

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003186.D
 Acq On : 05 Jul 2018 21:27
 Operator : JC/MD
 Sample : J3852-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-CON

Quant Time: Jul 06 01:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207125	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	178424	46.00	ug/l	0.00
Spiked Amount			Recovery	=	92.00%	
35) Dibromofluoromethane	5.51	113	149173	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	8.72	98	541501	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.14	95	190922	44.01	ug/l	0.00
Spiked Amount			Recovery	=	88.02%	

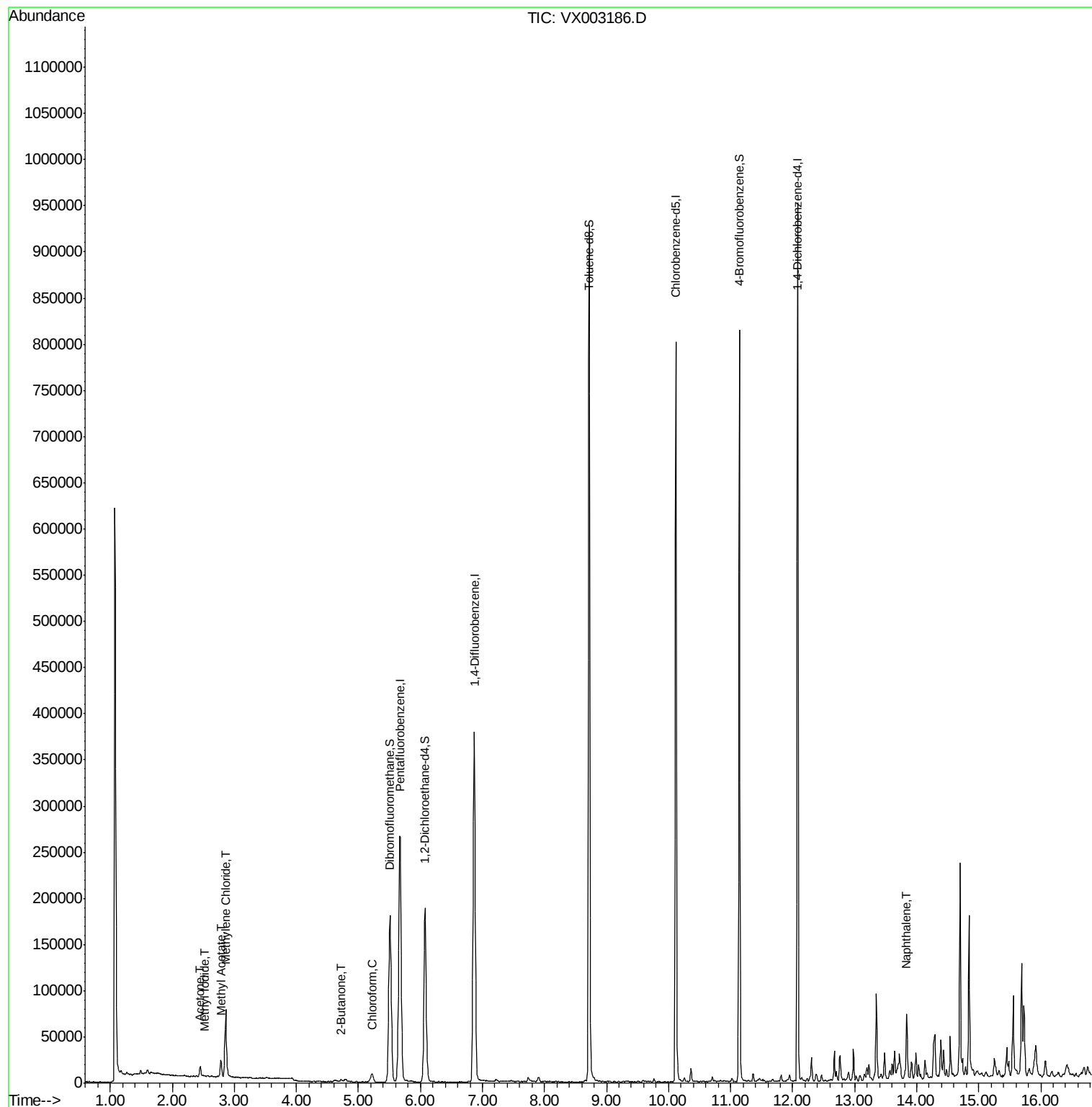
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1452	6.63	ug/l #	83
16) Acetone	2.45	43	11901	7.41	ug/l #	89
18) Methyl Acetate	2.78	43	22396	4.99	ug/l	100
20) Methylene Chloride	2.86	84	33833	10.82	ug/l	94
25) 2-Butanone	4.71	43	3536	1.48	ug/l #	67
30) Chloroform	5.22	83	9344	1.61	ug/l	94
95) Naphthalene	13.83	128	44168	3.12	ug/l #	95

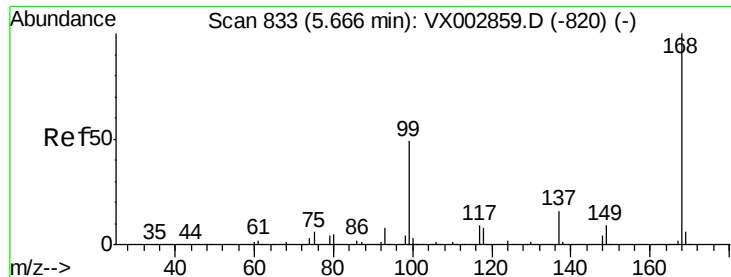
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

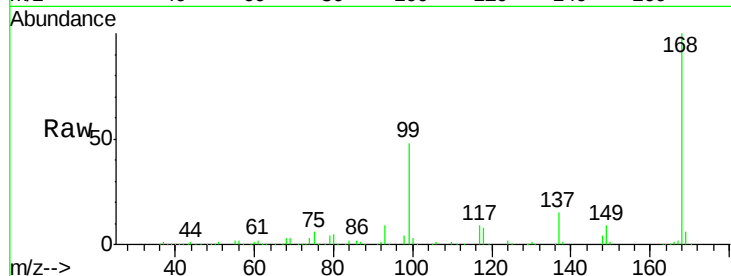
HC-CON

Tot Ion:168 Resp: 280618

Ion Ratio Lower Upper

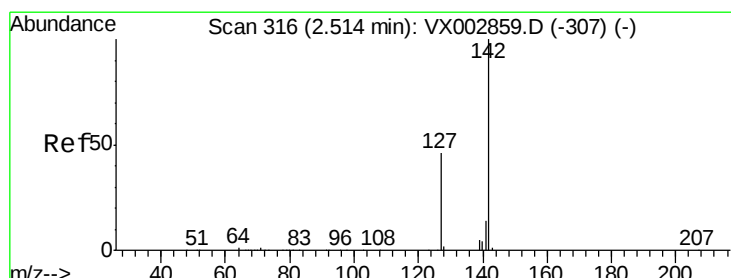
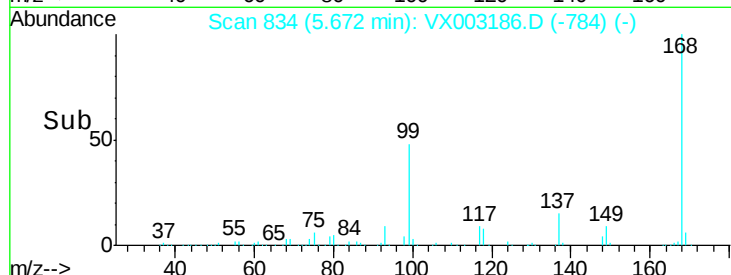
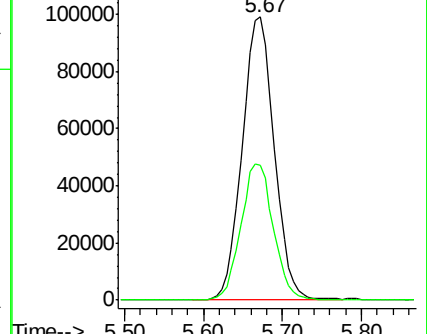
168 100

99 47.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.63 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

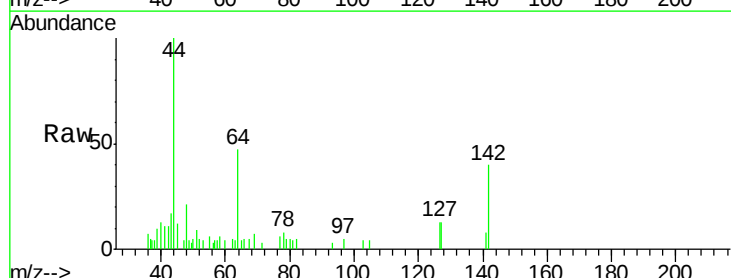
Tgt Ion:142 Resp: 1452

Ion Ratio Lower Upper

142 100

127 56.7 36.6 55.0#

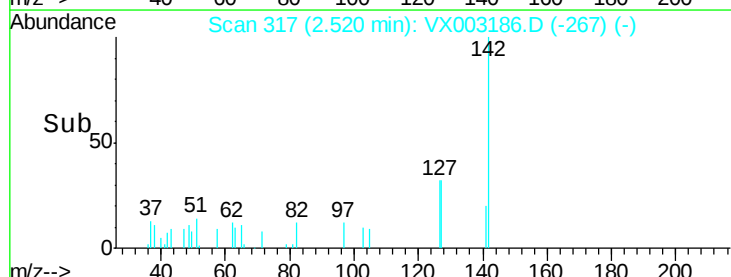
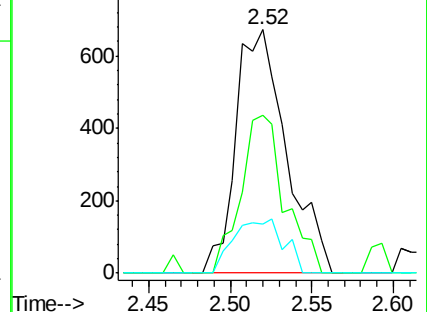
141 21.8 11.3 16.9#

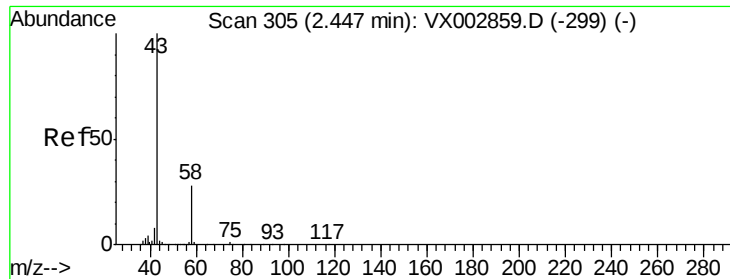


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 7.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

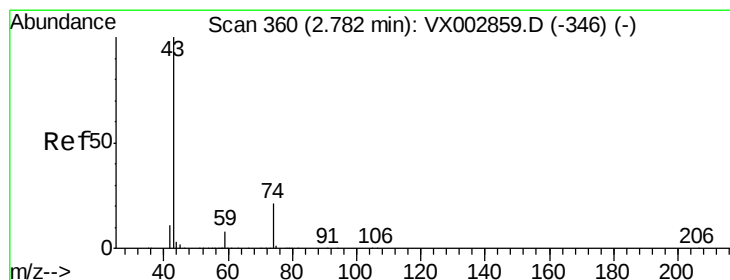
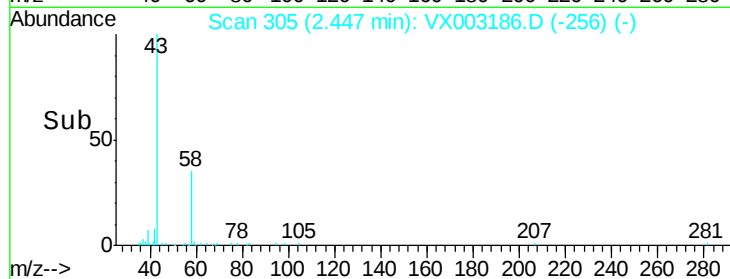
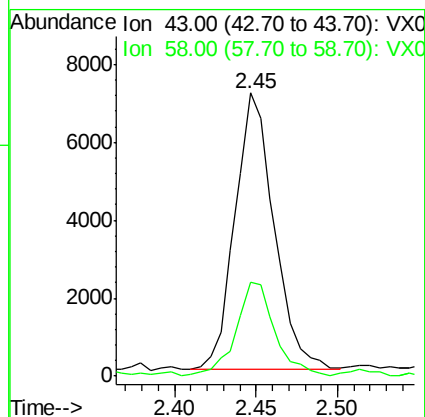
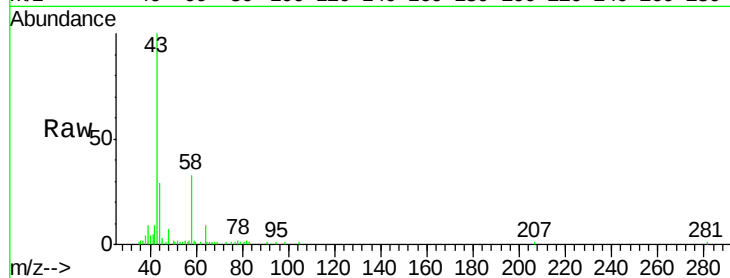
HC-CON

Tot Ion: 43 Resp: 11901

Ion Ratio Lower Upper

43 100

58 33.4 22.1 33.1#



#18

Methyl Acetate

Concen: 4.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003186.D

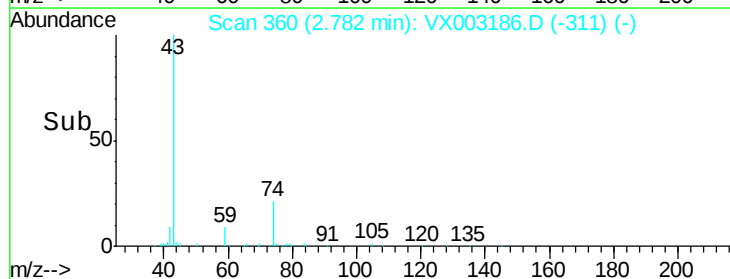
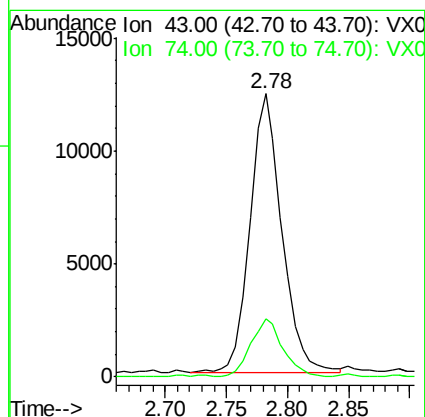
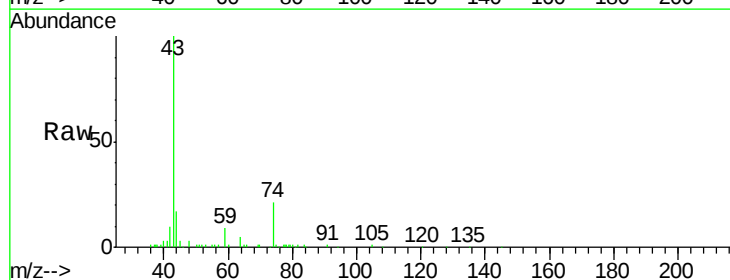
Acq: 05 Jul 2018 21:27

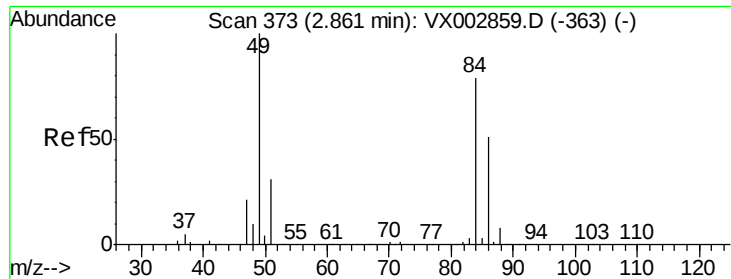
Tgt Ion: 43 Resp: 22396

Ion Ratio Lower Upper

43 100

74 21.1 16.7 25.1

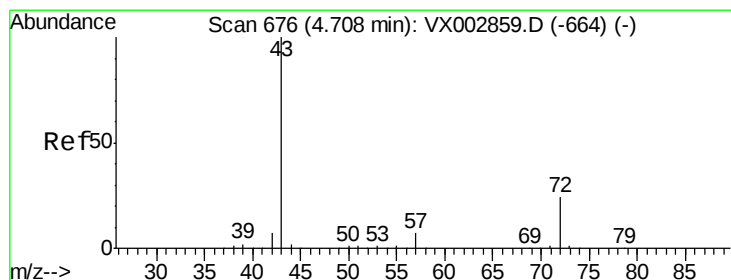
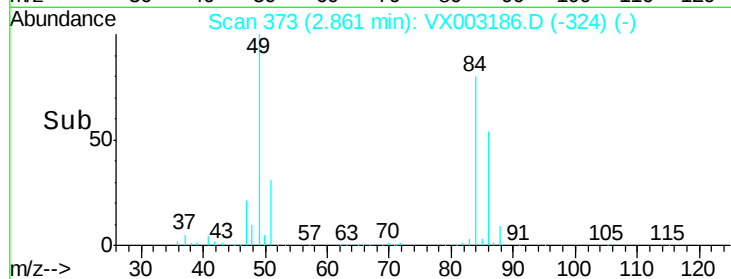
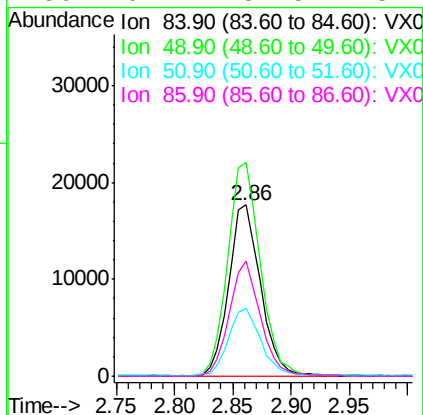
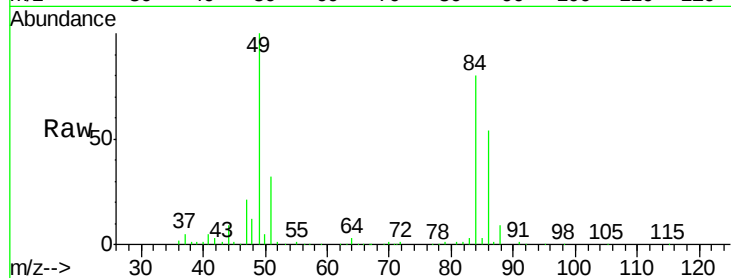




#20
Methvlene Chloride
Concen: 10.82 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

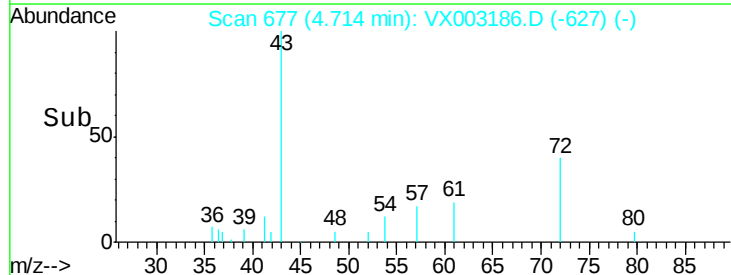
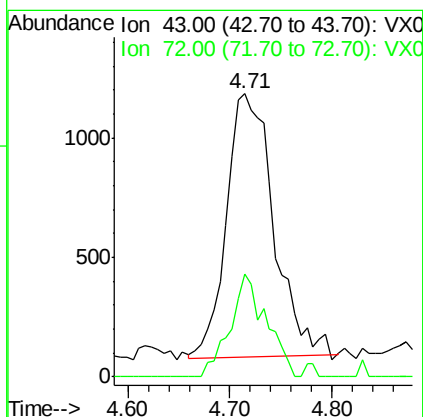
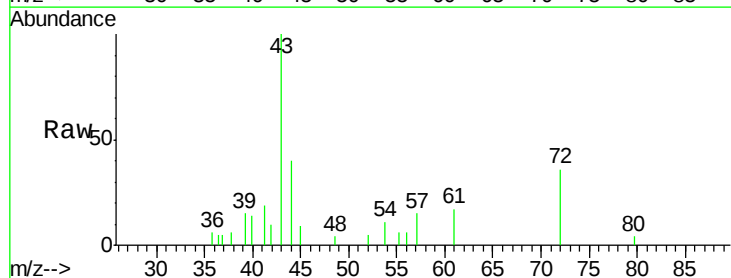
Instrument :
MSVOA_X
ClientSampleId :
HC-CON

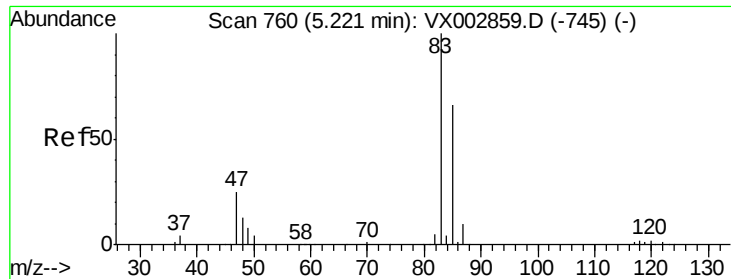
Tot Ion: 84 Resp: 33833
Ion Ratio Lower Upper
84 100
49 124.4 107.8 161.6
51 39.6 32.8 49.2
86 67.2 52.5 78.7



#25
2-Butanone
Concen: 1.48 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 43 Resp: 3536
Ion Ratio Lower Upper
43 100
72 39.2 18.5 27.7#

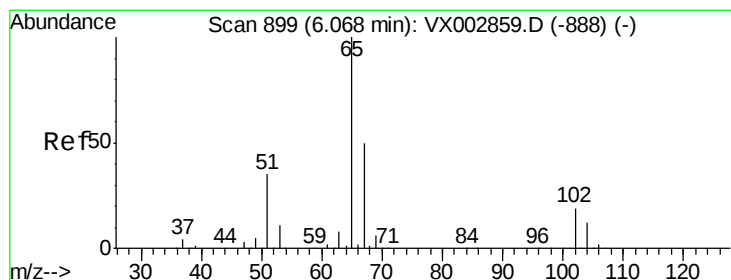
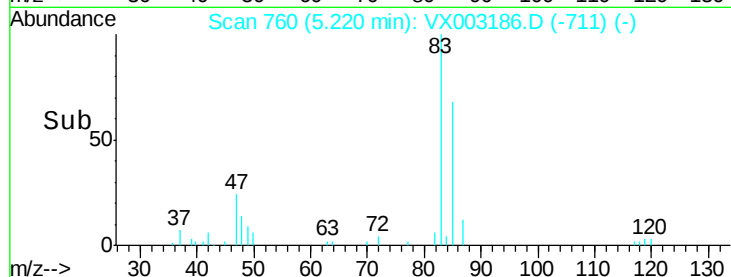
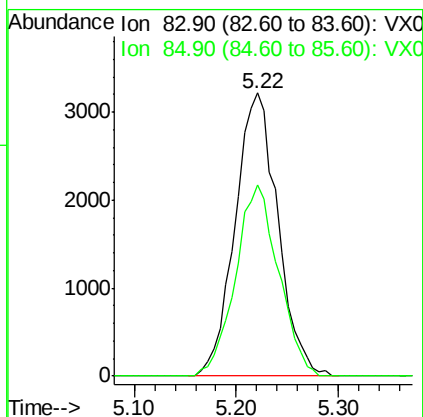
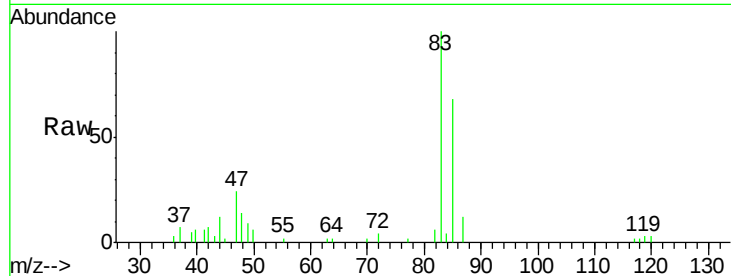




#30
Chloroform
Concen: 1.61 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

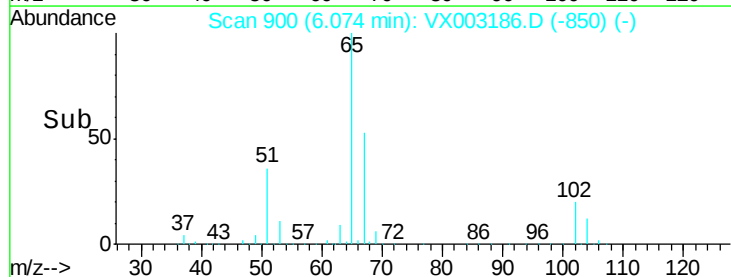
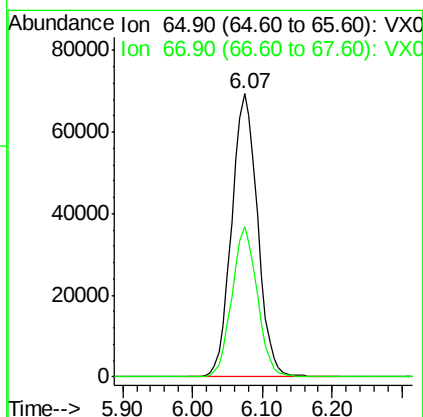
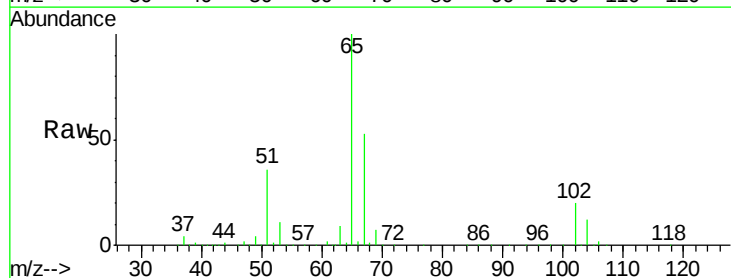
Instrument :
MSVOA_X
ClientSampleId :
HC-CON

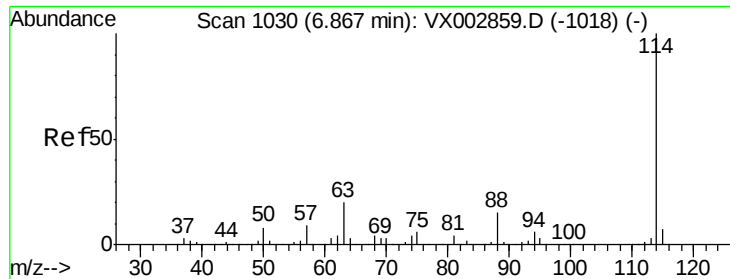
Tot Ion: 83 Resp: 9344
Ion Ratio Lower Upper
83 100
85 67.7 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 46.00 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 65 Resp: 178424
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

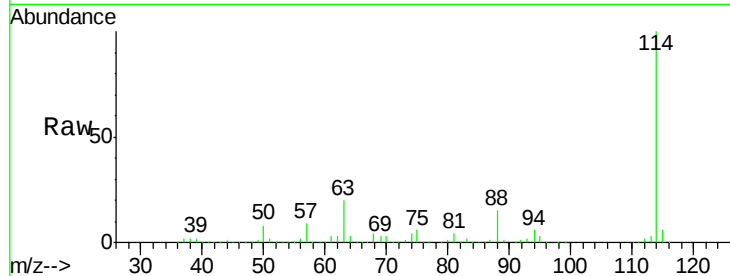
Tot Ion:114 Resp: 389019

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

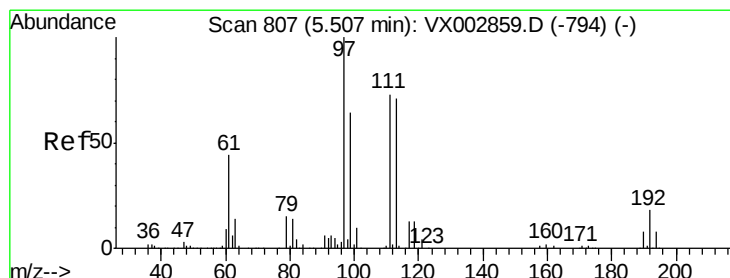
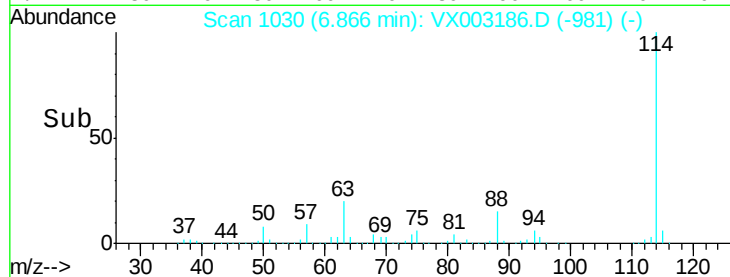
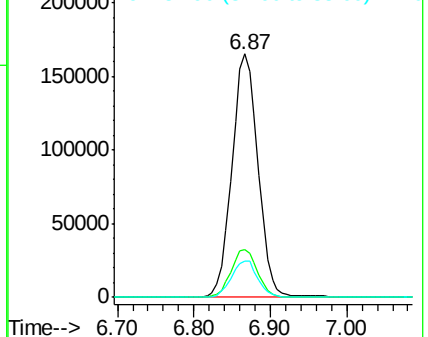
88 14.9 0.0 30.0



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: 48.42 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

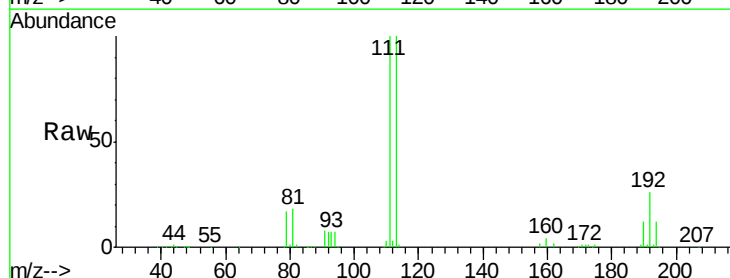
Tgt Ion:113 Resp: 149173

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

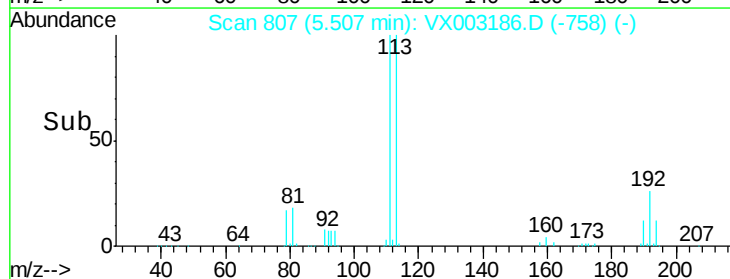
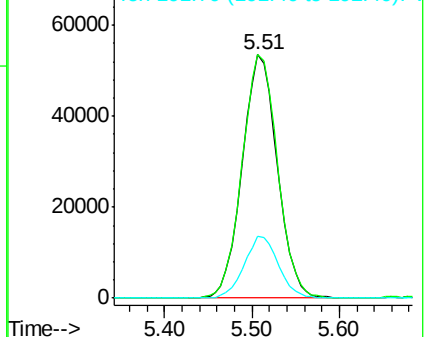
192 24.8 19.1 28.7

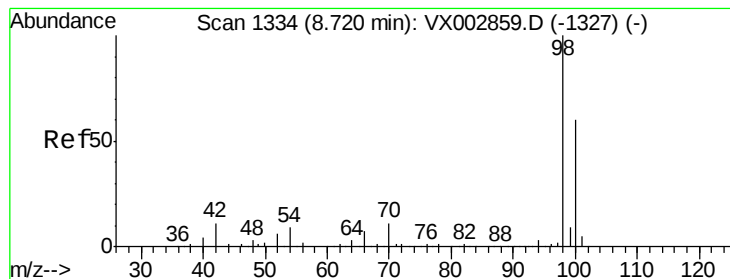


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

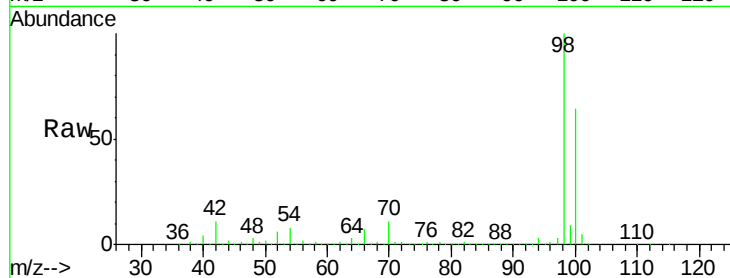
HC-CON

Tot Ion: 98 Resp: 541501

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

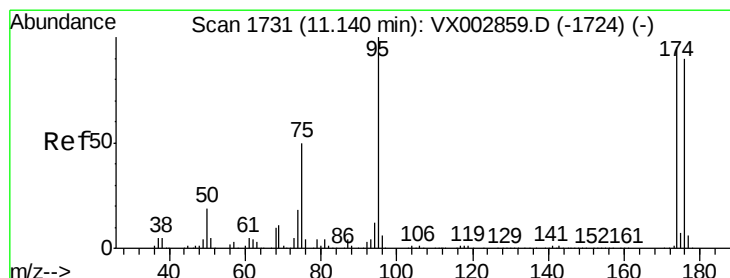
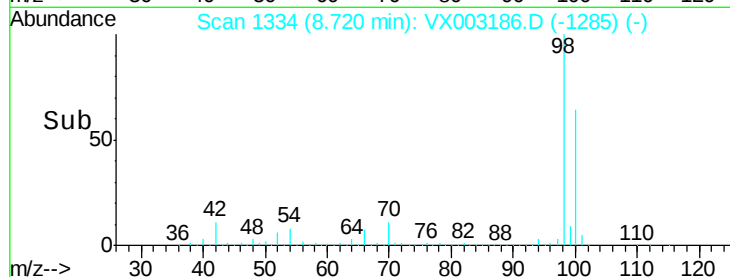
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

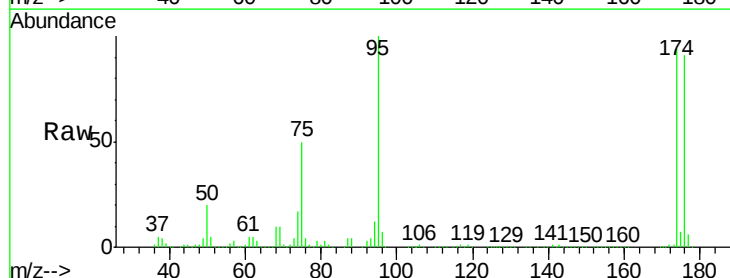
Tgt Ion: 95 Resp: 190922

Ion Ratio Lower Upper

95 100

174 99.9 0.0 187.4

176 97.0 0.0 181.0



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

200000

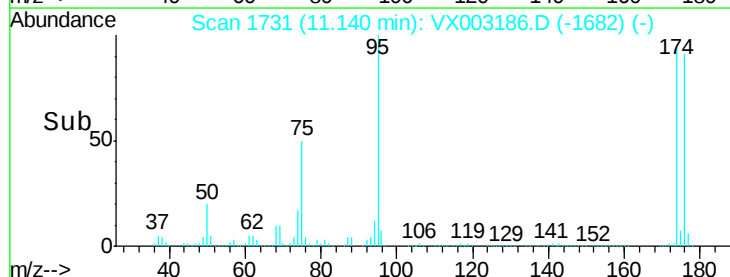
150000

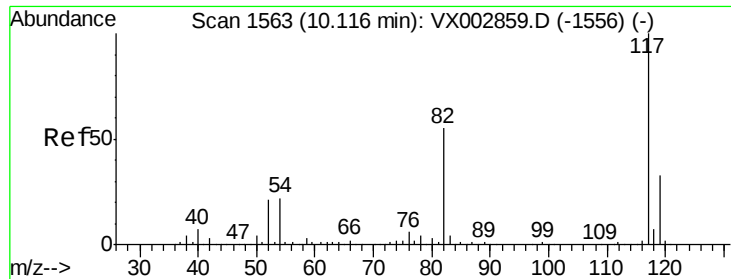
100000

50000

0

Time-->

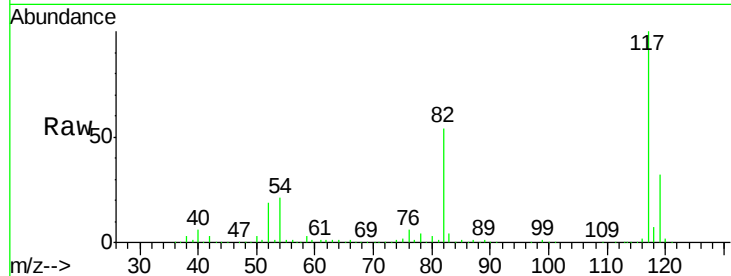




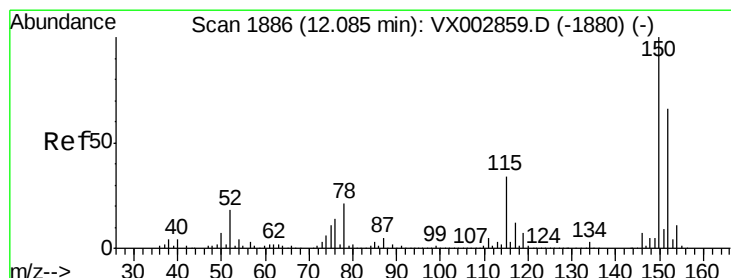
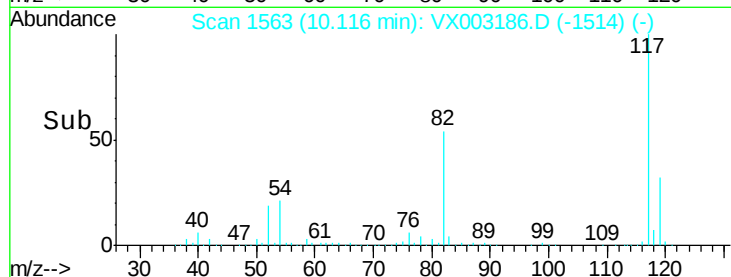
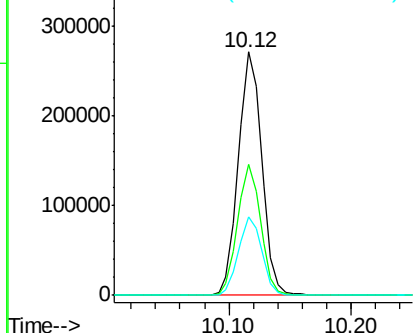
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Instrument :
MSVOA_X
ClientSampleId :
HC-CON

Tot Ion:117 Resp: 359598
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.1 25.8 38.6

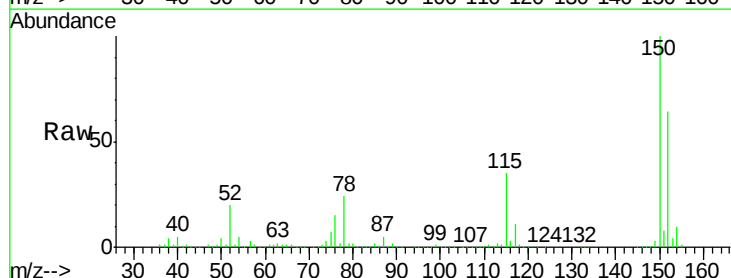


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

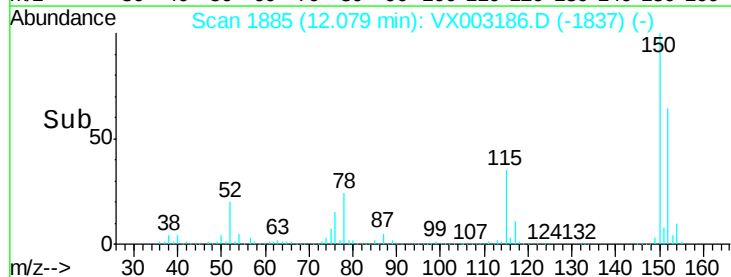
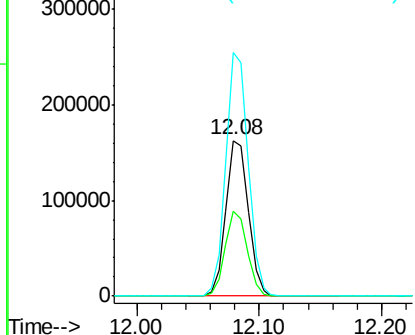


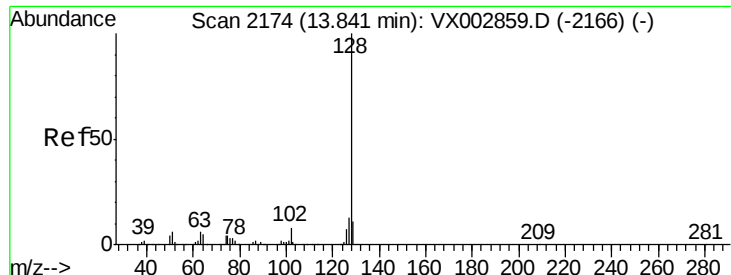
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003186.D
Acq: 05 Jul 2018 21:27

Tgt Ion:152 Resp: 207125
Ion Ratio Lower Upper
152 100
115 53.4 40.1 120.2
150 155.3 0.0 347.2



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: 3.12 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003186.D

Acq: 05 Jul 2018 21:27

Instrument :

MSVOA_X

ClientSampleId :

HC-CON

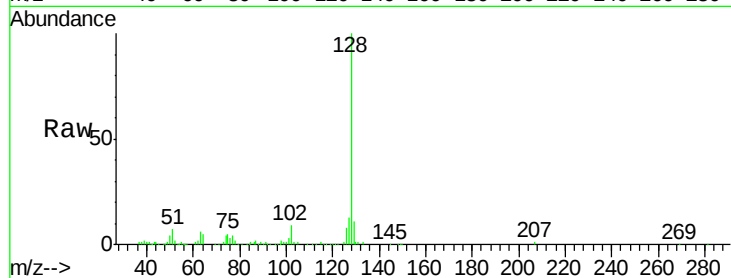
Tot Ion:128 Resp: 44168

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

129 13.3 8.6 13.0#



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

