

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003374.D
 Acq On : 13 Jul 2018 21:08
 Operator : JC/MD
 Sample : J3941-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SES-MS-PH4-COA-7-18

Quant Time: Jul 14 03:07:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

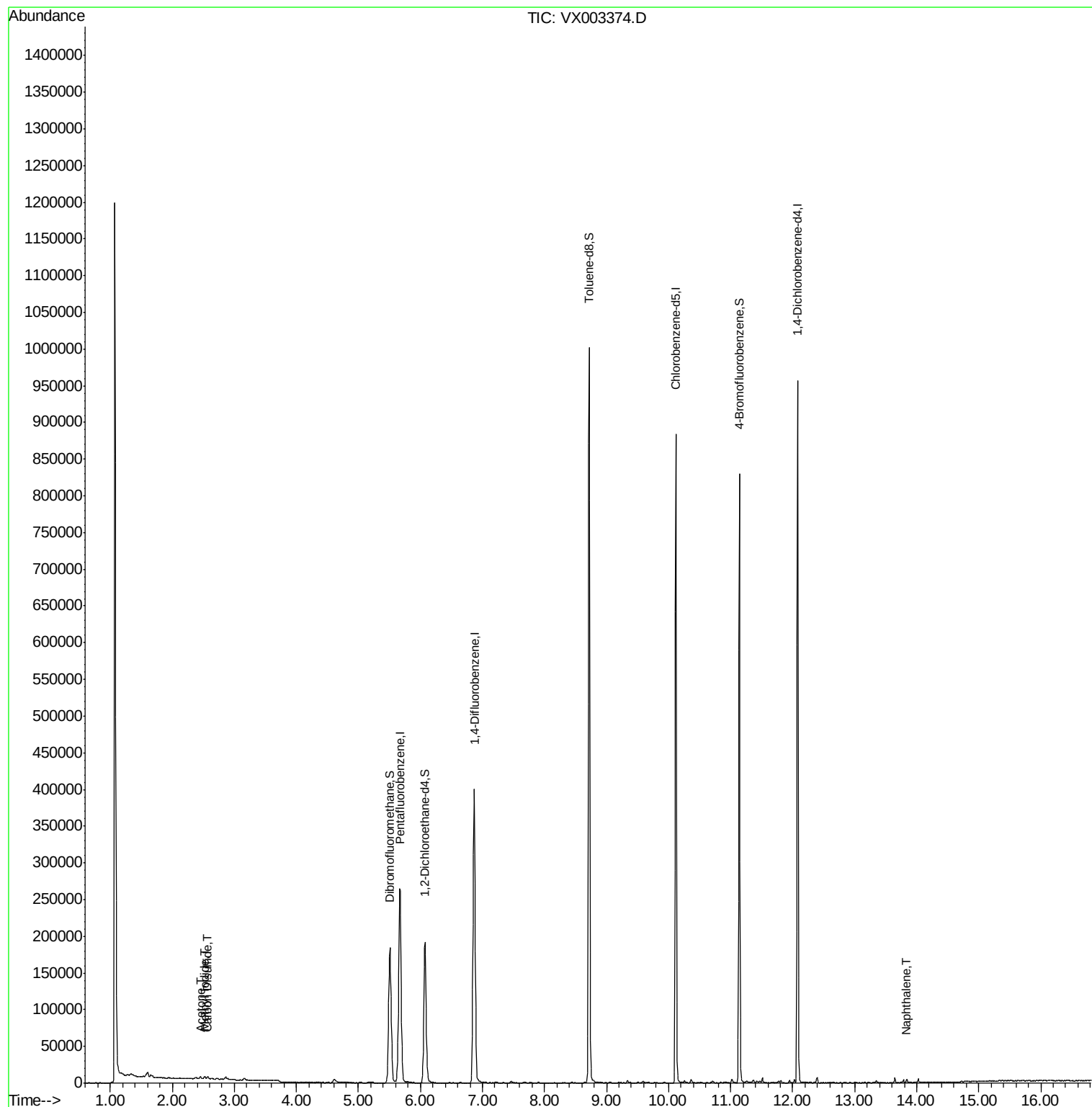
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	413610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207731	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181726	60.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.80%	
35) Dibromofluoromethane	5.51	113	157409	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	8.72	98	593815	59.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.60%	
62) 4-Bromofluorobenzene	11.14	95	202332	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
10) Methyl Iodide	2.52	142	4707	1.41	ug/l	98
16) Acetone	2.45	43	3128	2.03	ug/l	91
17) Carbon Disulfide	2.57	76	4255	0.57	ug/l #	79
95) Naphthalene	13.83	128	3002	0.21	ug/l	98

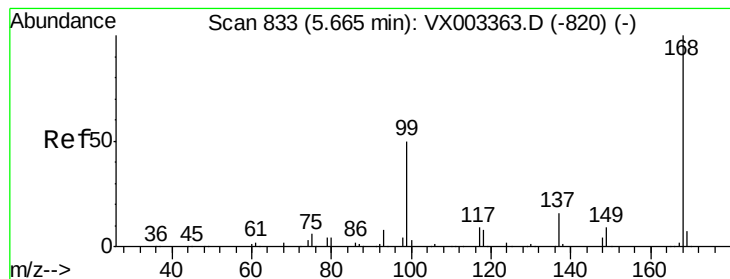
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 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: VX003374.D

Acq: 13 Jul 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

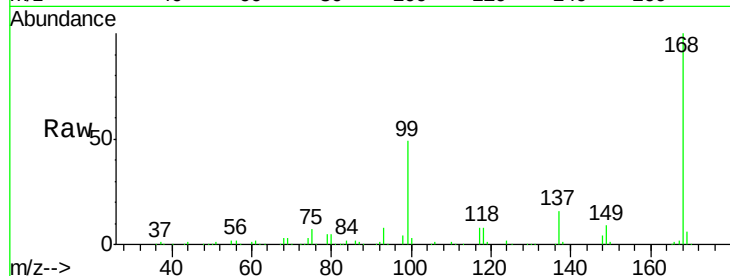
SES-MS-PH4-COA-7-18

Tot Ion:168 Resp: 274097

Ion Ratio Lower Upper

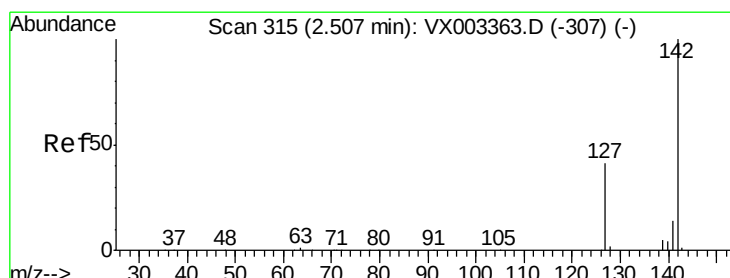
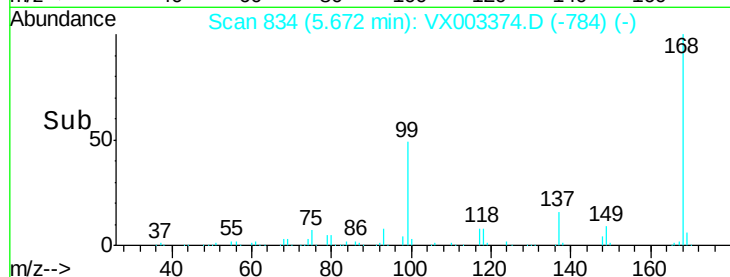
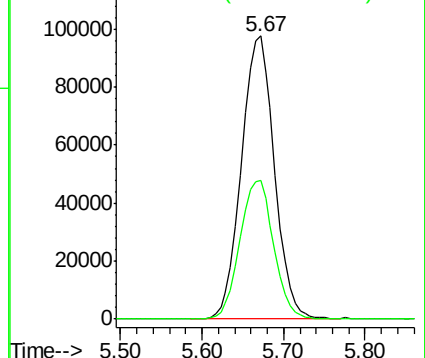
168 100

99 49.0 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: 1.41 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003374.D

Acq: 13 Jul 2018 21:08

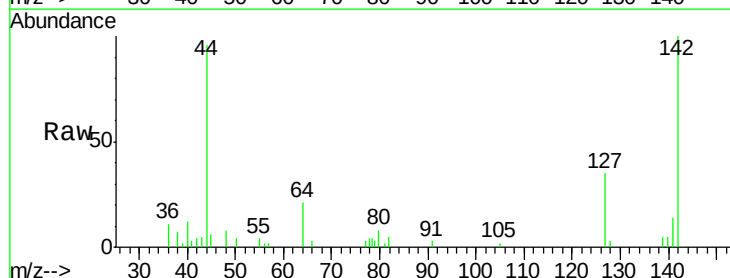
Tgt Ion:142 Resp: 4707

Ion Ratio Lower Upper

142 100

127 45.4 36.6 55.0

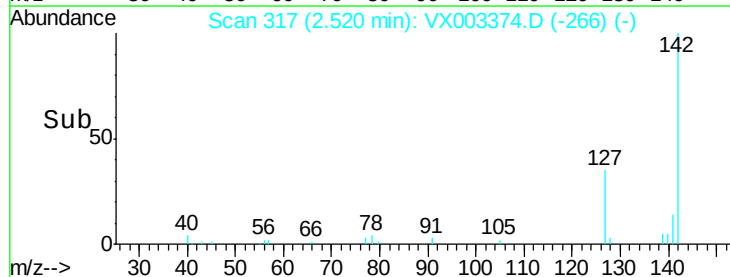
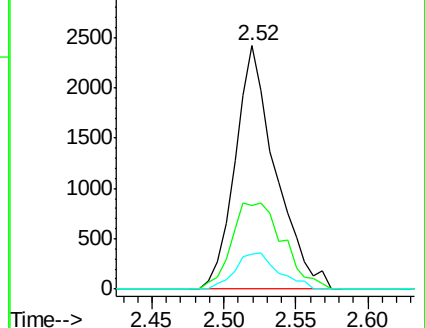
141 15.9 11.3 16.9

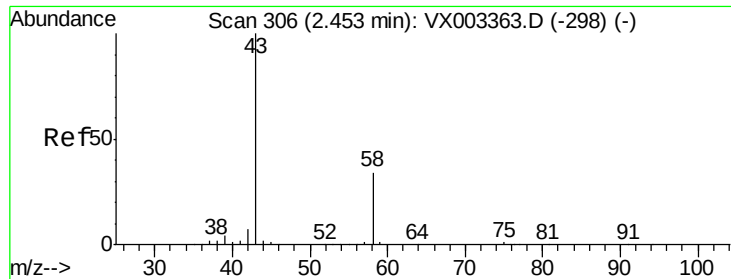


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 2.03 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003374.D

Acq: 13 Jul 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

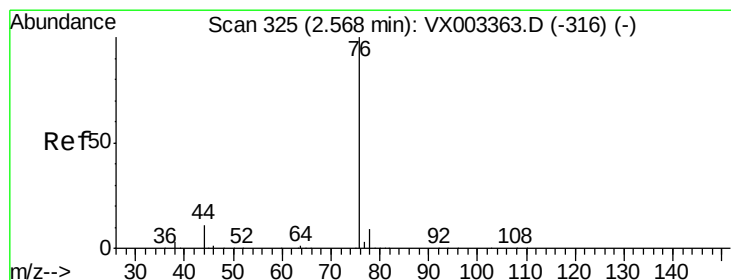
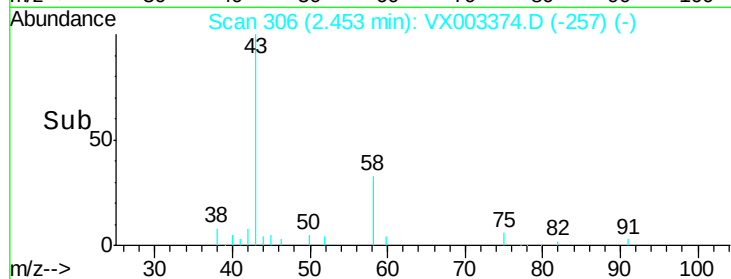
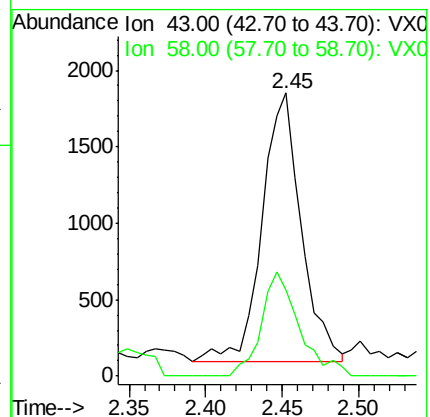
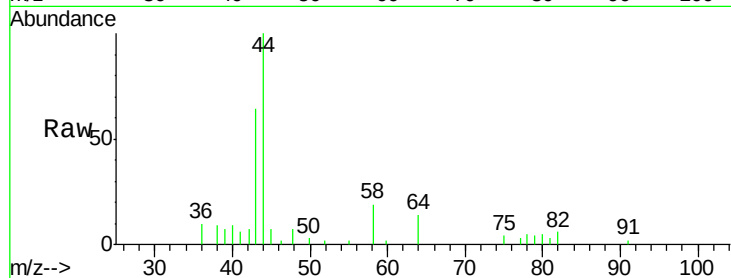
SES-MS-PH4-COA-7-18

Tot Ion: 43 Resp: 3128

Ion Ratio Lower Upper

43 100

58 32.2 22.1 33.1



#17

Carbon Disulfide

Concen: 0.57 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003374.D

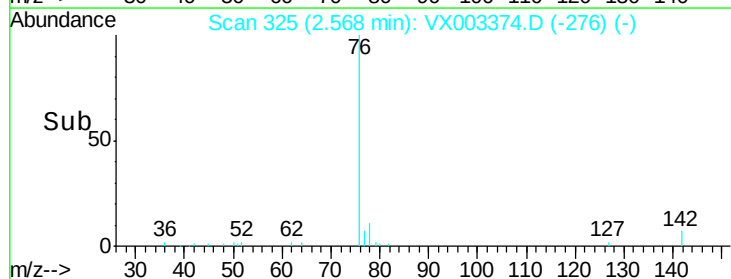
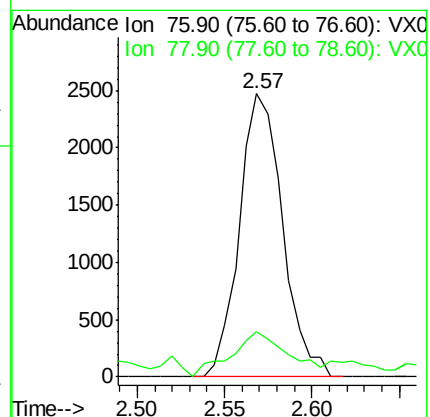
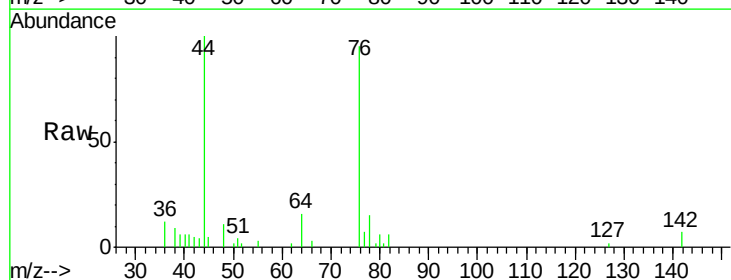
Acq: 13 Jul 2018 21:08

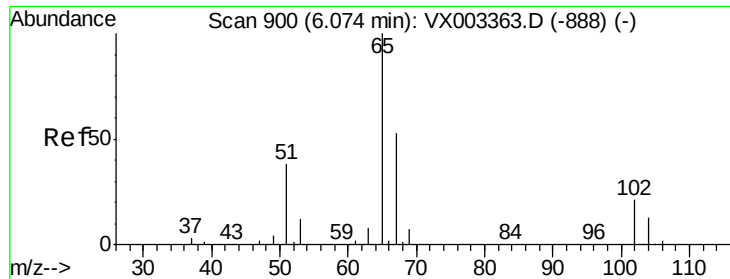
Tgt Ion: 76 Resp: 4255

Ion Ratio Lower Upper

76 100

78 16.0 6.9 10.3#

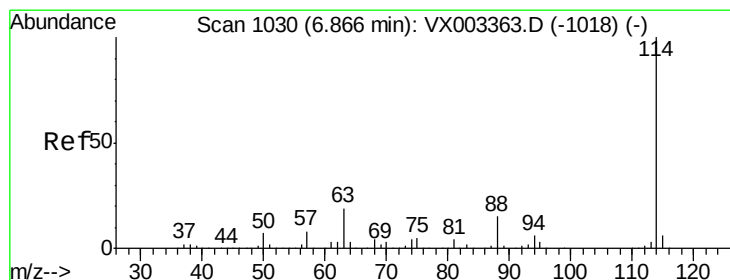
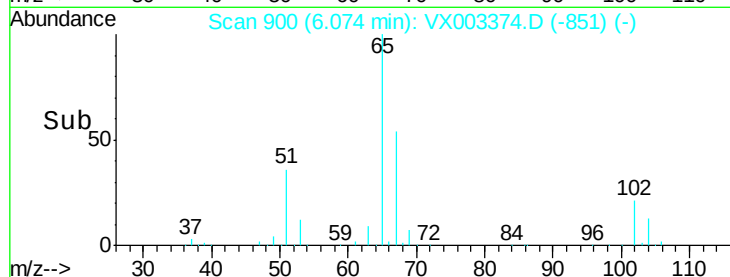
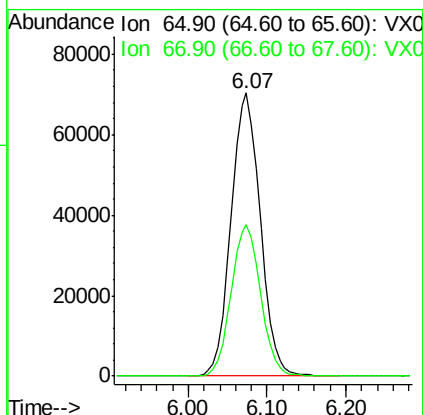
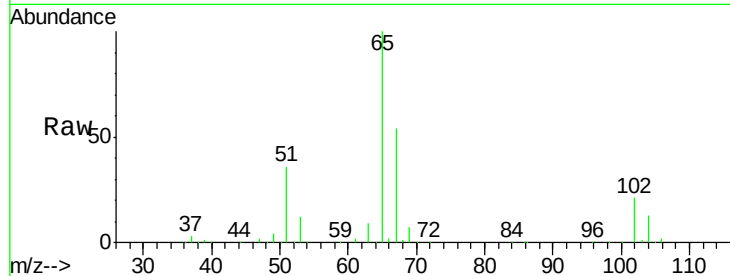




#33
 1,2-Dichloroethane-d4
 Concen: 60.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003374.D
 Acq: 13 Jul 2018 21:08

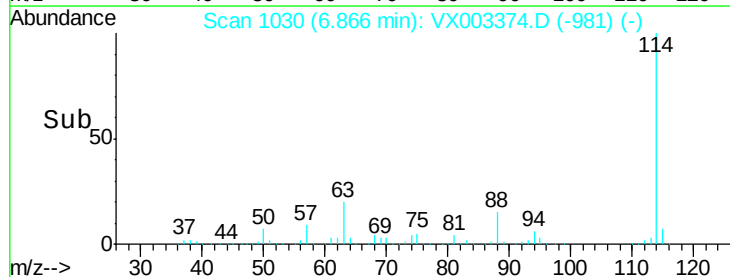
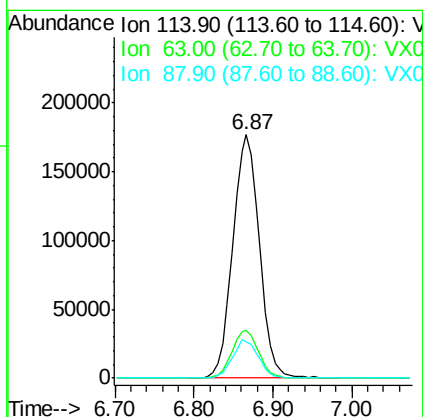
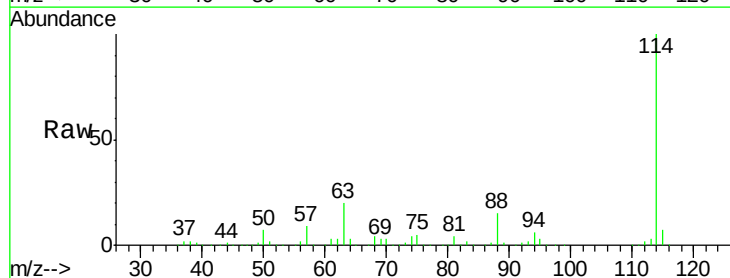
Instrument :
 MSVOA_X
 ClientSampleId :
 SES-MS-PH4-COA-7-18

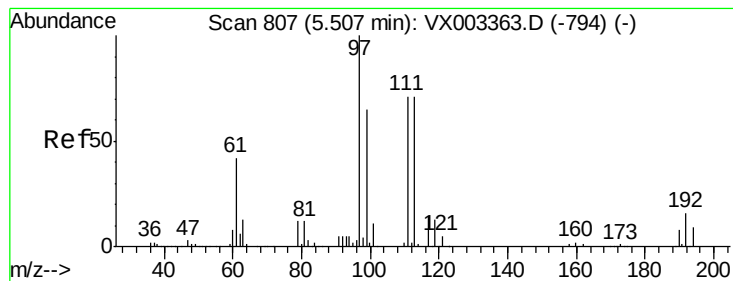
Tot Ion: 65 Resp: 181726
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003374.D
 Acq: 13 Jul 2018 21:08

Tgt Ion: 114 Resp: 413610
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.71 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003374.D

Acq: 13 Jul 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

SES-MS-PH4-COA-7-18

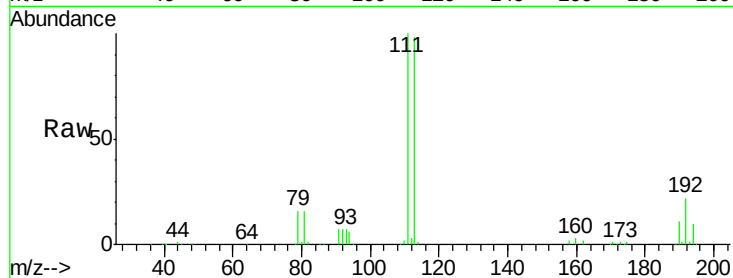
Tot Ion:113 Resp: 157409

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

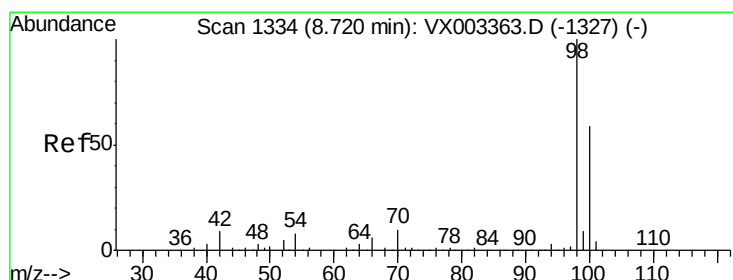
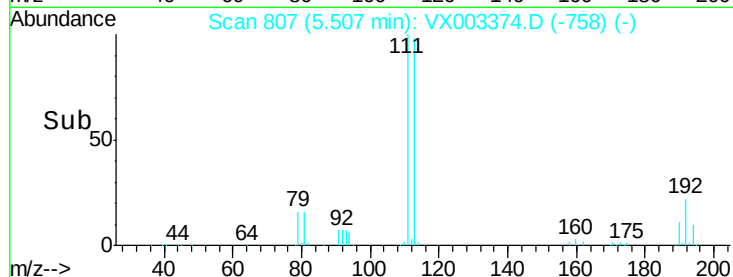
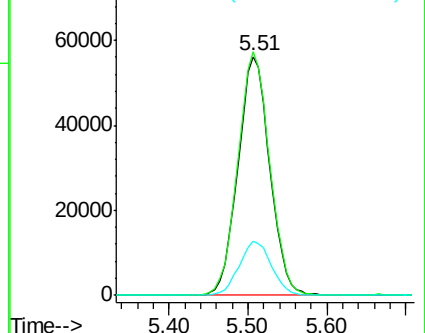
192 23.0 19.1 28.7



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: 59.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003374.D

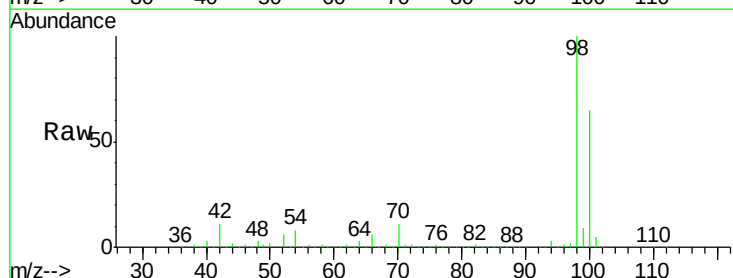
Acq: 13 Jul 2018 21:08

Tgt Ion: 98 Resp: 593815

Ion Ratio Lower Upper

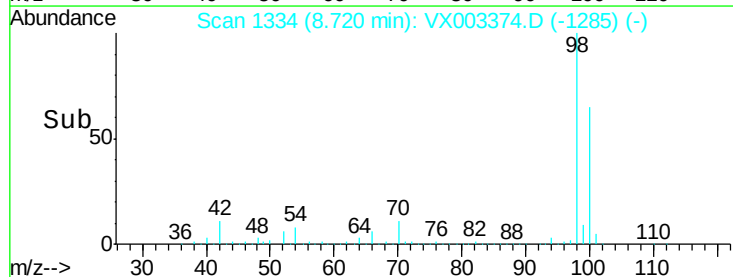
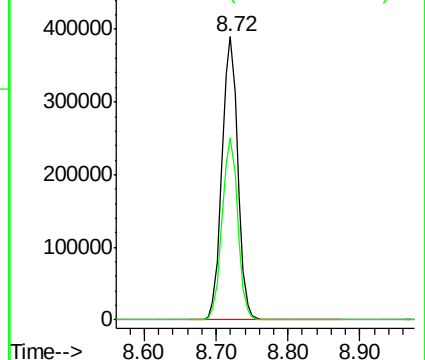
98 100

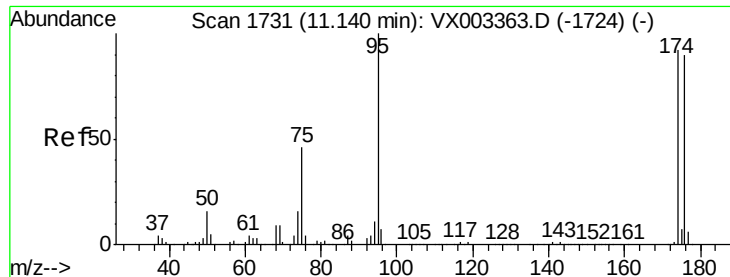
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003374.D

Acq: 13 Jul 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

SES-MS-PH4-COA-7-18

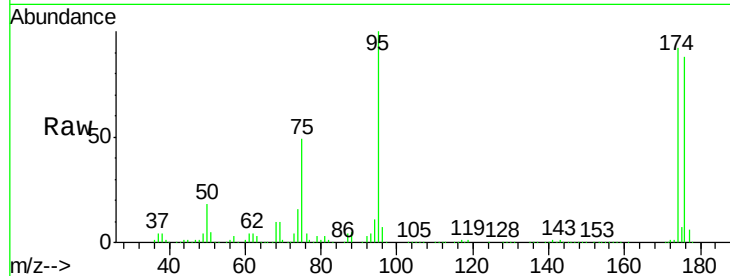
Tot Ion: 95 Resp: 202332

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.4

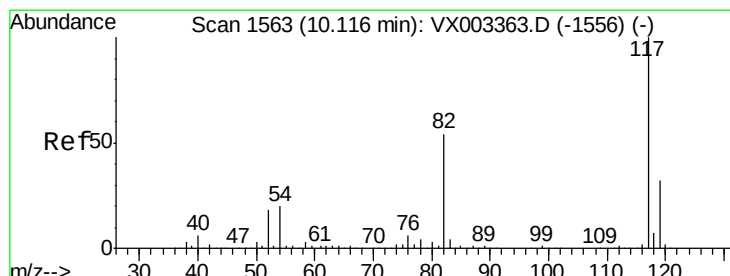
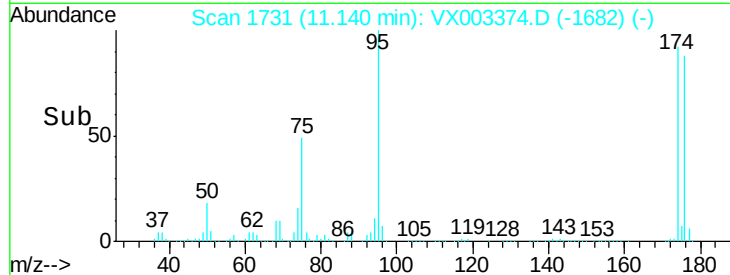
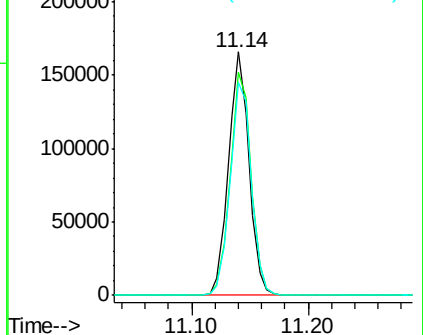
176 91.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003363.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003363.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003363.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003374.D

Acq: 13 Jul 2018 21:08

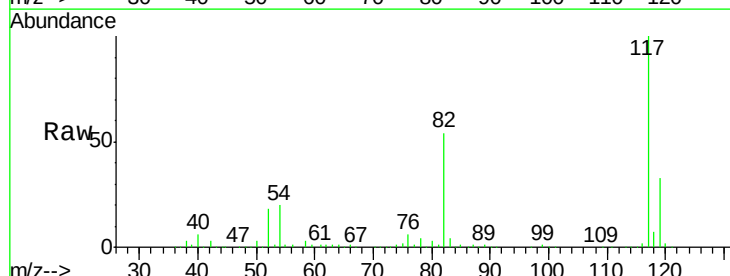
Tgt Ion: 117 Resp: 388795

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.4

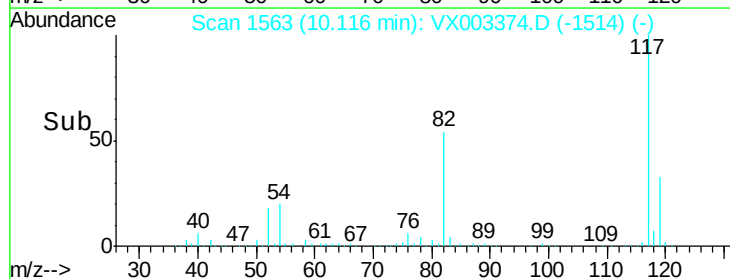
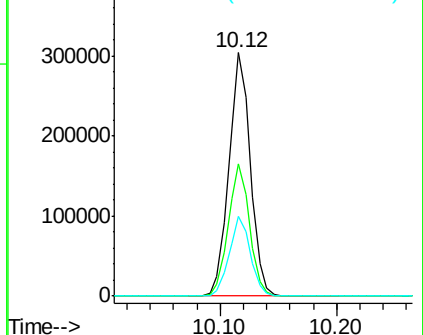
119 32.5 25.8 38.6

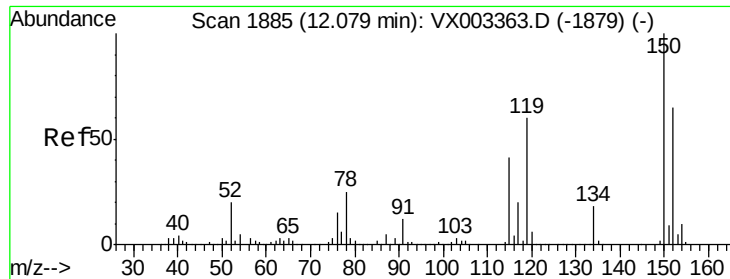


Abundance Ion 116.90 (116.60 to 117.60): VX003363.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003363.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003363.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003374.D

Acq: 13 Jul 2018 21:08

Instrument :

MSVOA_X

ClientSampleId :

SES-MS-PH4-COA-7-18

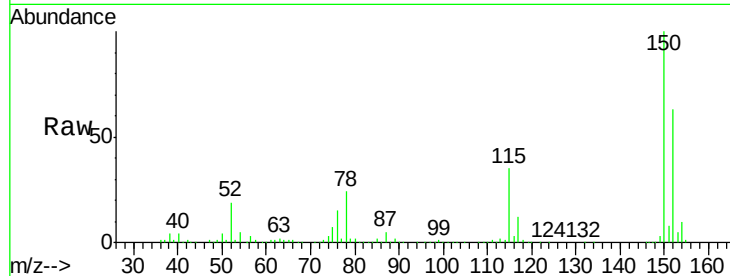
Tot Ion:152 Resp: 207731

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

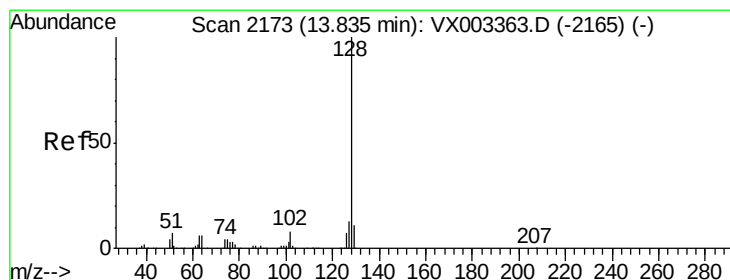
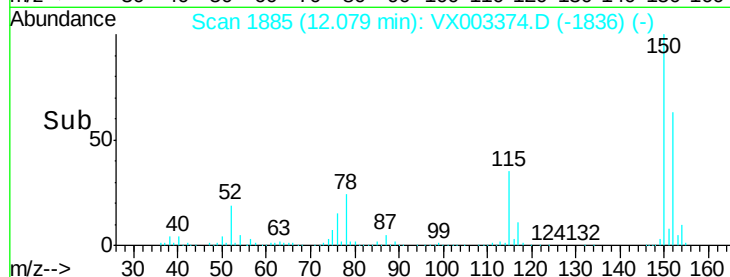
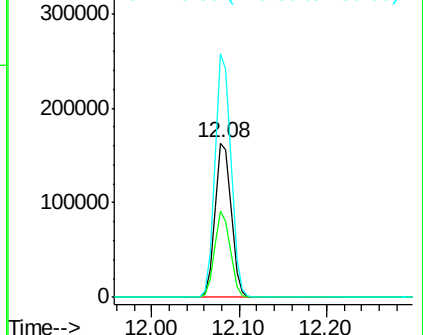
150 155.6 0.0 347.2



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: 0.21 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003374.D

Acq: 13 Jul 2018 21:08

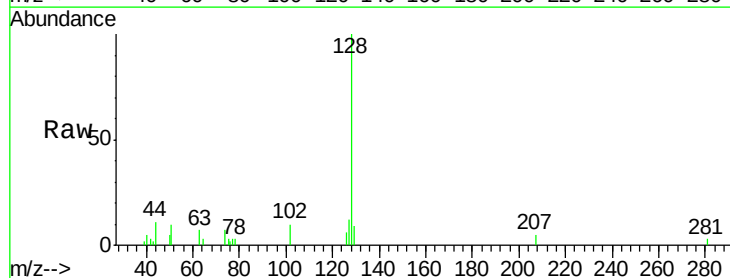
Tgt Ion:128 Resp: 3002

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 11.1 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

