

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001432.D
 Acq On : 05 May 2018 21:28
 Operator : JC/MD
 Sample : J2706-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 003

Quant Time: May 06 08:23:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

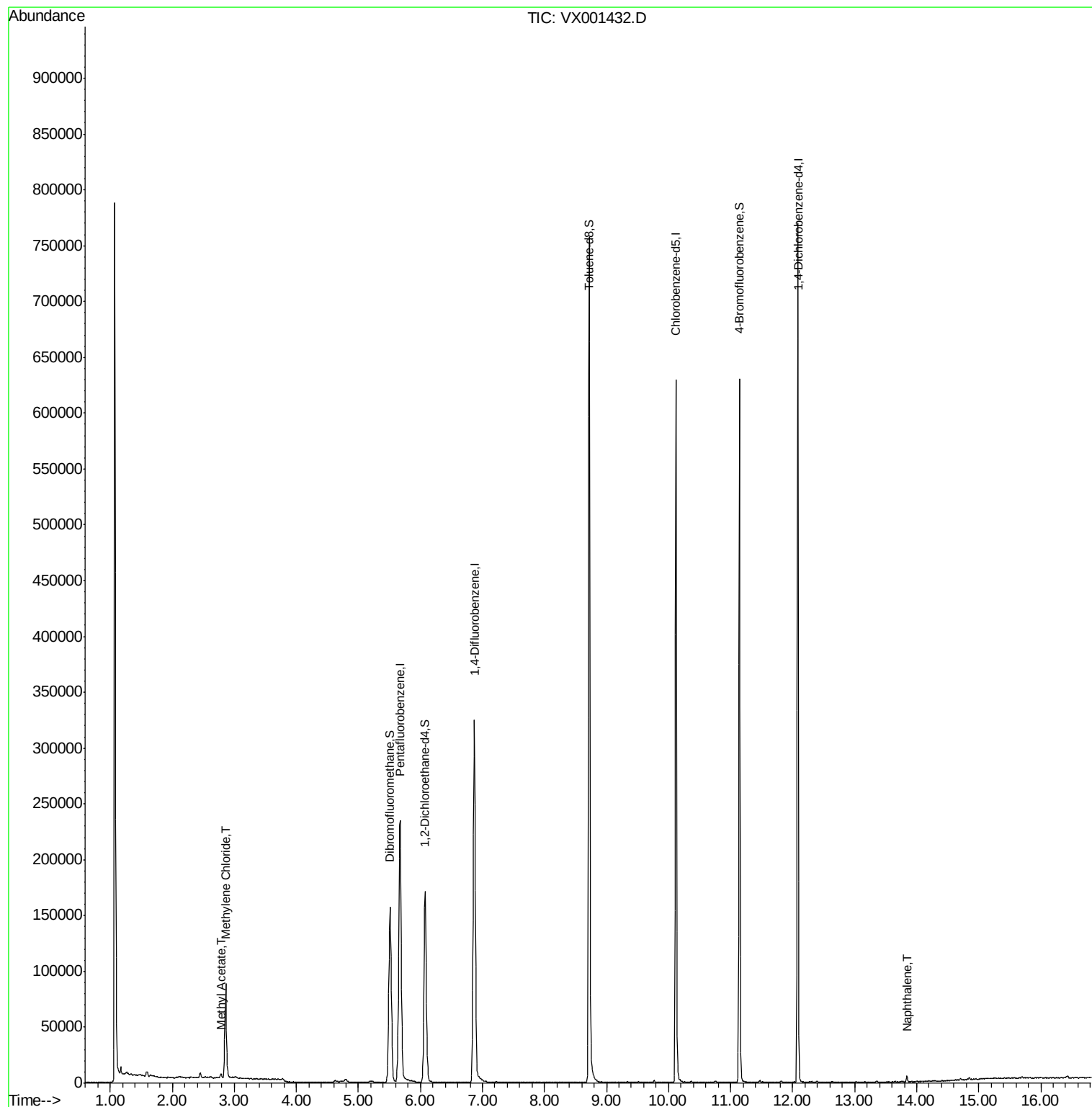
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163477	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
35) Dibromofluoromethane	5.51	113	127018	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
50) Toluene-d8	8.72	98	454671	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
62) 4-Bromofluorobenzene	11.14	95	153744	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.34%	
Target Compounds						
18) Methyl Acetate	2.78	43	4090	0.963	ug/l	98
20) Methylene Chloride	2.86	84	39596	12.371	ug/l	97
95) Naphthalene	13.84	128	3273	0.265	ug/l #	93

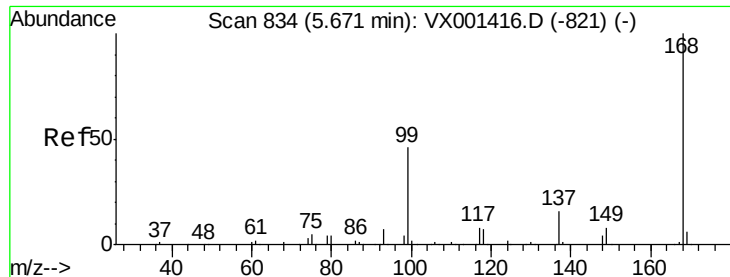
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

ClientSampled :

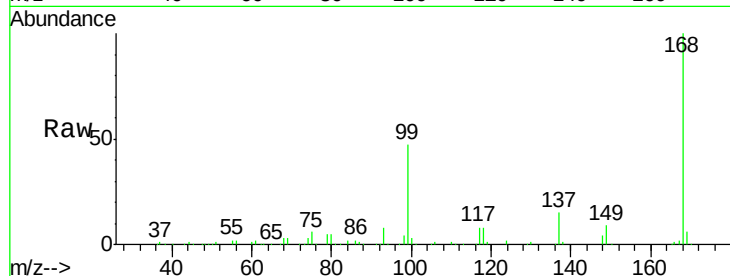
003

Tot Ion:168 Resp: 247688

Ion Ratio Lower Upper

168 100

99 47.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

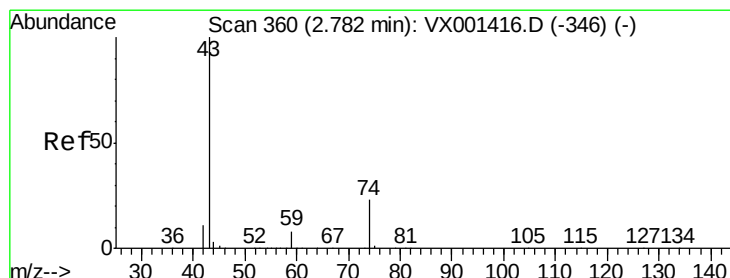
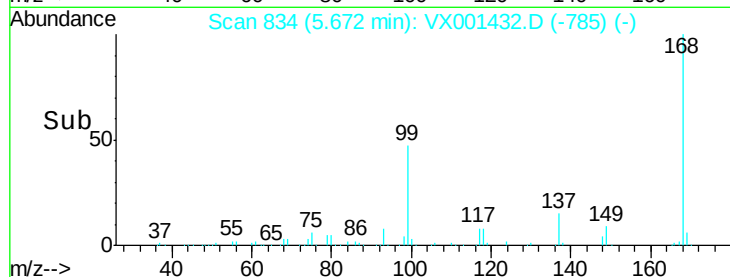
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 0.963 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001432.D

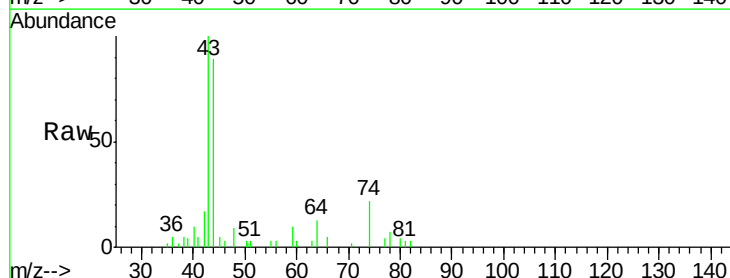
Acq: 05 May 2018 21:28

Tgt Ion: 43 Resp: 4090

Ion Ratio Lower Upper

43 100

74 22.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

2500

2000

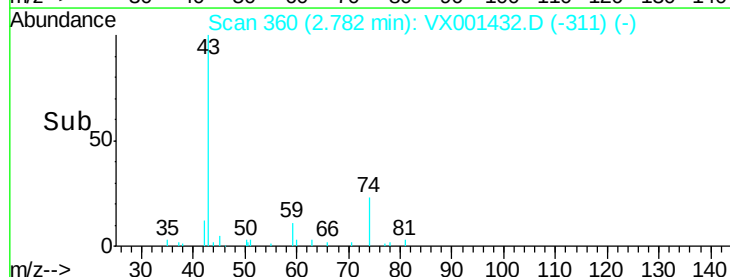
1500

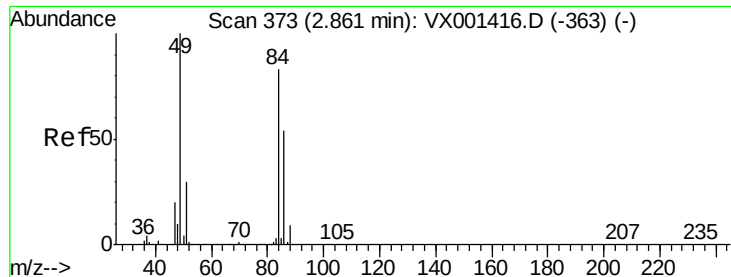
1000

500

0

Time--> 2.70 2.75 2.80 2.85





#20

Methylene Chloride

Concen: 12.371 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

003

Tot Ion: 84 Resp: 39596

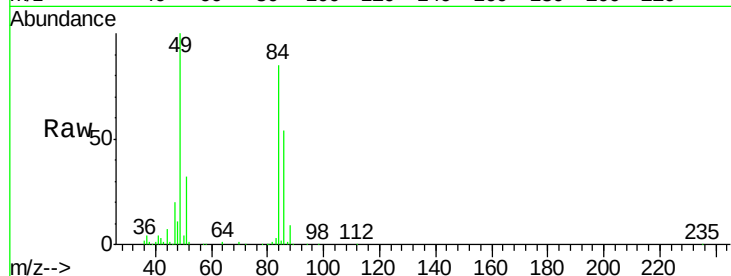
Ion	Ratio	Lower	Upper
84	100		
49	117.6	96.6	144.8
51	37.7	29.0	43.4
86	63.0	52.2	78.4

84 100

49 117.6 96.6 144.8

51 37.7 29.0 43.4

86 63.0 52.2 78.4



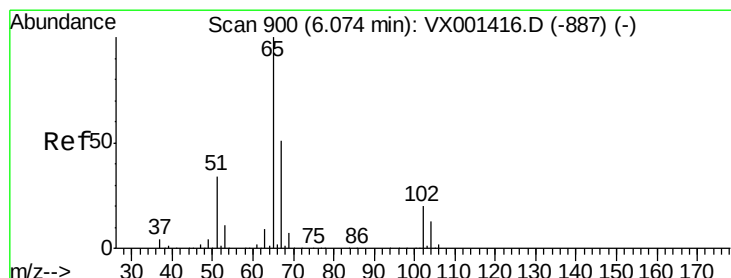
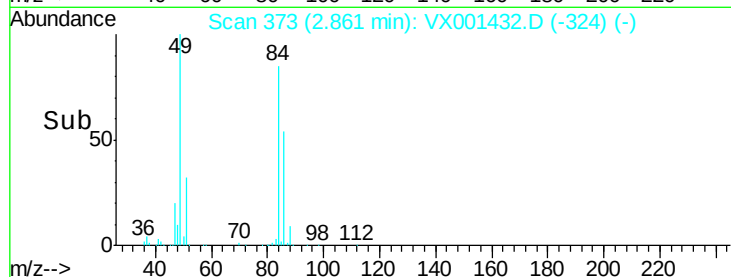
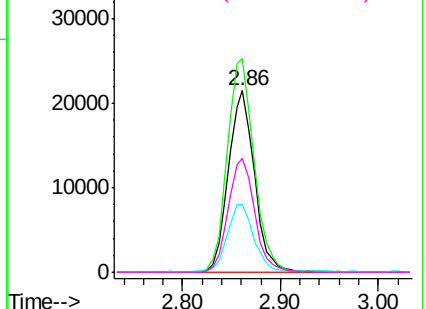
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.920 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001432.D

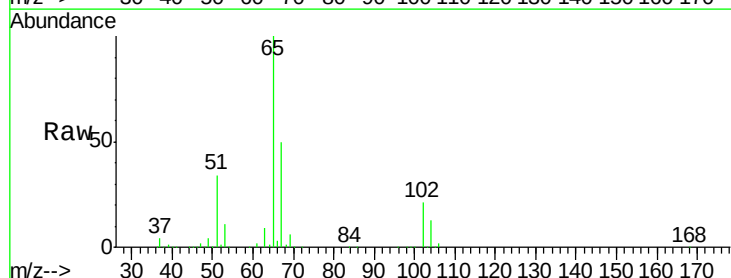
Acq: 05 May 2018 21:28

Tgt Ion: 65 Resp: 163477

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.8

65 100

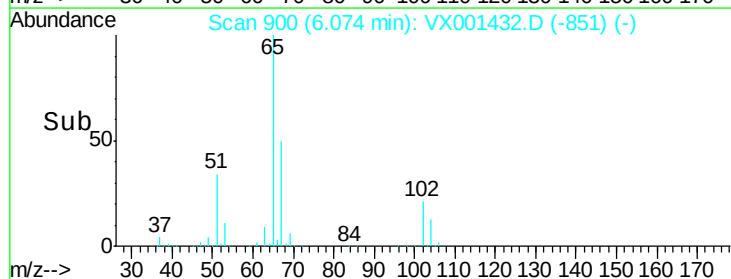
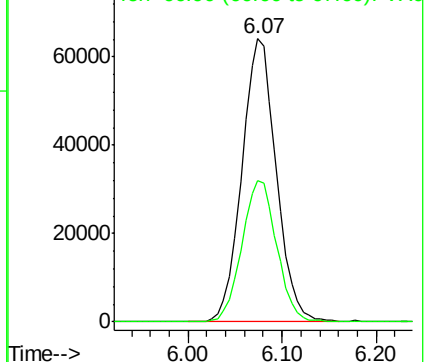
67 50.7 0.0 101.8

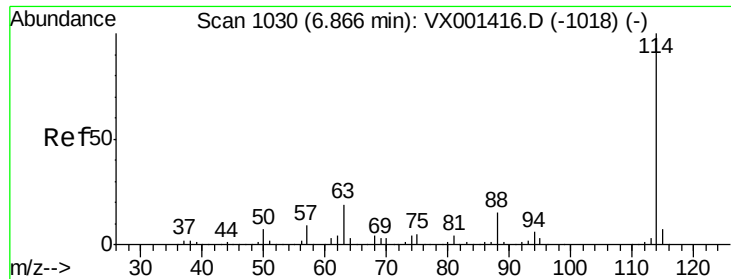


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

ClientSampleId :

003

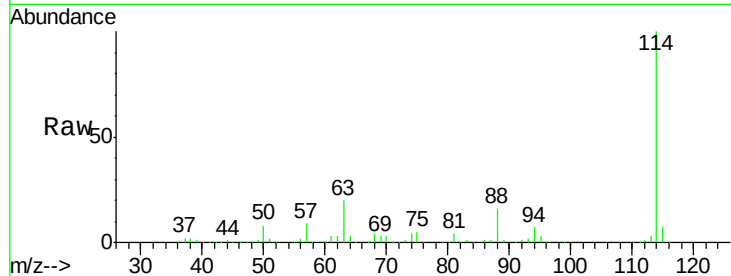
Tot Ion:114 Resp: 336425

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

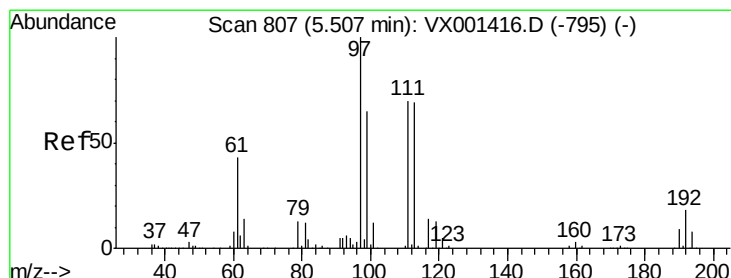
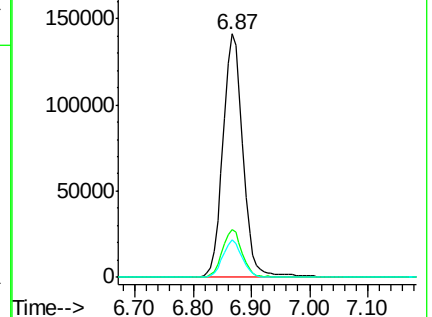
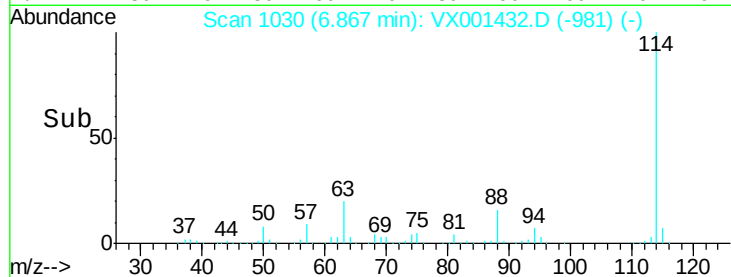
88 15.7 0.0 30.8



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: 42.446 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

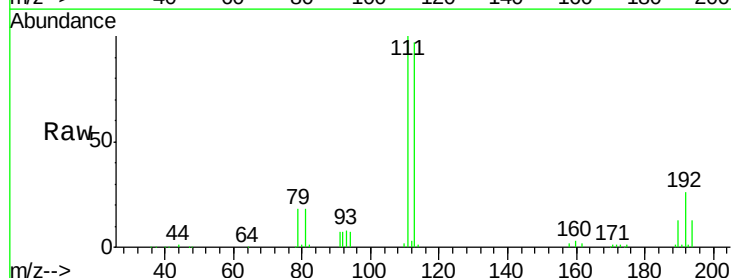
Tgt Ion:113 Resp: 127018

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

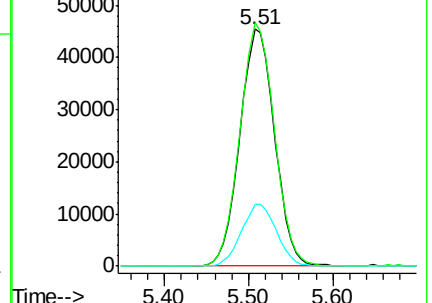
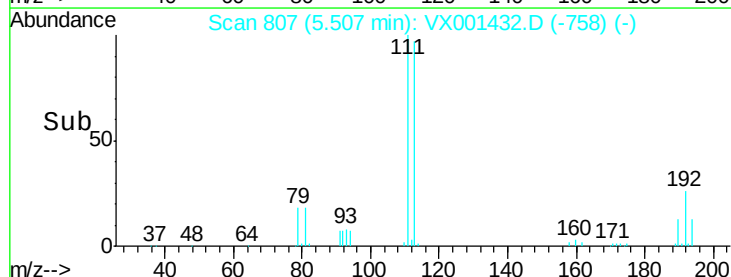
192 26.3 21.4 32.0

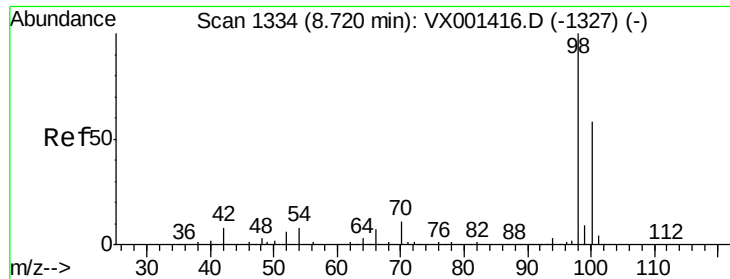


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.625 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

Instrument :

MSVOA_X

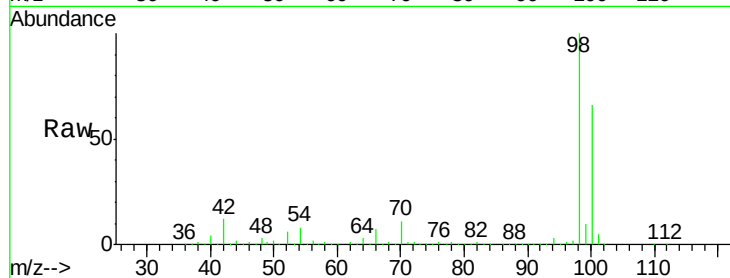
ClientSampleId :
003

Tot Ion: 98 Resp: 454671

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

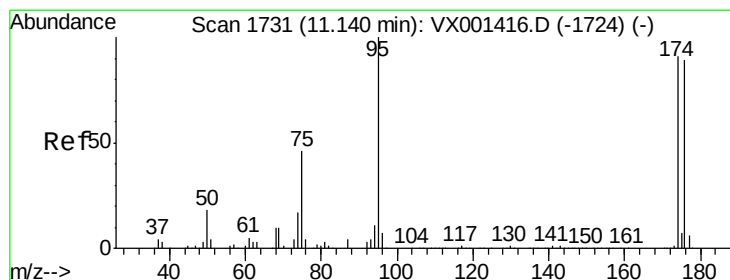
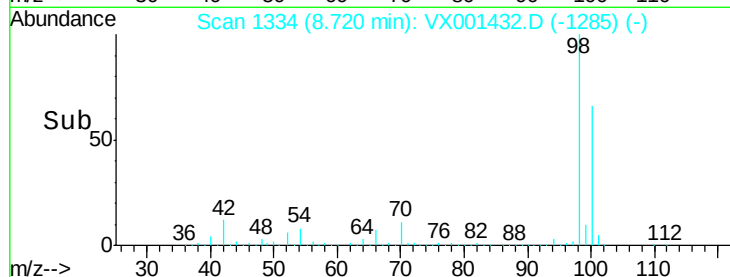
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.666 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001432.D

Acq: 05 May 2018 21:28

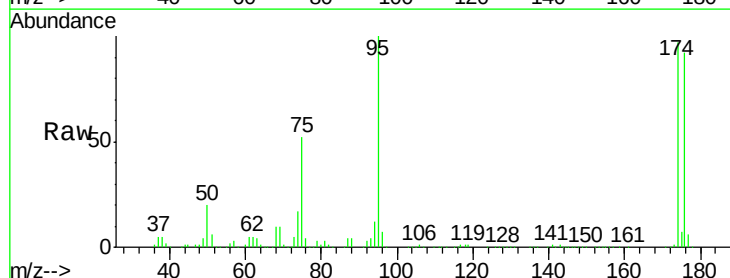
Tgt Ion: 95 Resp: 153744

Ion Ratio Lower Upper

95 100

174 101.0 0.0 202.0

176 97.6 0.0 197.4



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

11.14

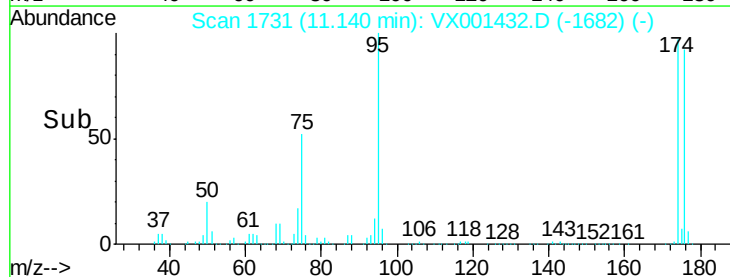
150000

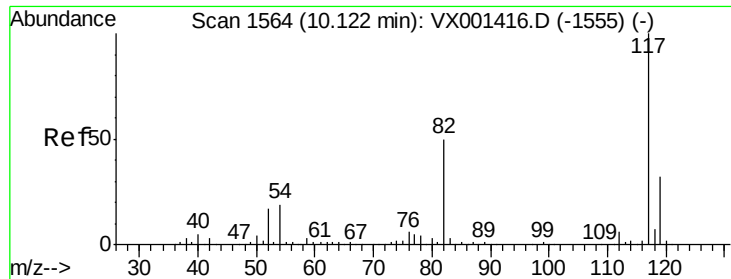
100000

50000

0

Time-->

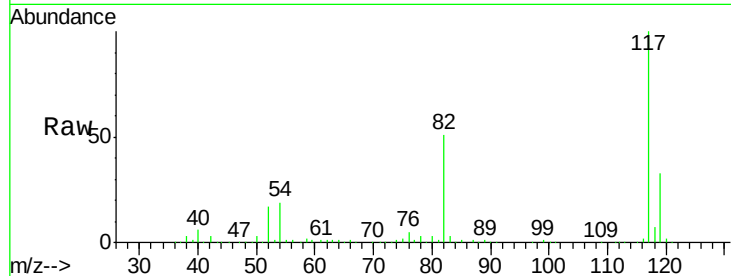




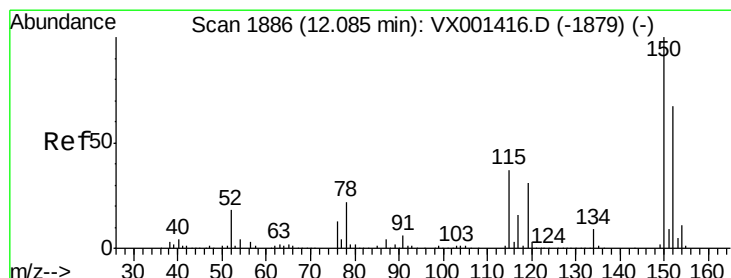
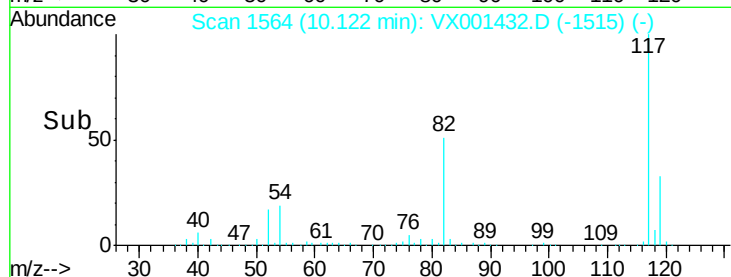
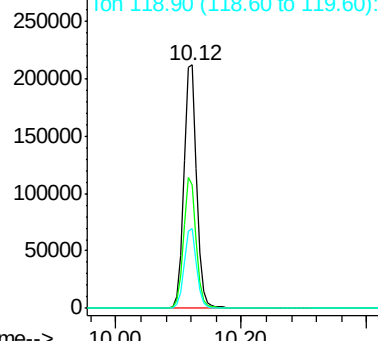
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Instrument :
MSVOA_X
ClientSampled :
003

Tot Ion:117 Resp: 296782
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 32.5 25.8 38.8

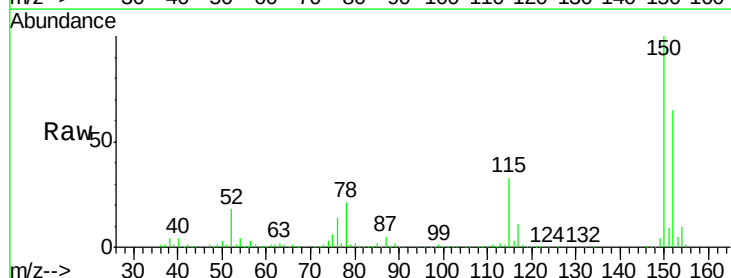


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

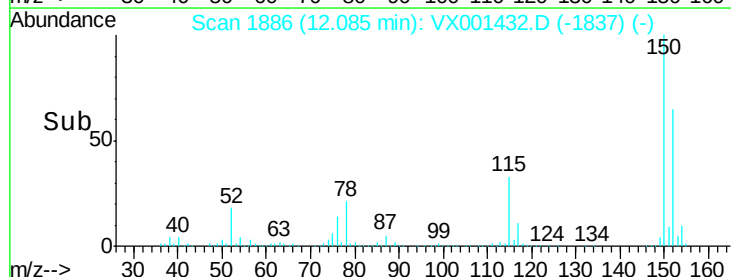
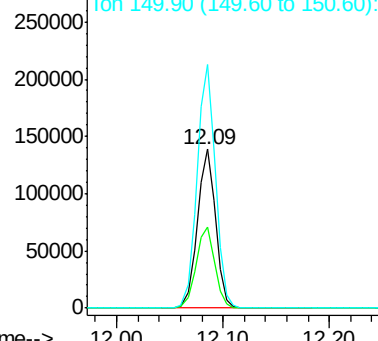


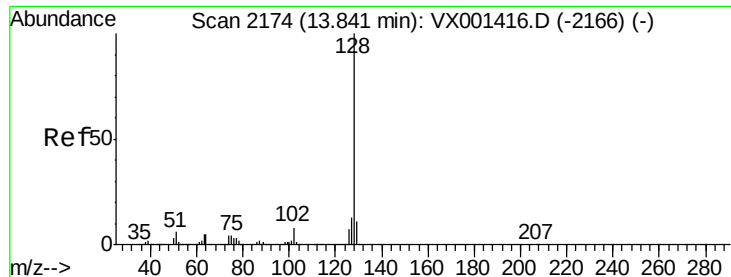
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Tgt Ion:152 Resp: 166653
Ion Ratio Lower Upper
152 100
115 52.2 37.7 113.1
150 154.2 0.0 349.4



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

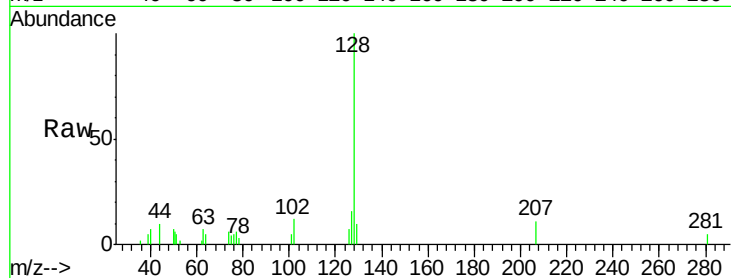




#95
Naphthalene
Concen: 0.265 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001432.D
Acq: 05 May 2018 21:28

Instrument :
MSVOA_X
ClientSampleId :
003

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.4	15.6#
129	12.2	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

