

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010260.D
 Acq On : 12 Jun 2019 18:55
 Operator : JC/SP
 Sample : K3309-01 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-190610

Quant Time: Jun 13 03:38:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	478234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	432518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205731	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	142052	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
35) Dibromofluoromethane	5.50	113	147299	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
50) Toluene-d8	8.71	98	560417	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	193596	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

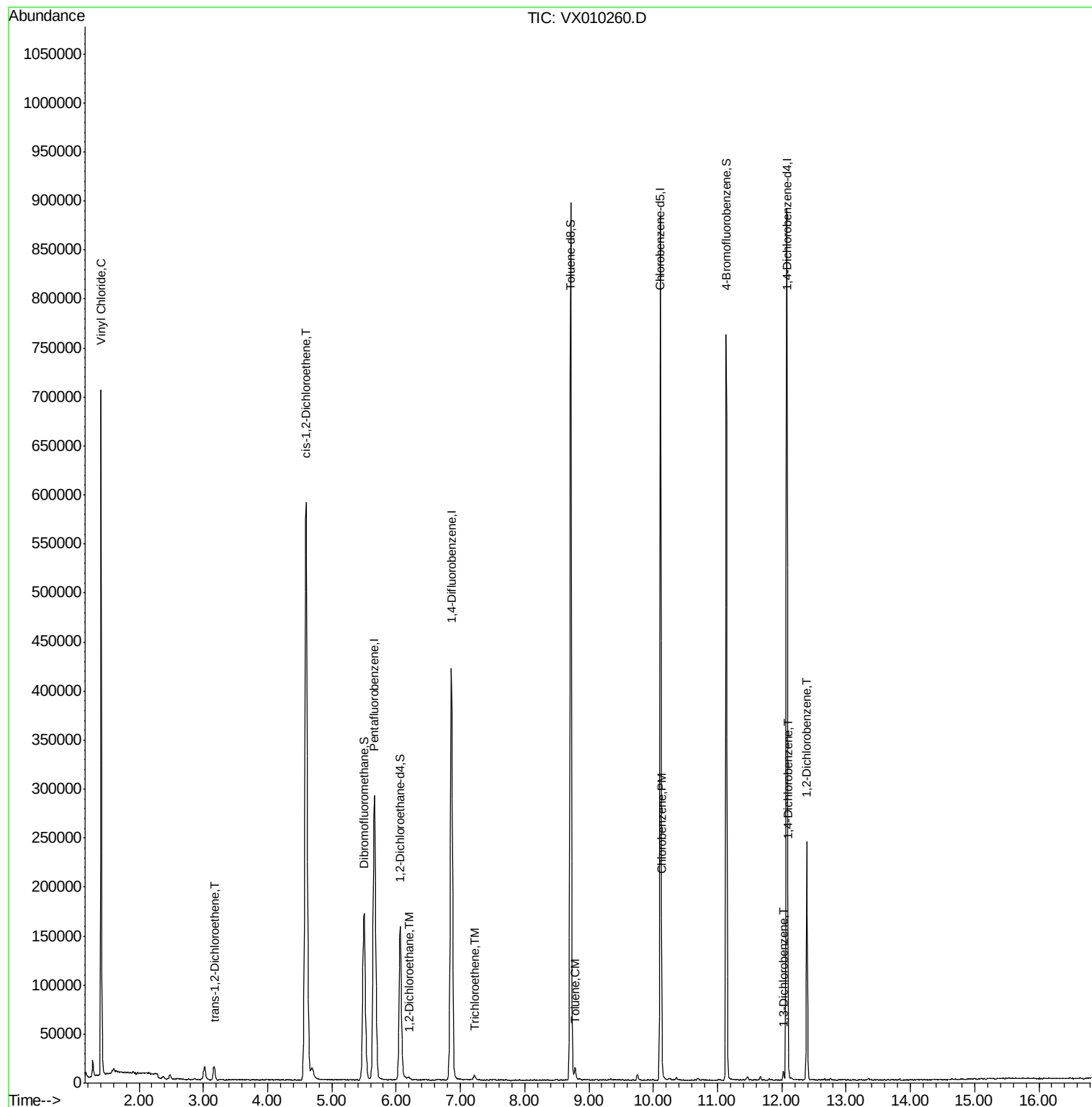
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	471050	173.245	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	6140	1.951	ug/l	81
27) cis-1,2-Dichloroethene	4.60	96	419458	119.817	ug/l	68
42) 1,2-Dichloroethane	6.20	62	2395	0.622	ug/l	99
44) Trichloroethene	7.22	130	2132	0.586	ug/l	85
52) Toluene	8.78	92	3910	0.493	ug/l	100
65) Chlorobenzene	10.13	112	3155	0.353	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	2955	0.425	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	10769	1.536	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	84742	12.531	ug/l	96

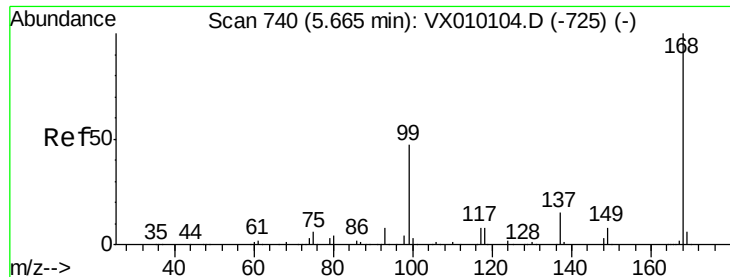
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061219\
Data File : VX010260.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010260.D

Acq: 12 Jun 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

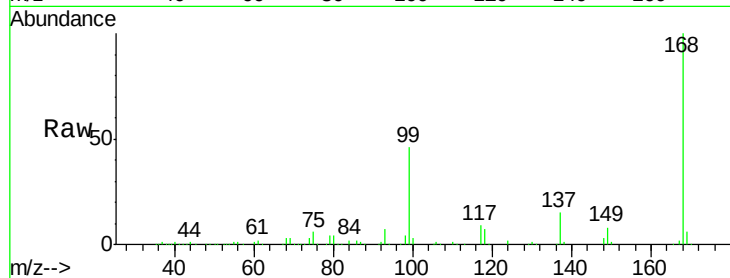
SS043MW009-190610

Tot Ion:168 Resp: 316583

Ion Ratio Lower Upper

168 100

99 45.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

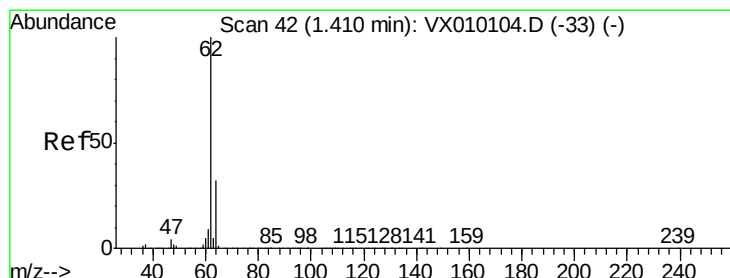
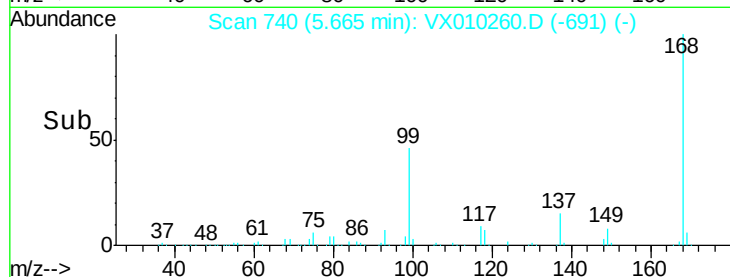
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 173.245 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010260.D

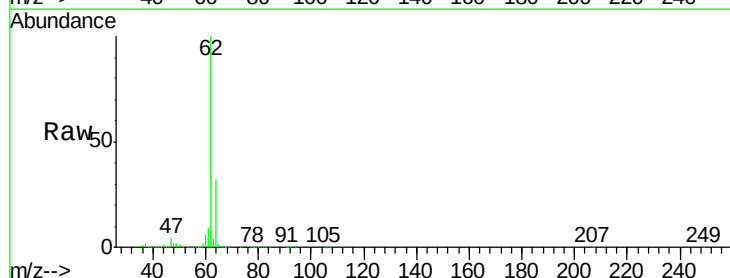
Acq: 12 Jun 2019 18:55

Tgt Ion: 62 Resp: 471050

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

500000

400000

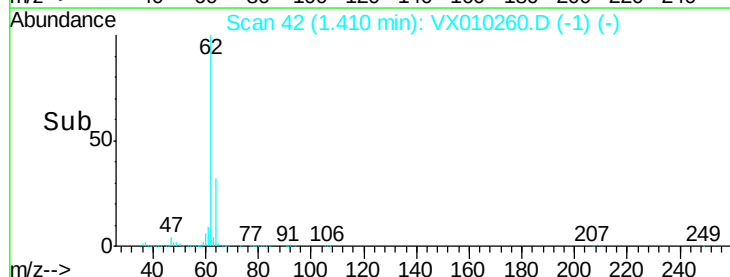
300000

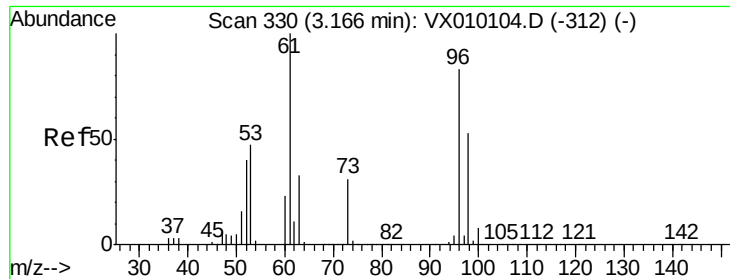
200000

100000

0

Time--> 1.30 1.40 1.50





#21

trans-1,2-Dichloroethene

Concen: 1.951 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX010260.D

Acq: 12 Jun 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

SS043MW009-190610

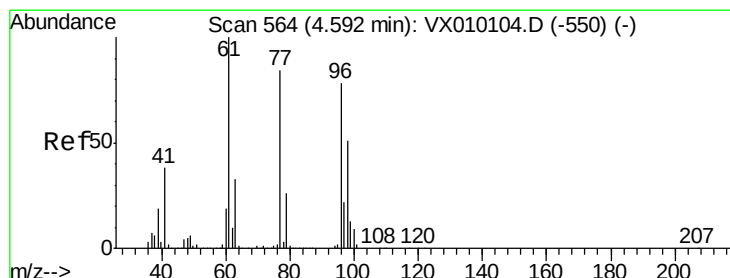
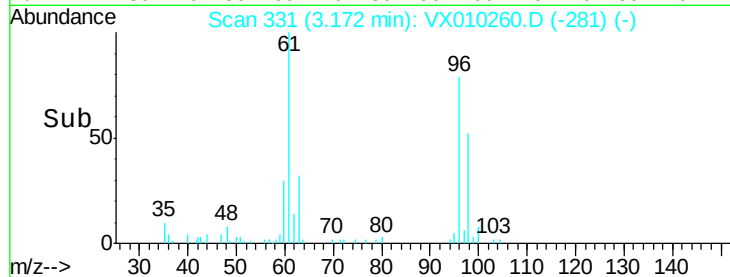
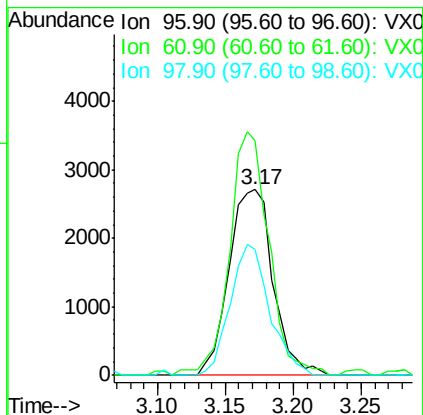
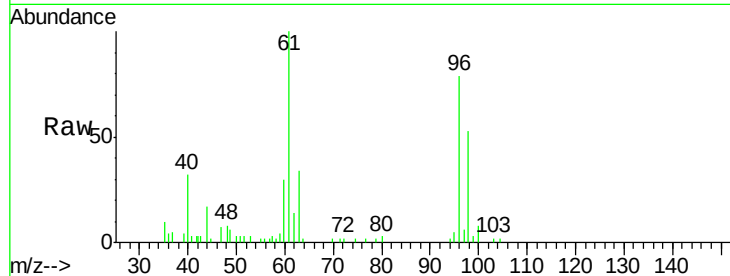
Tot Ion: 96 Resp: 6140

Ion Ratio Lower Upper

96 100

61 126.2 125.7 188.5

98 67.5 49.0 73.6



#27

cis-1,2-Dichloroethene

Concen: 119.817 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010260.D

Acq: 12 Jun 2019 18:55

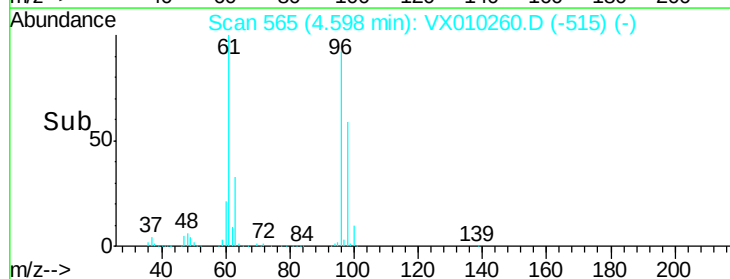
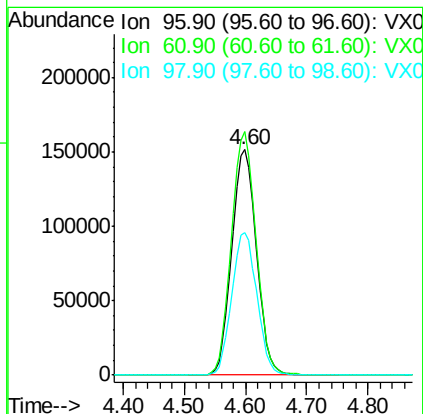
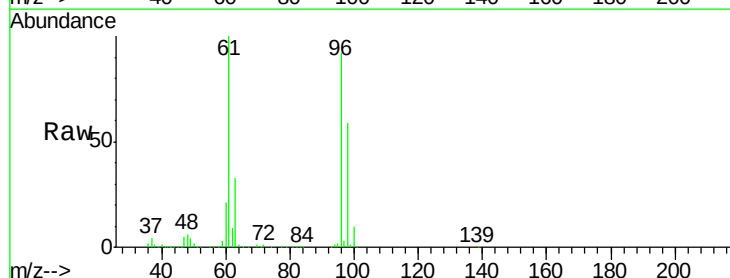
Tgt Ion: 96 Resp: 419458

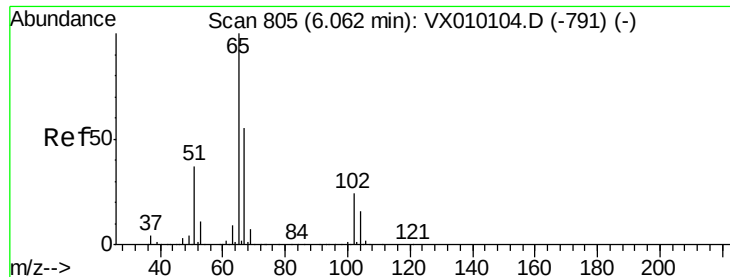
Ion Ratio Lower Upper

96 100

61 108.2 0.0 334.0

98 64.2 0.0 131.6

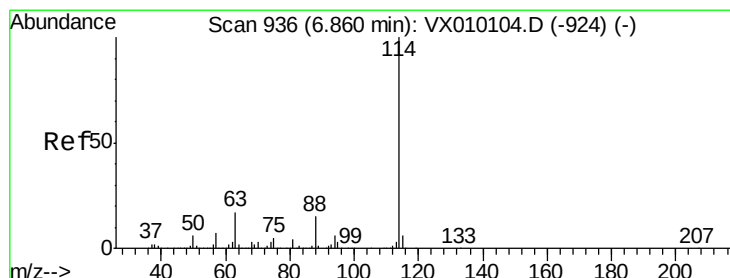
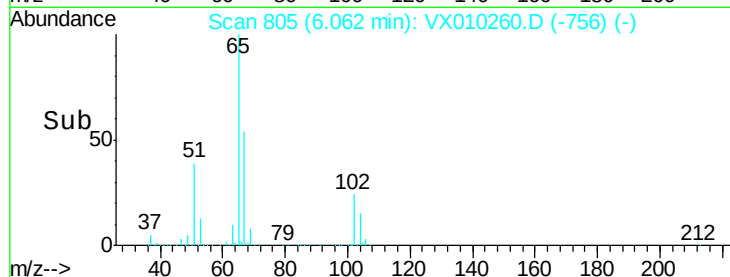
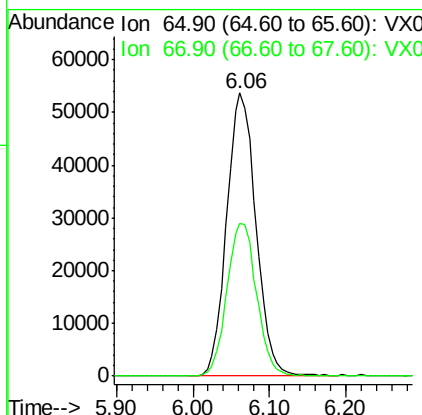
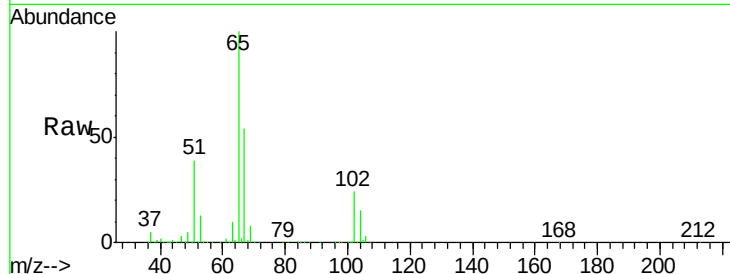




#33
 1,2-Dichloroethane-d4
 Concen: 45.968 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010260.D
 Acq: 12 Jun 2019 18:55

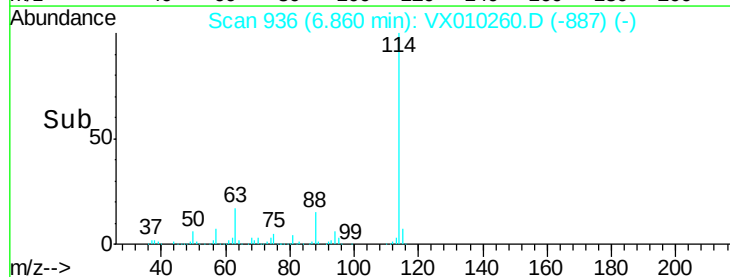
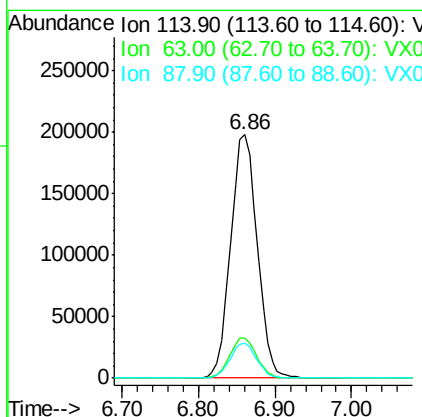
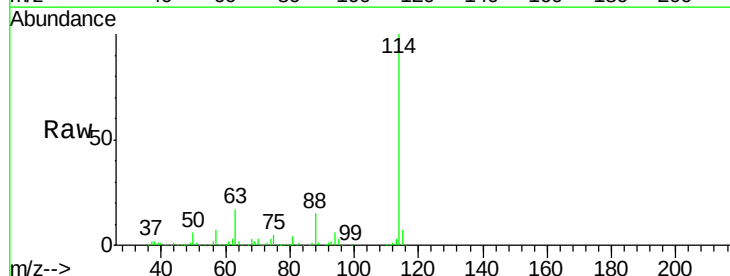
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-190610

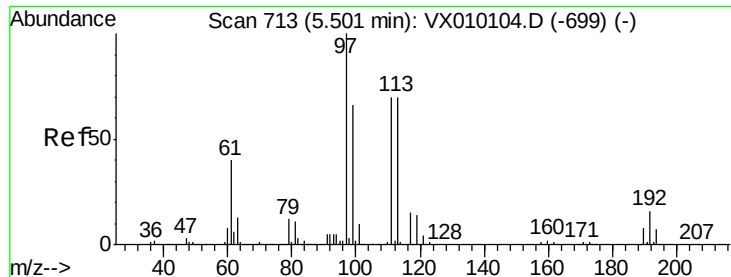
Tot Ion: 65 Resp: 142052
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010260.D
 Acq: 12 Jun 2019 18:55

Tgt Ion: 114 Resp: 478234
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 47.4
 88 14.5 0.0 33.0

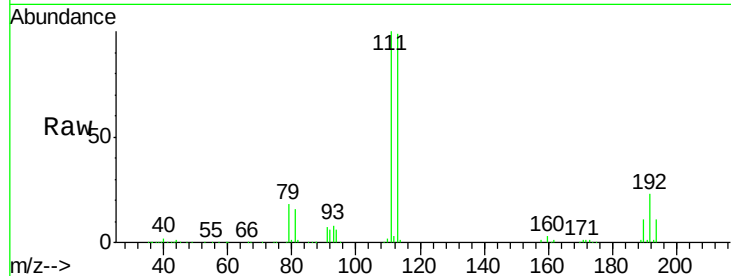




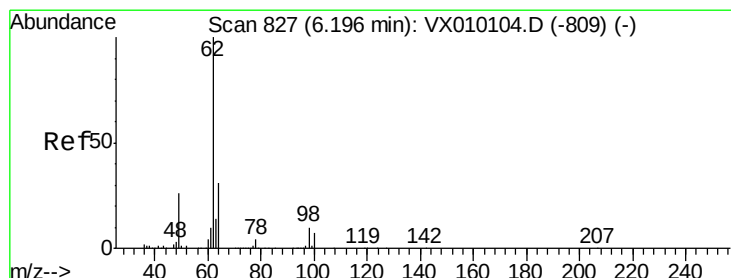
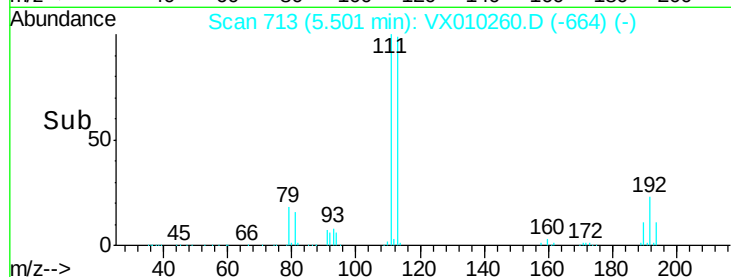
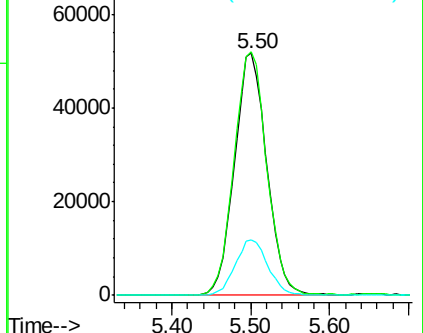
#35
 Dibromofluoromethane
 Concen: 49.934 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010260.D
 Acq: 12 Jun 2019 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-190610

Tot Ion:113 Resp: 147299
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 23.1 17.1 25.7

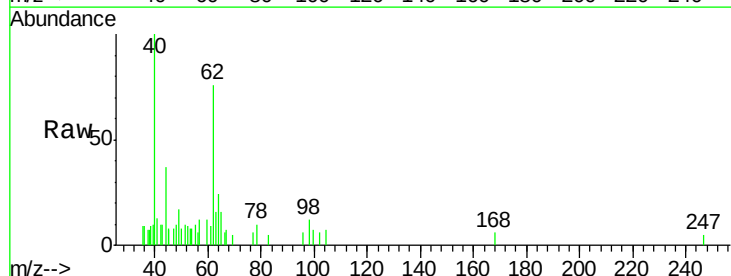


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

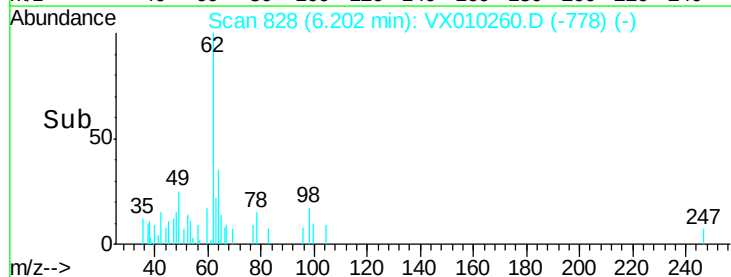
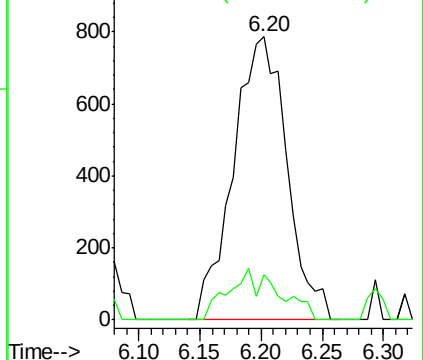


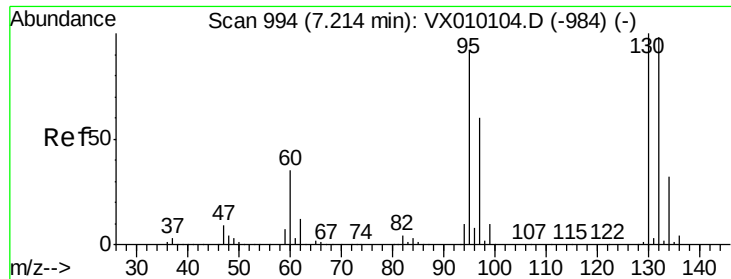
#42
 1,2-Dichloroethane
 Concen: 0.622 ug/l
 RT: 6.20 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: VX010260.D
 Acq: 12 Jun 2019 18:55

Tgt Ion: 62 Resp: 2395
 Ion Ratio Lower Upper
 62 100
 98 9.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.586 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010260.D

Acq: 12 Jun 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

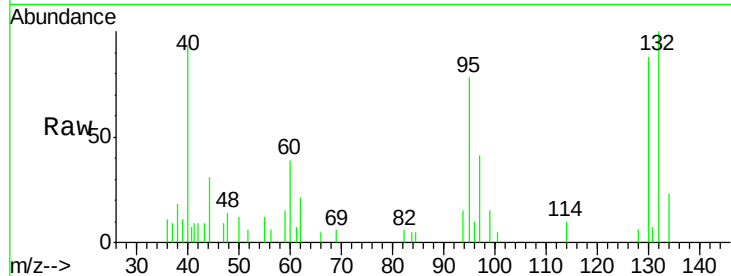
SS043MW009-190610

Tot Ion:130 Resp: 2132

Ion Ratio Lower Upper

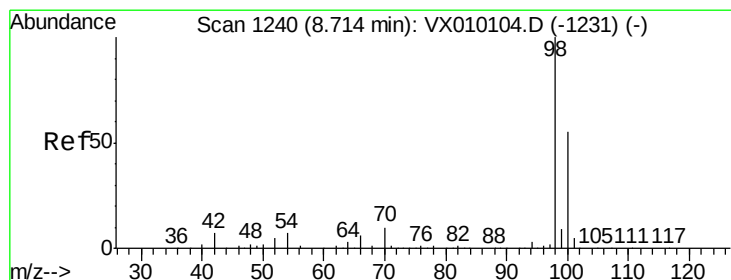
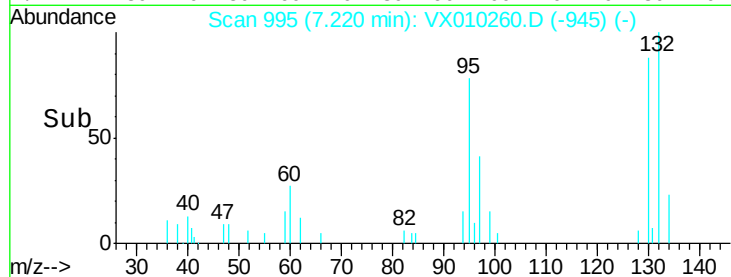
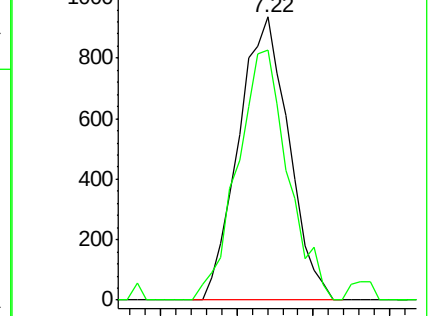
130 100

95 88.4 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.691 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010260.D

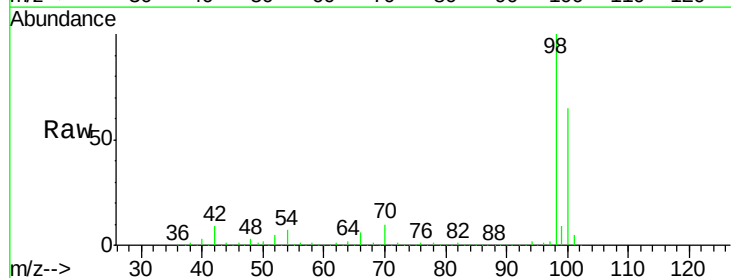
Acq: 12 Jun 2019 18:55

Tgt Ion: 98 Resp: 560417

Ion Ratio Lower Upper

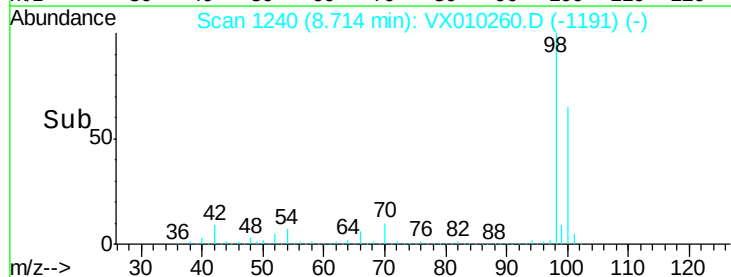
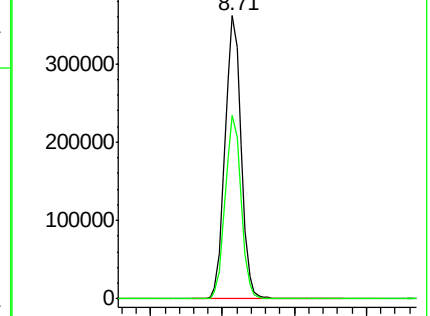
98 100

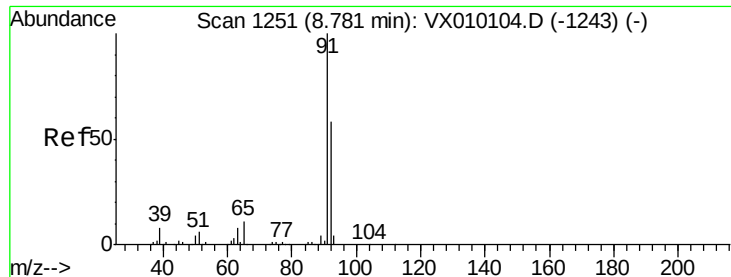
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.493 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX010260.D

Acq: 12 Jun 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

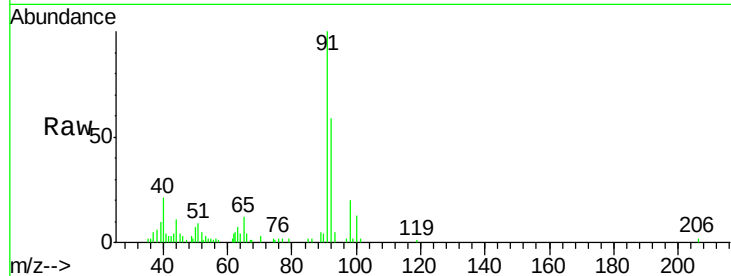
SS043MW009-190610

Tot Ion: 92 Resp: 3910

Ion Ratio Lower Upper

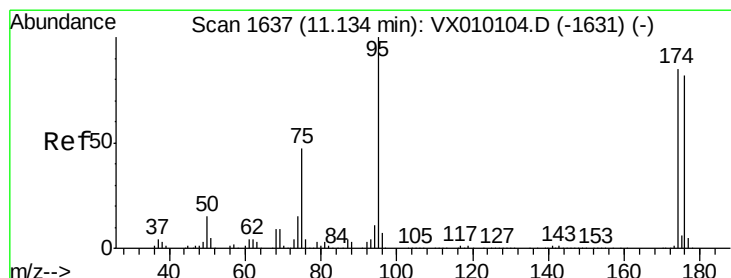
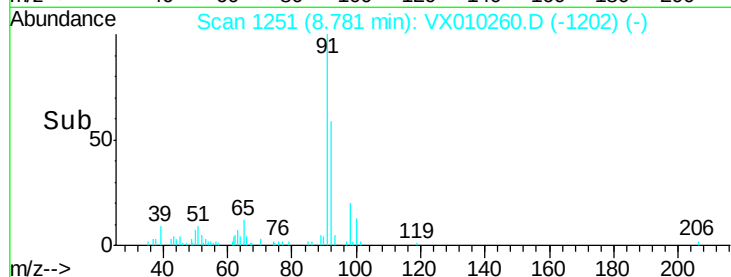
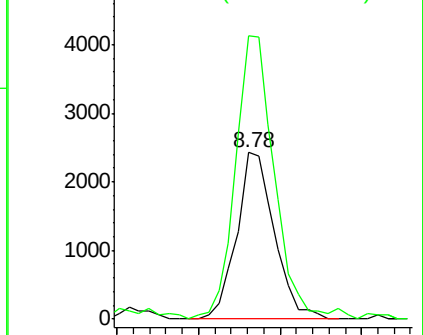
92 100

91 175.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.889 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010260.D

Acq: 12 Jun 2019 18:55

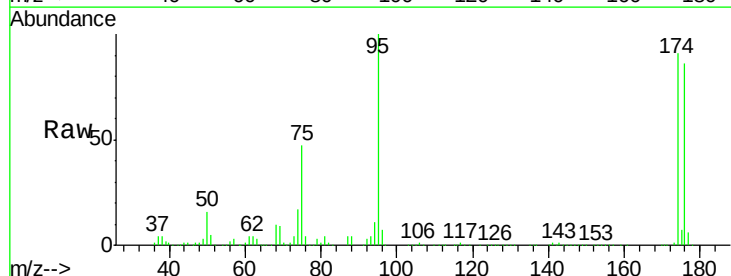
Tgt Ion: 95 Resp: 193596

Ion Ratio Lower Upper

95 100

174 94.3 0.0 160.4

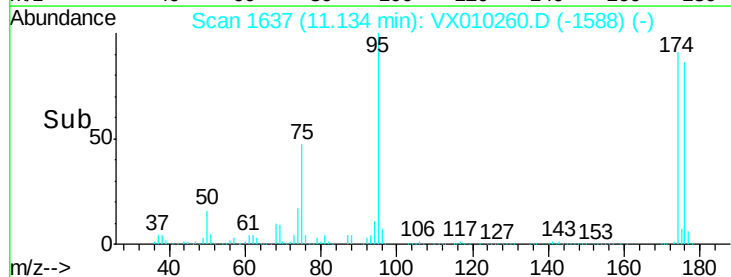
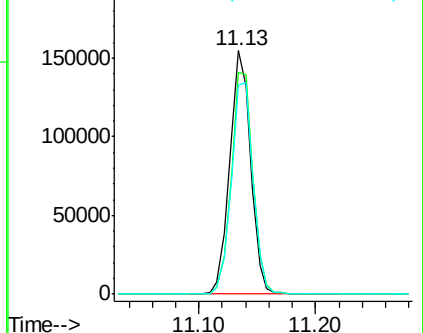
176 90.8 0.0 154.6

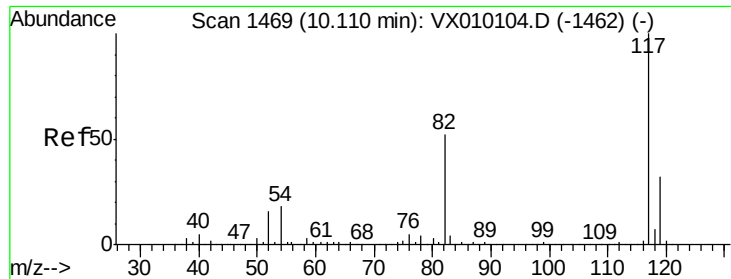


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

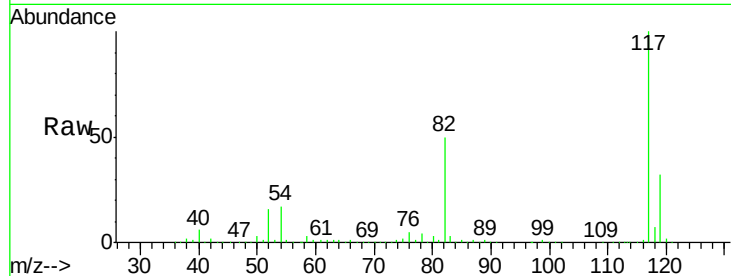




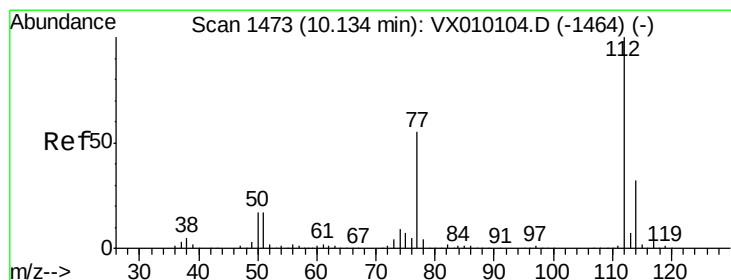
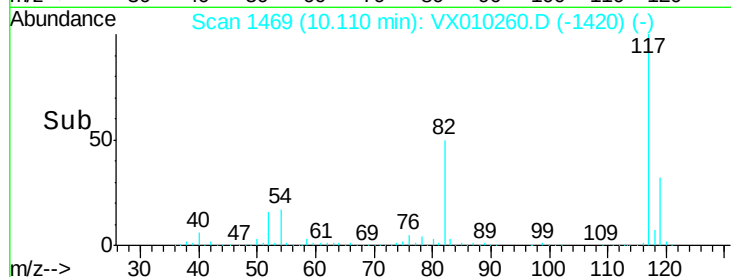
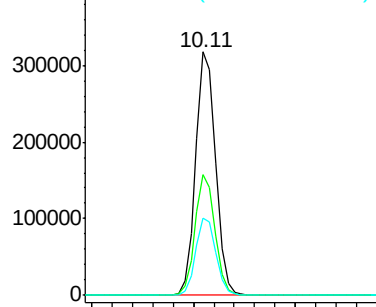
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010260.D
Acq: 12 Jun 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
SS043MW009-190610

Tot Ion:117 Resp: 432518
Ion Ratio Lower Upper
117 100
82 49.7 49.2 73.8
119 31.6 25.2 37.8

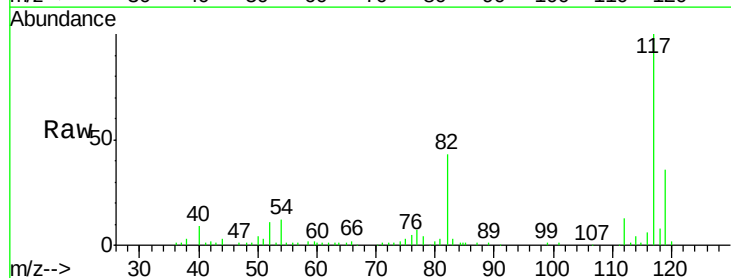


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

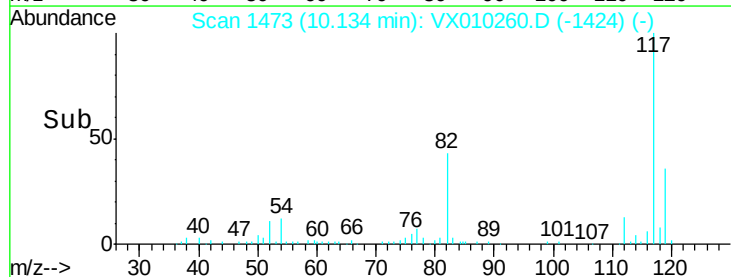
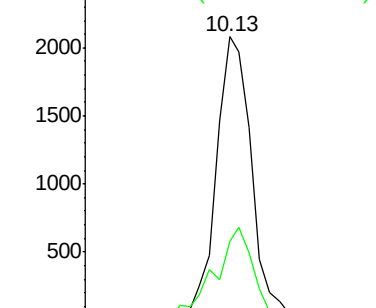


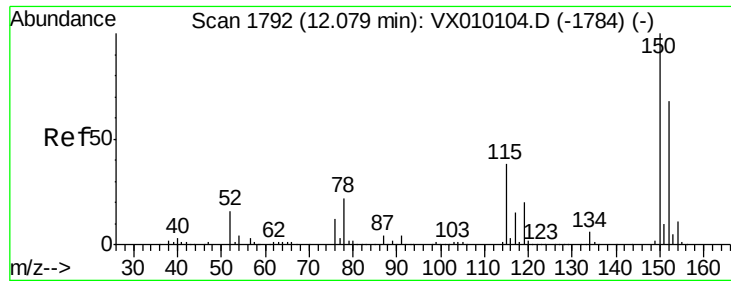
#65
Chlorobenzene
Concen: 0.353 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010260.D
Acq: 12 Jun 2019 18:55

Tgt Ion:112 Resp: 3155
Ion Ratio Lower Upper
112 100
114 27.8 25.8 38.8



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: VX010260.D

Acq: 12 Jun 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

SS043MW009-190610

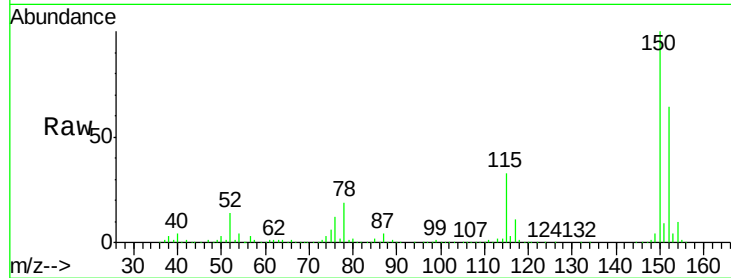
Tot Ion:152 Resp: 205731

Ion Ratio Lower Upper

152 100

115 53.7 41.4 124.2

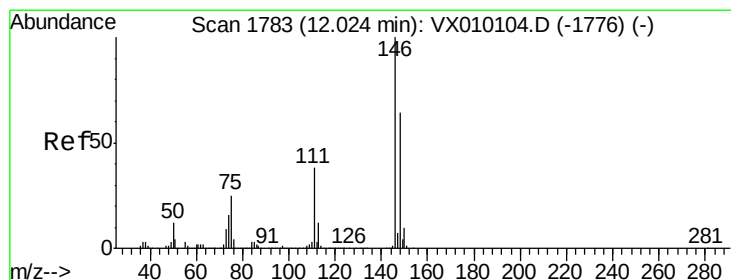
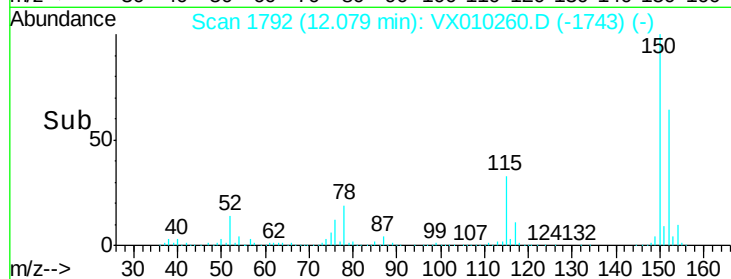
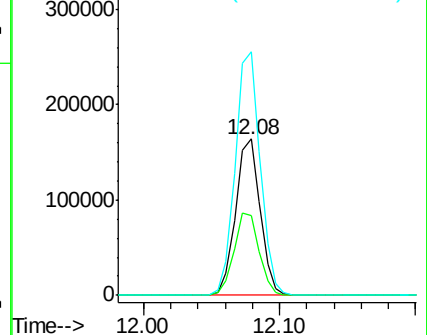
150 158.6 0.0 345.2



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



#87

1,3-Dichlorobenzene

Concen: 0.425 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010260.D

Acq: 12 Jun 2019 18:55

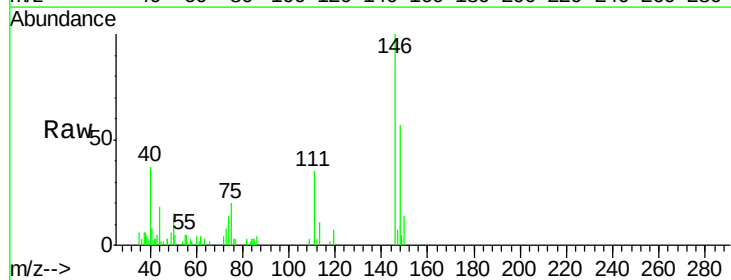
Tgt Ion:146 Resp: 2955

Ion Ratio Lower Upper

146 100

111 36.5 20.1 60.2

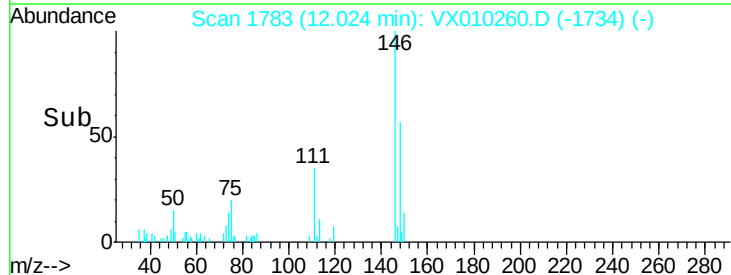
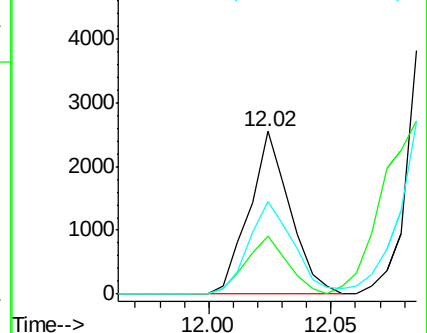
148 63.2 31.9 95.5

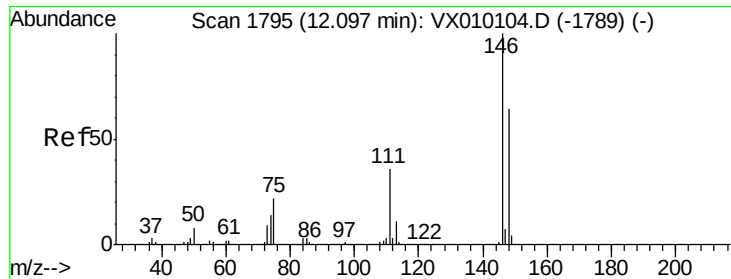


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

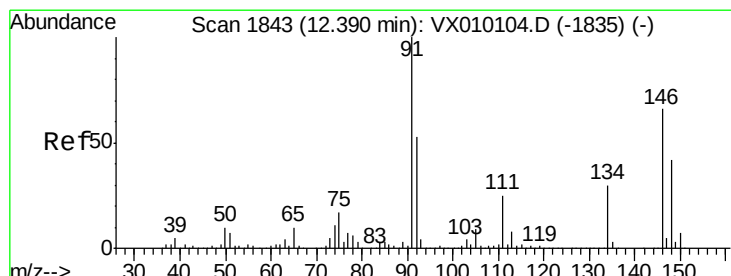
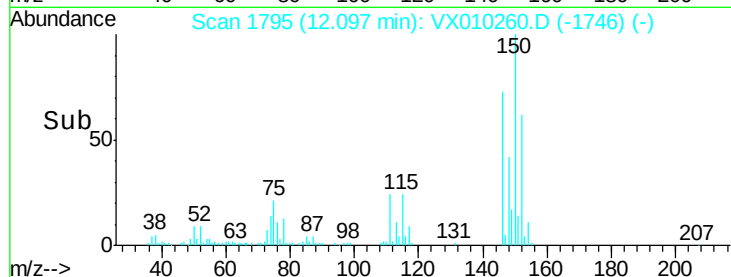
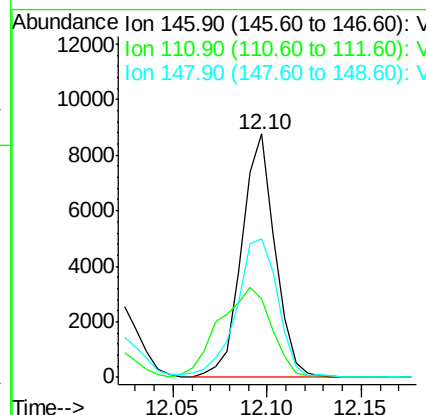
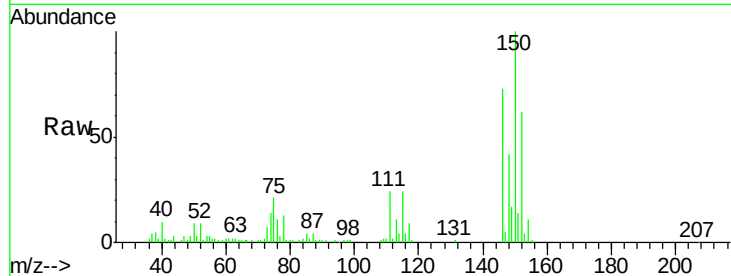




#88
 1,4-Dichlorobenzene
 Concen: 1.536 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010260.D
 Acq: 12 Jun 2019 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW009-190610

Tot Ion	Ratio	Lower	Upper
146	100		
111	58.2	20.0	59.9
148	71.2	32.3	96.9



#91
 1,2-Dichlorobenzene
 Concen: 12.531 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010260.D
 Acq: 12 Jun 2019 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	21.1	63.1
148	63.0	32.3	96.8

