

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009379.D
 Acq On : 07 May 2019 16:07
 Operator : JC/SP
 Sample : K2721-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0519-190506

Quant Time: May 08 02:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

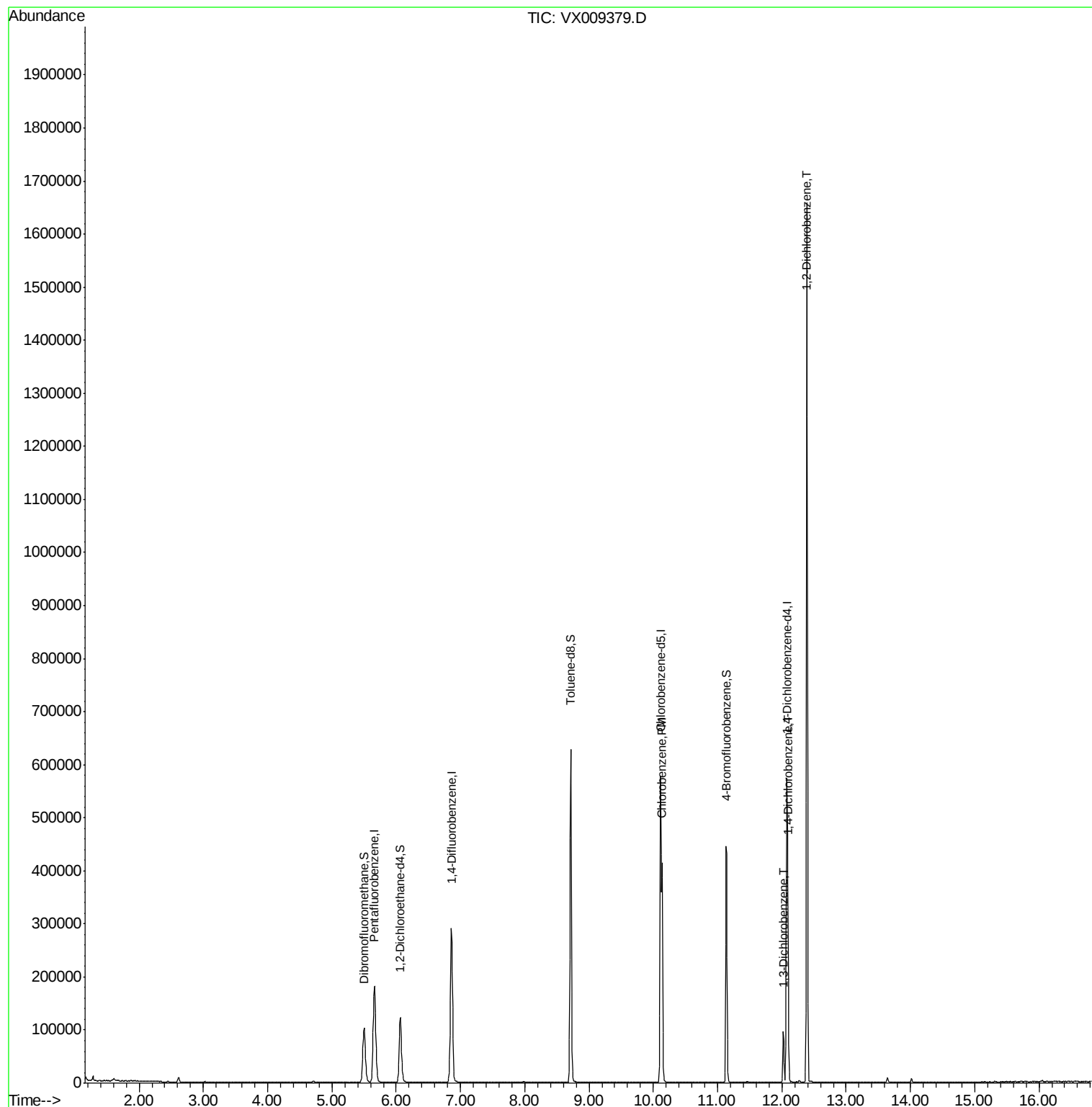
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116939	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	5.50	113	88320	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	357370	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	118351	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
65) Chlorobenzene	10.14	112	163392	32.533	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	30964	8.820	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	91002	25.711	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	518606	145.032	ug/l	100

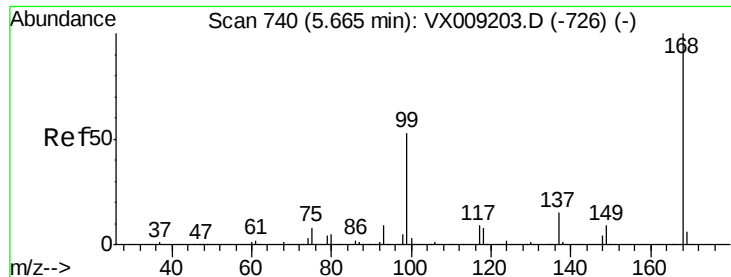
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue May 07 08:24:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

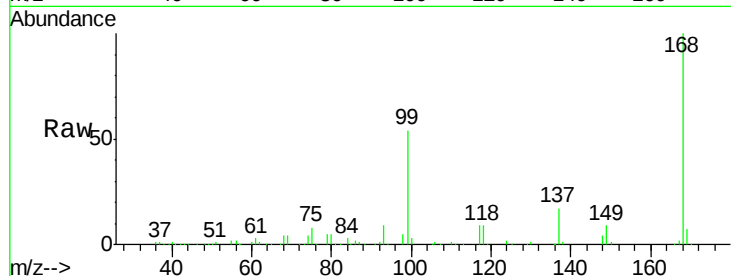
DUP-0519-190506

Tot Ion:168 Resp: 177712

Ion Ratio Lower Upper

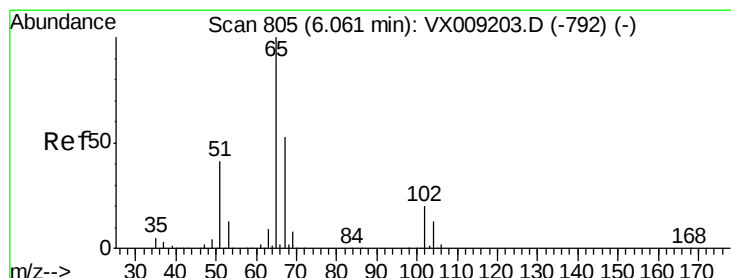
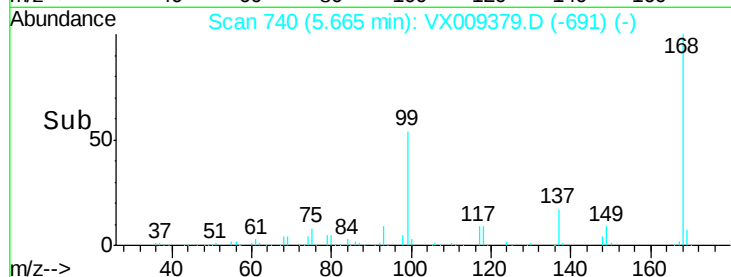
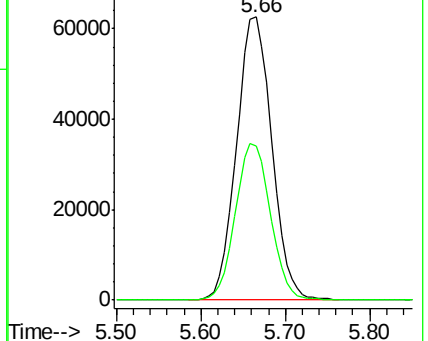
168 100

99 54.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.203 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009379.D

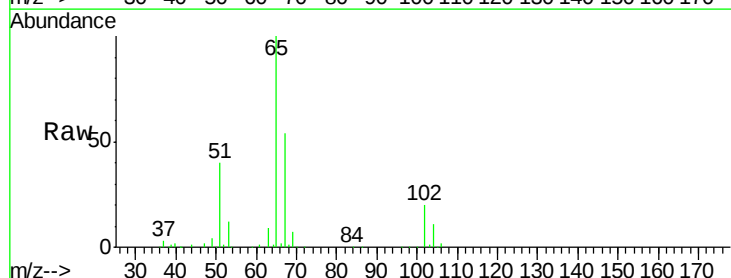
Acq: 07 May 2019 16:07

Tgt Ion: 65 Resp: 116939

Ion Ratio Lower Upper

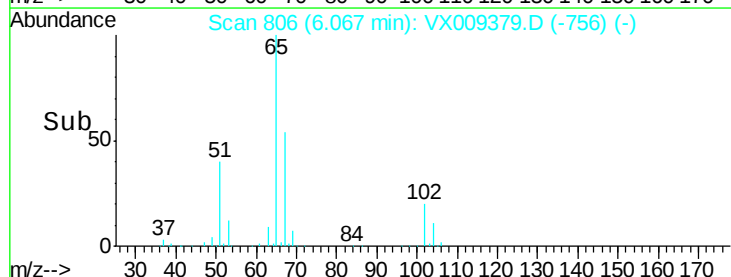
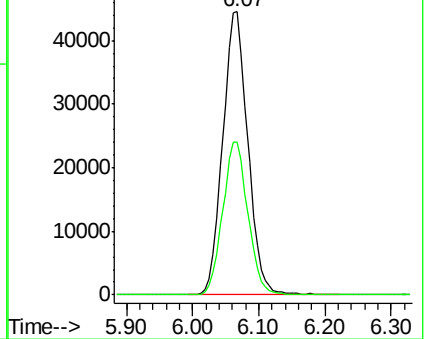
65 100

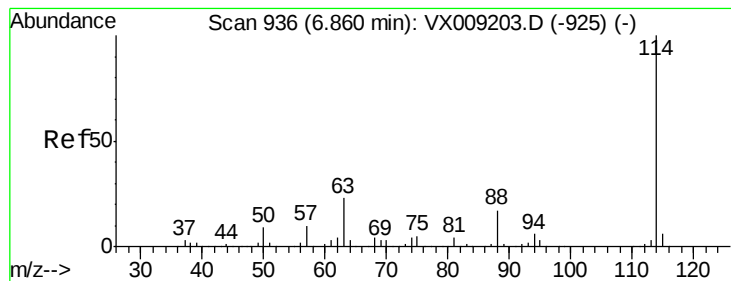
67 54.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

DUP-0519-190506

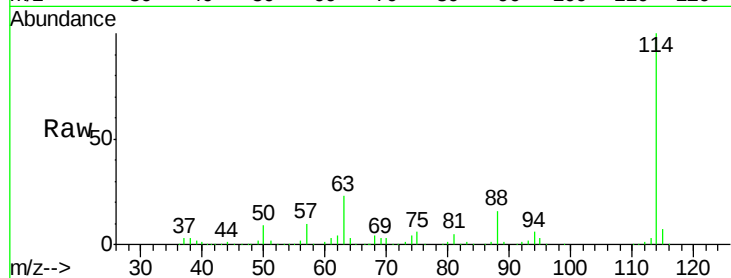
Tot Ion:114 Resp: 285801

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

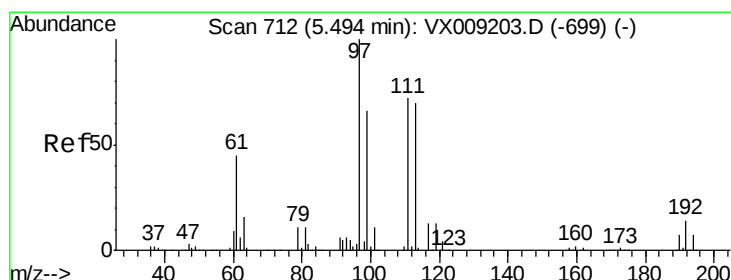
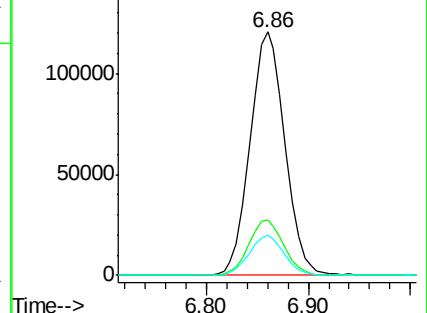
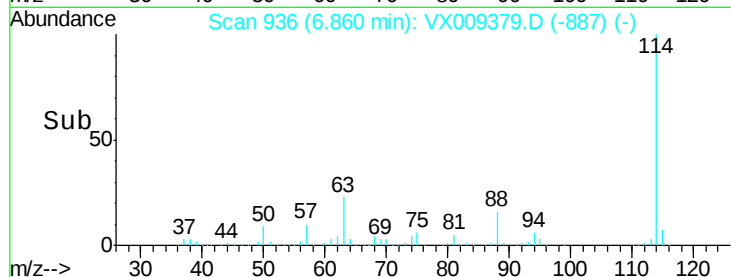
88 16.3 0.0 33.2



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: 49.158 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

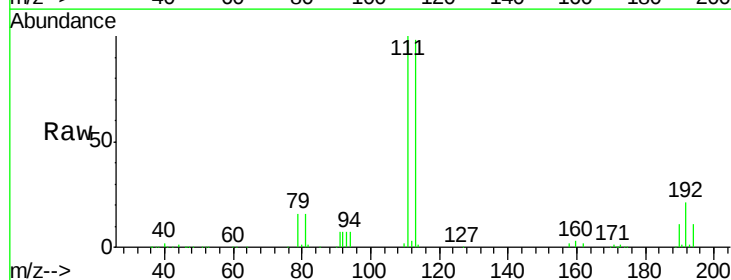
Tgt Ion:113 Resp: 88320

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

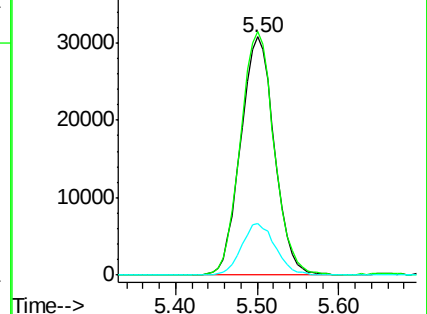
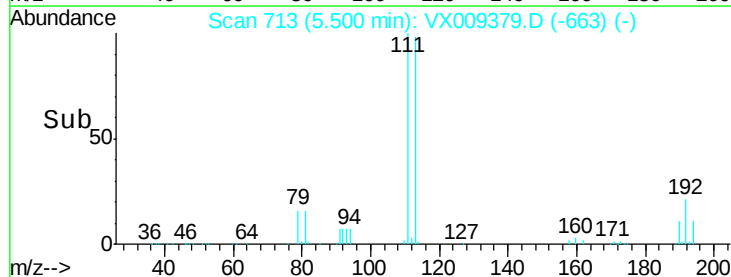
192 21.7 17.0 25.6

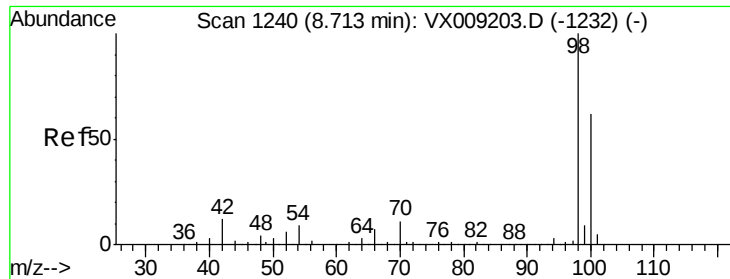


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.268 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

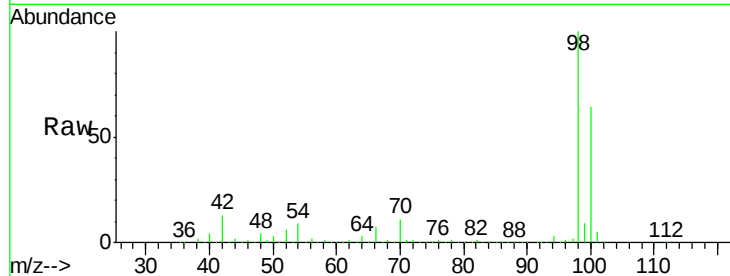
DUP-0519-190506

Tot Ion: 98 Resp: 357370

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

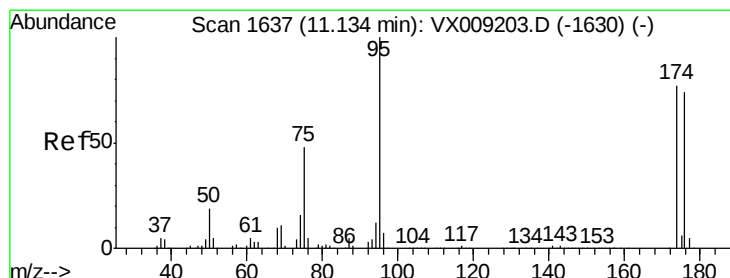
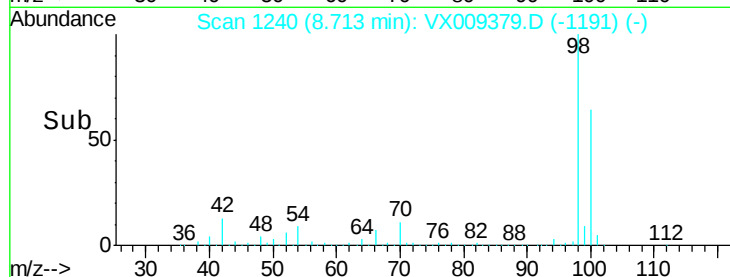
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.904 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

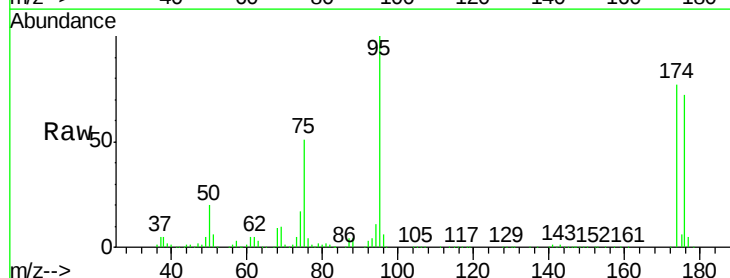
Tgt Ion: 95 Resp: 118351

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.6

176 79.8 0.0 159.2



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

120000

100000

80000

60000

40000

20000

0

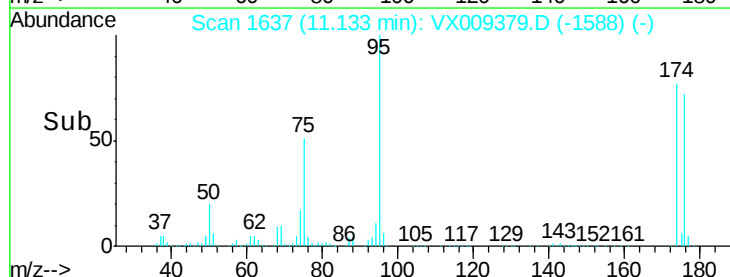
11.05

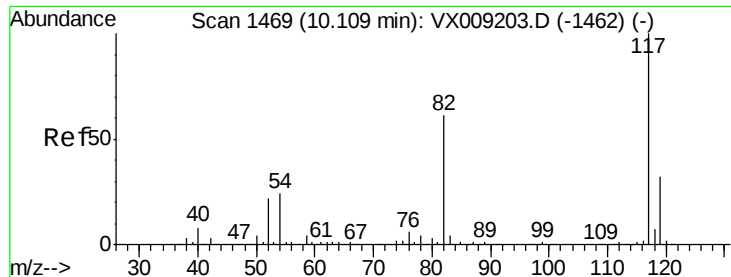
11.10

11.15

11.20

Time-->

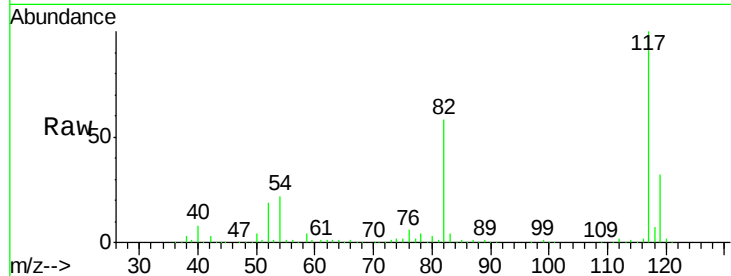




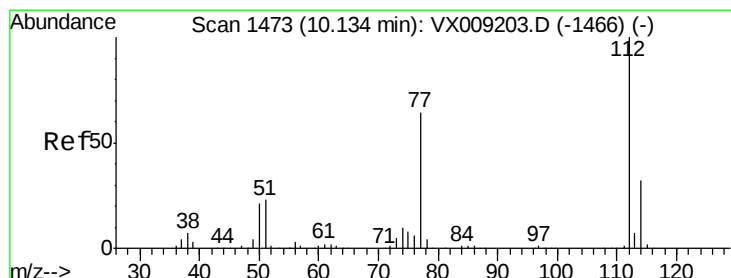
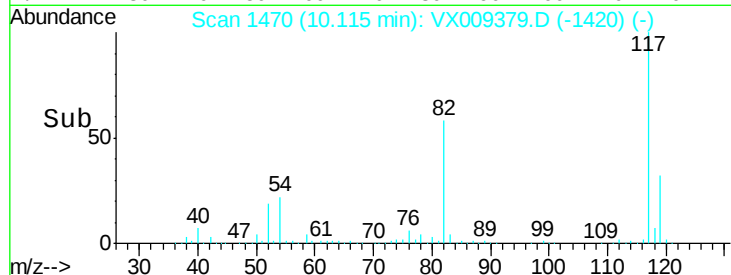
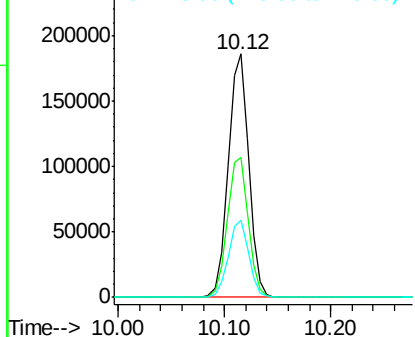
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tot Ion:117 Resp: 251061
Ion Ratio Lower Upper
117 100
82 57.5 48.8 73.2
119 31.9 25.8 38.6

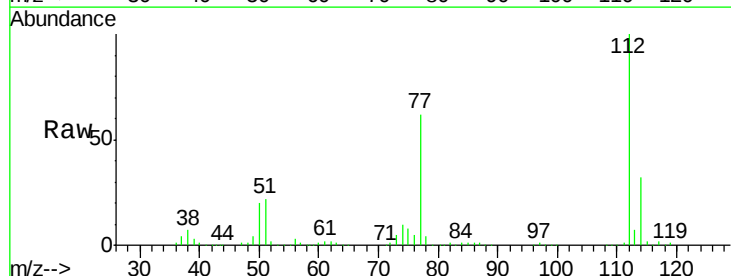


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

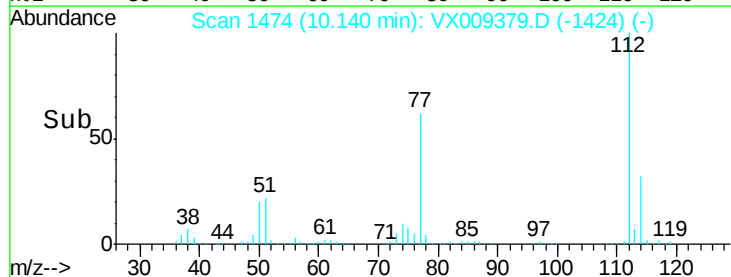
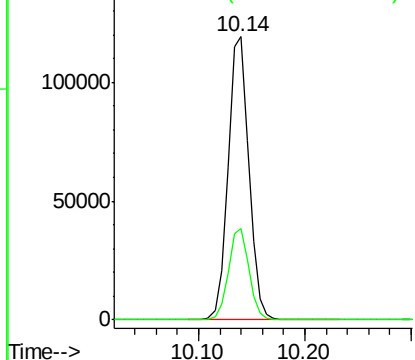


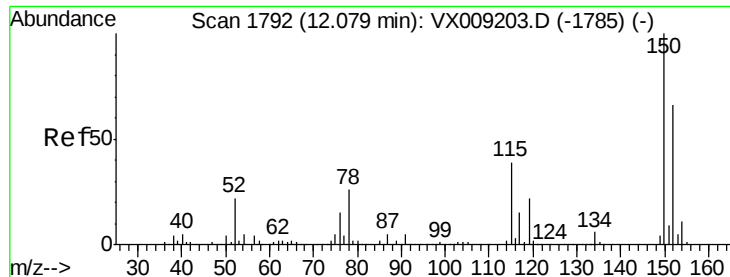
#65
Chlorobenzene
Concen: 32.533 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion:112 Resp: 163392
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



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: VX009379.D

Acq: 07 May 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

DUP-0519-190506

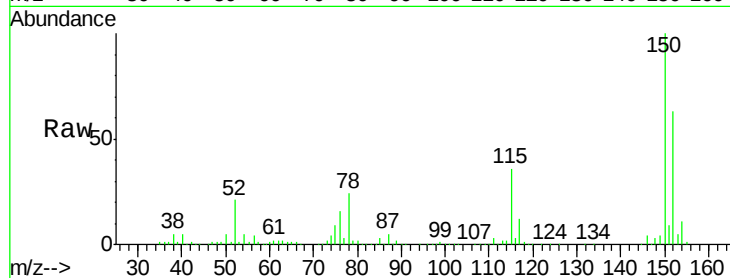
Tot Ion:152 Resp: 109110

Ion Ratio Lower Upper

152 100

115 58.8 41.2 123.6

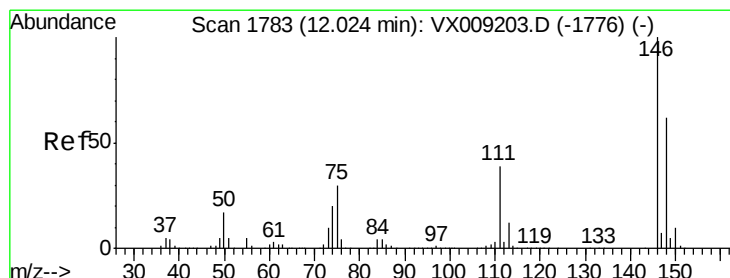
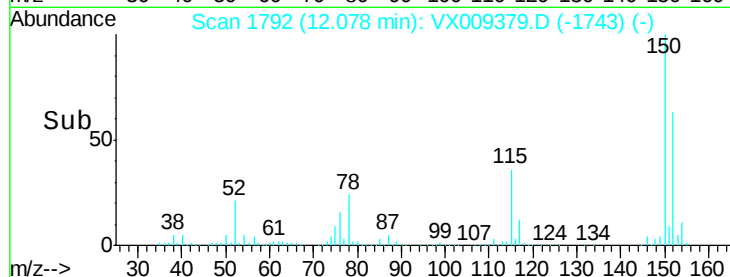
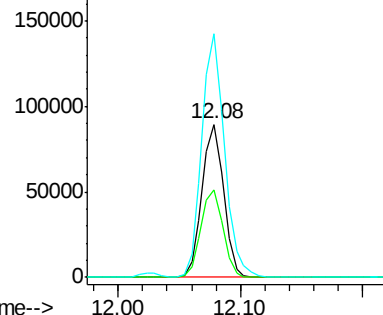
150 166.9 0.0 346.4



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



#87

1,3-Dichlorobenzene

Concen: 8.820 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

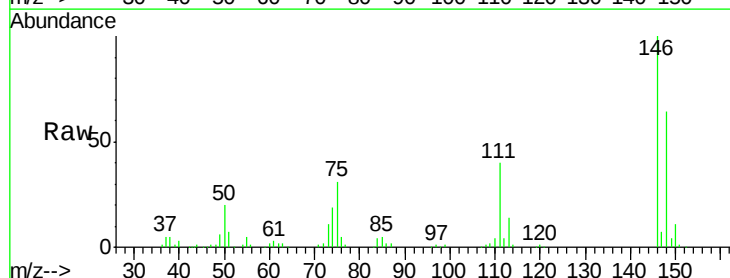
Tgt Ion:146 Resp: 30964

Ion Ratio Lower Upper

146 100

111 38.8 20.0 59.9

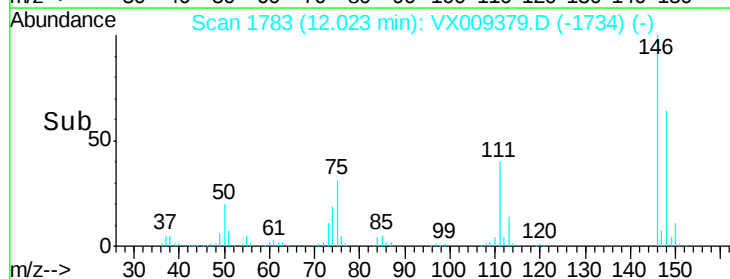
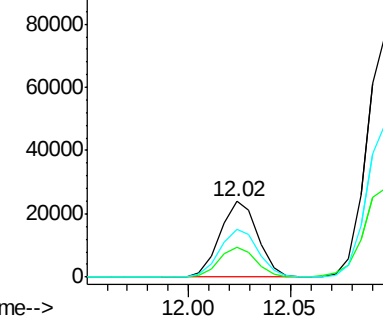
148 63.5 31.8 95.3

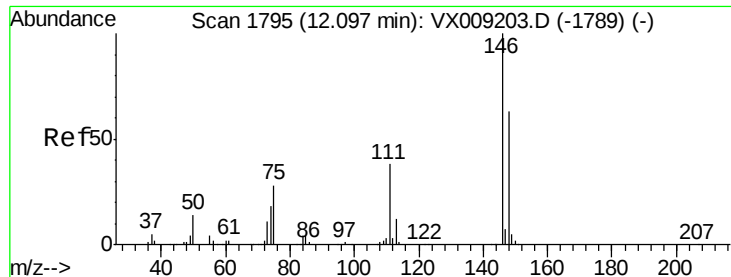


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 25.711 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

DUP-0519-190506

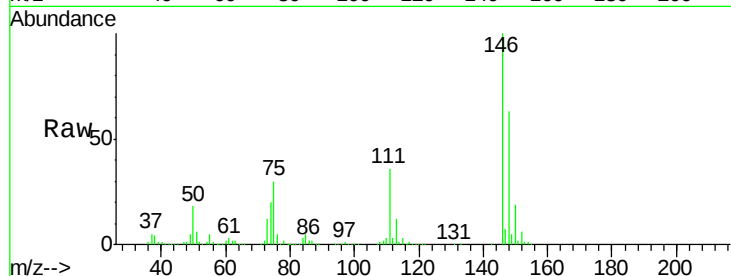
Tot Ion:146 Resp: 91002

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

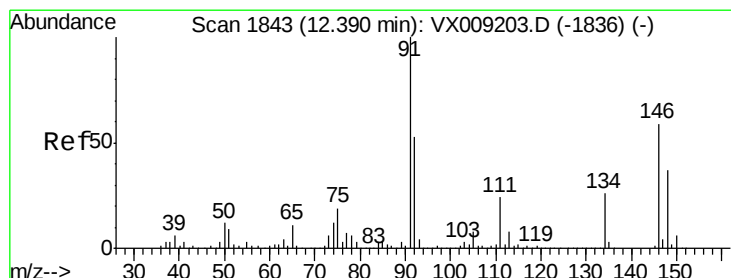
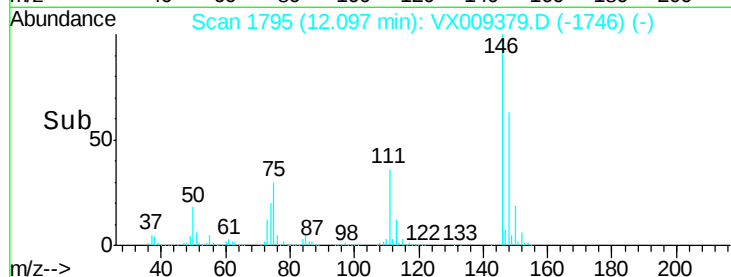
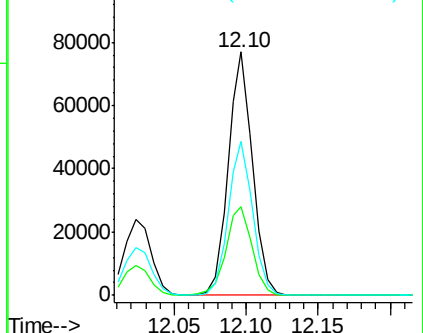
148 63.7 31.8 95.3



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



#91

1,2-Dichlorobenzene

Concen: 145.032 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009379.D

Acq: 07 May 2019 16:07

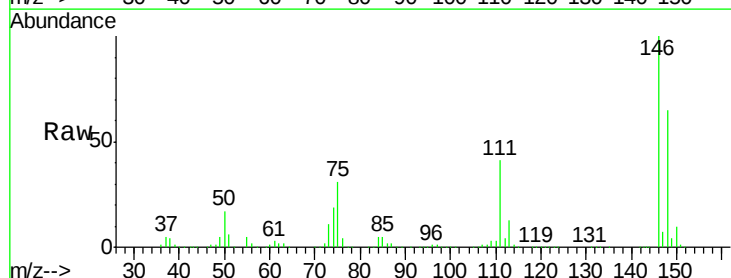
Tgt Ion:146 Resp: 518606

Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.4

148 63.8 31.9 95.9



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

