

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000874.D
 Acq On : 14 Apr 2018 14:59
 Operator : JC/MD
 Sample : J2353-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012RW164-180411

Quant Time: Apr 16 06:46:15 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	144138	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
35) Dibromofluoromethane	5.51	113	116889	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	8.73	98	457269	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.15	95	175770	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	

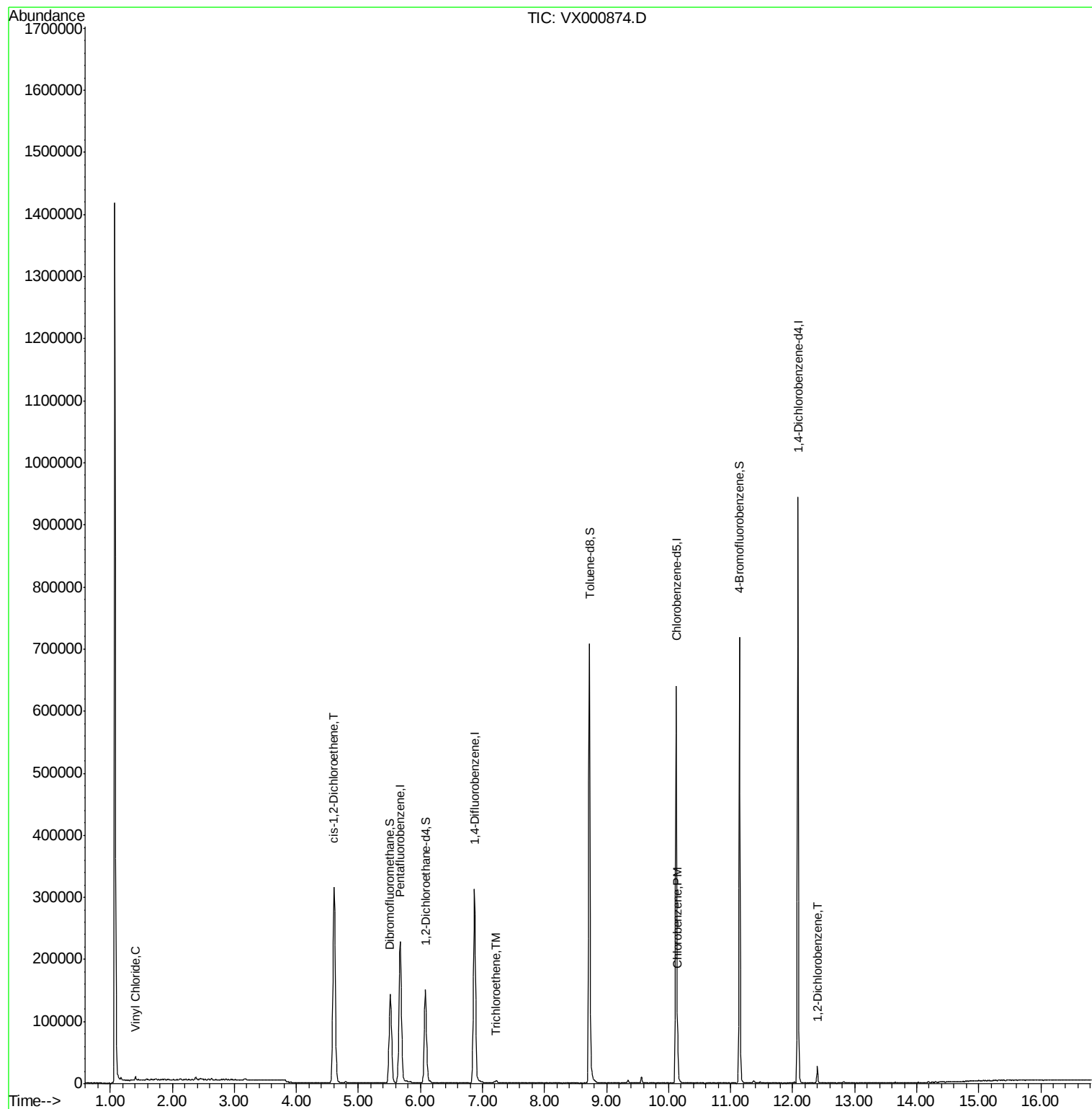
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	3712	1.36	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	205364	71.49	ug/l	89
44) Trichloroethene	7.22	130	1772	0.56	ug/l	76
65) Chlorobenzene	10.15	112	24718	3.23	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	8376	1.27	ug/l	98

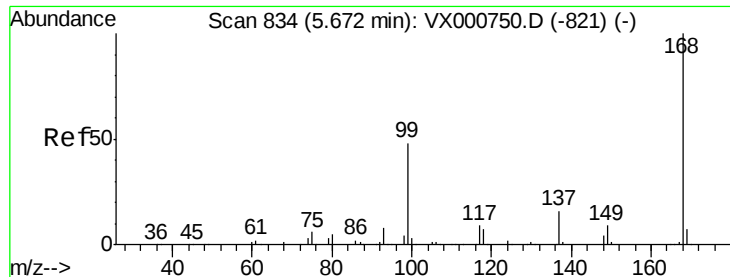
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000874.D

Acq: 14 Apr 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

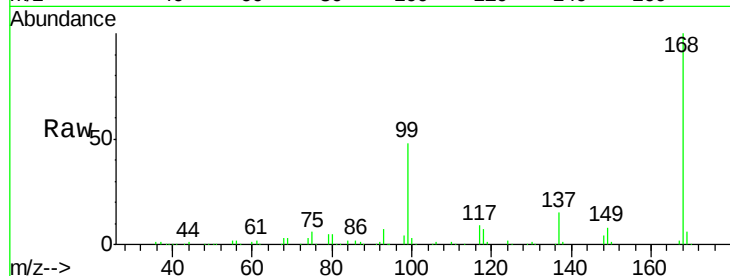
LF012RW164-180411

Tot Ion:168 Resp: 250085

Ion Ratio Lower Upper

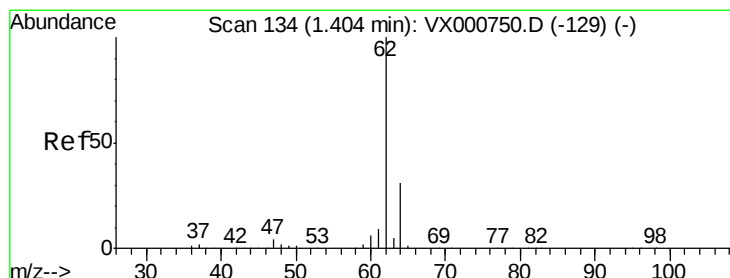
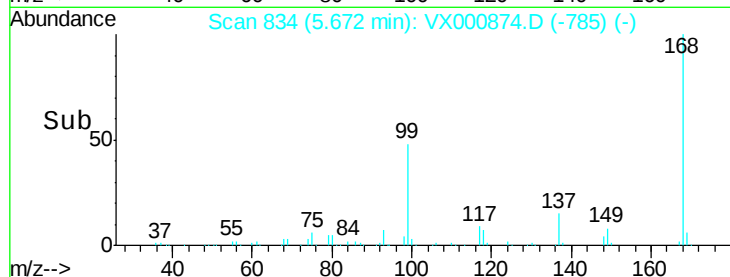
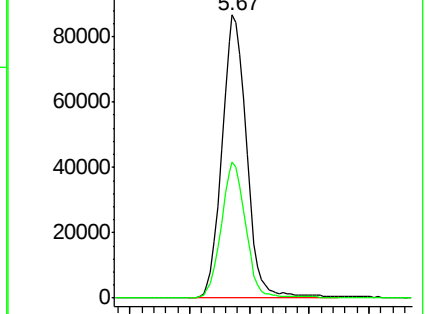
168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000874.D

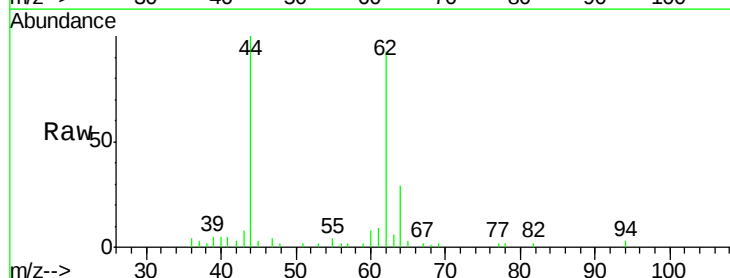
Acq: 14 Apr 2018 14:59

Tgt Ion: 62 Resp: 3712

Ion Ratio Lower Upper

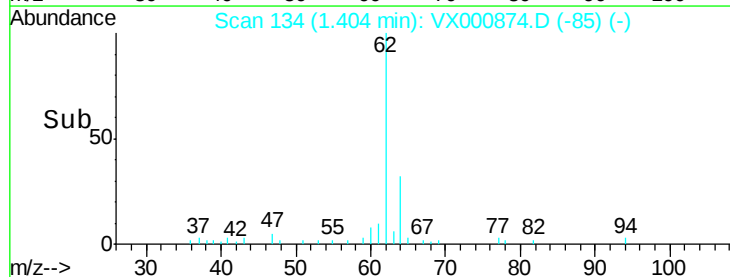
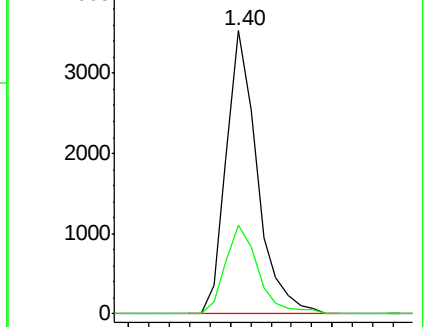
62 100

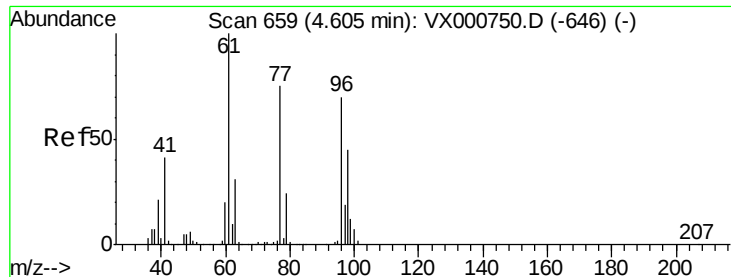
64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 71.49 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000874.D

Acq: 14 Apr 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

LF012RW164-180411

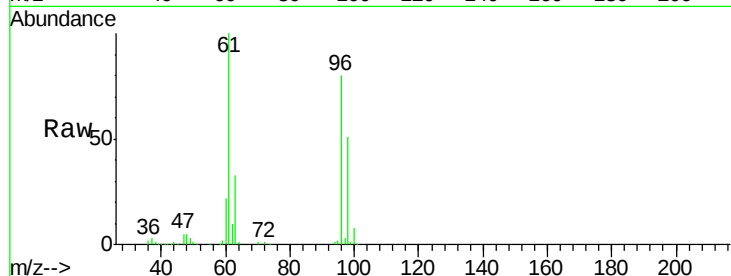
Tot Ion: 96 Resp: 205364

Ion Ratio Lower Upper

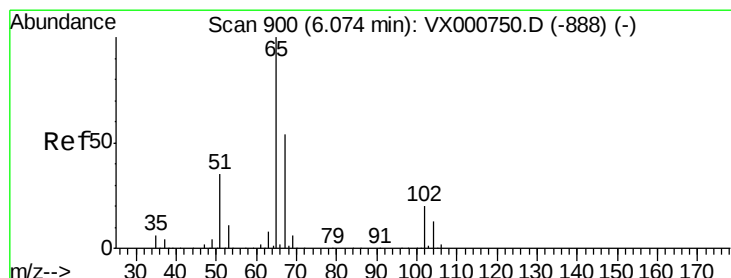
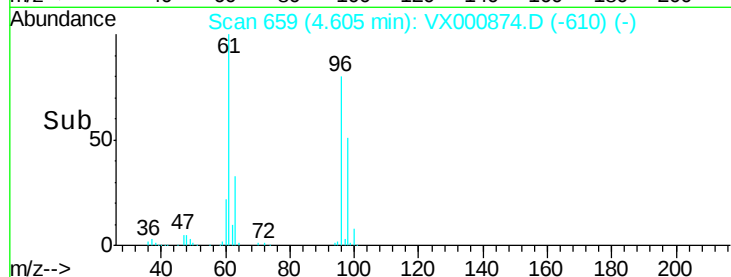
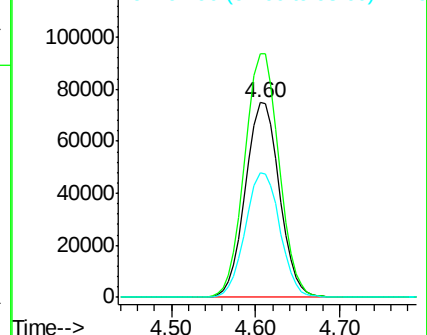
96 100

61 126.6 0.0 292.4

98 65.0 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.71 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000874.D

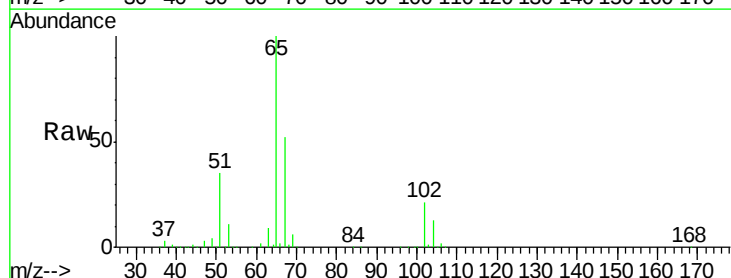
Acq: 14 Apr 2018 14:59

Tgt Ion: 65 Resp: 144138

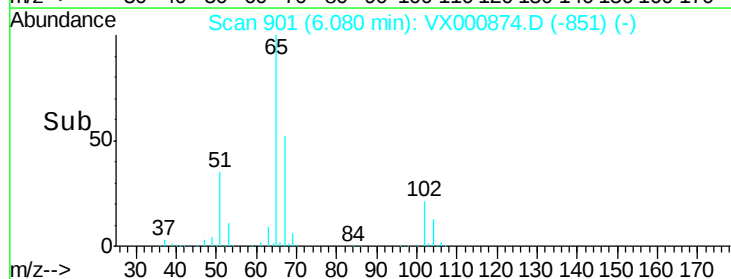
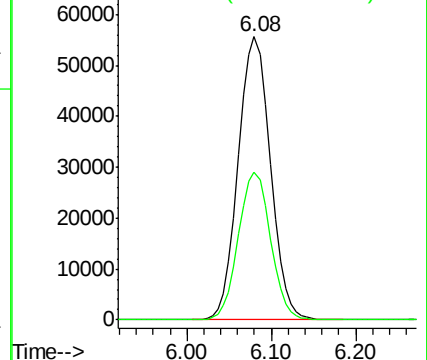
Ion Ratio Lower Upper

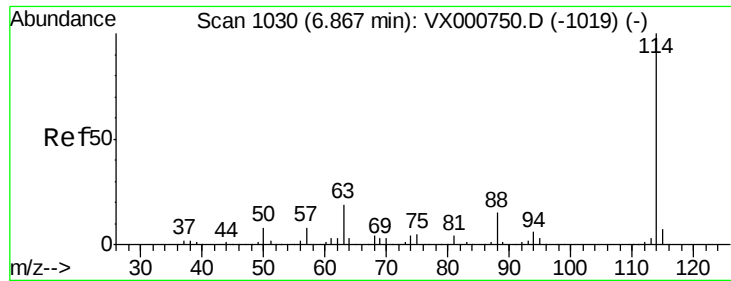
65 100

67 52.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000874.D

Acq: 14 Apr 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

LF012RW164-180411

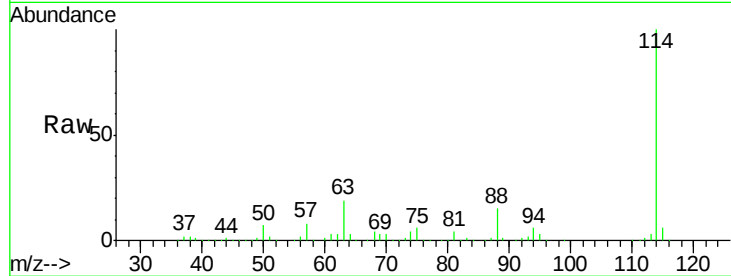
Tot Ion:114 Resp: 331008

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

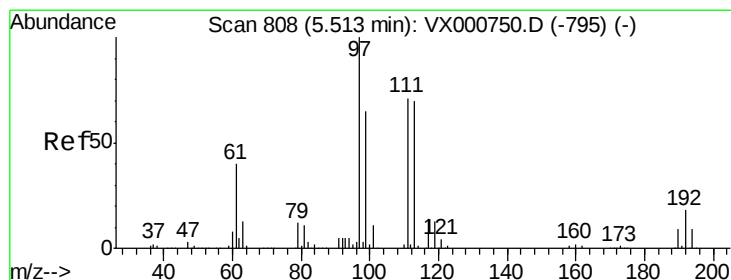
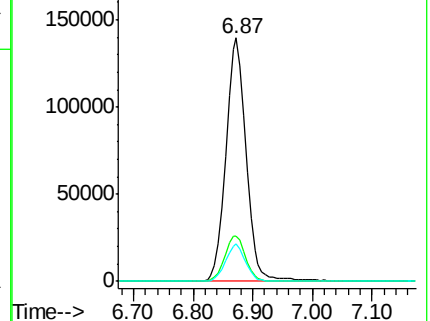
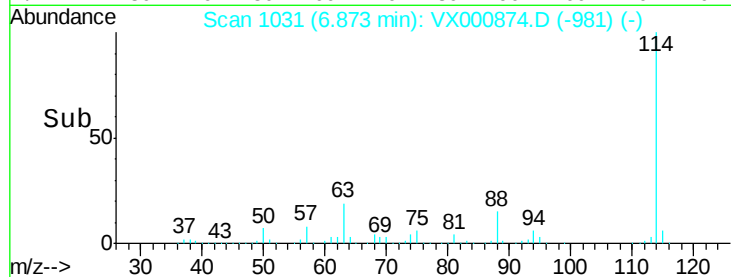
88 15.3 0.0 31.0



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: 45.83 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000874.D

Acq: 14 Apr 2018 14:59

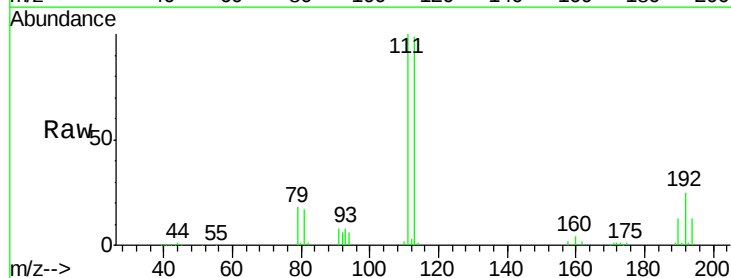
Tgt Ion:113 Resp: 116889

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

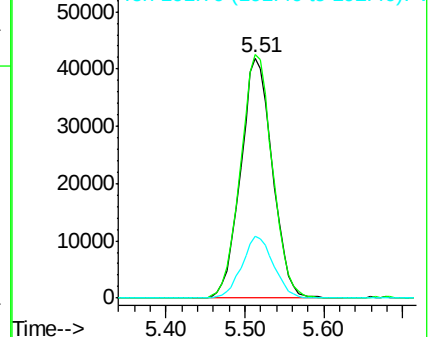
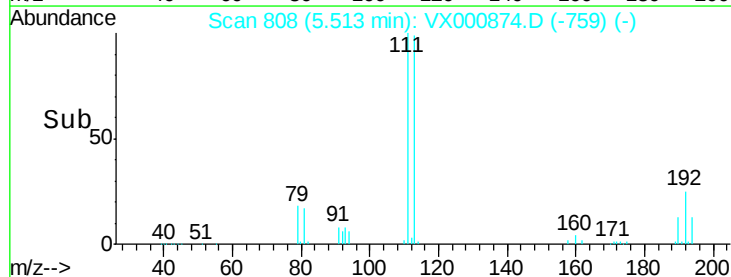
192 25.6 20.4 30.6

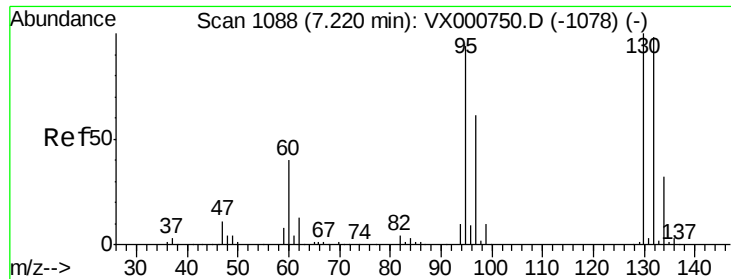


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.56 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000874.D

Acq: 14 Apr 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

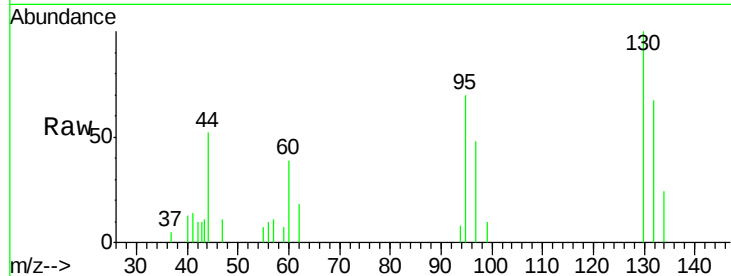
LF012RW164-180411

Tot Ion:130 Resp: 1772

Ion Ratio Lower Upper

130 100

95 70.3 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

1000

800

600

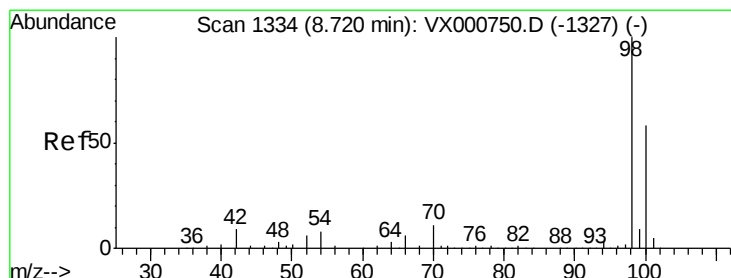
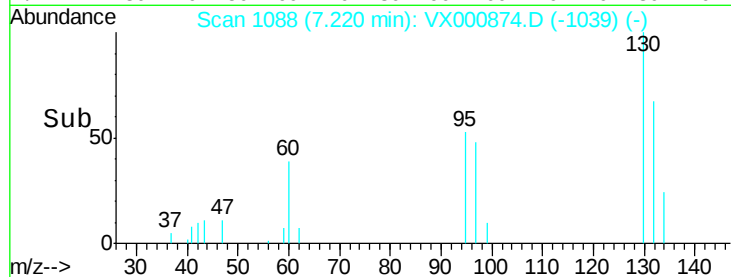
400

200

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 48.16 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000874.D

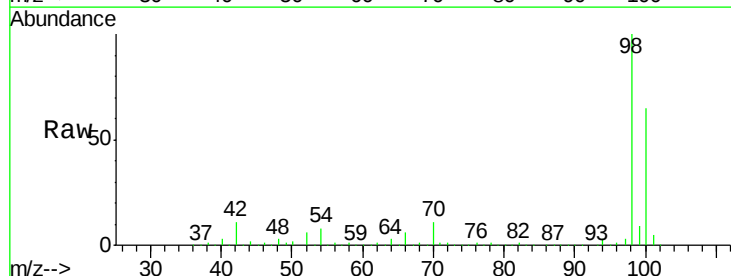
Acq: 14 Apr 2018 14:59

Tgt Ion: 98 Resp: 457269

Ion Ratio Lower Upper

98 100

100 64.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.73

300000

250000

200000

150000

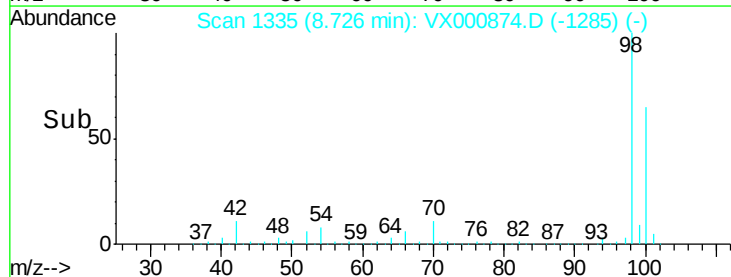
100000

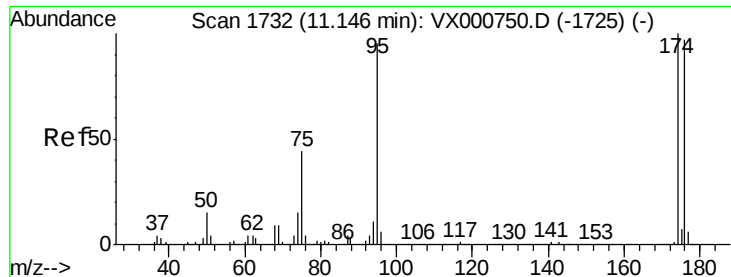
50000

0

8.60 8.70 8.80 8.90 9.00

Time-->

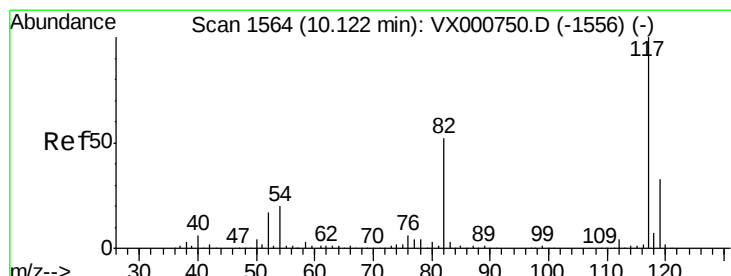
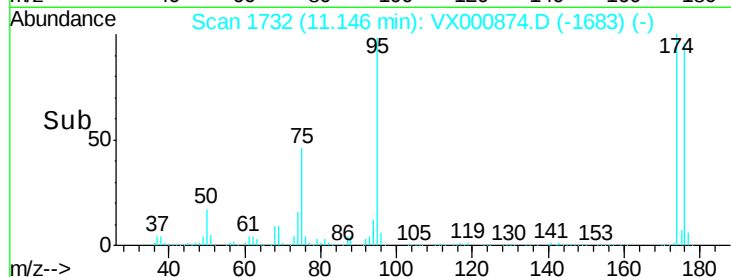
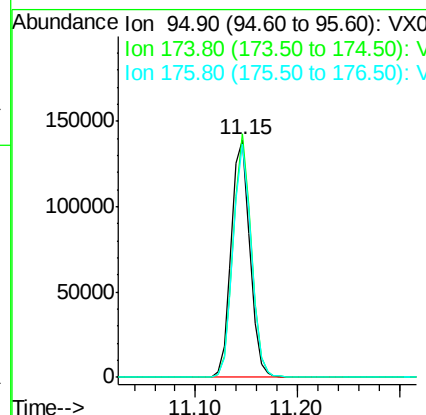
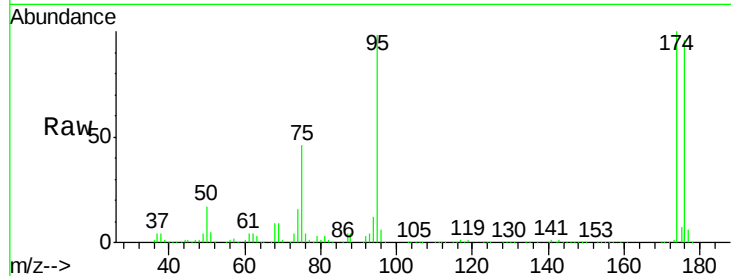




#62
4-Bromofluorobenzene
Concen: 44.74 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000874.D
Acq: 14 Apr 2018 14:59

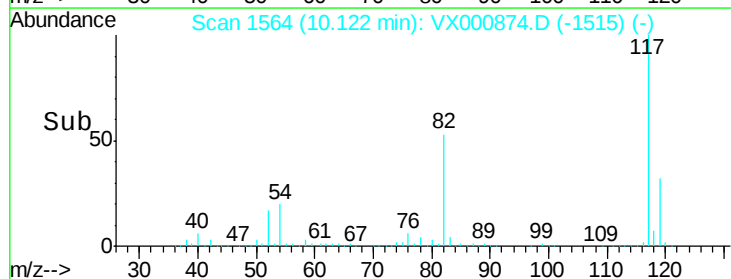
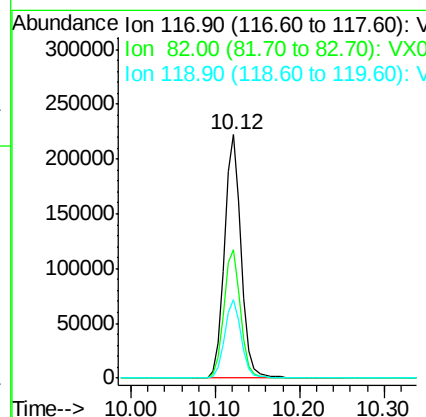
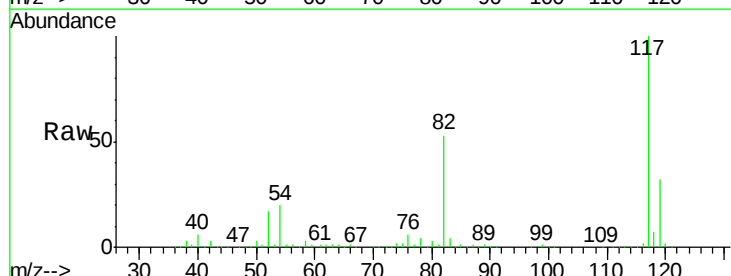
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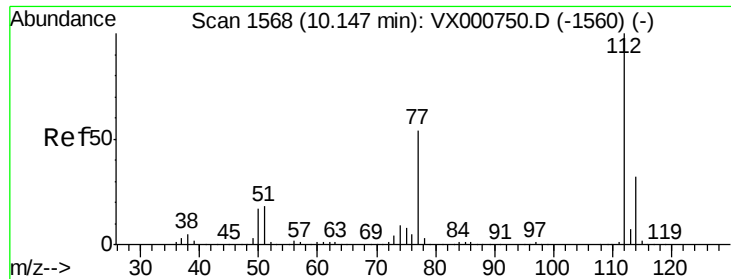
Tot Ion: 95 Resp: 175770
Ion Ratio Lower Upper
95 100
174 98.6 0.0 198.4
176 96.0 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000874.D
Acq: 14 Apr 2018 14:59

Tgt Ion: 117 Resp: 303786
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 32.2 26.0 39.0

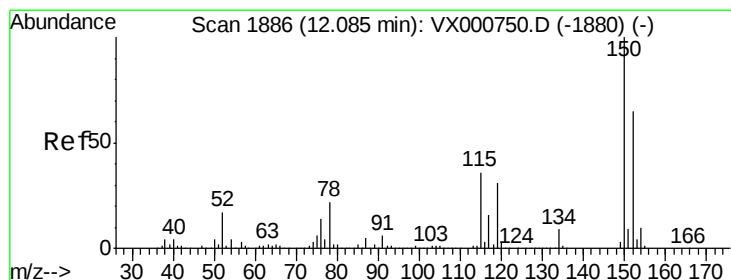
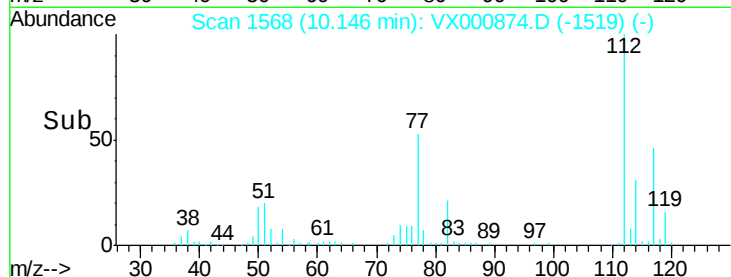
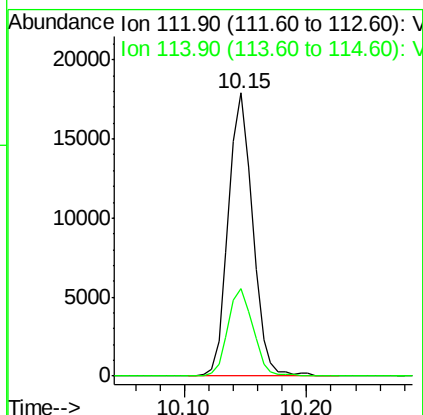
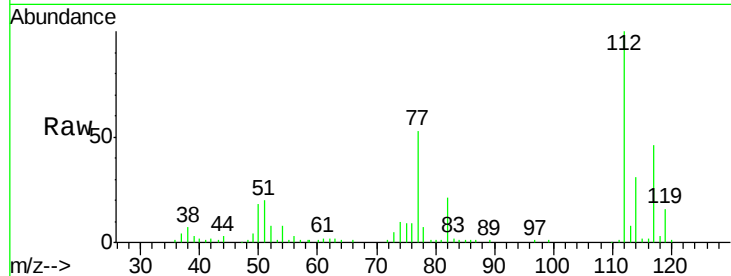




#65
Chlorobenzene
Concen: 3.23 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000874.D
Acq: 14 Apr 2018 14:59

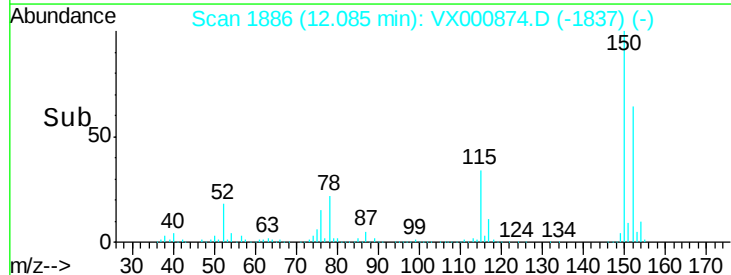
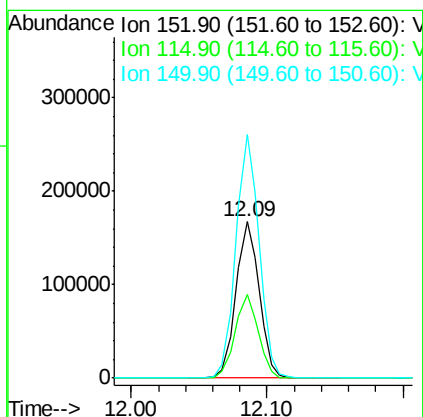
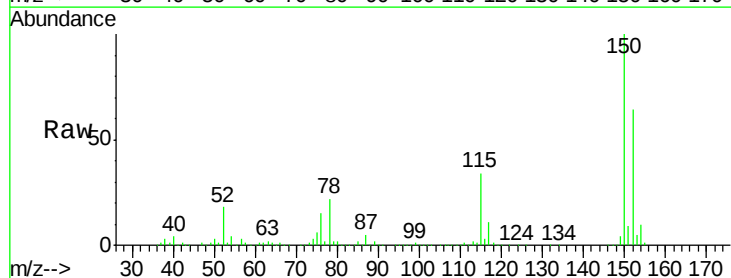
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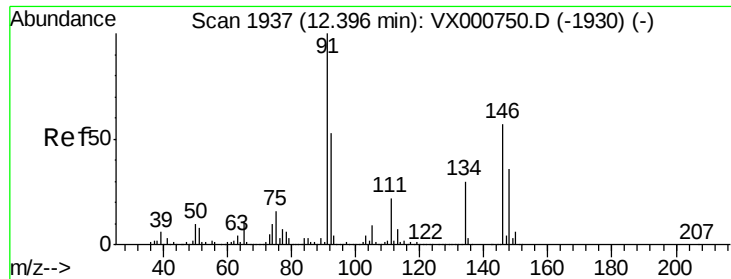
Tot Ion:112 Resp: 24718
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000874.D
Acq: 14 Apr 2018 14:59

Tgt Ion:152 Resp: 198630
Ion Ratio Lower Upper
152 100
115 53.6 37.9 113.7
150 155.5 0.0 348.0





#91

1,2-Dichlorobenzene

Concen: 1.27 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000874.D

Acq: 14 Apr 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

LF012RW164-180411

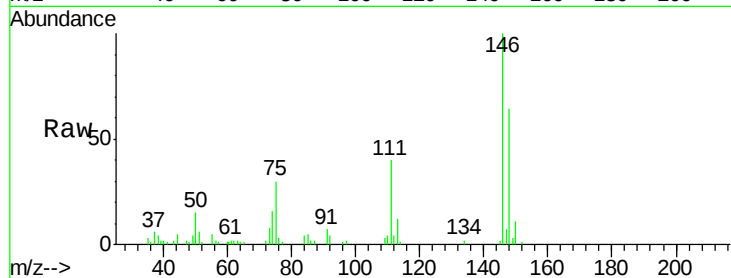
Tot Ion:146 Resp: 8376

Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.7

148 64.8 32.0 96.2



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

