

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009377.D
 Acq On : 07 May 2019 15:20
 Operator : JC/SP
 Sample : K2721-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506

Quant Time: May 08 02:35:15 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

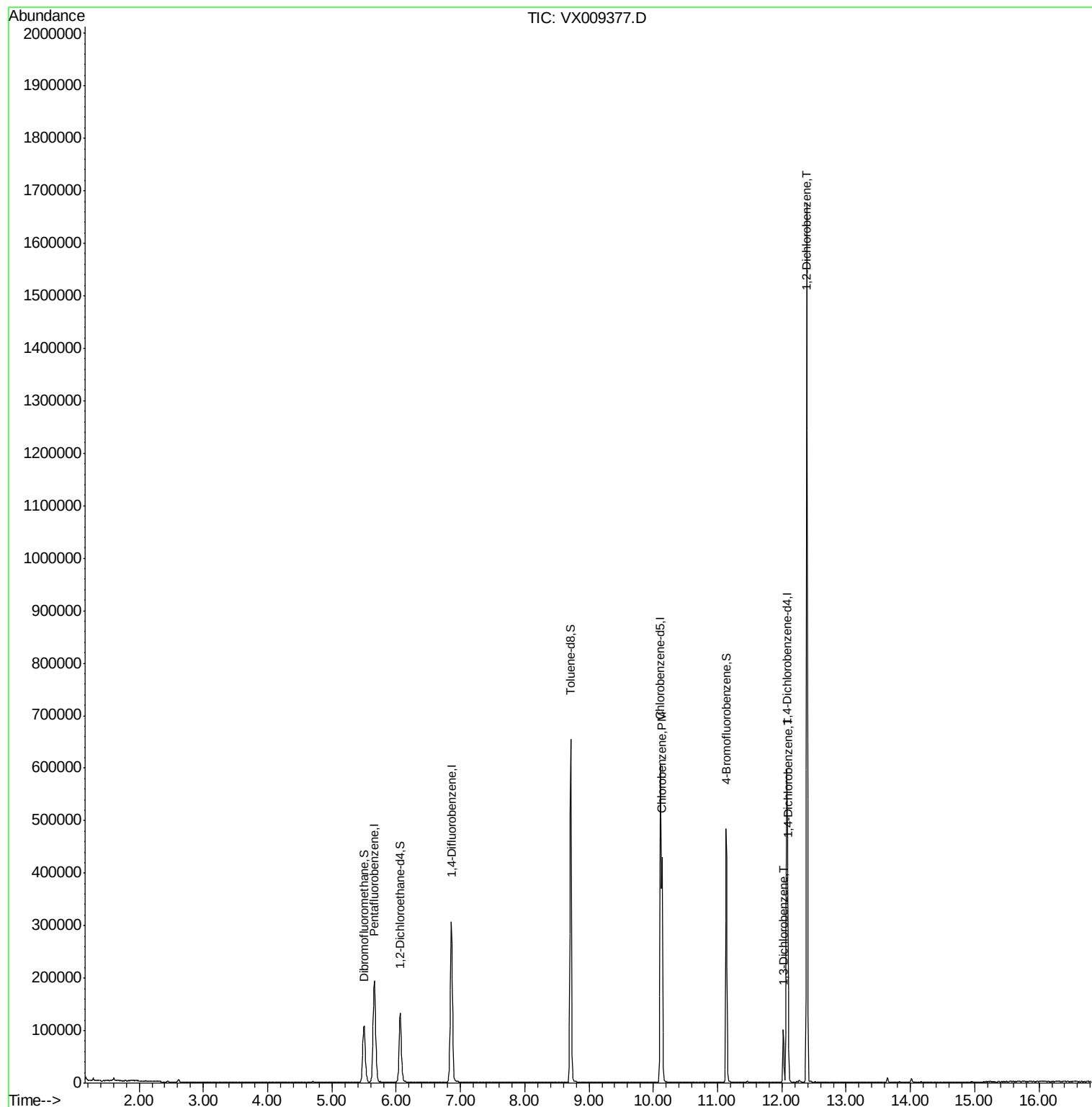
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123111	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	5.50	113	92017	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	376729	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	126046	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
65) Chlorobenzene	10.14	112	175259	33.115	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	30019	8.064	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	92476	24.640	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	524200	138.249	ug/l	100

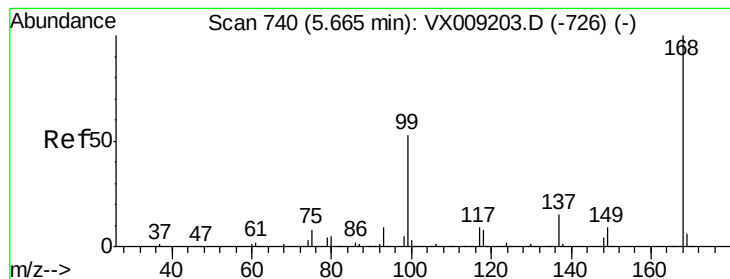
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 739

Delta R.T. -0.01 min

Lab File: VX009377.D

Acq: 07 May 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

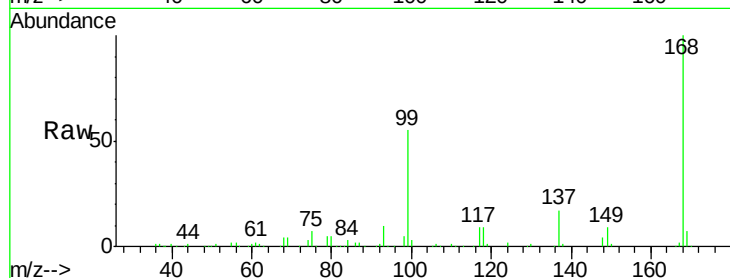
SS003RW114R-190506

Tot Ion:168 Resp: 188520

Ion Ratio Lower Upper

168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

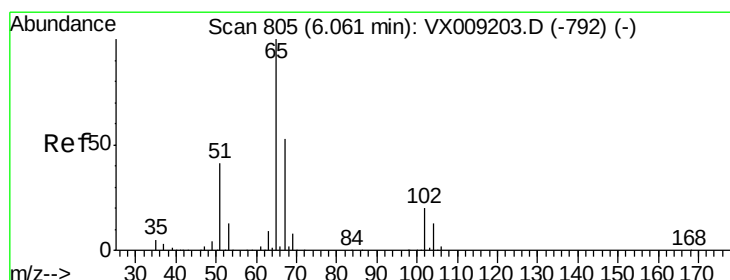
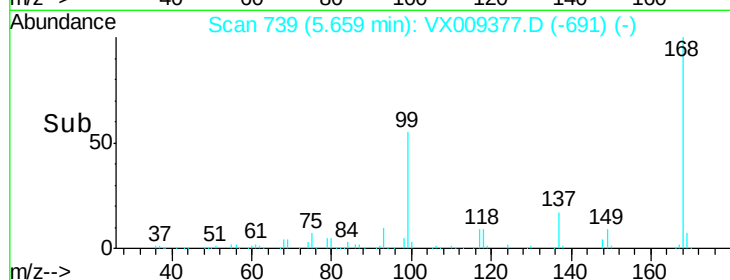
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.838 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009377.D

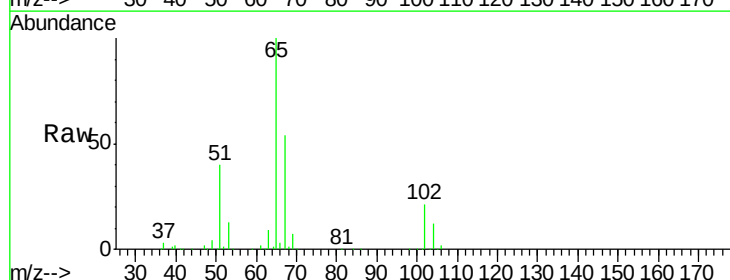
Acq: 07 May 2019 15:20

Tgt Ion: 65 Resp: 123111

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

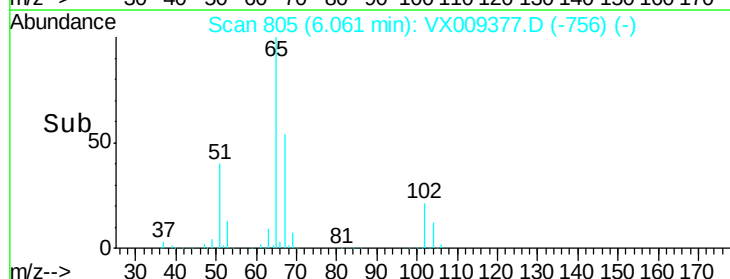
30000

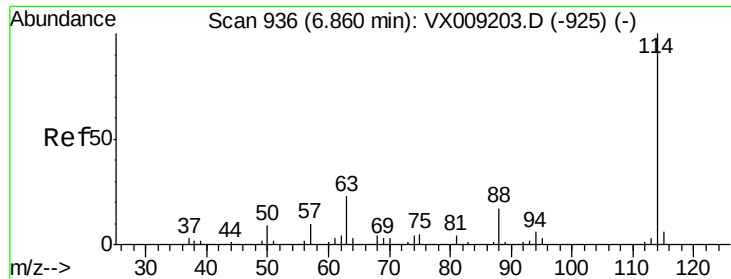
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

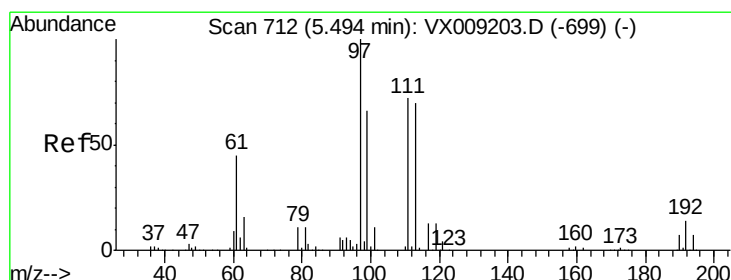
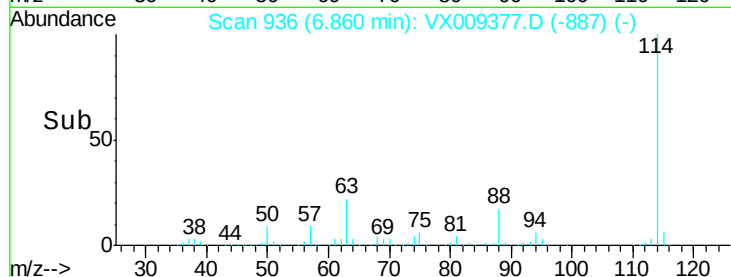
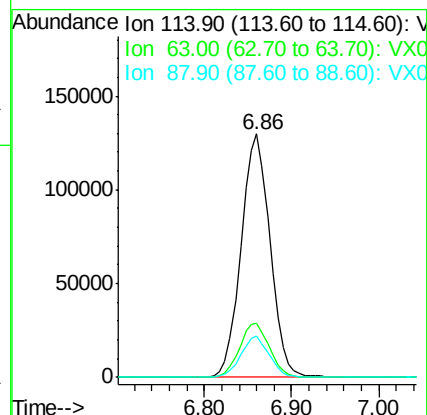
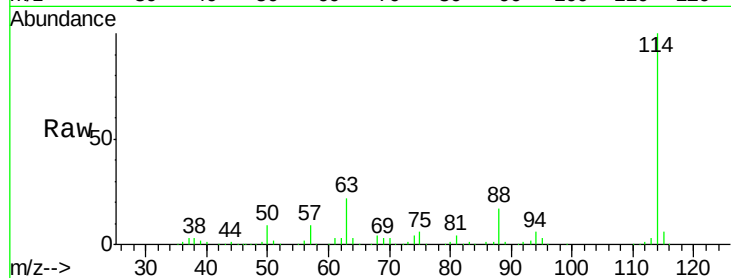




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009377.D
 Acq: 07 May 2019 15:20

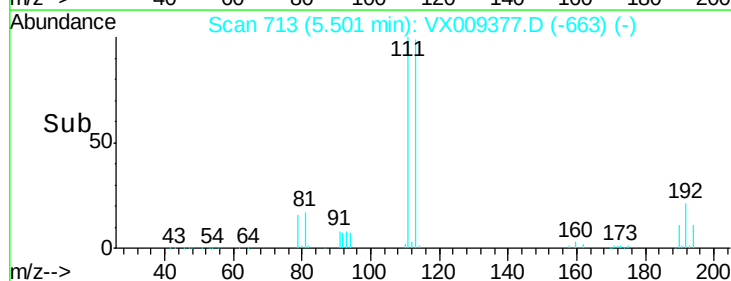
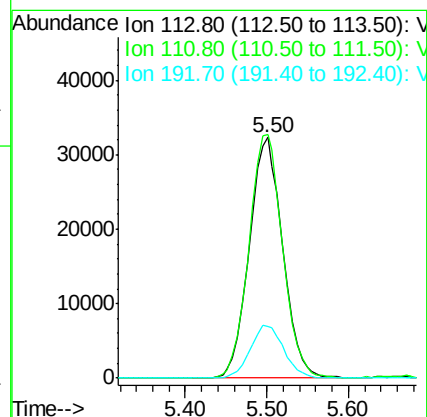
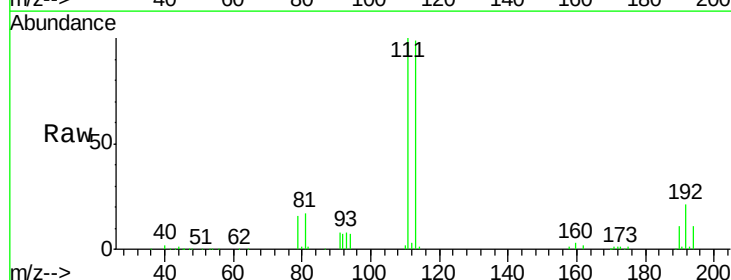
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506

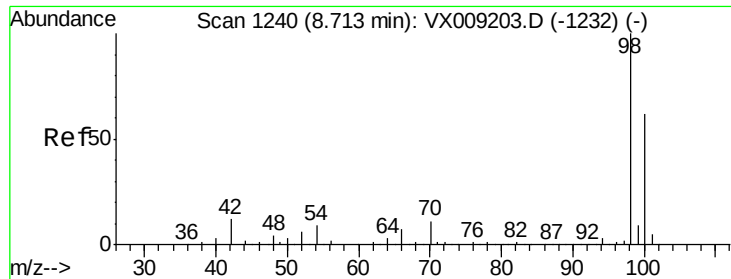
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.6
88	16.8	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 49.008 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009377.D
 Acq: 07 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	21.9	17.0	25.6





#50

Toluene-d8

Concen: 49.698 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009377.D

Acq: 07 May 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

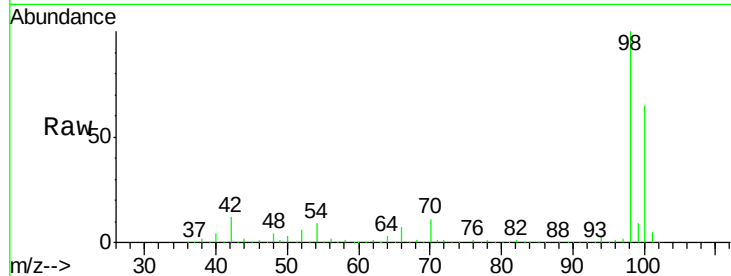
SS003RW114R-190506

Tot Ion: 98 Resp: 376729

Ion Ratio Lower Upper

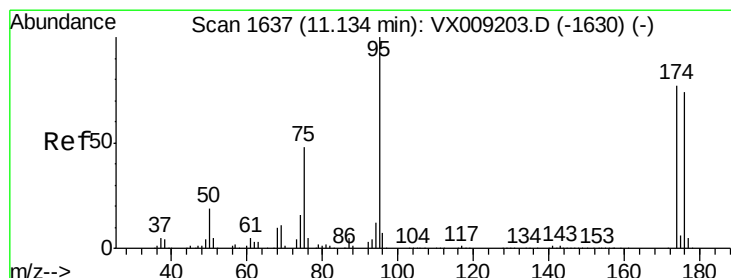
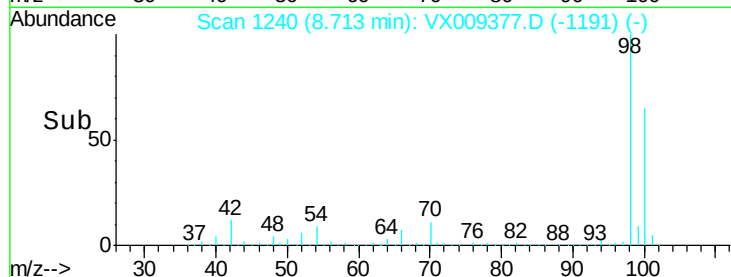
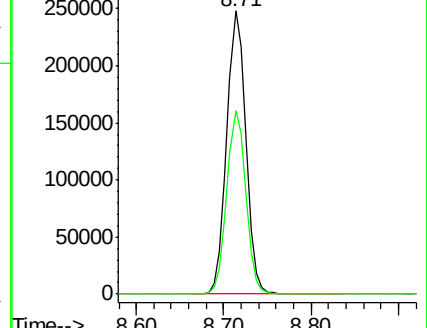
98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.762 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009377.D

Acq: 07 May 2019 15:20

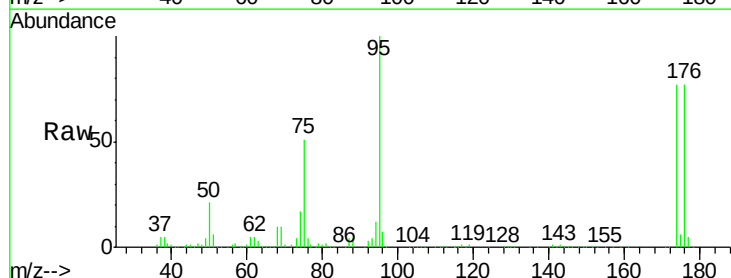
Tgt Ion: 95 Resp: 126046

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

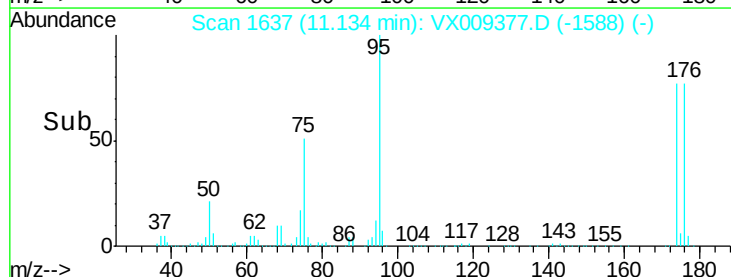
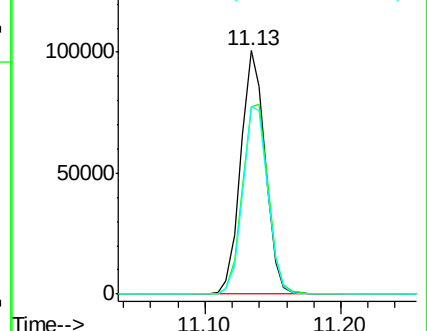
176 79.2 0.0 159.2

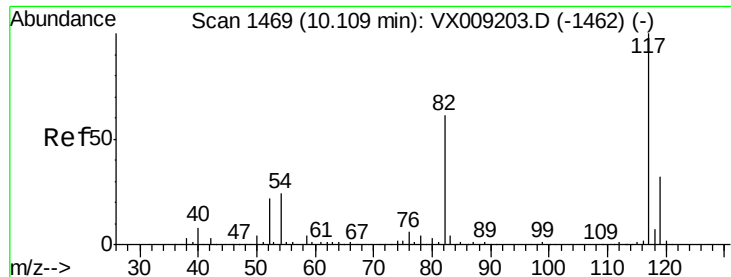


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009377.D

Acq: 07 May 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506

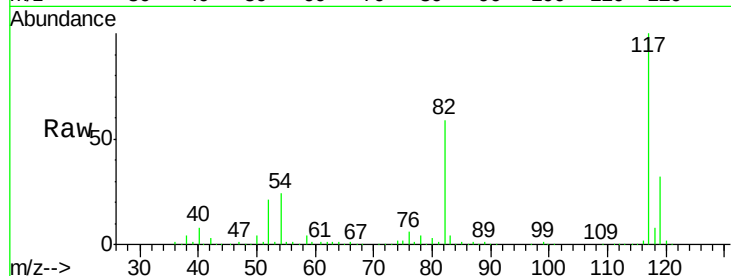
Tot Ion:117 Resp: 264561

Ion Ratio Lower Upper

117 100

82 59.3 48.8 73.2

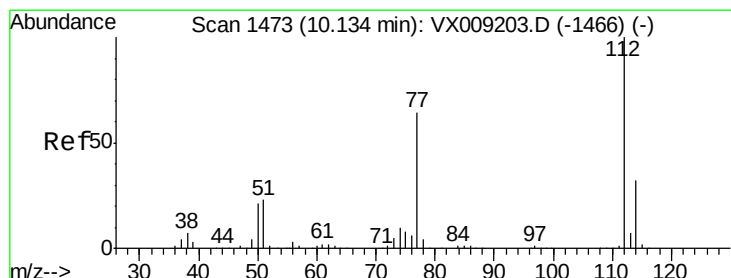
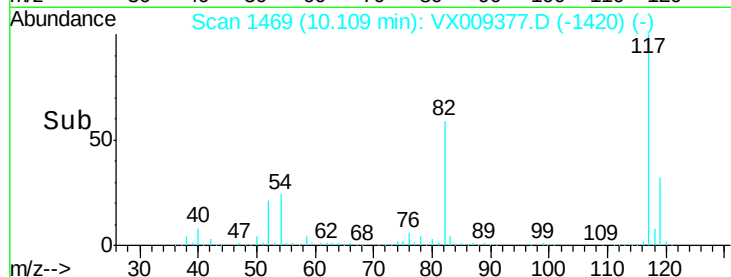
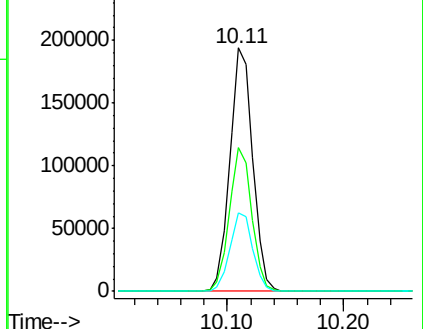
119 32.3 25.8 38.6



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: 33.115 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009377.D

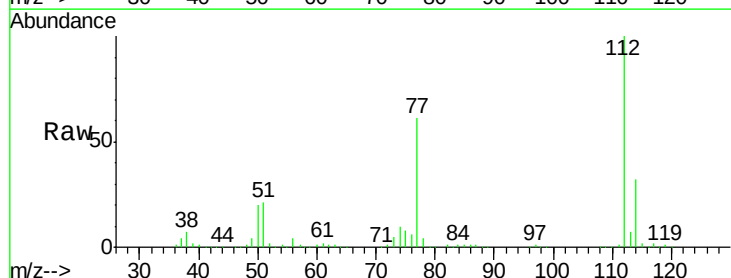
Acq: 07 May 2019 15:20

Tgt Ion:112 Resp: 175259

Ion Ratio Lower Upper

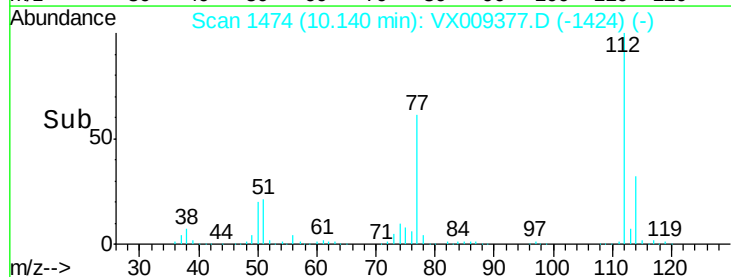
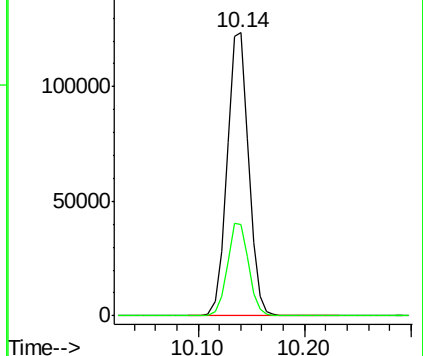
112 100

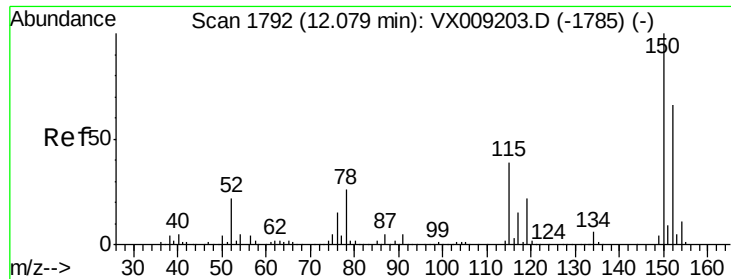
114 32.5 25.5 38.3



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: VX009377.D

Acq: 07 May 2019 15:20

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506

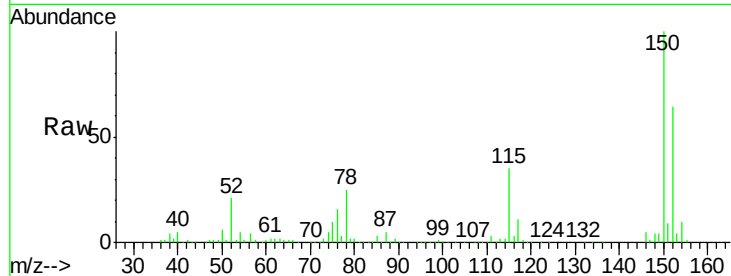
Tot Ion:152 Resp: 115698

Ion Ratio Lower Upper

152 100

115 58.1 41.2 123.6

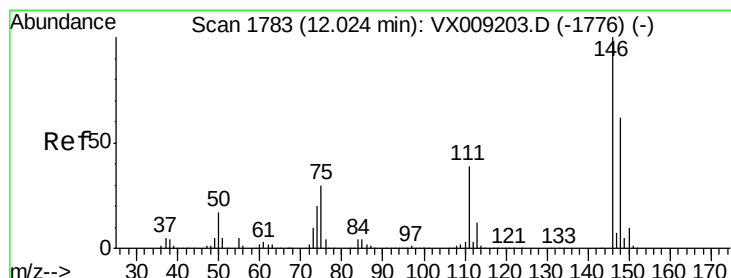
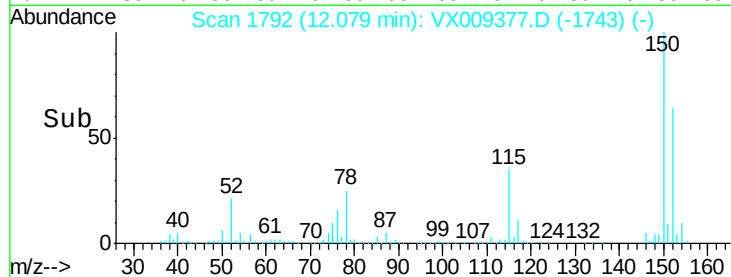
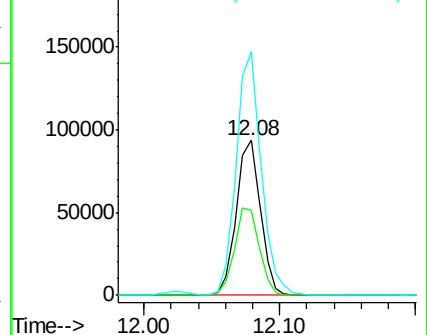
150 163.4 0.0 346.4



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: 8.064 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009377.D

Acq: 07 May 2019 15:20

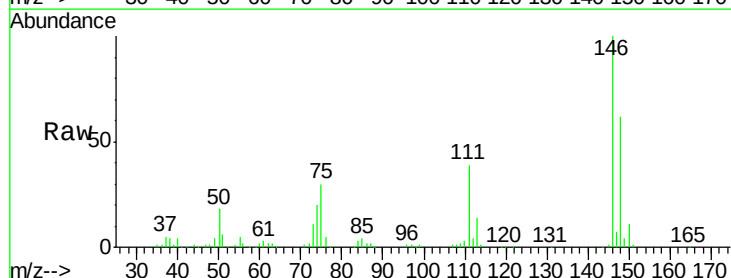
Tgt Ion:146 Resp: 30019

Ion Ratio Lower Upper

146 100

111 40.5 20.0 59.9

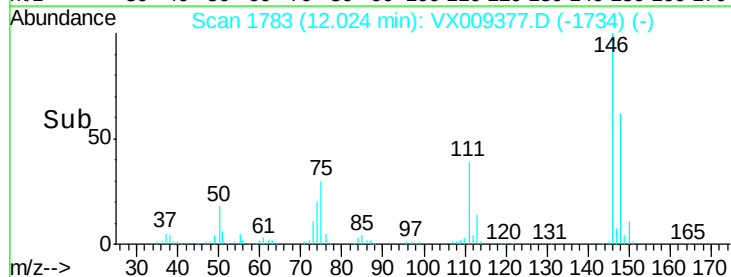
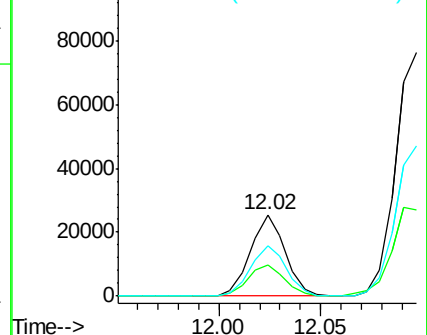
148 64.8 31.8 95.3

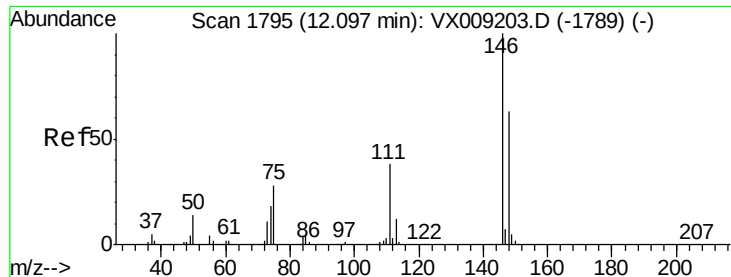


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

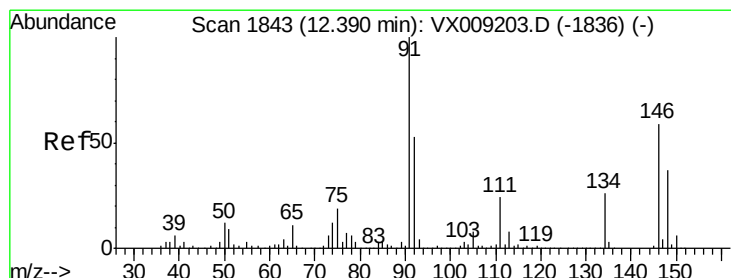
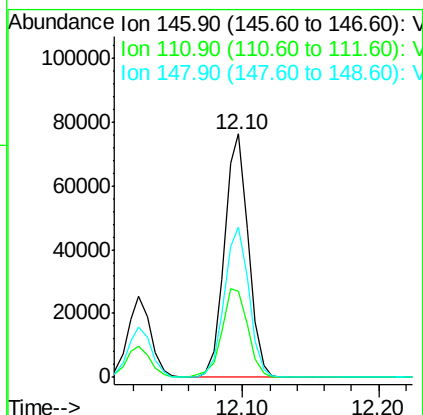
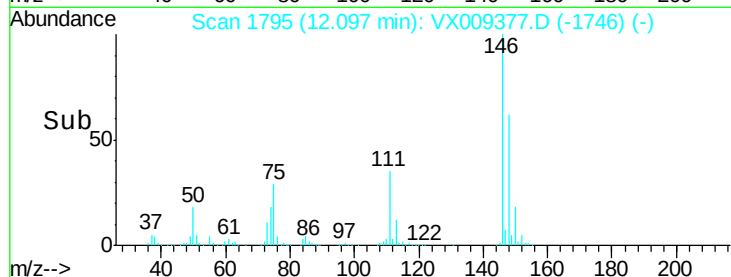
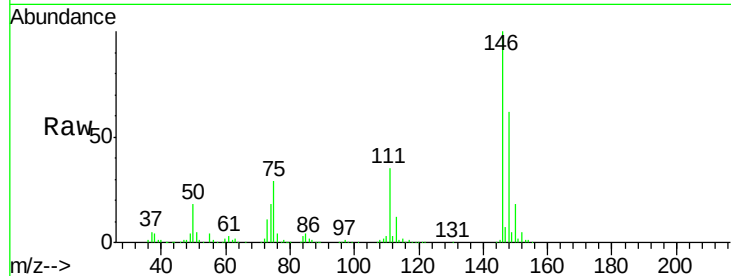




#88
 1,4-Dichlorobenzene
 Concen: 24.640 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009377.D
 Acq: 07 May 2019 15:20

Instrument :
 MSVOA_X
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 SS003RW114R-190506

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	63.8	31.8	95.3



#91
 1,2-Dichlorobenzene
 Concen: 138.249 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009377.D
 Acq: 07 May 2019 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.4
148	64.4	31.9	95.9

