

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010751.D
 Acq On : 09 Jul 2019 15:24
 Operator : JC/SP
 Sample : K3691-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-190704

Quant Time: Jul 10 12:37:30 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

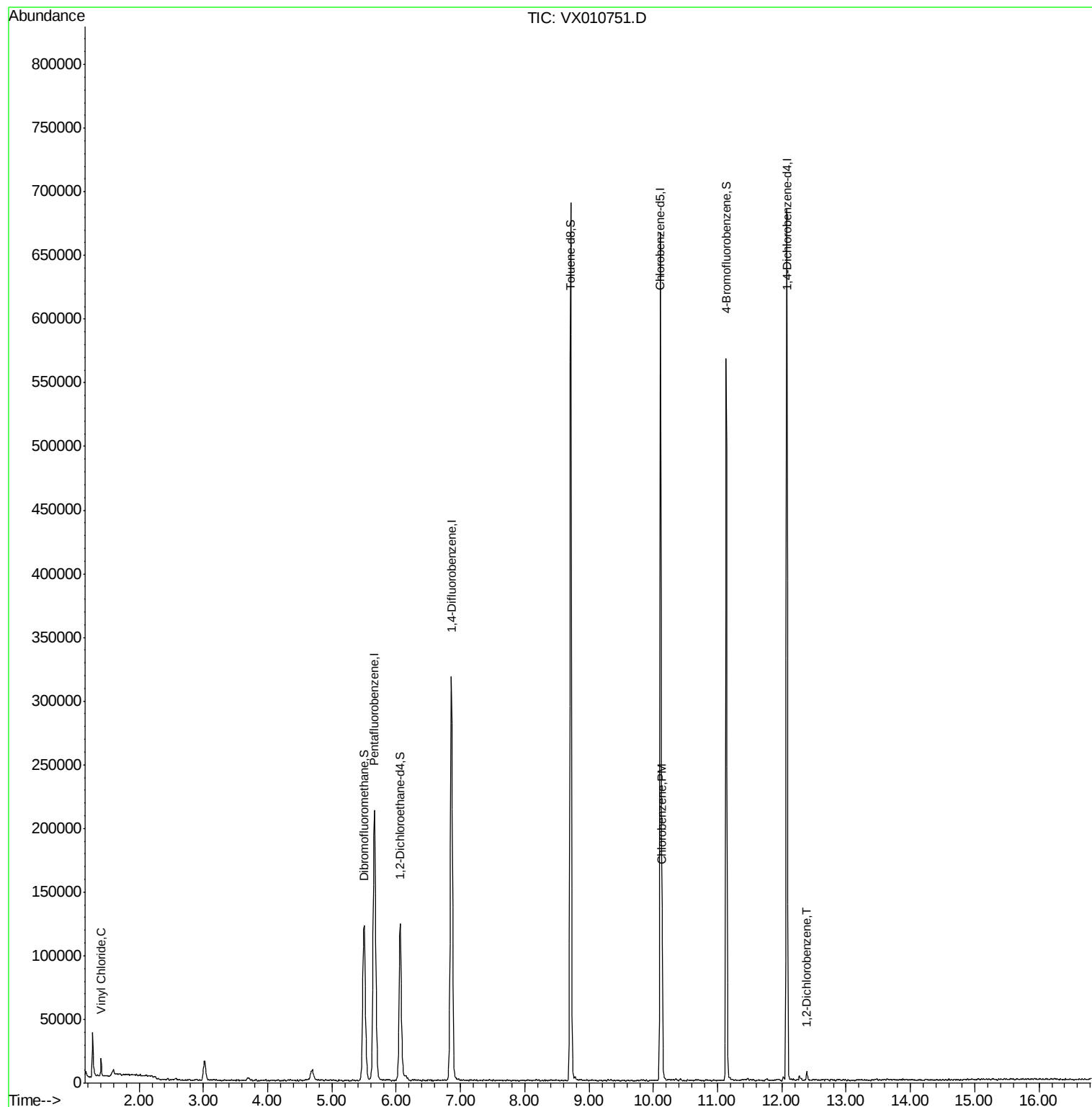
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111274	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	5.50	113	104810	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	8.71	98	409858	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	137837	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
4) Vinyl Chloride	1.41	62	9353	4.792	ug/l	97
65) Chlorobenzene	10.14	112	48670	7.583	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1611	0.336	ug/l	95

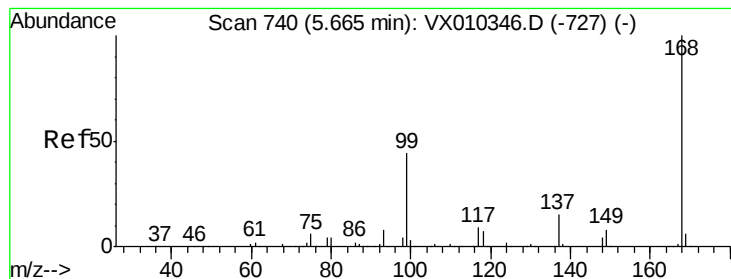
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010751.D

Acq: 09 Jul 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

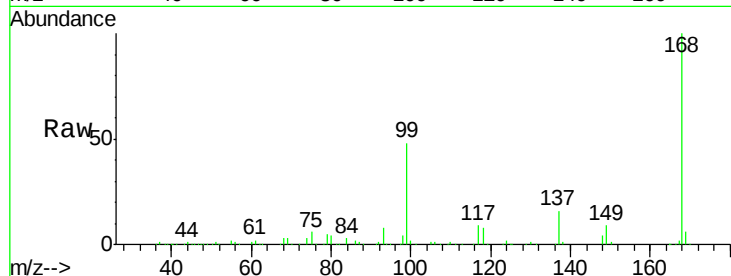
WP022RW358-190704

Tot Ion:168 Resp: 220138

Ion Ratio Lower Upper

168 100

99 48.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

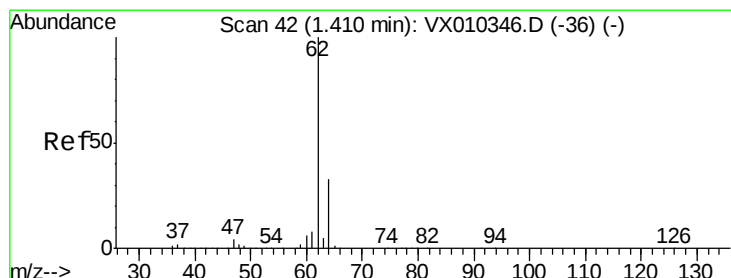
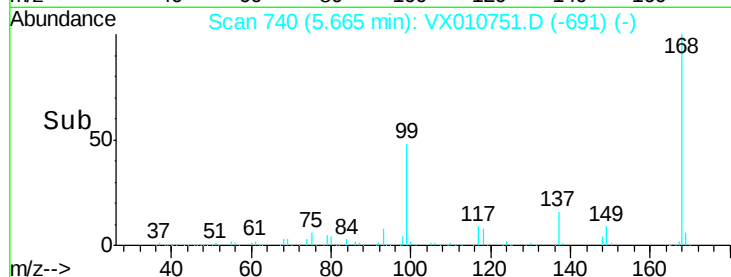
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 4.792 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010751.D

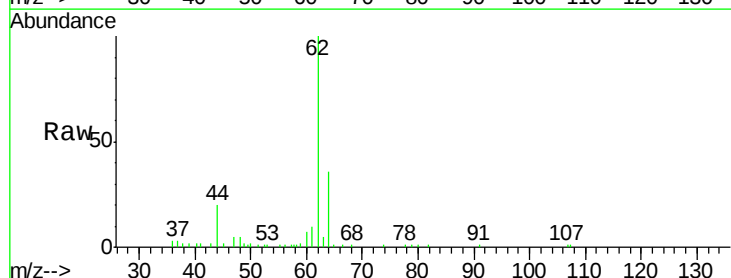
Acq: 09 Jul 2019 15:24

Tgt Ion: 62 Resp: 9353

Ion Ratio Lower Upper

62 100

64 34.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

10000

8000

6000

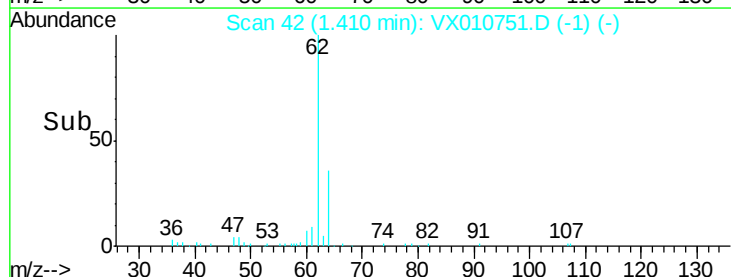
4000

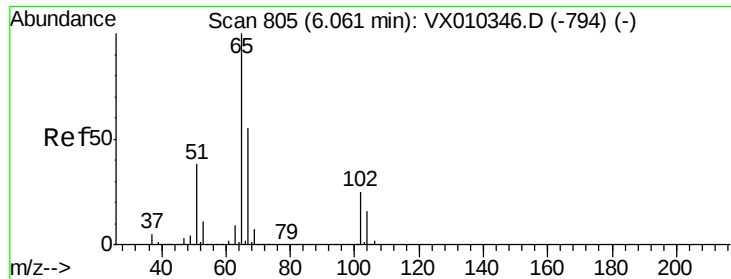
2000

0

Time-->

1.40 1.45





#33

1,2-Dichloroethane-d4

Concen: 53.911 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010751.D

Acq: 09 Jul 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

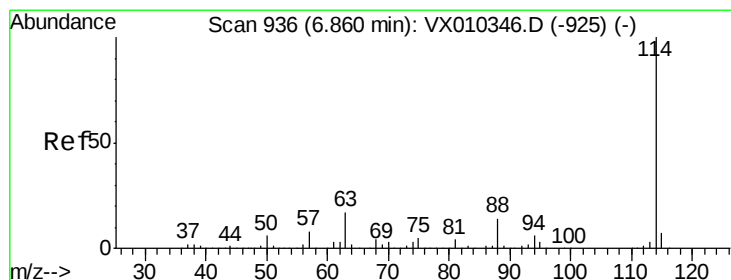
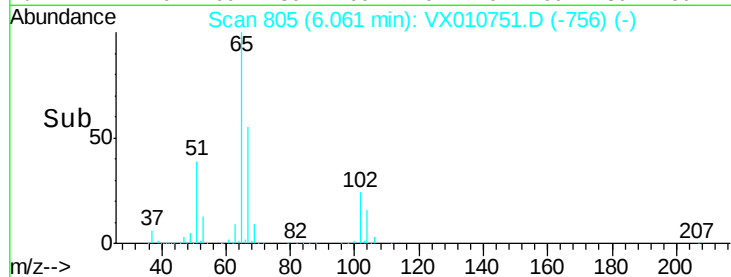
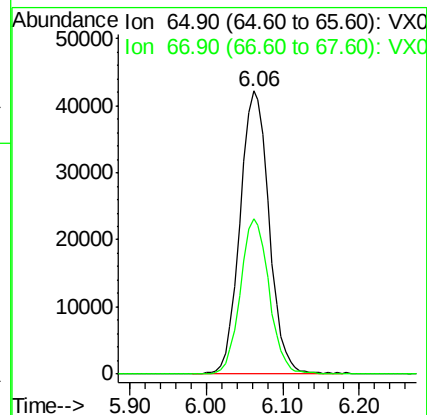
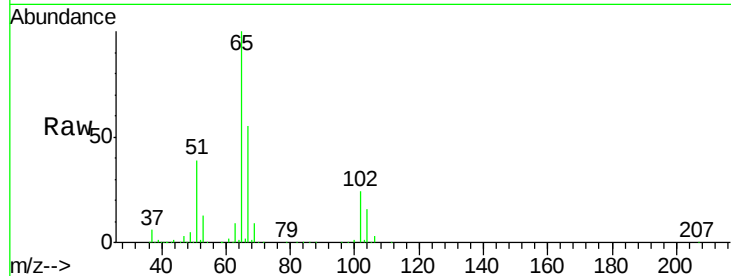
WP022RW358-190704

Tot Ion: 65 Resp: 111274

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010751.D

Acq: 09 Jul 2019 15:24

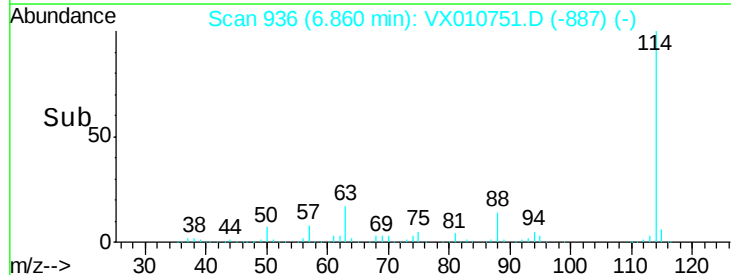
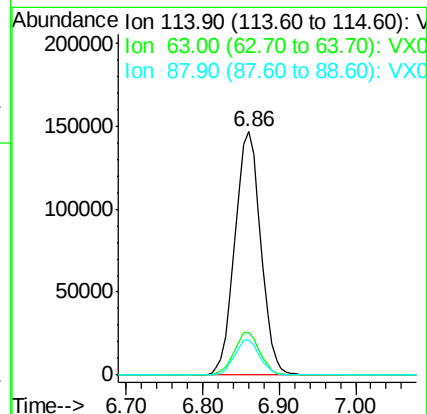
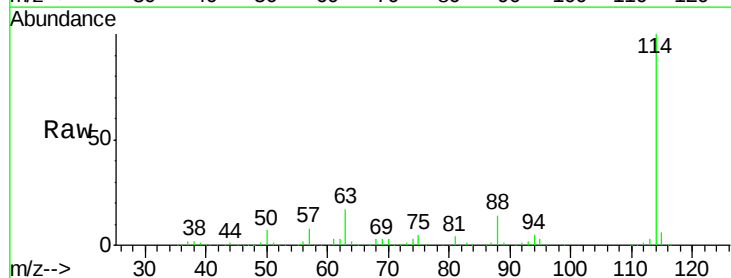
Tgt Ion: 114 Resp: 344748

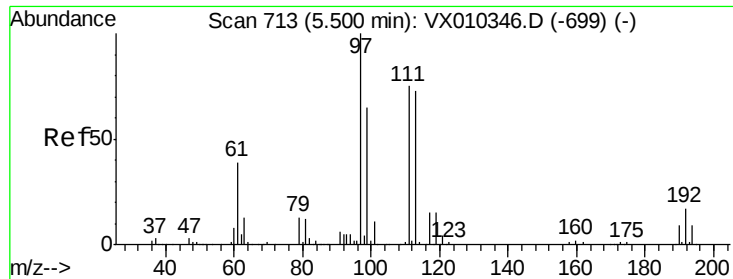
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

88 14.2 0.0 27.6

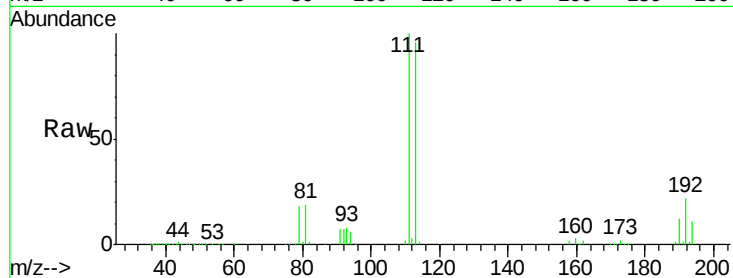




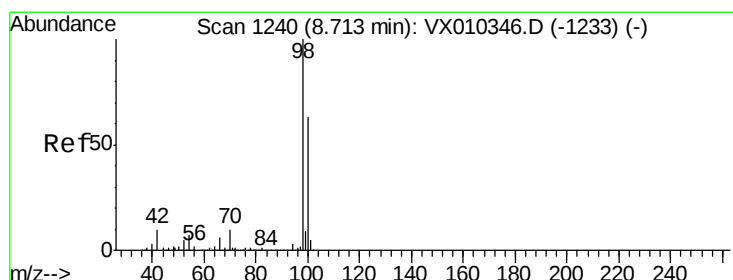
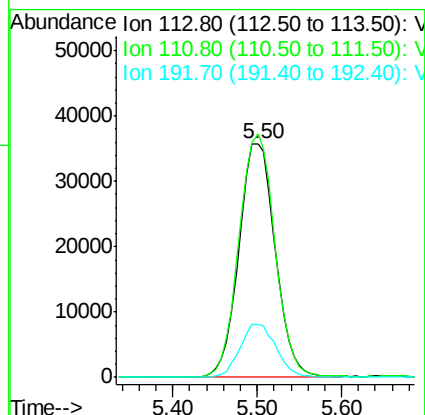
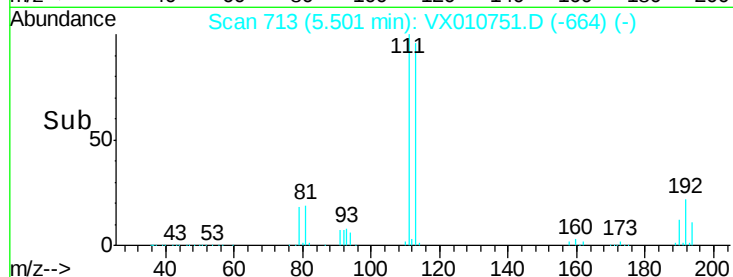
#35
 Dibromofluoromethane
 Concen: 49.690 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010751.D
 Acq: 09 Jul 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-190704

Tot Ion:113 Resp: 104810
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.2 121.8
 192 22.6 18.6 27.8

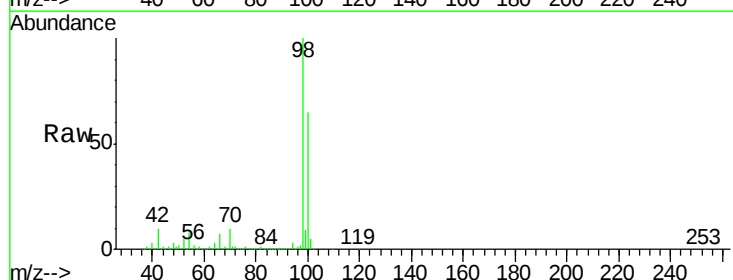


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

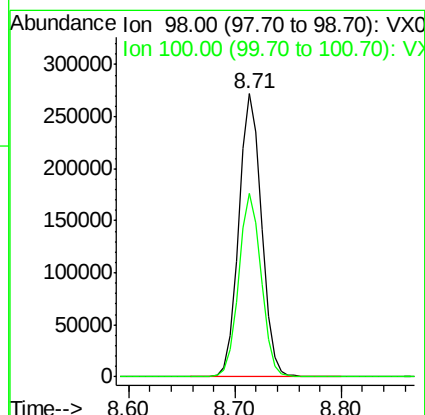
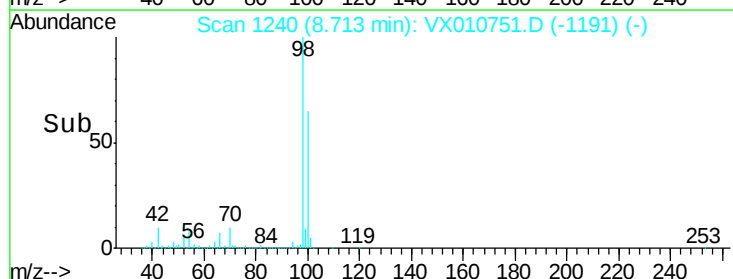


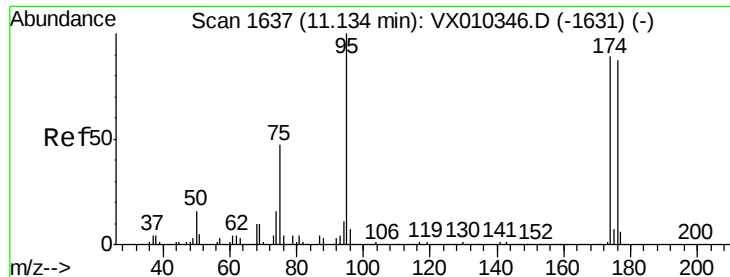
#50
 Toluene-d8
 Concen: 50.789 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010751.D
 Acq: 09 Jul 2019 15:24

Tgt Ion: 98 Resp: 409858
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.311 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010751.D

Acq: 09 Jul 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

WP022RW358-190704

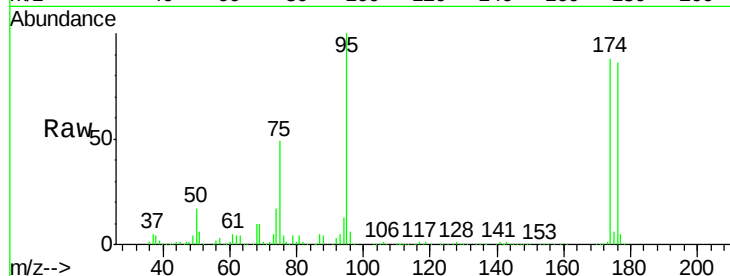
Tot Ion: 95 Resp: 137837

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.6

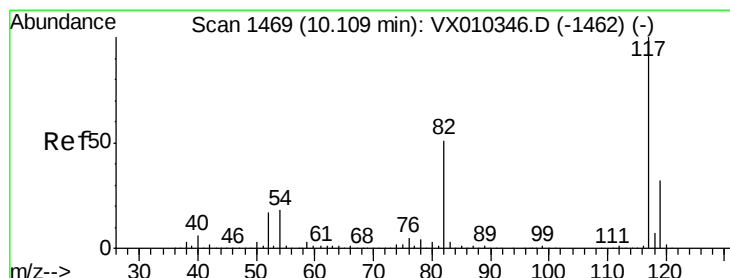
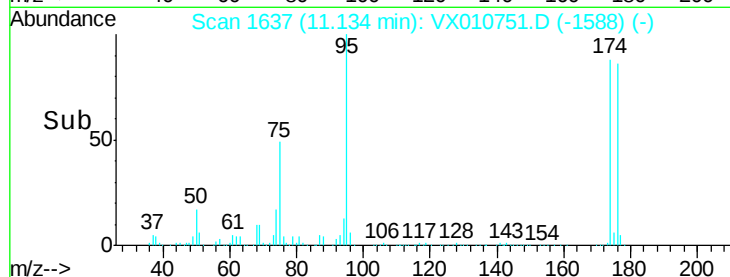
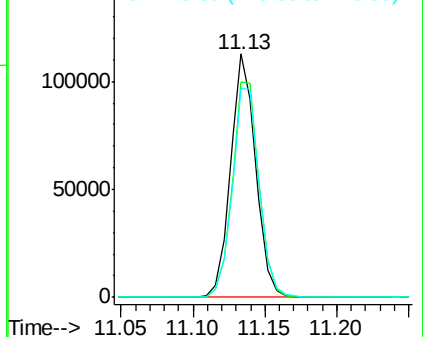
176 92.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010751.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010751.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010751.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010751.D

Acq: 09 Jul 2019 15:24

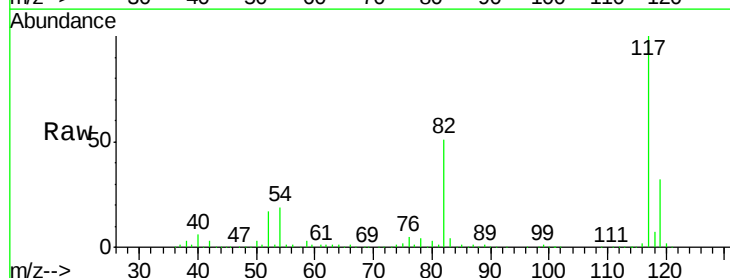
Tgt Ion: 117 Resp: 316161

Ion Ratio Lower Upper

117 100

82 51.5 41.2 61.8

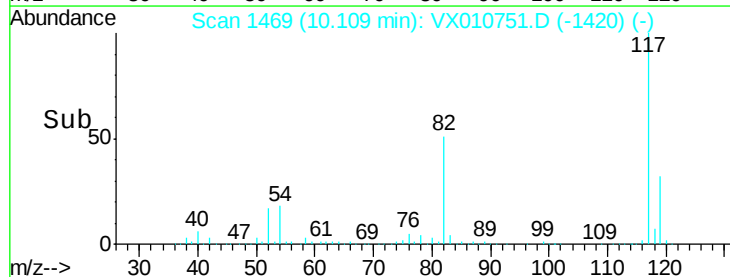
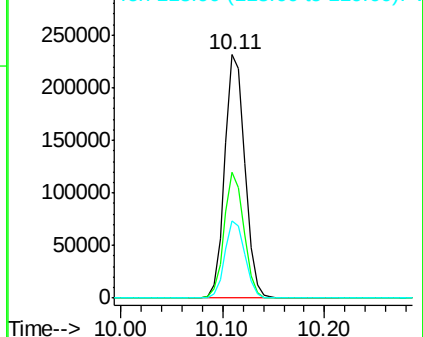
119 31.7 25.5 38.3

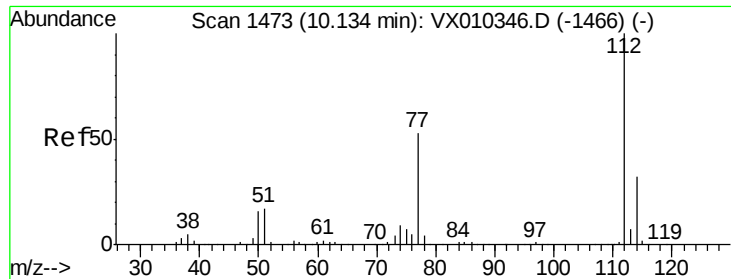


Abundance Ion 116.90 (116.60 to 117.60): VX010751.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010751.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010751.D (-1420) (-)

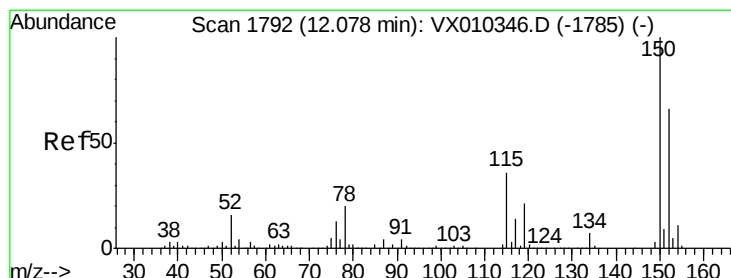
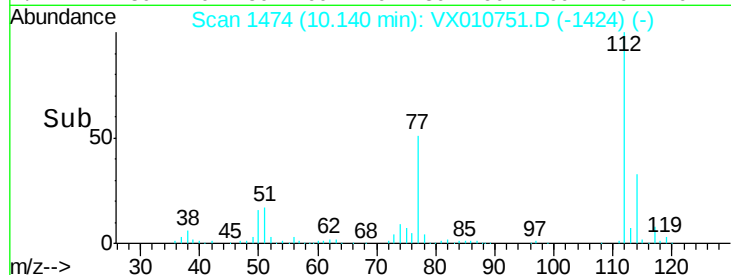
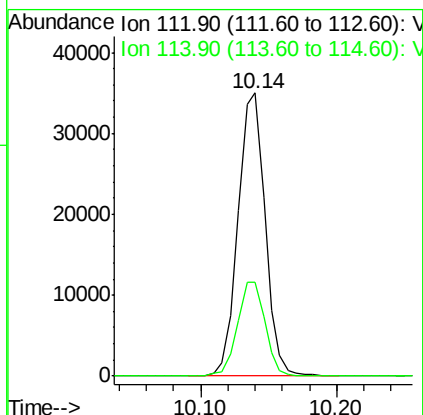
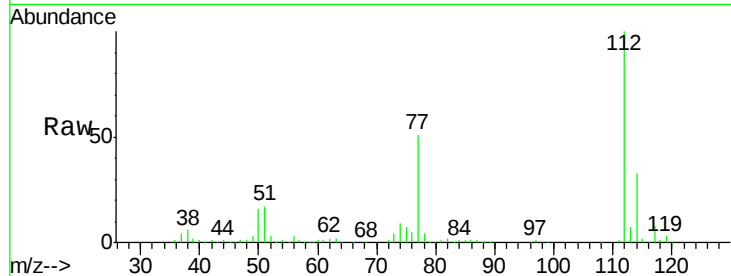




#65
 Chlorobenzene
 Concen: 7.583 ug/l
 RT: 10.14 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: VX010751.D
 Acq: 09 Jul 2019 15:24

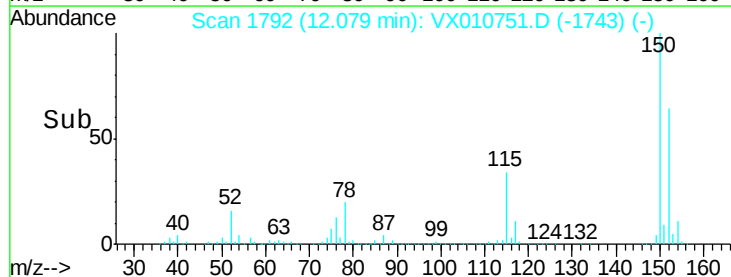
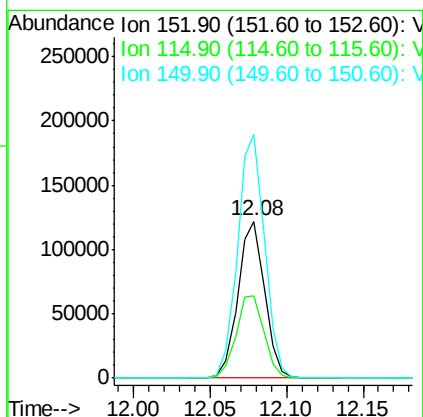
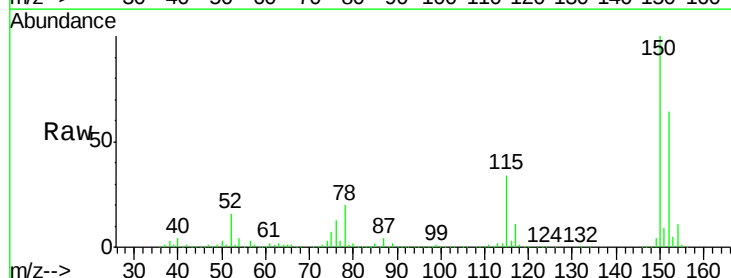
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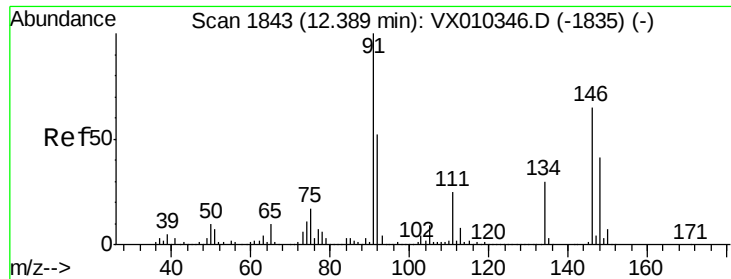
Tot Ion:112 Resp: 48670
 Ion Ratio Lower Upper
 112 100
 114 33.1 25.4 38.2



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010751.D
 Acq: 09 Jul 2019 15:24

Tgt Ion:152 Resp: 146170
 Ion Ratio Lower Upper
 152 100
 115 55.4 38.6 115.7
 150 158.0 0.0 347.4

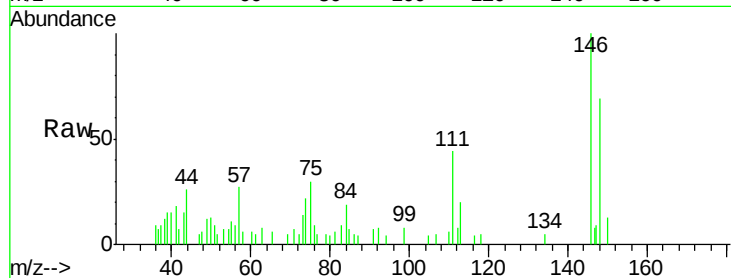




#91
 1,2-Dichlorobenzene
 Concen: 0.336 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010751.D
 Acq: 09 Jul 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW358-190704

Tot Ion:146 Resp: 1611
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.2 57.6
 148 60.6 32.0 96.0



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

