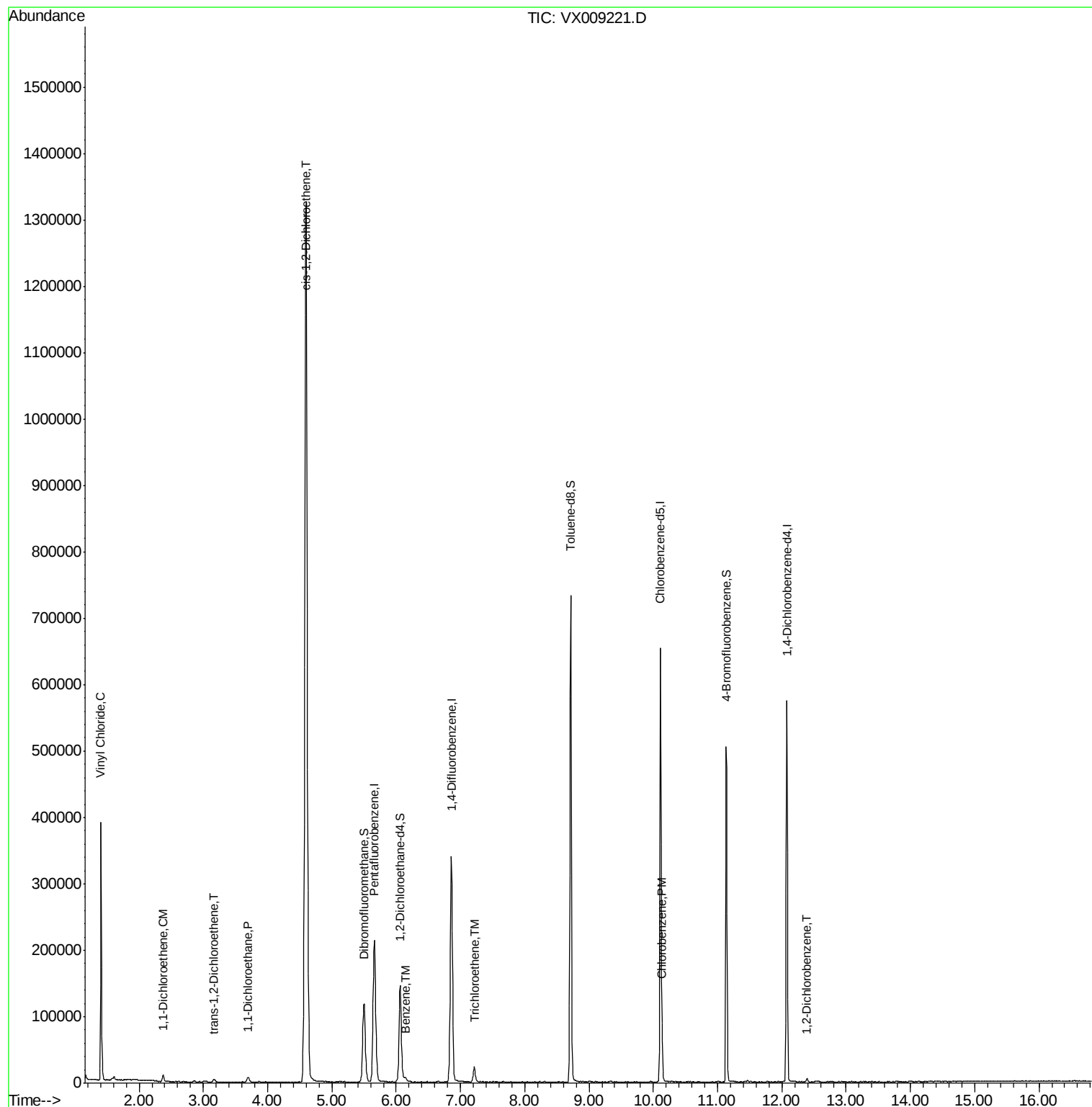
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	269826	105.008	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3586	1.825	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	1636	0.768	ug/l	89
24) 1,1-Dichloroethane	3.70	63	8544	1.880	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	831288	326.767	ug/l	89
40) Benzene	6.15	78	7132	0.732	ug/l	96
44) Trichloroethene	7.21	130	8419	3.577	ug/l	99
65) Chlorobenzene	10.14	112	23824	4.101	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1319	0.343	ug/l	91

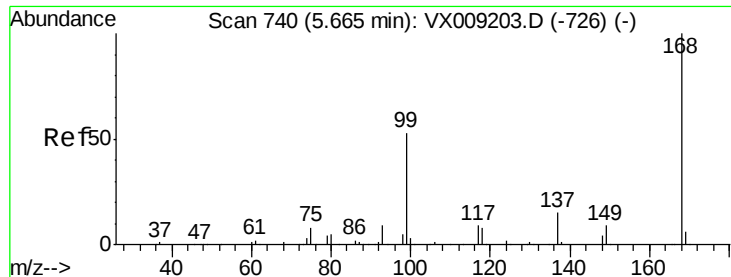
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009221.D

Acq: 29 Apr 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

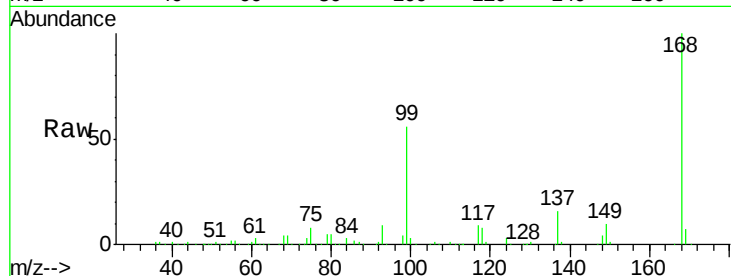
WP021MW346-190425

Tot Ion:168 Resp: 209451

Ion Ratio Lower Upper

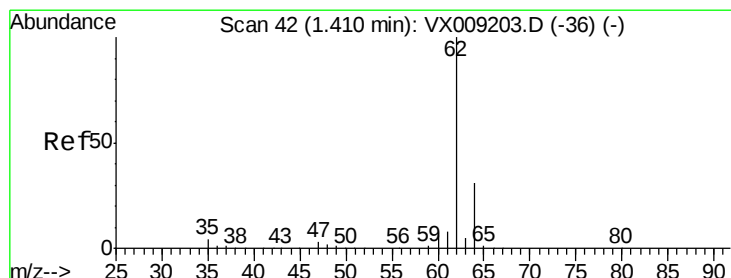
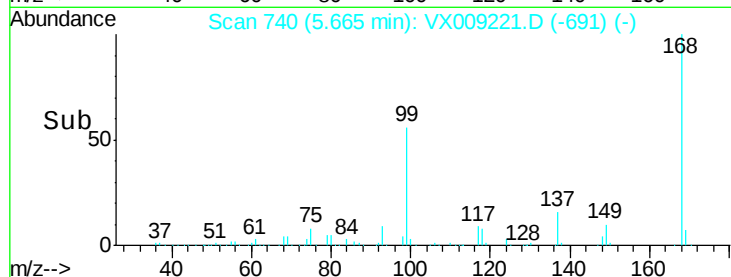
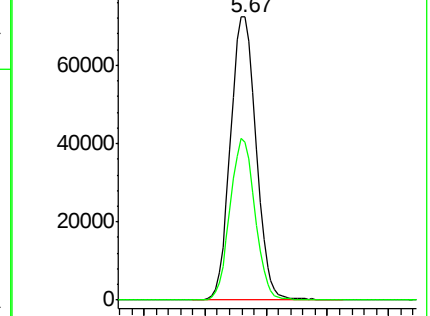
168 100

99 55.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 105.008 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009221.D

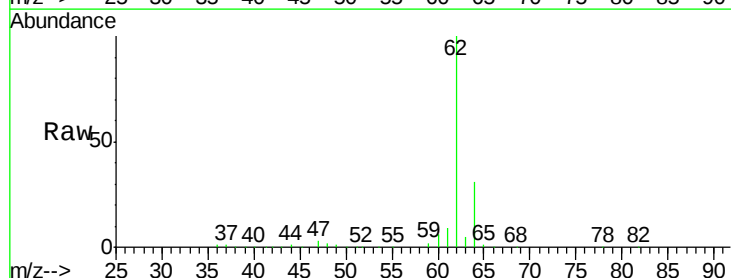
Acq: 29 Apr 2019 20:39

Tgt Ion: 62 Resp: 269826

Ion Ratio Lower Upper

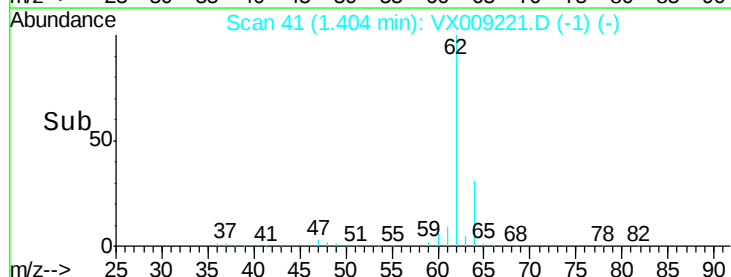
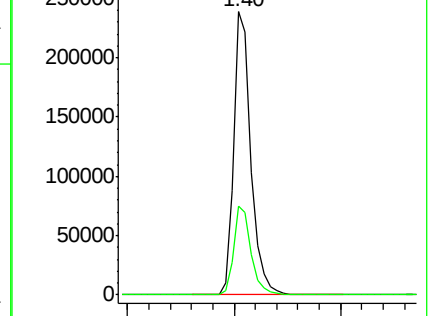
62 100

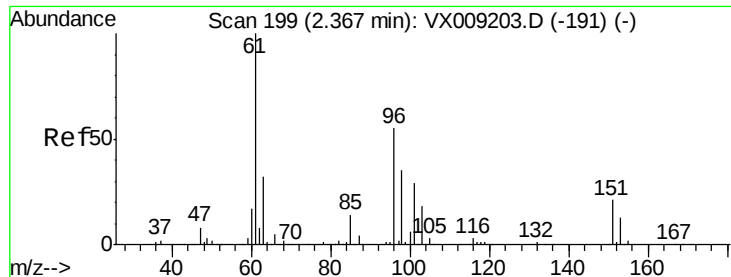
64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 1.825 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

WP021MW346-190425

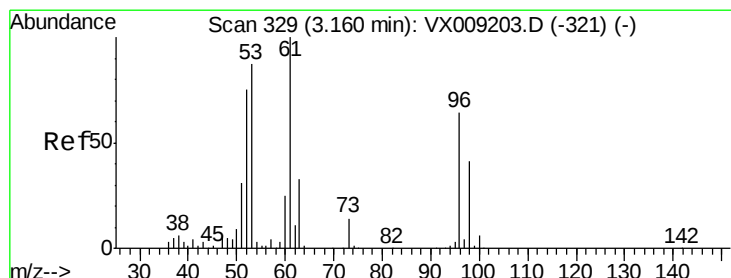
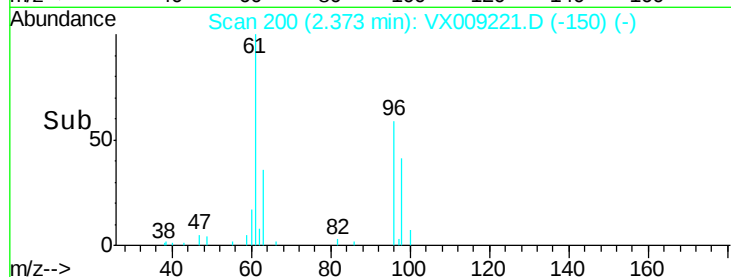
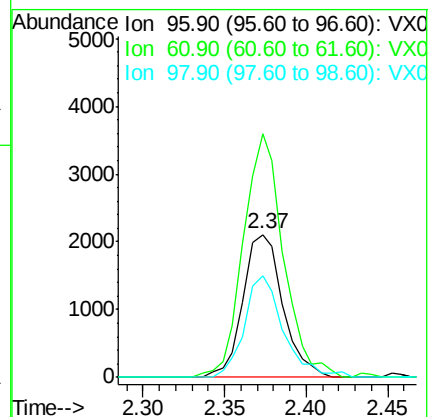
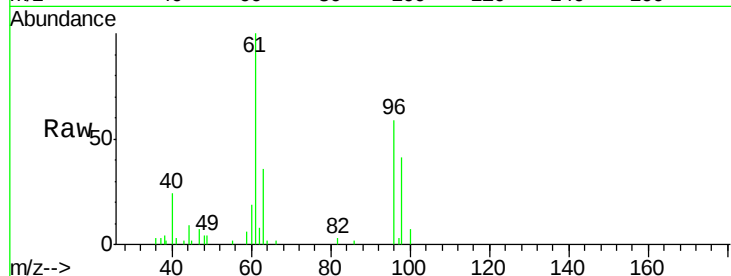
Tot Ion: 96 Resp: 3586

Ion Ratio Lower Upper

96 100

61 170.3 144.3 216.5

98 70.7 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 0.768 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

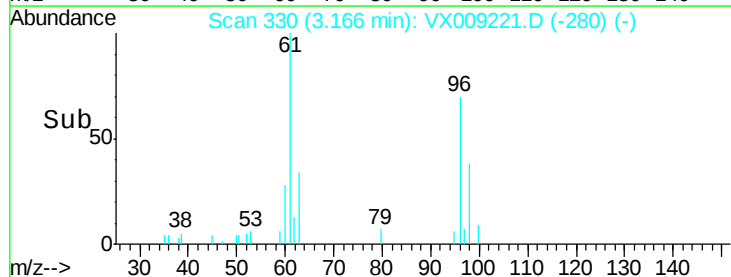
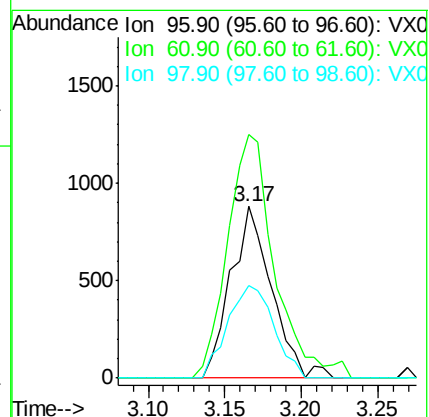
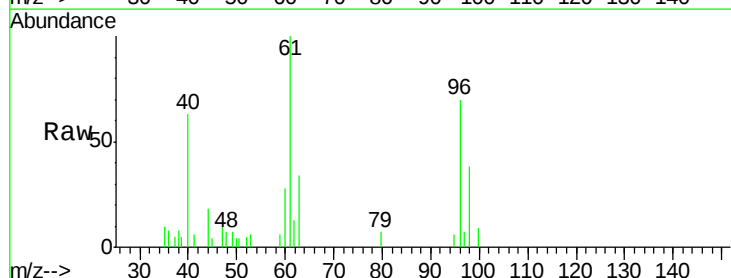
Tgt Ion: 96 Resp: 1636

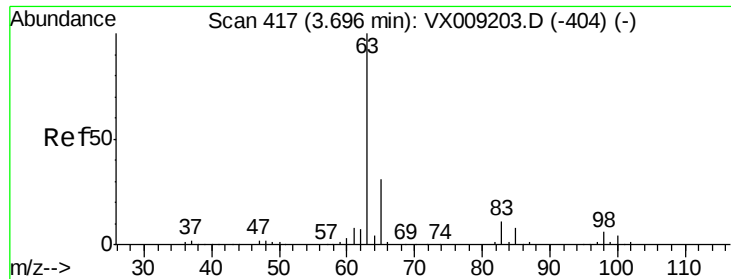
Ion Ratio Lower Upper

96 100

61 142.0 124.5 186.7

98 53.6 50.4 75.6





#24

1,1-Dichloroethane

Concen: 1.880 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

WP021MW346-190425

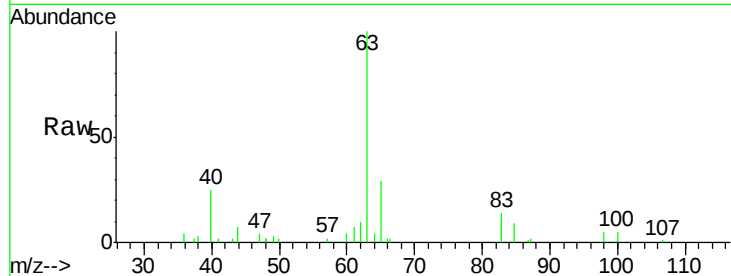
Tot Ion: 63 Resp: 8544

Ion Ratio Lower Upper

63 100

98 4.6 3.0 9.2

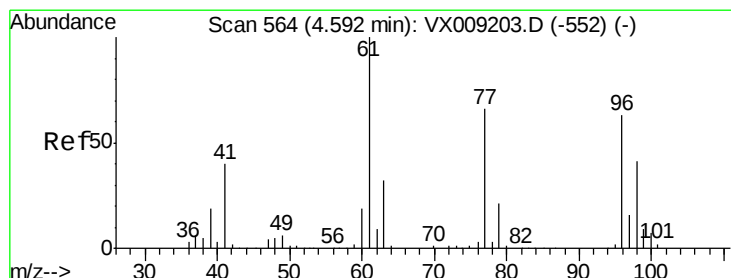
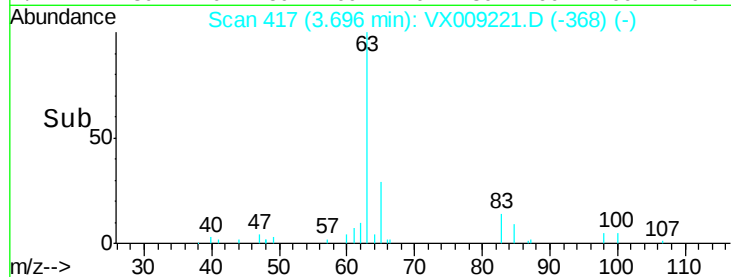
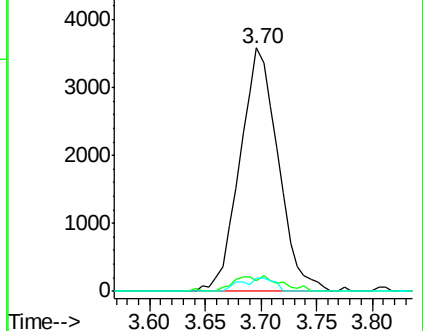
100 5.2 2.0 6.0



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: 326.767 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

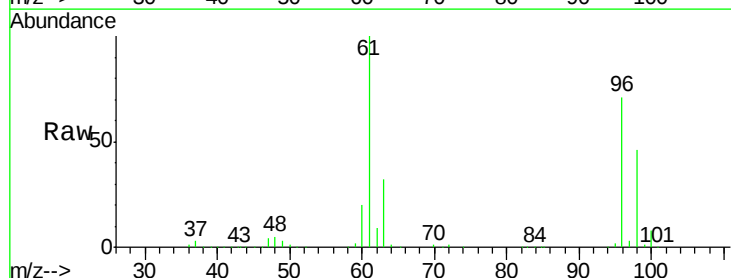
Tgt Ion: 96 Resp: 831288

Ion Ratio Lower Upper

96 100

61 142.0 0.0 324.0

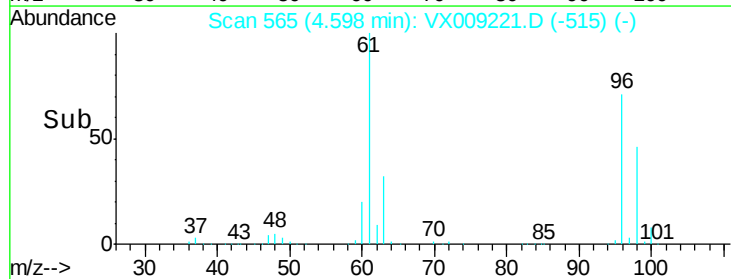
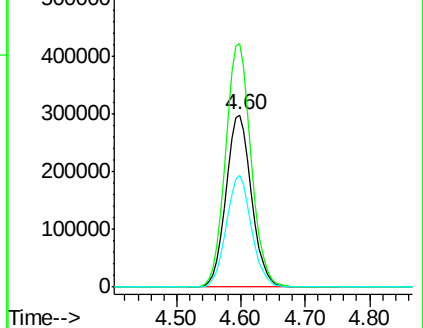
98 64.3 0.0 130.4

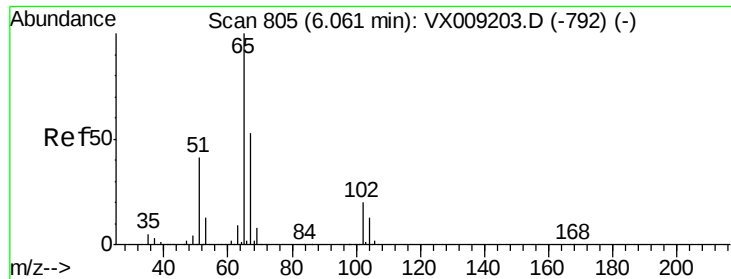


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.686 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

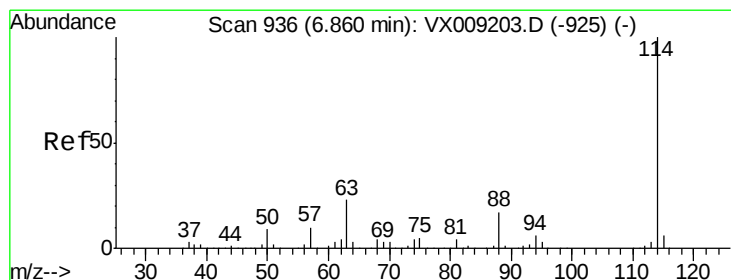
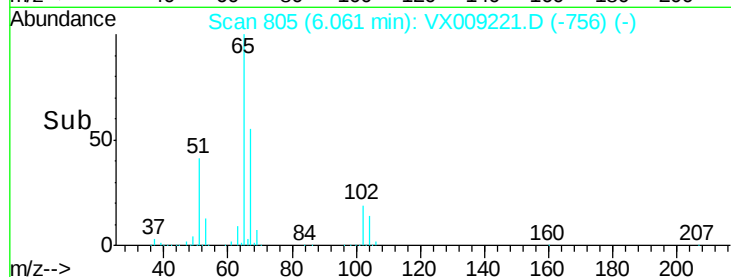
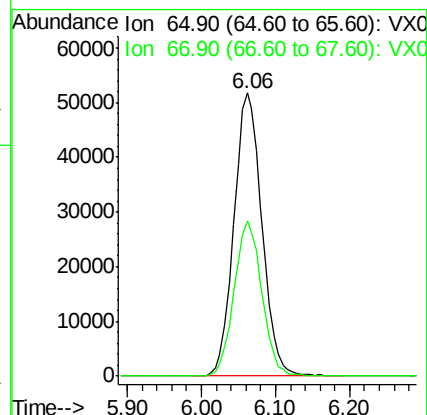
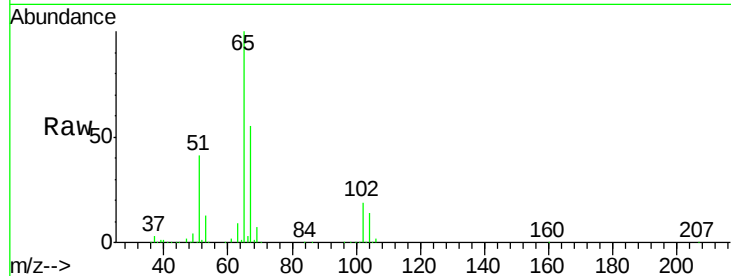
WP021MW346-190425

Tot Ion: 65 Resp: 136346

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

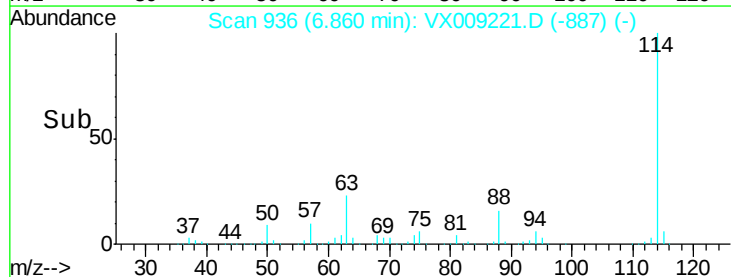
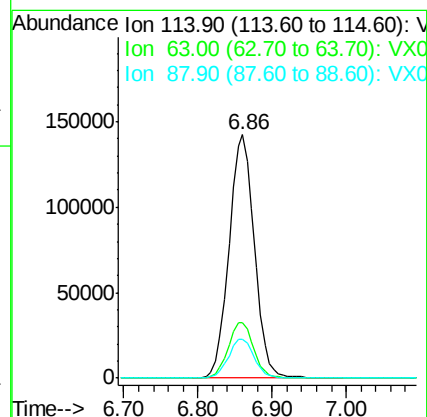
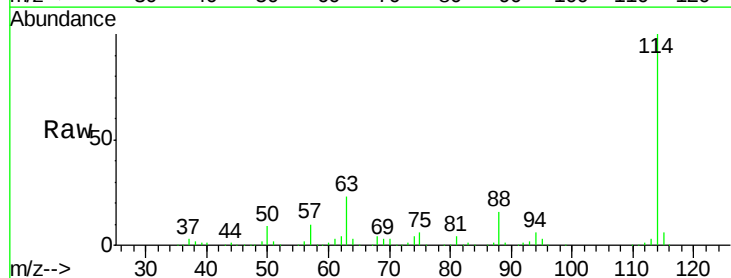
Tgt Ion: 114 Resp: 338548

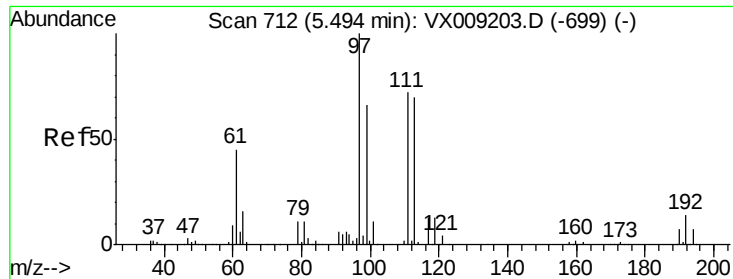
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.0 0.0 33.2

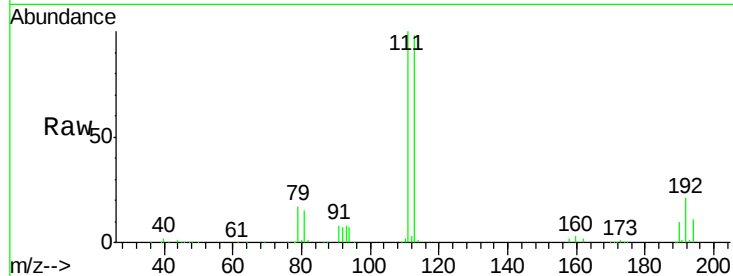




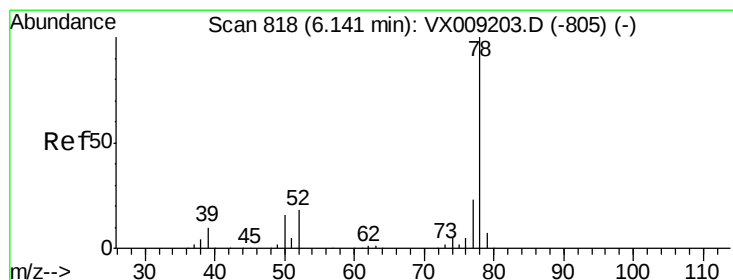
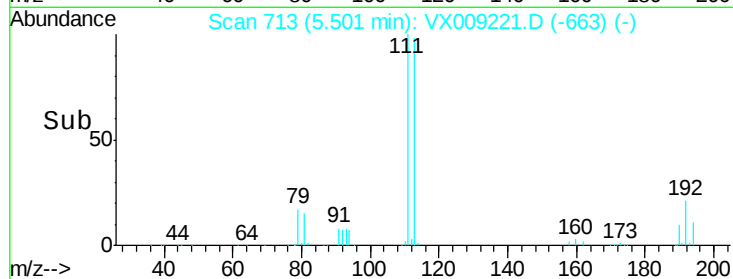
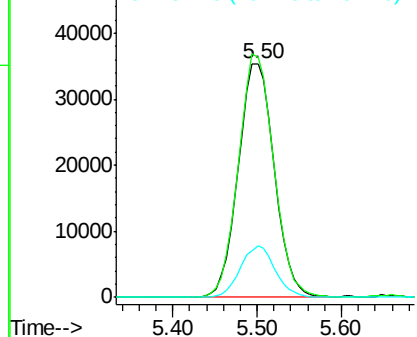
#35
 Dibromofluoromethane
 Concen: 48.204 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009221.D
 Acq: 29 Apr 2019 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW346-190425

Tot Ion:113 Resp: 102590
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 21.2 17.0 25.6

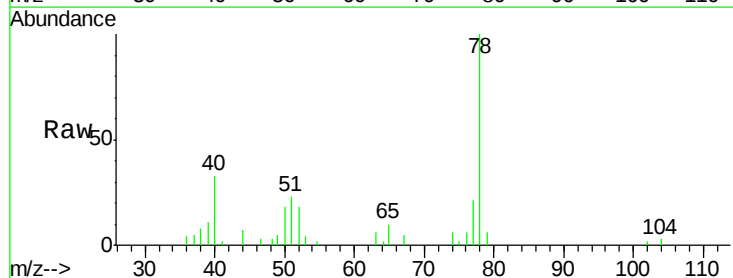


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

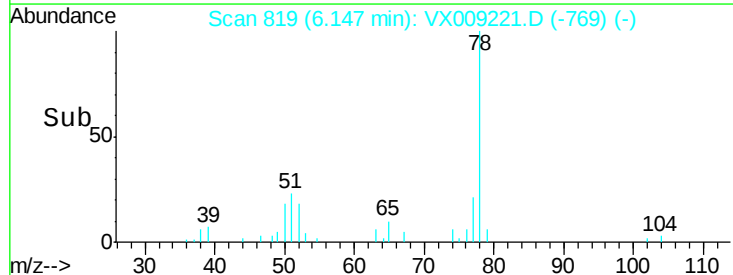
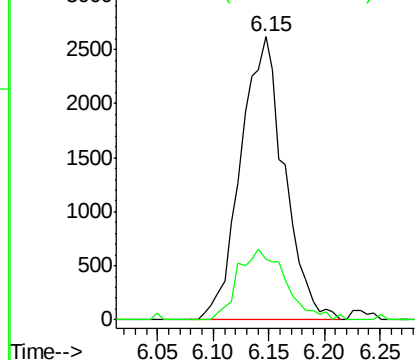


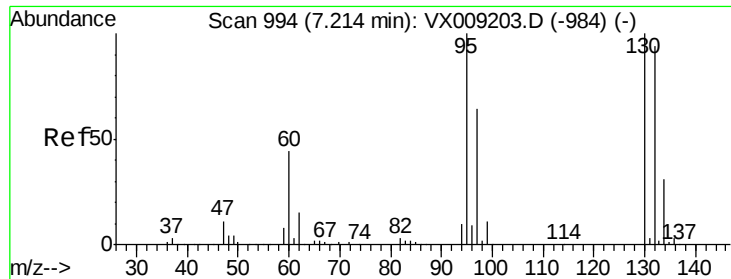
#40
 Benzene
 Concen: 0.732 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX009221.D
 Acq: 29 Apr 2019 20:39

Tgt Ion: 78 Resp: 7132
 Ion Ratio Lower Upper
 78 100
 77 21.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0

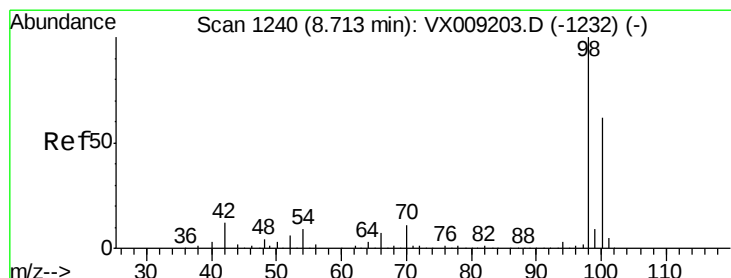
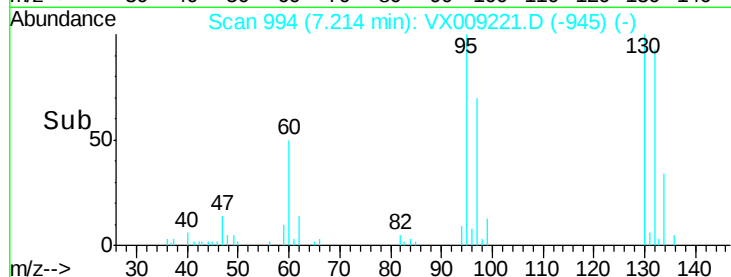
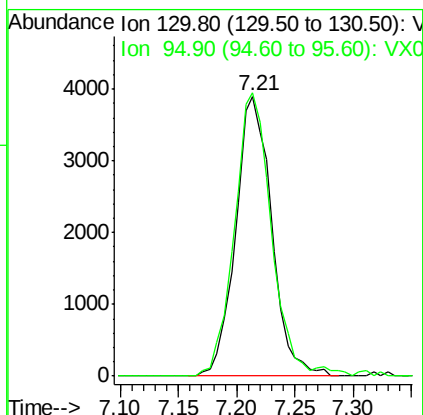
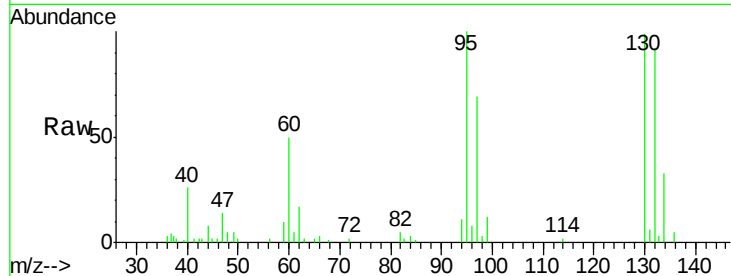




#44
 Trichloroethene
 Concen: 3.577 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009221.D
 Acq: 29 Apr 2019 20:39

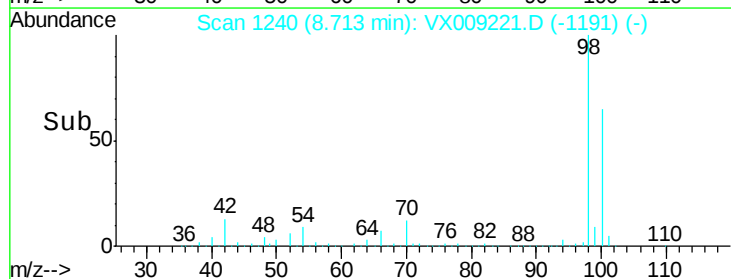
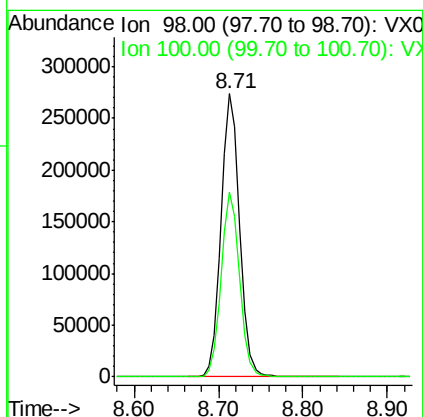
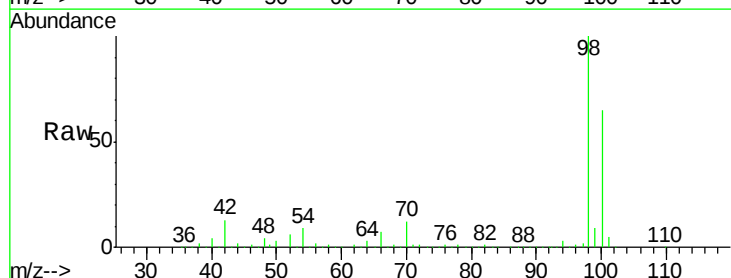
Instrument :
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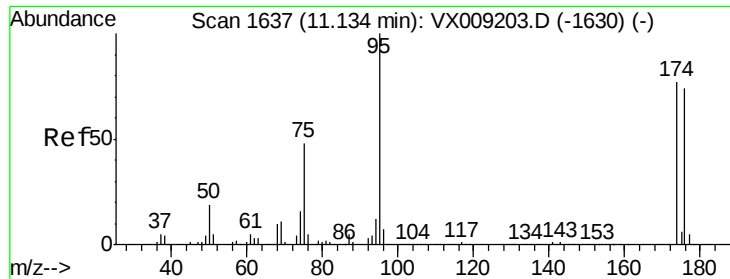
Tot Ion:130 Resp: 8419
 Ion Ratio Lower Upper
 130 100
 95 101.1 0.0 199.2



#50
 Toluene-d8
 Concen: 48.696 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009221.D
 Acq: 29 Apr 2019 20:39

Tgt Ion: 98 Resp: 418410
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 43.451 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

WP021MW346-190425

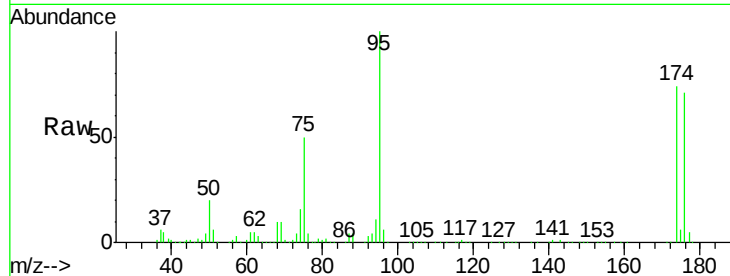
Tot Ion: 95 Resp: 135658

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

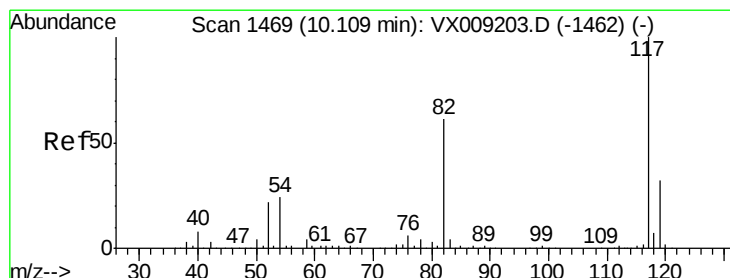
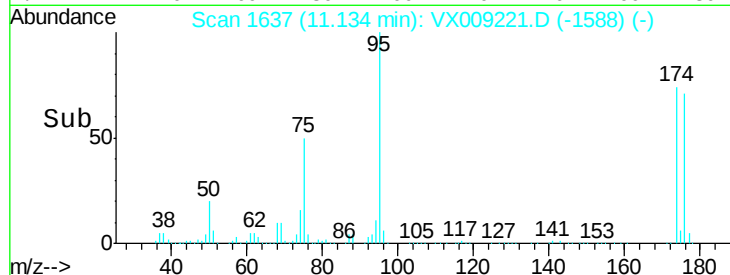
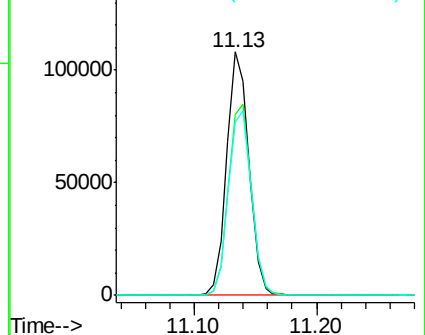
176 78.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009221.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009221.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009221.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

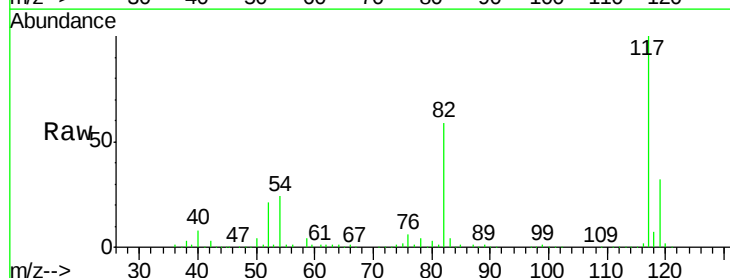
Tgt Ion: 117 Resp: 290429

Ion Ratio Lower Upper

117 100

82 59.3 48.8 73.2

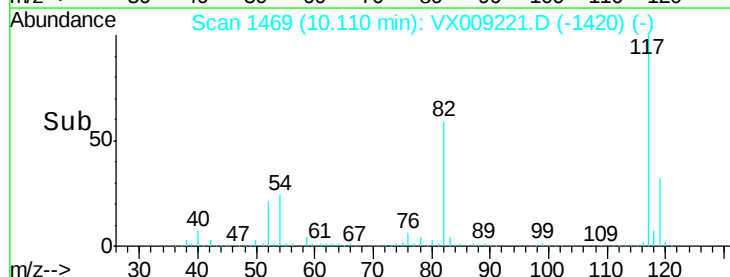
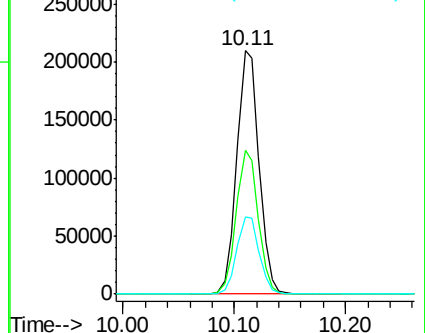
119 32.0 25.8 38.6

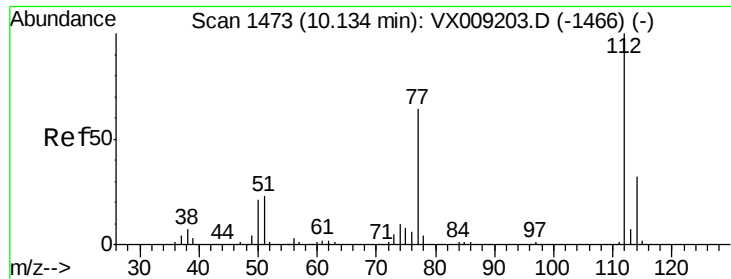


Abundance Ion 116.90 (116.60 to 117.60): VX009221.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009221.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009221.D (-1420) (-)

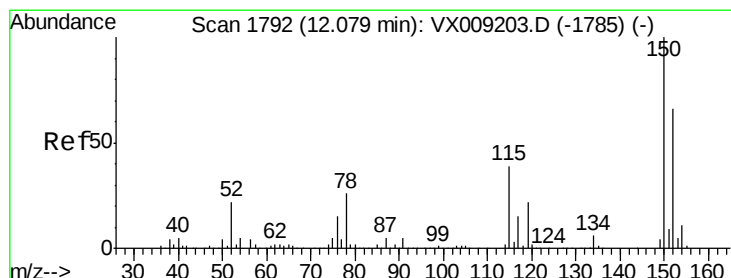
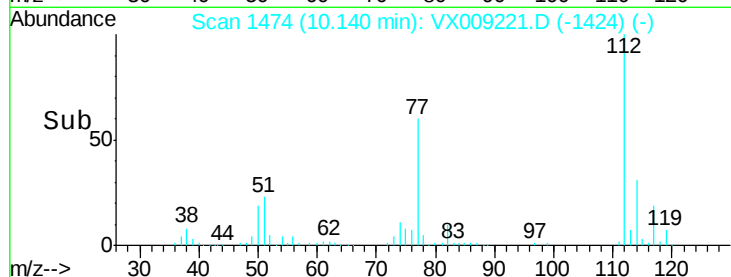
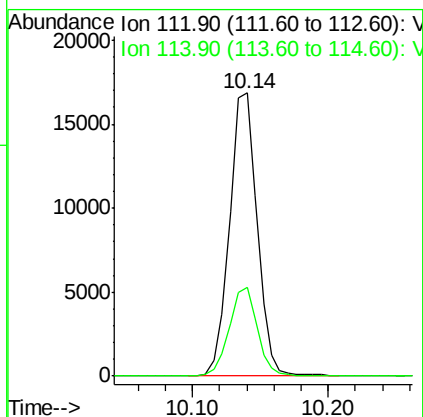
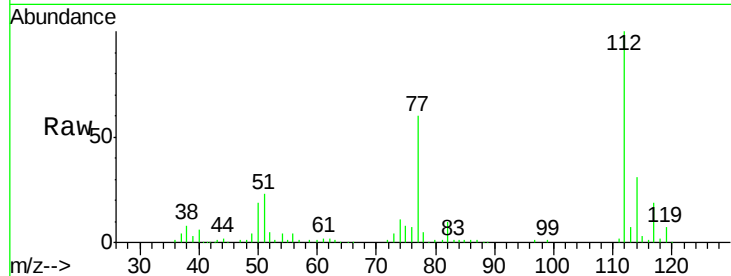




#65
Chlorobenzene
Concen: 4.101 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009221.D
Acq: 29 Apr 2019 20:39

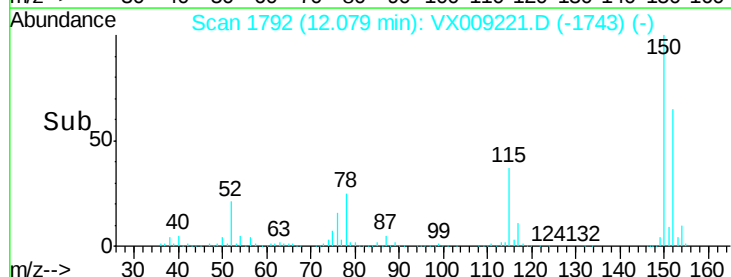
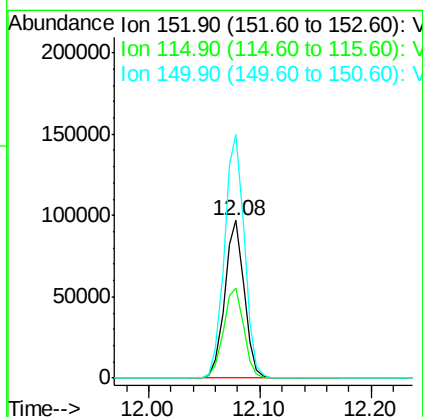
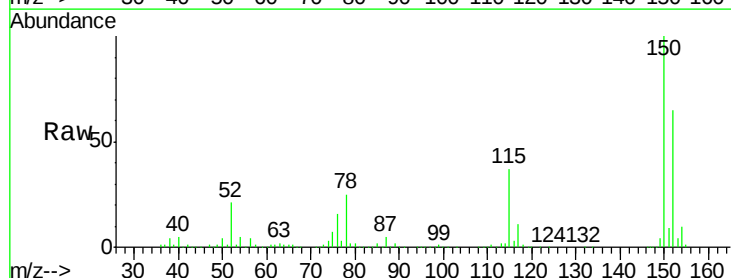
Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-190425

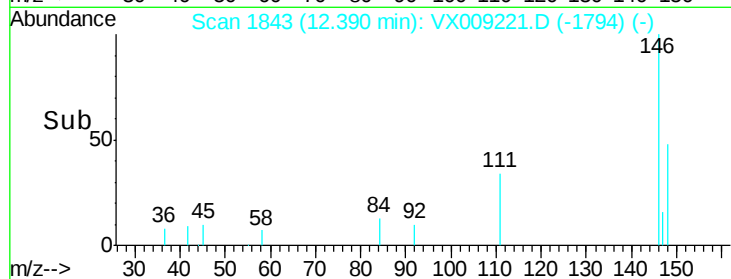
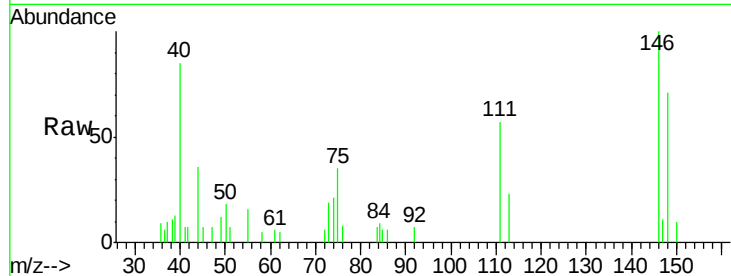
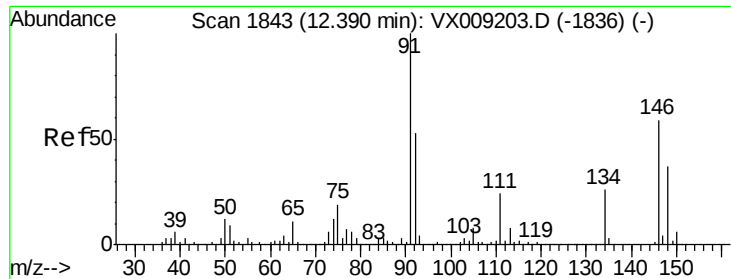
Tot Ion:112 Resp: 23824
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009221.D
Acq: 29 Apr 2019 20:39

Tgt Ion:152 Resp: 117335
Ion Ratio Lower Upper
152 100
115 59.4 41.2 123.6
150 157.9 0.0 346.4





#91

1,2-Dichlorobenzene

Concen: 0.343 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009221.D

Acq: 29 Apr 2019 20:39

Instrument :

MSVOA_X

ClientSampleId :

WP021MW346-190425

Tot Ion:146 Resp: 1319

Ion Ratio Lower Upper

146 100

111 52.3 20.8 62.4

148 67.3 31.9 95.9

