

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010750.D
 Acq On : 09 Jul 2019 15:01
 Operator : JC/SP
 Sample : K3691-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0535-190704

Quant Time: Jul 10 12:36:29 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

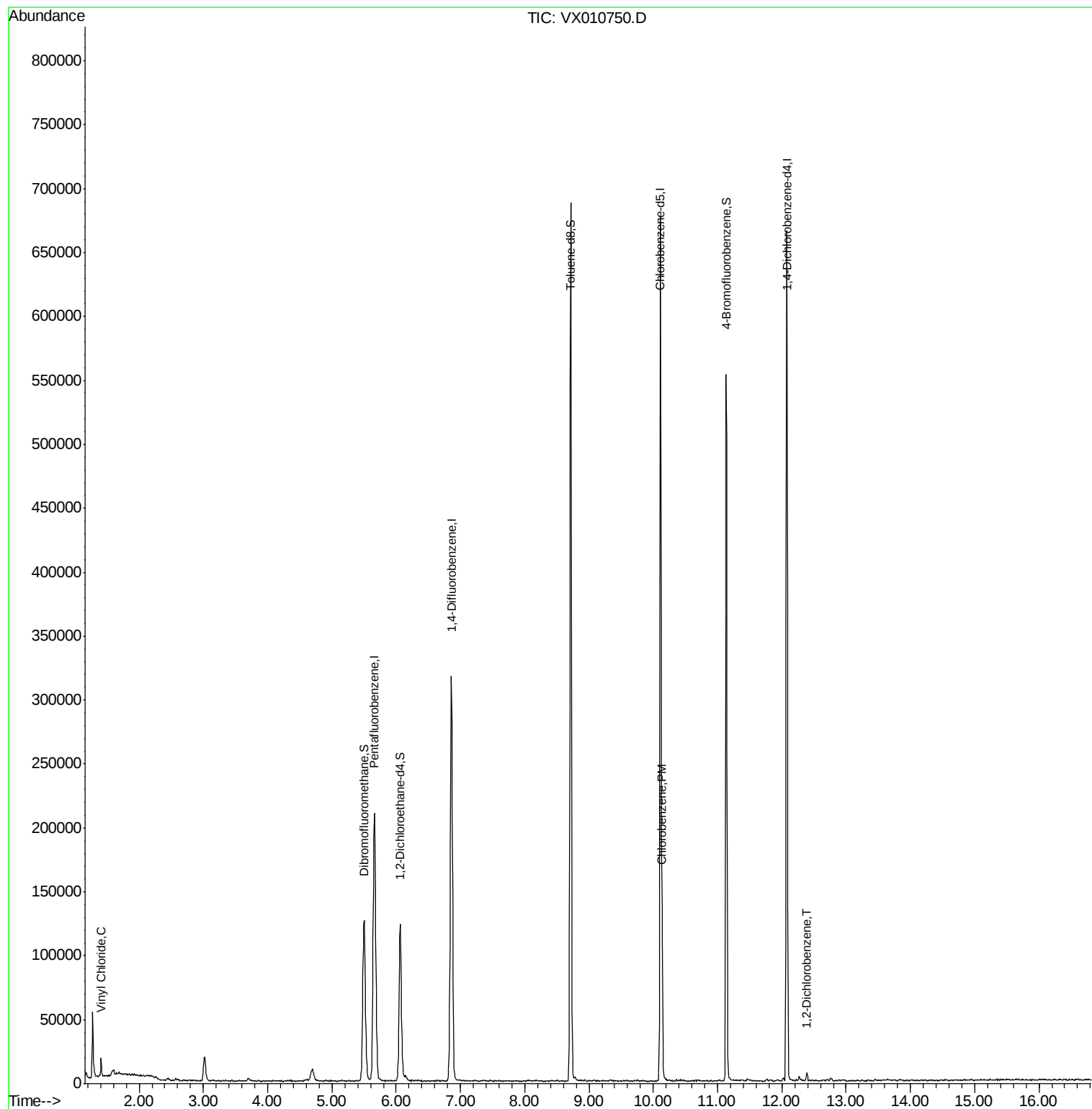
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110302	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
35) Dibromofluoromethane	5.50	113	106367	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	8.71	98	410217	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	137913	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
4) Vinyl Chloride	1.41	62	9182	4.707	ug/l	100
65) Chlorobenzene	10.14	112	49761	7.779	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	1508	0.312	ug/l	98

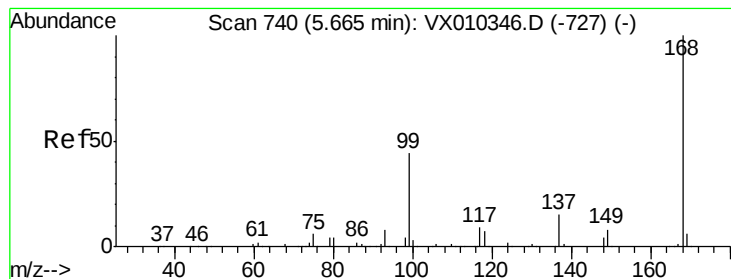
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010750.D

Acq: 09 Jul 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

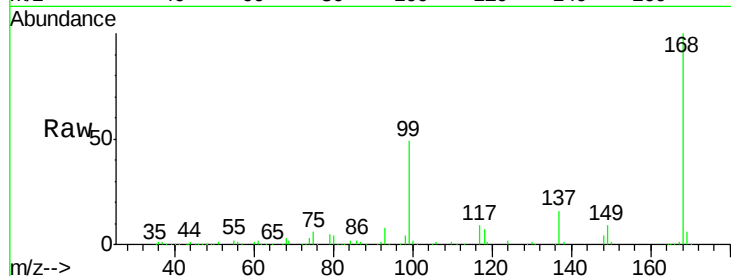
DUP-0535-190704

Tot Ion:168 Resp: 220014

Ion Ratio Lower Upper

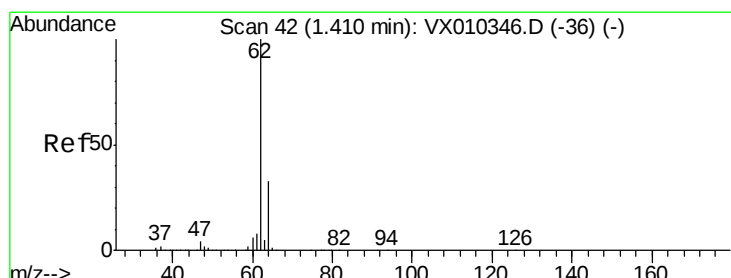
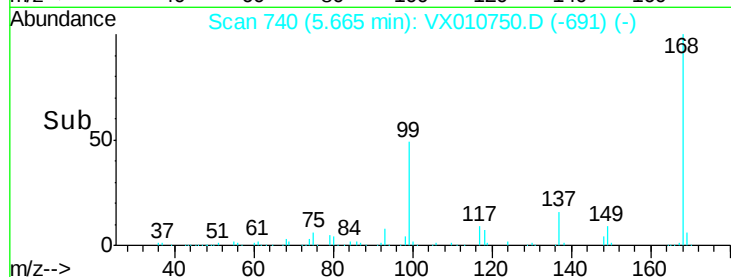
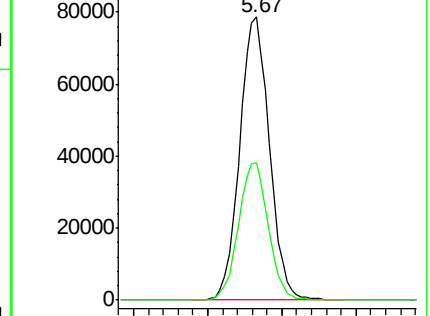
168 100

99 48.6 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: 4.707 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010750.D

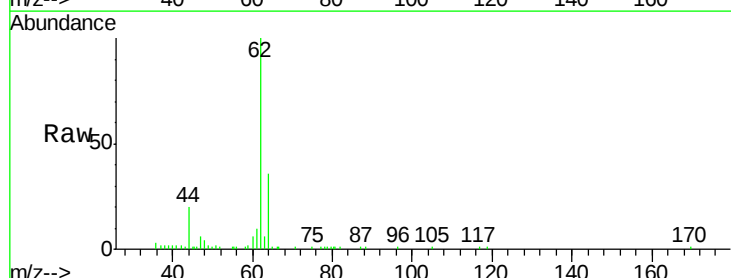
Acq: 09 Jul 2019 15:01

Tgt Ion: 62 Resp: 9182

Ion Ratio Lower Upper

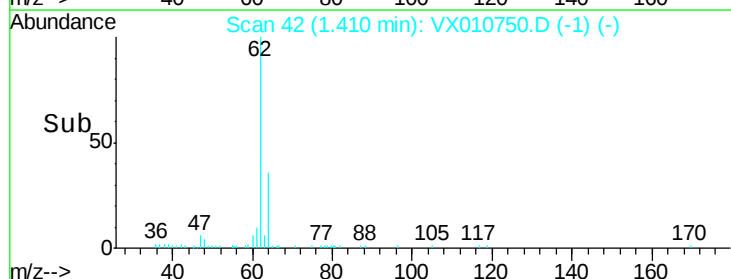
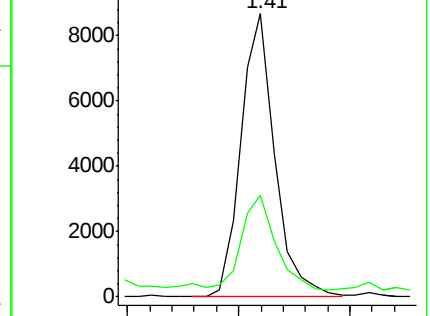
62 100

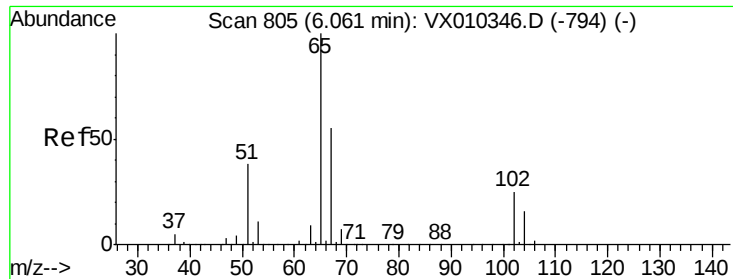
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.471 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010750.D

Acq: 09 Jul 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

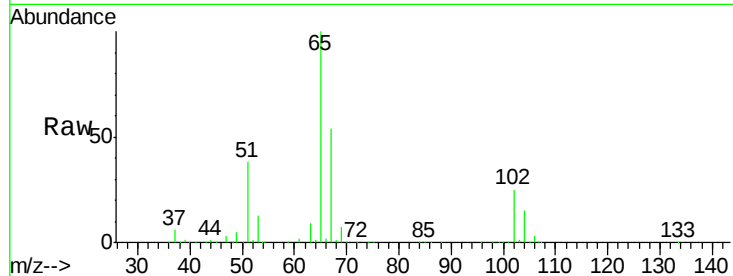
DUP-0535-190704

Tot Ion: 65 Resp: 110302

Ion Ratio Lower Upper

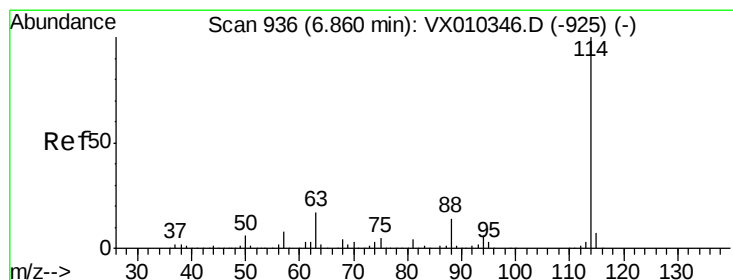
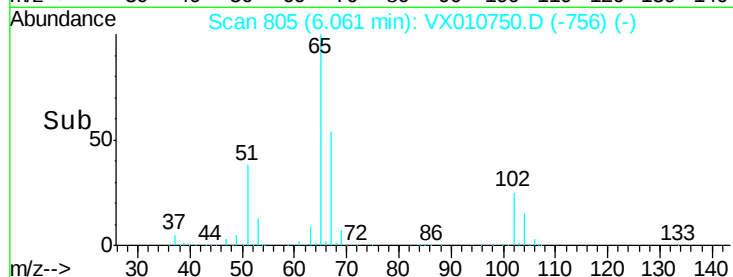
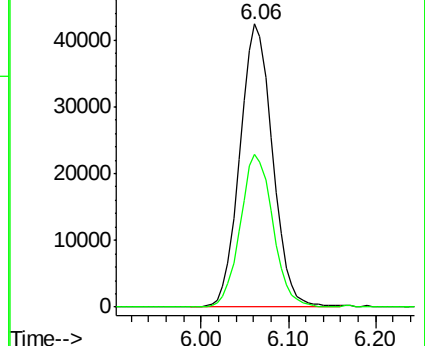
65 100

67 53.8 0.0 110.2



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: VX010750.D

Acq: 09 Jul 2019 15:01

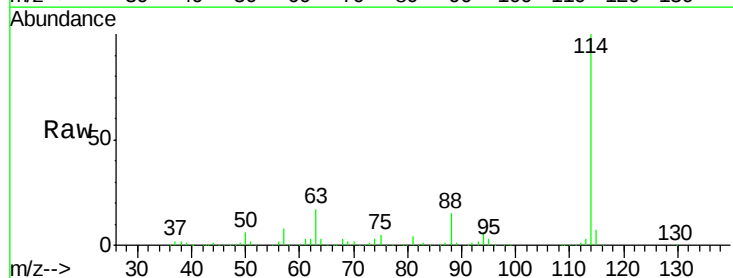
Tgt Ion: 114 Resp: 343132

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.8

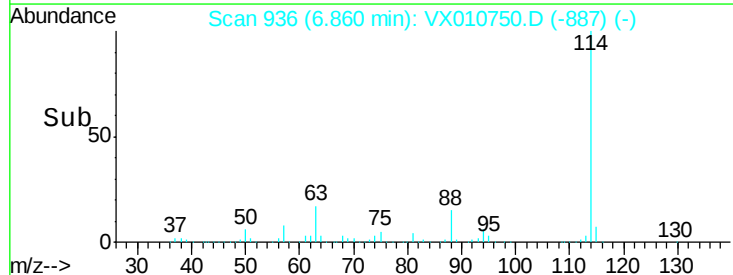
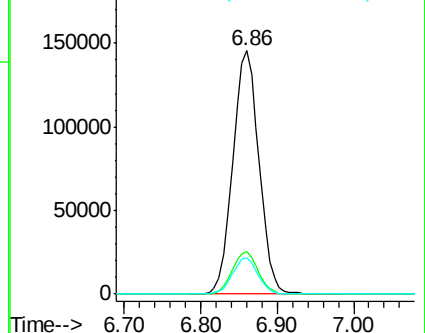
88 15.0 0.0 27.6

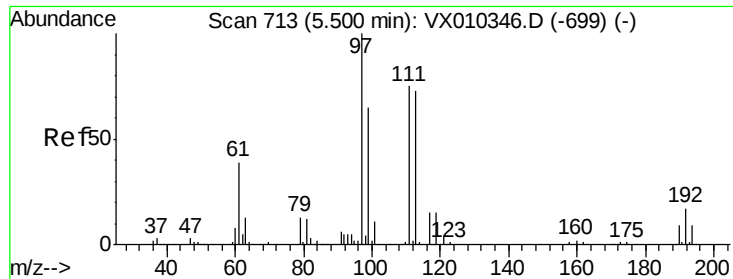


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

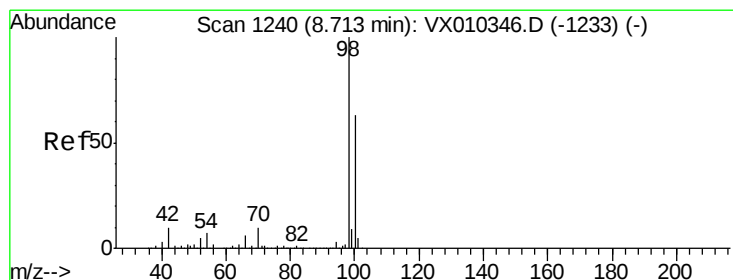
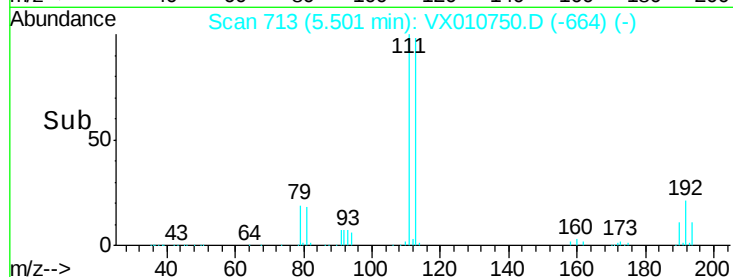
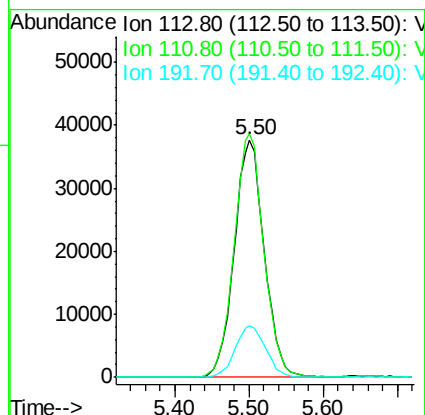
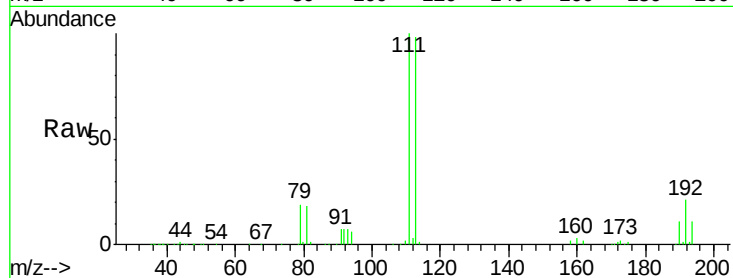




#35
 Dibromofluoromethane
 Concen: 50.665 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010750.D
 Acq: 09 Jul 2019 15:01

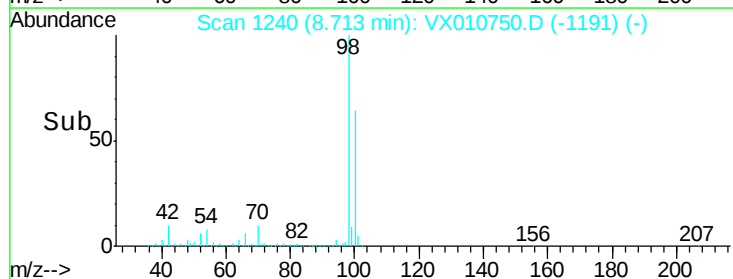
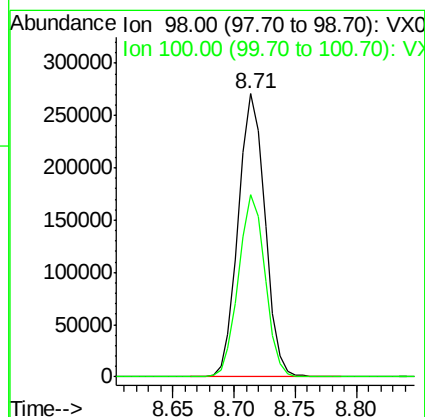
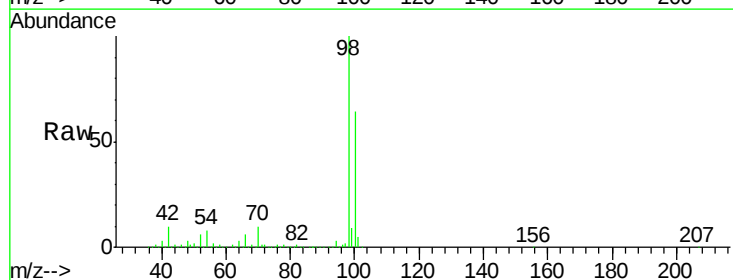
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0535-190704

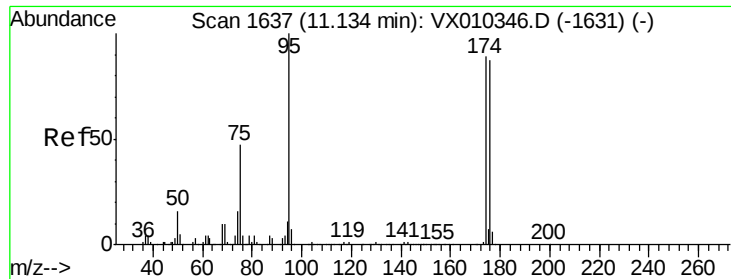
Tot Ion:113 Resp: 106367
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.2 121.8
 192 22.2 18.6 27.8



#50
 Toluene-d8
 Concen: 51.073 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010750.D
 Acq: 09 Jul 2019 15:01

Tgt Ion: 98 Resp: 410217
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 47.560 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010750.D

Acq: 09 Jul 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

DUP-0535-190704

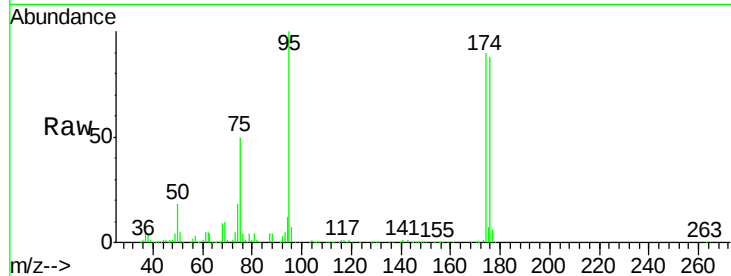
Tot Ion: 95 Resp: 137913

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.6

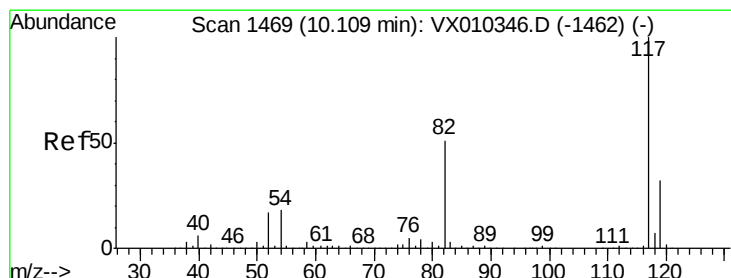
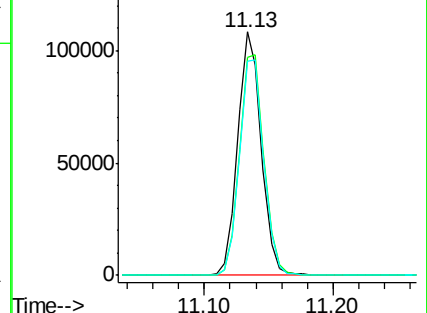
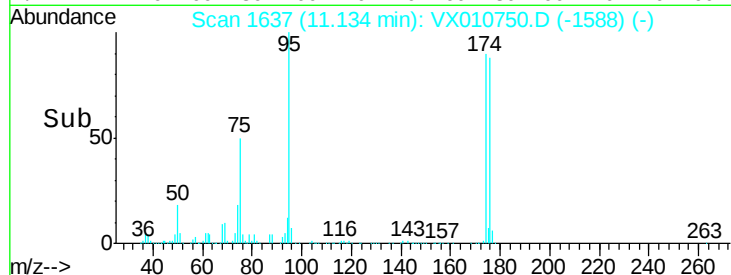
176 91.8 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010750.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010750.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010750.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010750.D

Acq: 09 Jul 2019 15:01

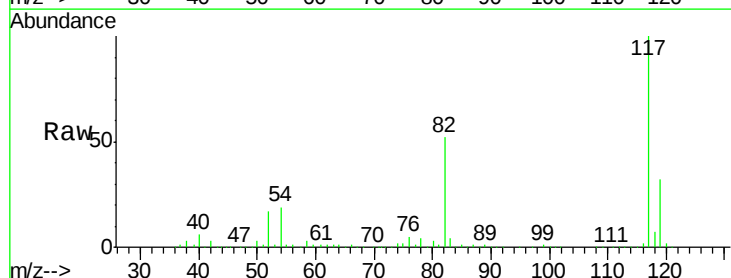
Tgt Ion: 117 Resp: 315076

Ion Ratio Lower Upper

117 100

82 52.2 41.2 61.8

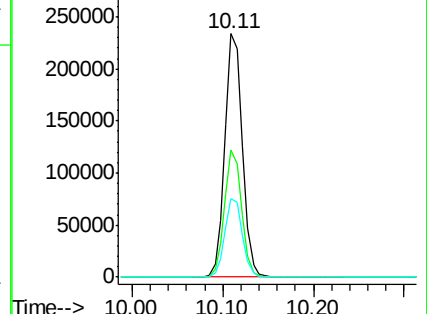
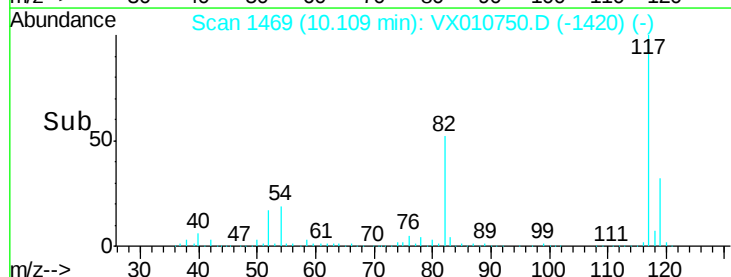
119 32.2 25.5 38.3

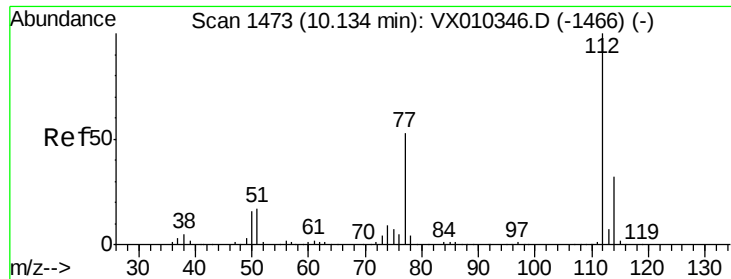


Abundance Ion 116.90 (116.60 to 117.60): VX010750.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010750.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010750.D (-1420) (-)





#65

Chlorobenzene

Concen: 7.779 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010750.D

Acq: 09 Jul 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

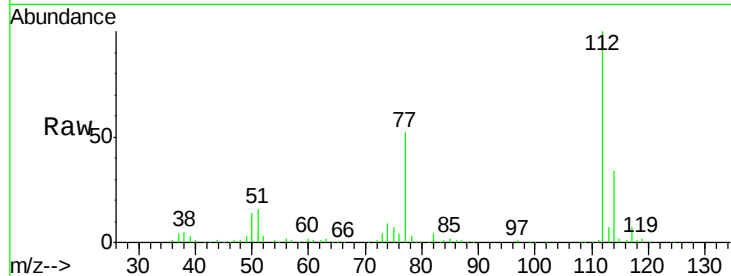
DUP-0535-190704

Tot Ion:112 Resp: 49761

Ion Ratio Lower Upper

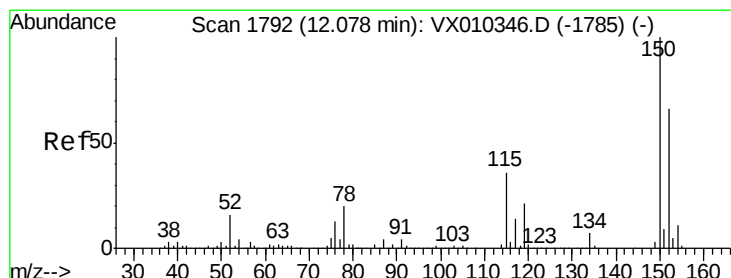
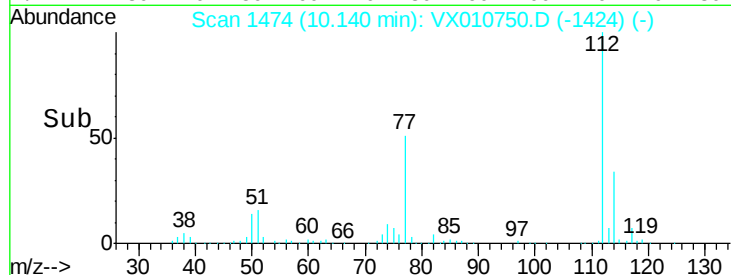
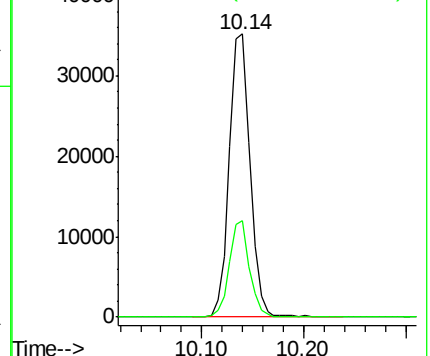
112 100

114 34.0 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: VX010750.D

Acq: 09 Jul 2019 15:01

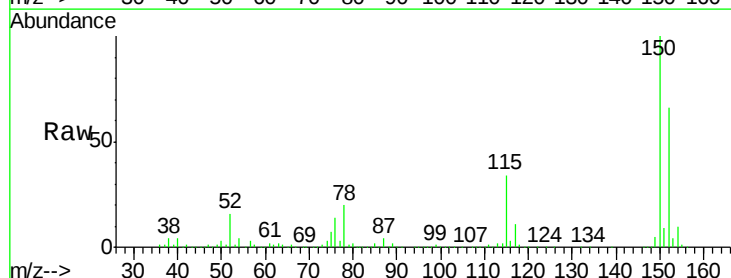
Tgt Ion:152 Resp: 147362

Ion Ratio Lower Upper

152 100

115 55.0 38.6 115.7

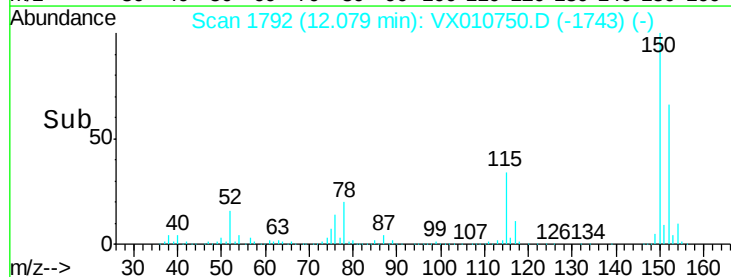
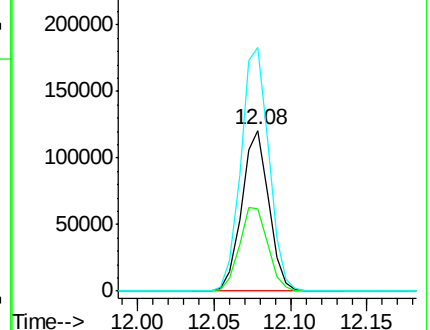
150 157.4 0.0 347.4

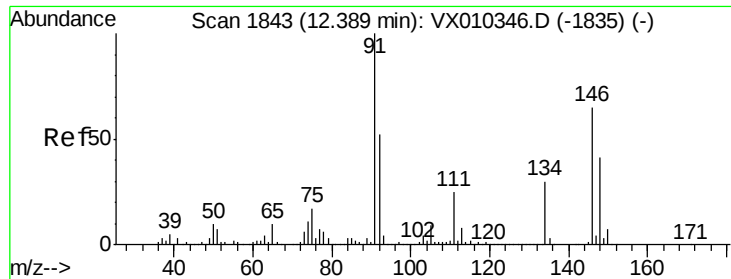


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91
 1,2-Dichlorobenzene
 Concen: 0.312 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010750.D
 Acq: 09 Jul 2019 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0535-190704

Tot Ion:	146	Resp:	1508
Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.2	57.6
148	63.9	32.0	96.0

