

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010733.D
 Acq On : 09 Jul 2019 06:37
 Operator : JC/SP
 Sample : K3691-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705

Quant Time: Jul 09 08:13:20 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	5.66	168	219554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145383	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	110194	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.06%	
35) Dibromofluoromethane	5.50	113	104945	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	8.71	98	407000	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.13	95	138789	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	

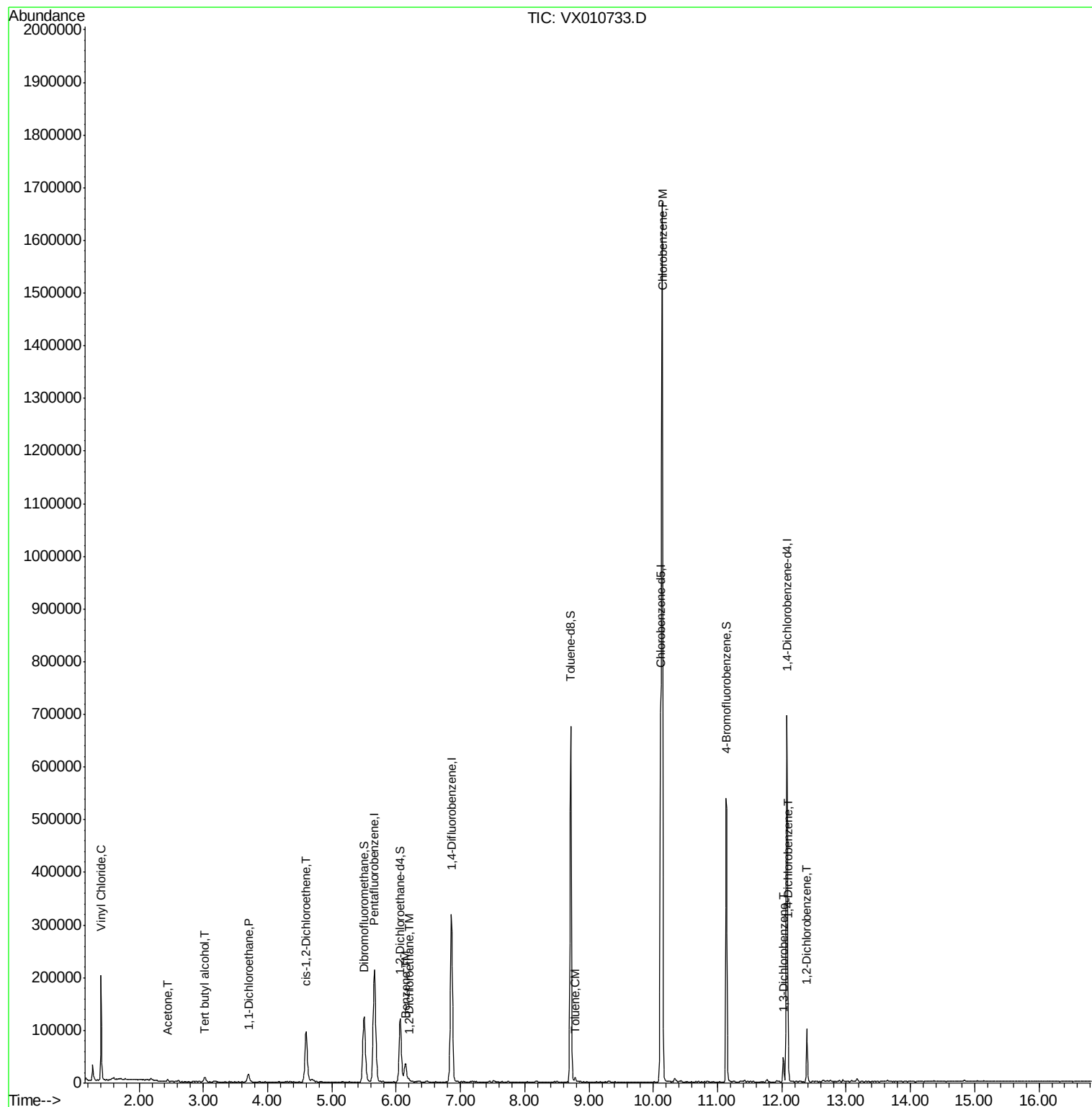
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	126977	65.224	ug/l	96
11) Tert butyl alcohol	3.03	59	6067	11.263	ug/l #	94
16) Acetone	2.45	43	4530	4.391	ug/l	92
24) 1,1-Dichloroethane	3.70	63	16247	4.976	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	66832	28.257	ug/l	91
40) Benzene	6.15	78	43004	5.082	ug/l	99
42) 1,2-Dichloroethane	6.20	62	4807	1.866	ug/l	96
52) Toluene	8.79	92	3079	0.553	ug/l	93
65) Chlorobenzene	10.14	112	796968	125.817	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	15513	3.230	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	31820	6.507	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	32168	6.738	ug/l	99

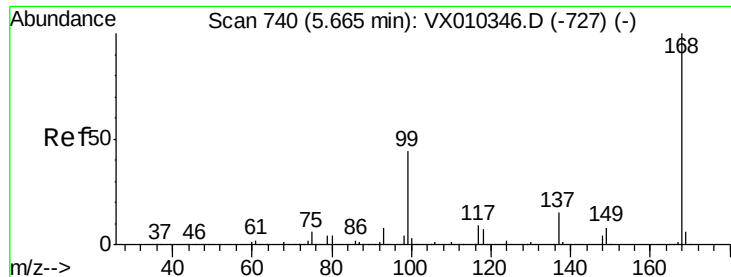
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010733.D

Acq: 09 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

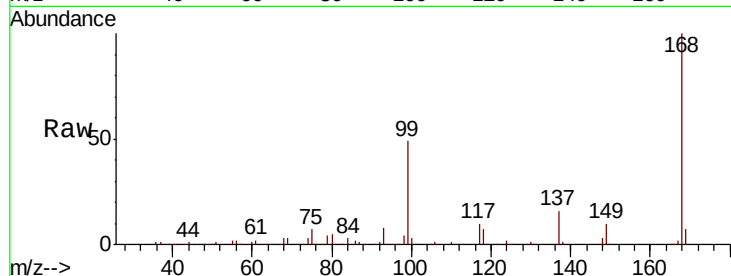
WP022MW359-190705

Tgt Ion: 168 Resp: 219554

Ion Ratio Lower Upper

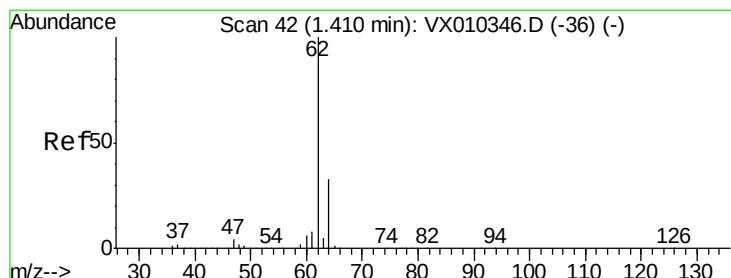
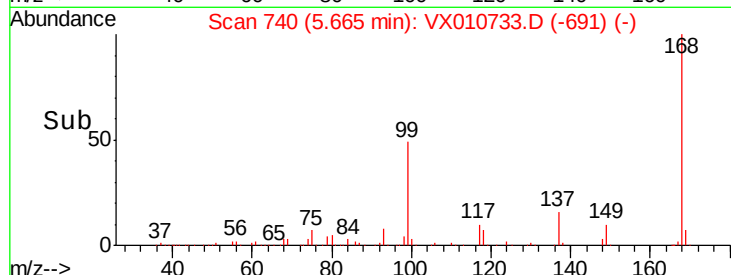
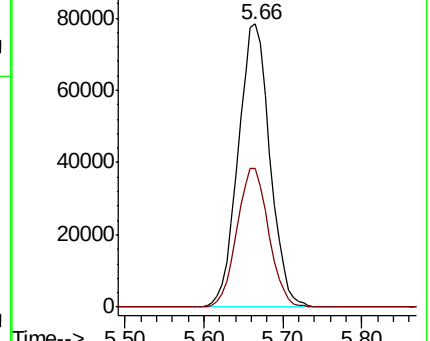
168 100

99 49.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 65.224 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010733.D

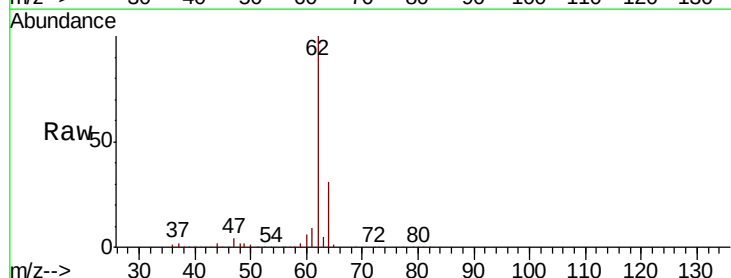
Acq: 09 Jul 2019 06:37

Tgt Ion: 62 Resp: 126977

Ion Ratio Lower Upper

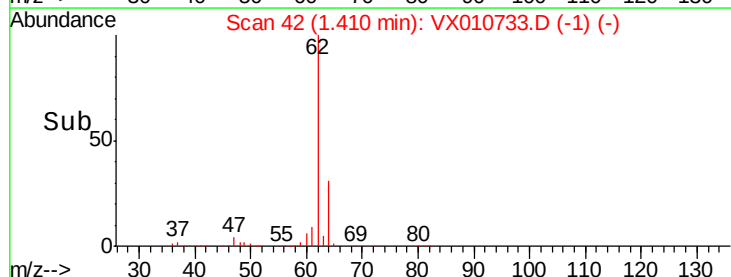
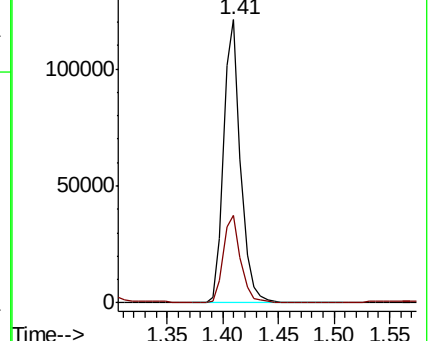
62 100

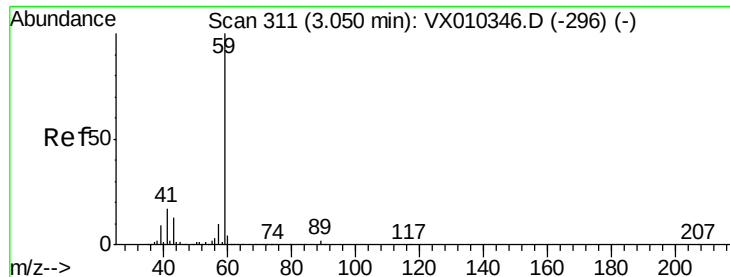
64 30.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

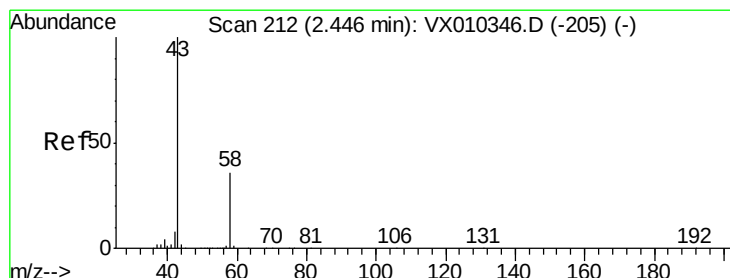
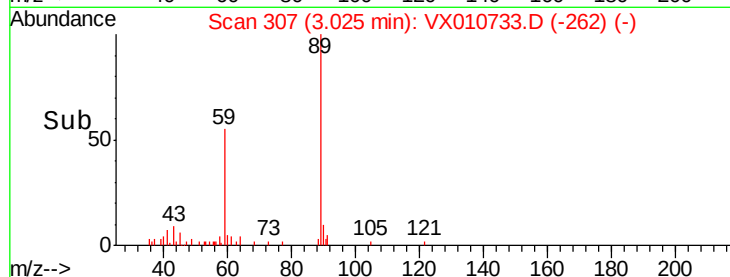
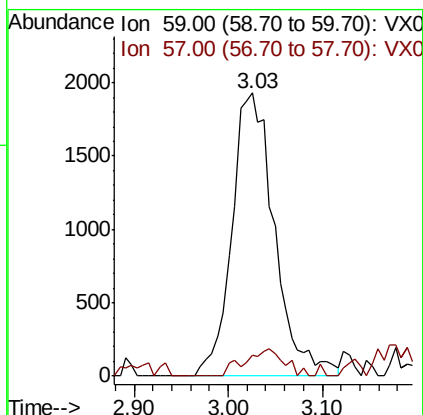
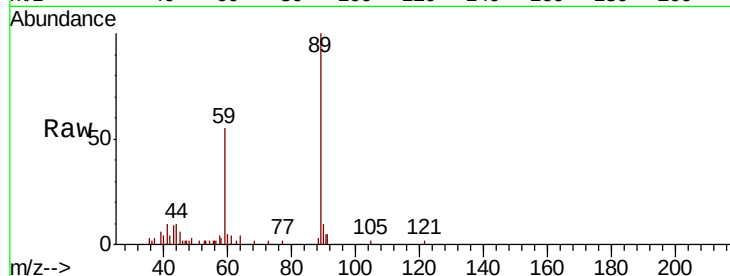




#11
Tert butyl alcohol
Concen: 11.263 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010733.D
Acq: 09 Jul 2019 06:37

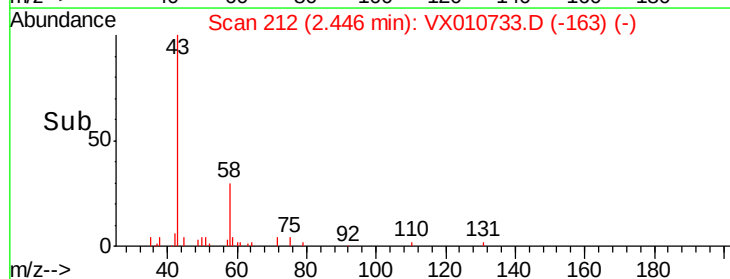
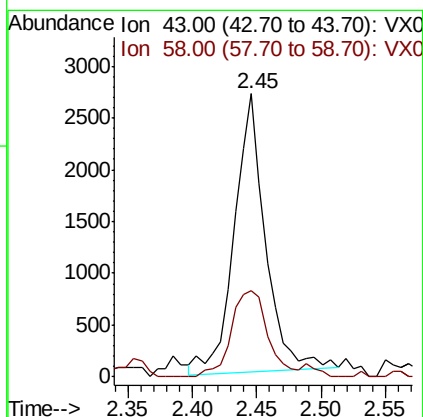
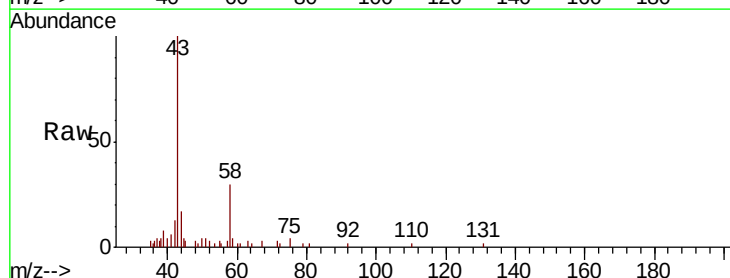
Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705

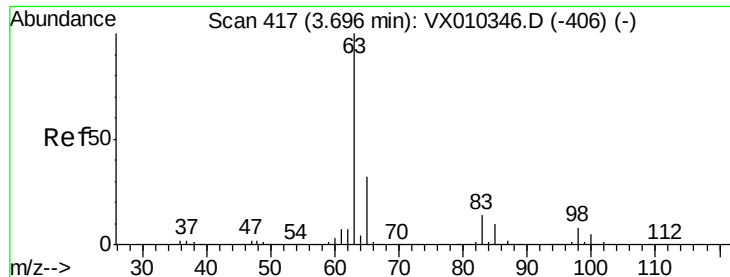
Tgt Ion: 59 Resp: 6067
Ion Ratio Lower Upper
59 100
57 7.4 7.7 11.5#



#16
Acetone
Concen: 4.391 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010733.D
Acq: 09 Jul 2019 06:37

Tgt Ion: 43 Resp: 4530
Ion Ratio Lower Upper
43 100
58 31.5 28.9 43.3





#24

1,1-Dichloroethane

Concen: 4.976 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010733.D

Acq: 09 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705

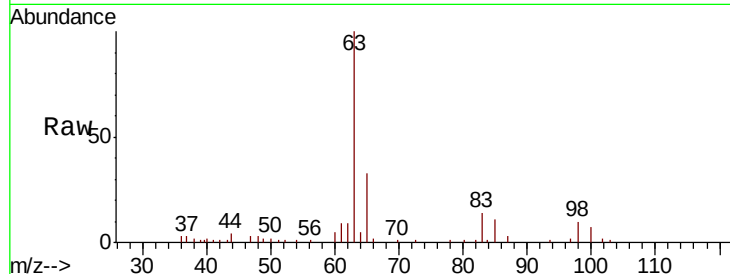
Tgt Ion: 63 Resp: 16247

Ion Ratio Lower Upper

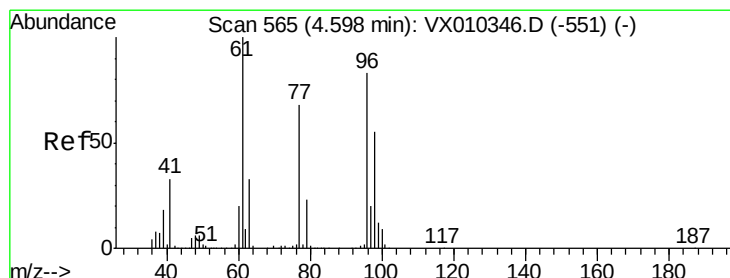
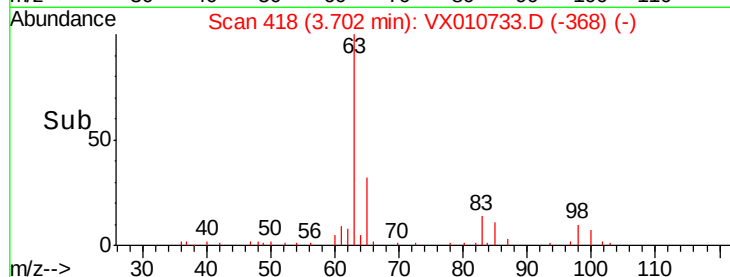
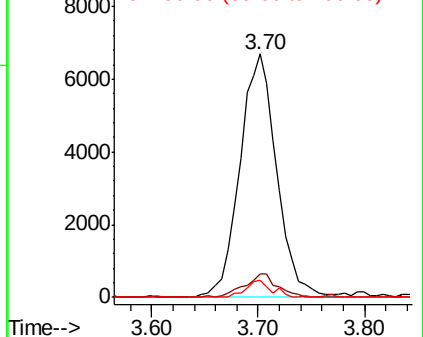
63 100

98 9.8 3.9 11.7

100 6.9 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: 28.257 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010733.D

Acq: 09 Jul 2019 06:37

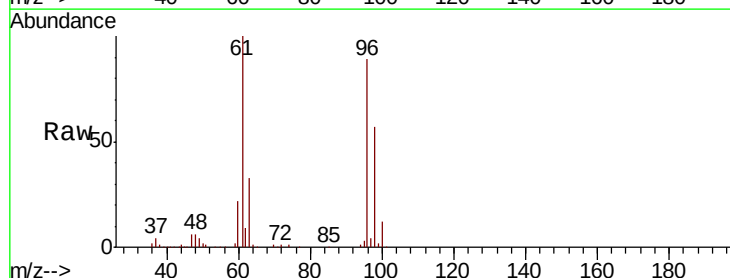
Tgt Ion: 96 Resp: 66832

Ion Ratio Lower Upper

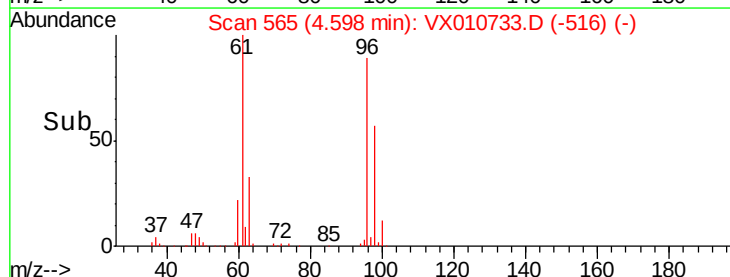
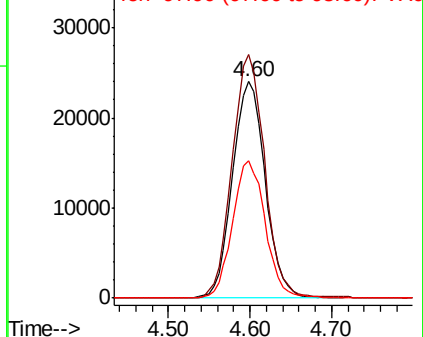
96 100

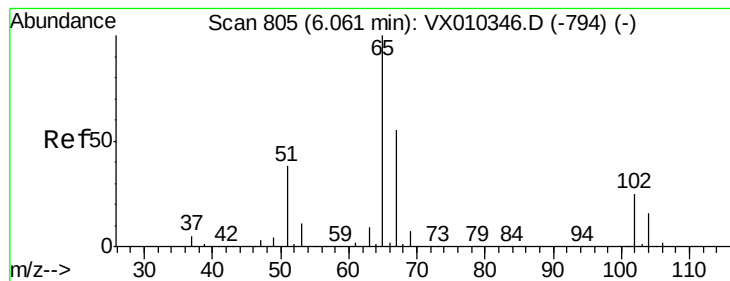
61 111.7 0.0 251.8

98 63.2 0.0 129.4



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: 53.530 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010733.D

Acq: 09 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

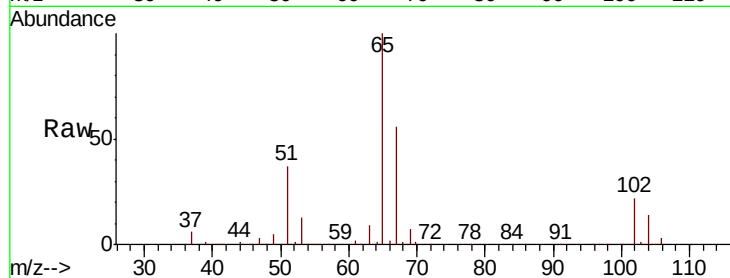
WP022MW359-190705

Tgt Ion: 65 Resp: 110194

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

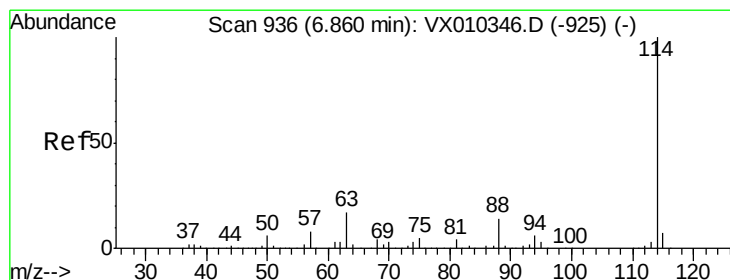
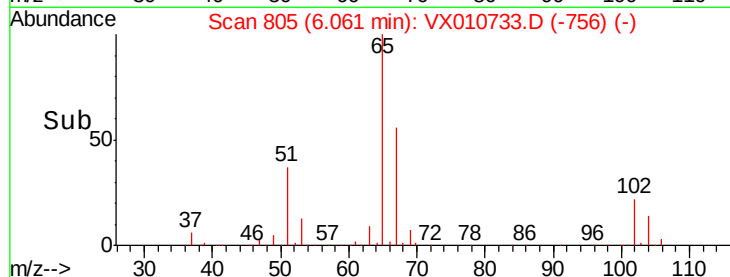
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010733.D

Acq: 09 Jul 2019 06:37

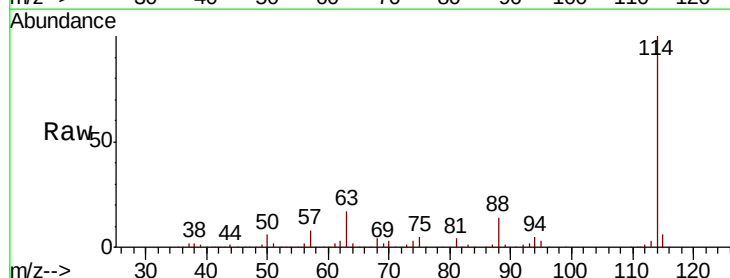
Tgt Ion: 114 Resp: 341779

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.8

88 14.2 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

200000

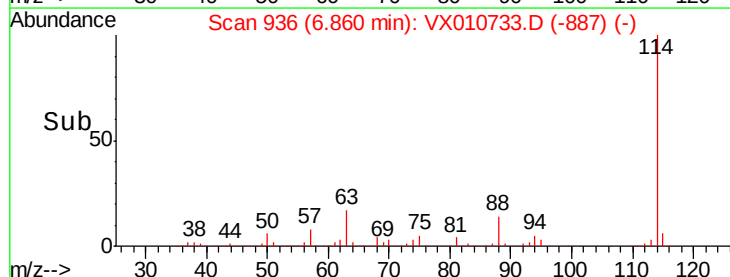
150000

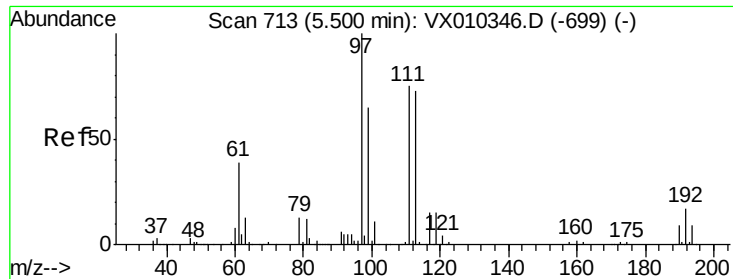
100000

50000

0

Time-->

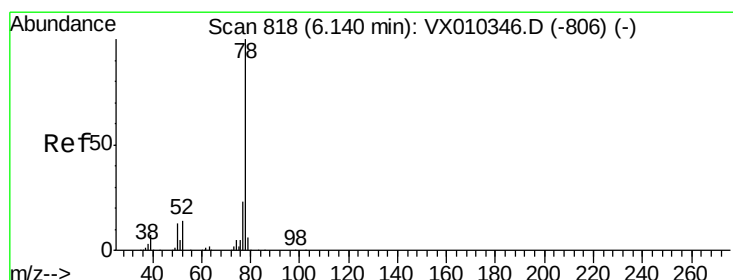
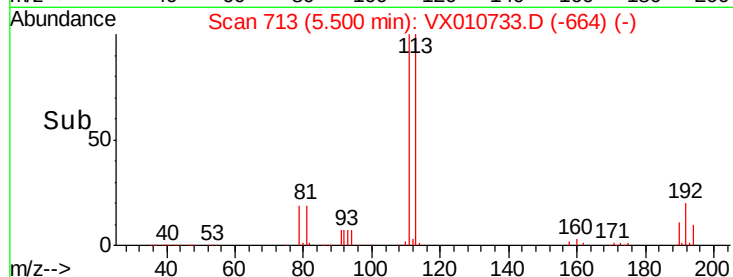
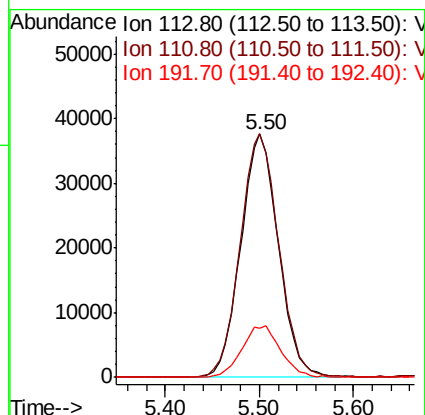
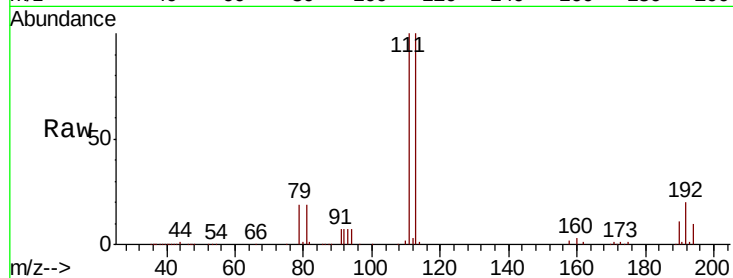




#35
 Dibromofluoromethane
 Concen: 50.186 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

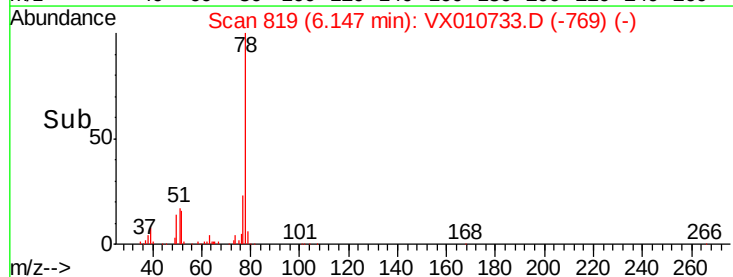
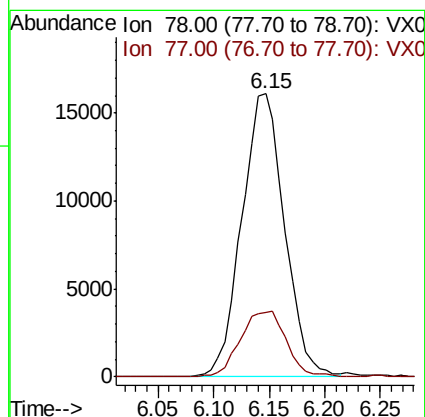
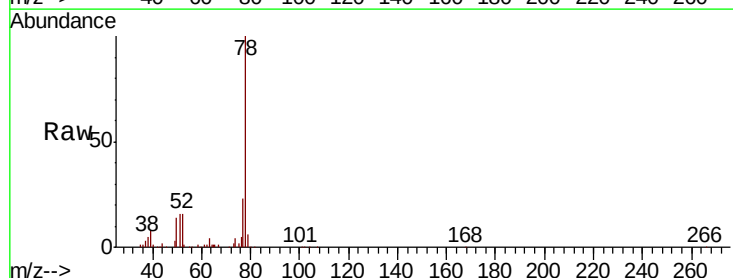
Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705

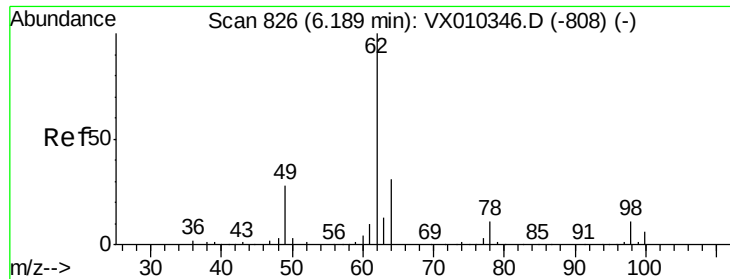
Tgt Ion:113 Resp: 104945
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.2 121.8
 192 22.0 18.6 27.8



#40
 Benzene
 Concen: 5.082 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

Tgt Ion: 78 Resp: 43004
 Ion Ratio Lower Upper
 78 100
 77 22.6 18.6 28.0

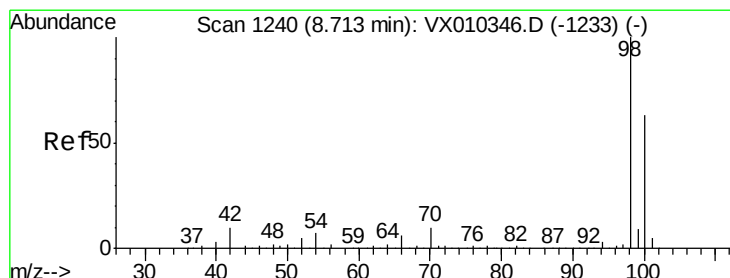
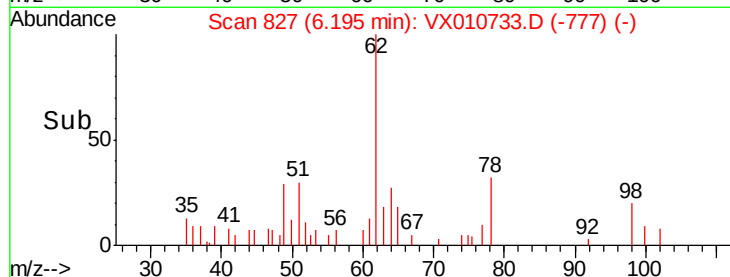
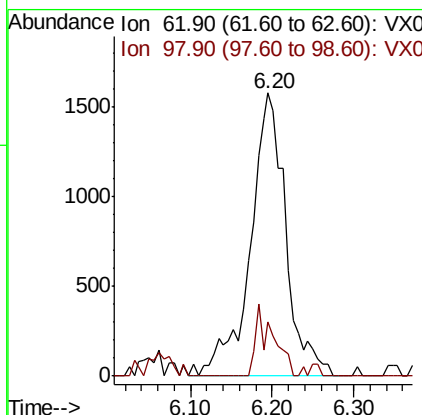
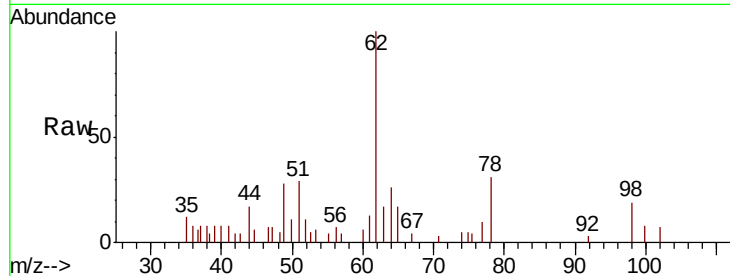




#42
 1,2-Dichloroethane
 Concen: 1.866 ug/l
 RT: 6.20 min Scan# 827
 Delta R.T. 0.01 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

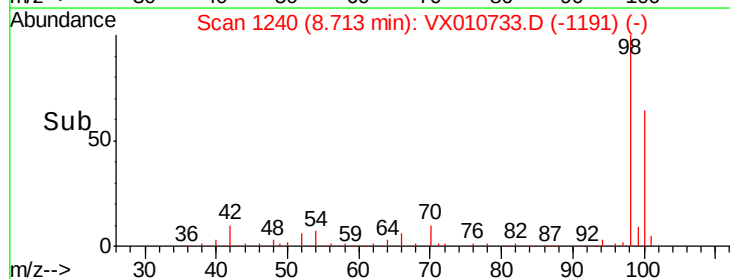
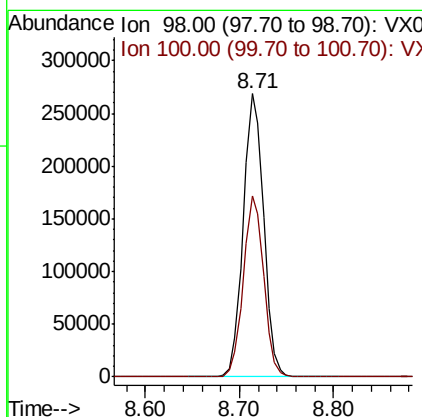
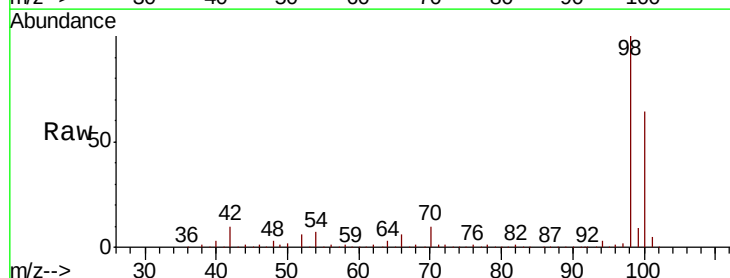
Instrument :
 MSVOA_X
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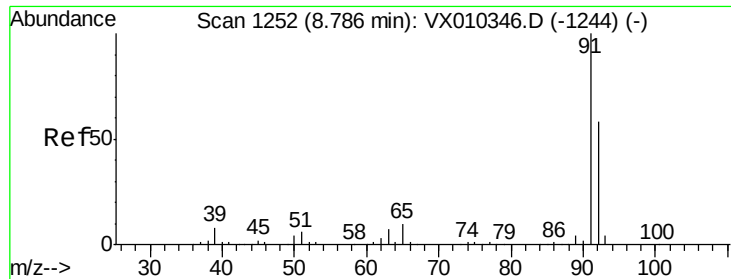
Tgt Ion: 62 Resp: 4807
 Ion Ratio Lower Upper
 62 100
 98 12.6 0.0 22.2



#50
 Toluene-d8
 Concen: 50.873 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

Tgt Ion: 98 Resp: 407000
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.6 77.4





#52

Toluene

Concen: 0.553 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX010733.D

Acq: 09 Jul 2019 06:37

Instrument :

MSVOA_X

ClientSampleId :

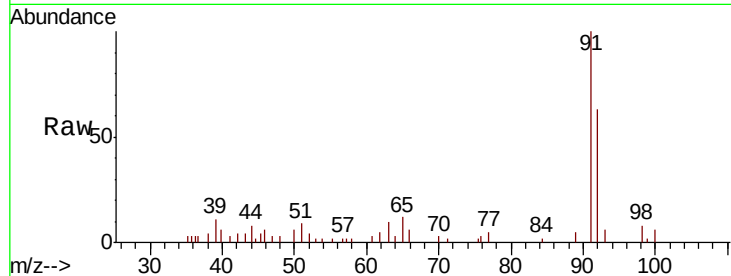
WP022MW359-190705

Tgt Ion: 92 Resp: 3079

Ion Ratio Lower Upper

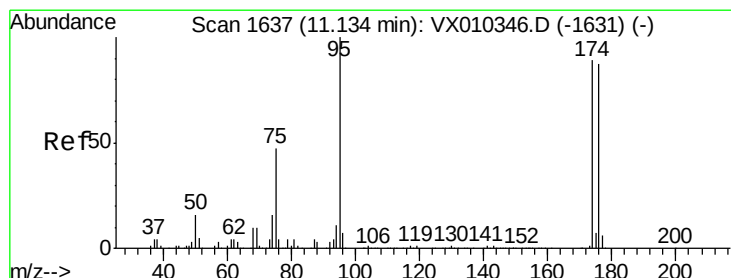
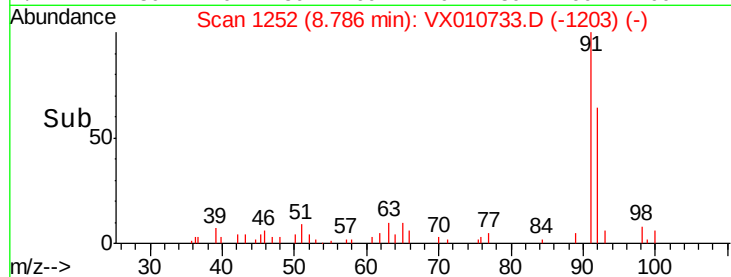
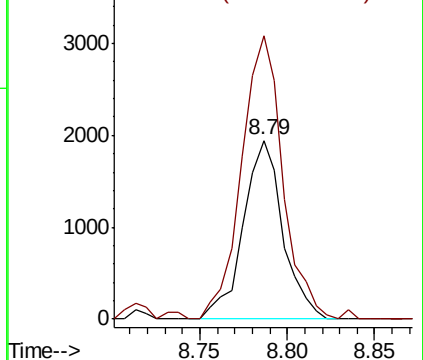
92 100

91 165.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.052 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010733.D

Acq: 09 Jul 2019 06:37

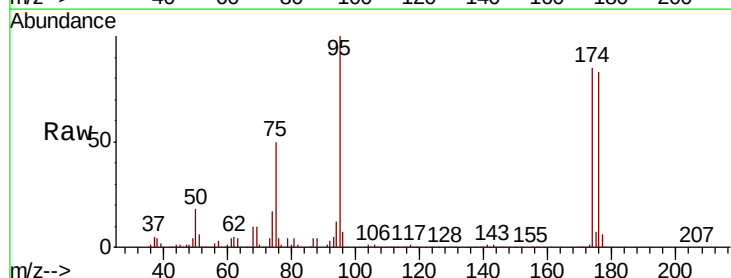
Tgt Ion: 95 Resp: 138789

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.6

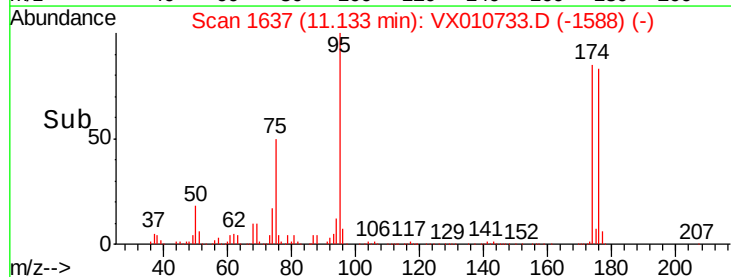
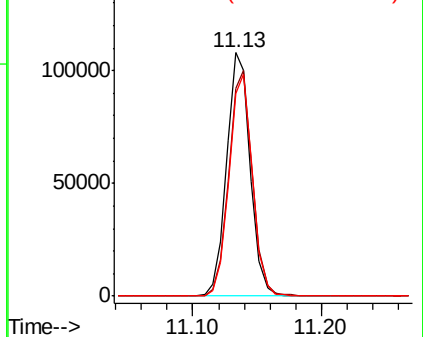
176 90.4 0.0 184.0

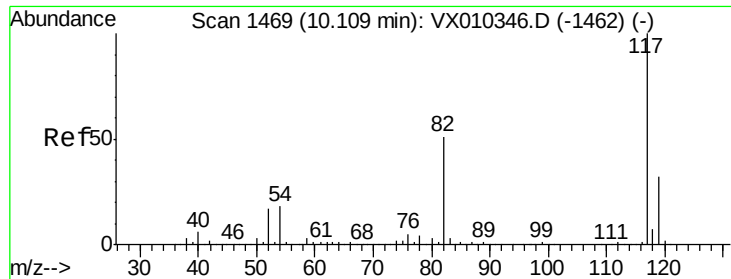


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

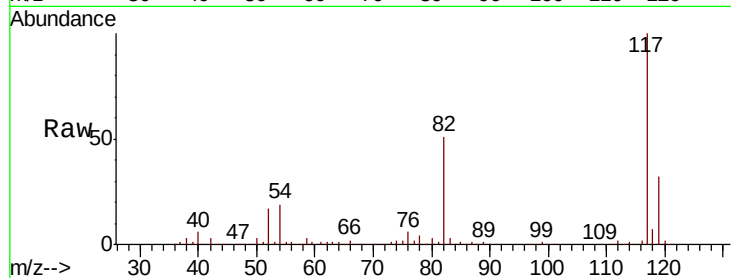




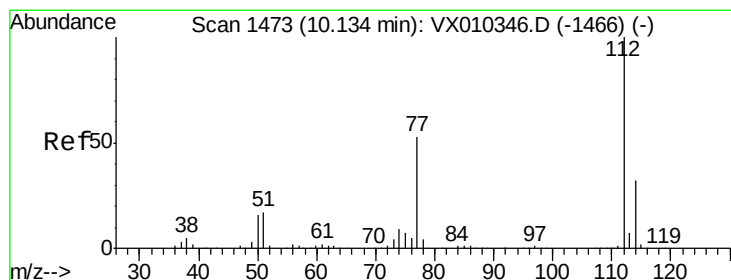
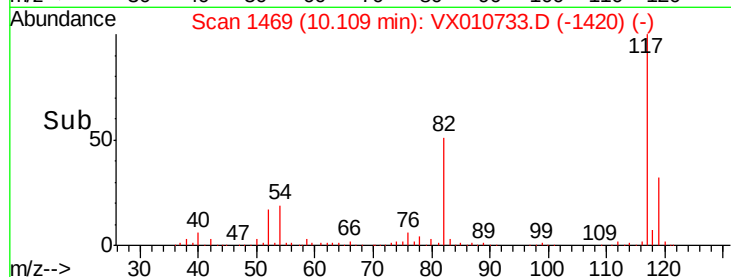
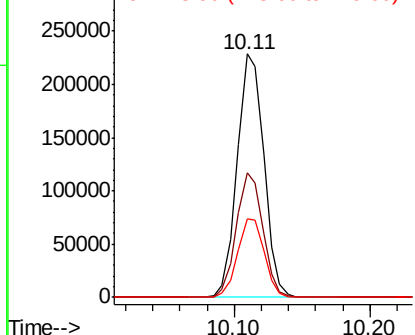
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010733.D
Acq: 09 Jul 2019 06:37

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705

Tgt Ion:117 Resp: 312007
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.3 25.5 38.3

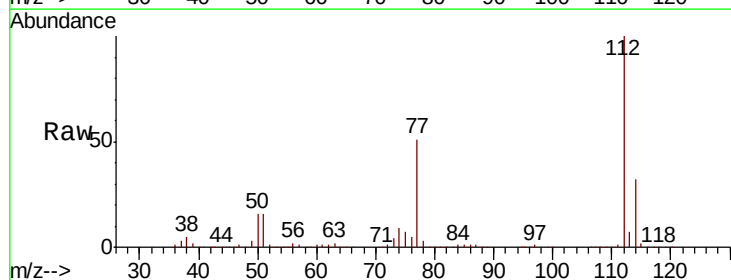


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

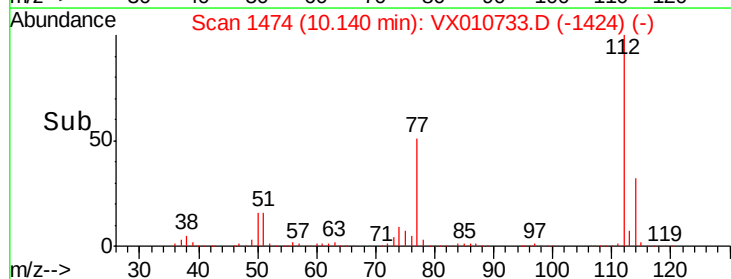
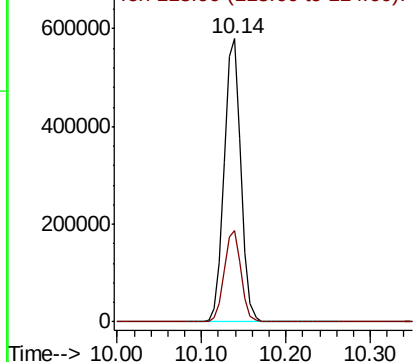


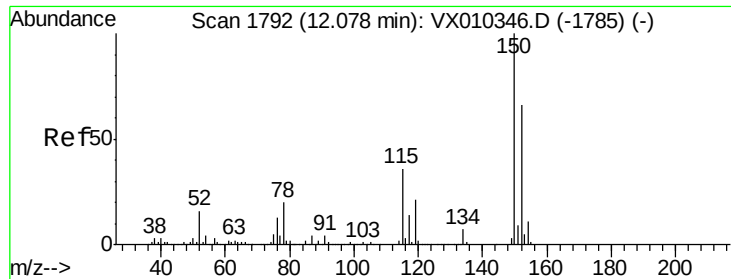
#65
Chlorobenzene
Concen: 125.817 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010733.D
Acq: 09 Jul 2019 06:37

Tgt Ion:112 Resp: 796968
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



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

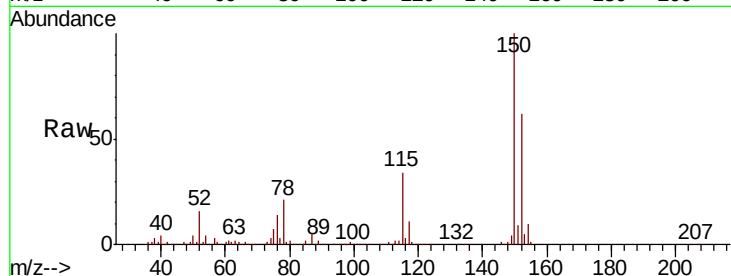




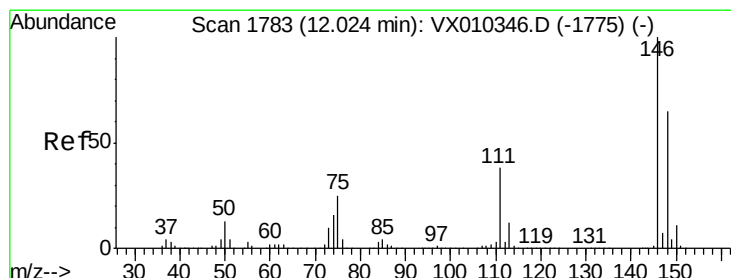
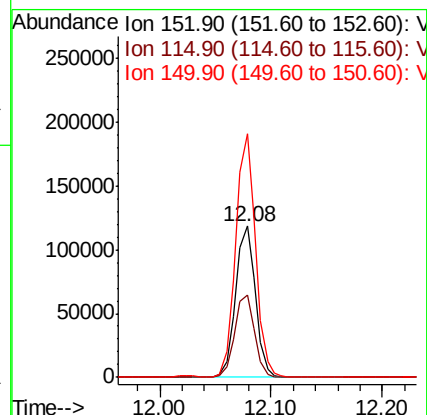
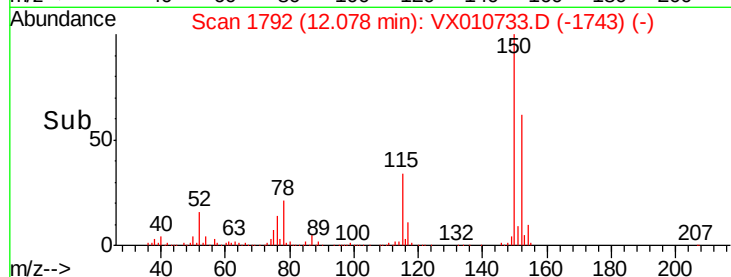
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705

Tgt Ion:152 Resp: 145383
 Ion Ratio Lower Upper
 152 100
 115 54.9 38.6 115.7
 150 160.4 0.0 347.4

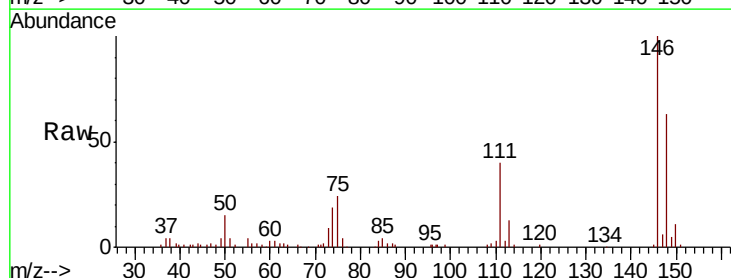


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

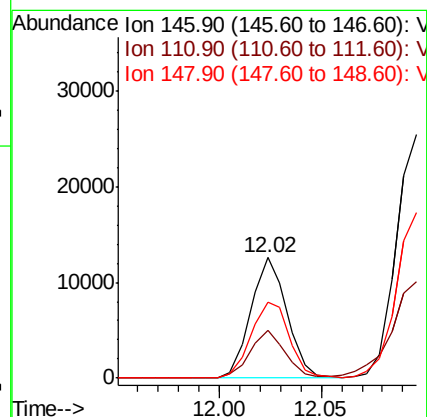
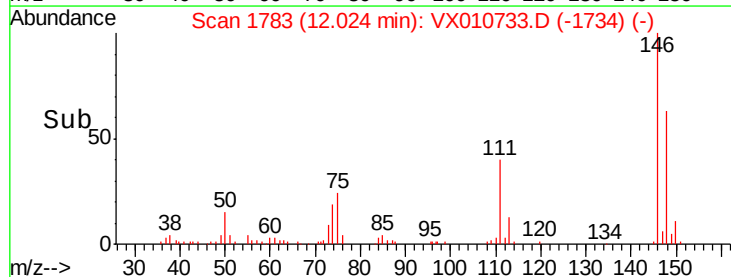


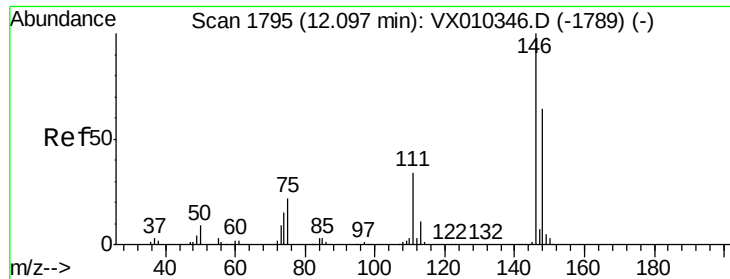
#87
 1,3-Dichlorobenzene
 Concen: 3.230 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

Tgt Ion:146 Resp: 15513
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 67.4 32.5 97.4



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

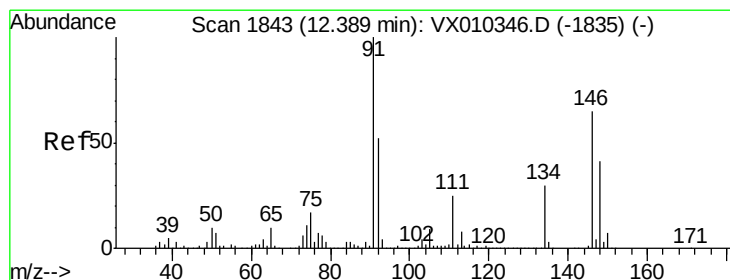
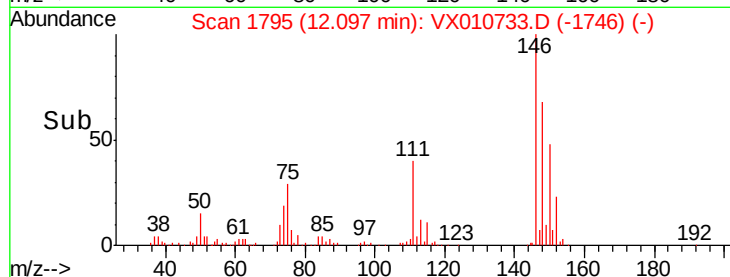
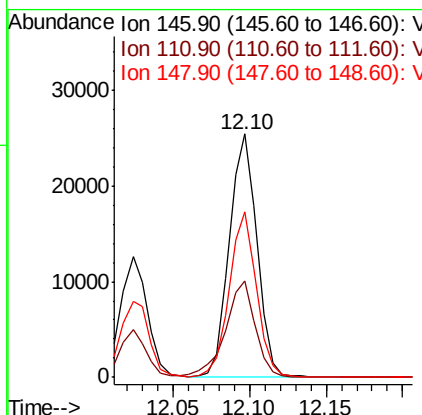
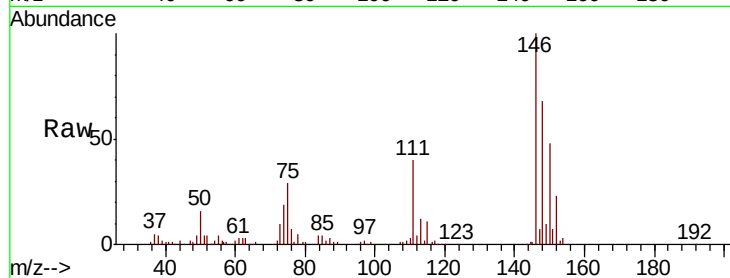




#88
 1,4-Dichlorobenzene
 Concen: 6.507 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705

Tgt Ion:146 Resp: 31820
 Ion Ratio Lower Upper
 146 100
 111 42.9 18.1 54.3
 148 66.9 32.1 96.3



#91
 1,2-Dichlorobenzene
 Concen: 6.738 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010733.D
 Acq: 09 Jul 2019 06:37

Tgt Ion:146 Resp: 32168
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.2 57.6
 148 64.5 32.0 96.0

