

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004658.D
 Acq On : 18 Sep 2018 15:22
 Operator : JC/MD
 Sample : J4774-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-091418

Quant Time: Sep 19 03:58:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171793	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	132424	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.50	113	122714	41.13	ug/l	0.00
Spiked Amount			Recovery	=	82.26%	
50) Toluene-d8	8.71	98	453463	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	11.14	95	164720	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	

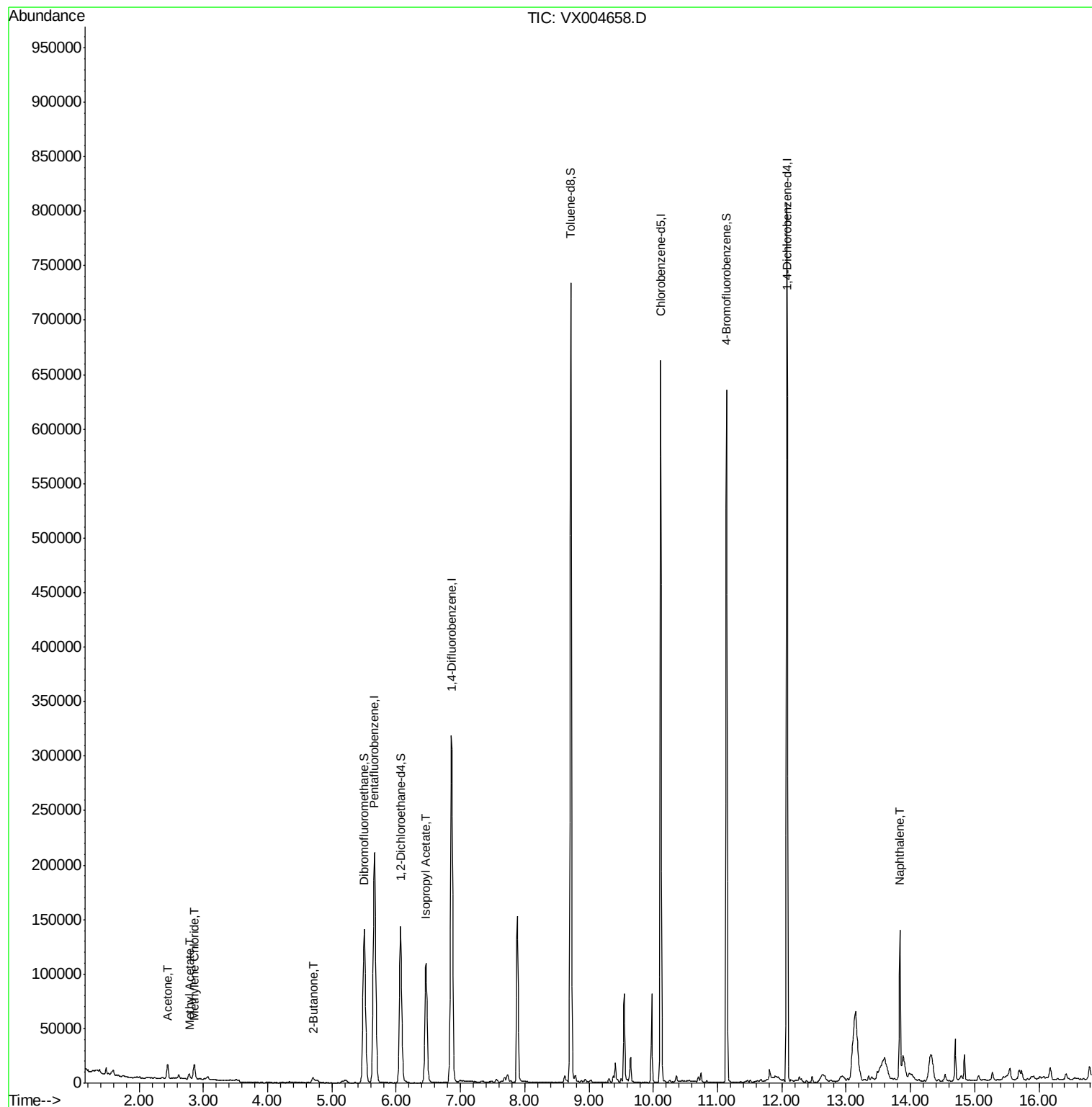
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	13398	9.80	ug/l	99
18) Methyl Acetate	2.78	43	5063	1.32	ug/l	100
20) Methylene Chloride	2.85	84	6468	2.31	ug/l	97
25) 2-Butanone	4.71	43	8704	4.00	ug/l	100
43) Isopropyl Acetate	6.46	43	145791	24.38	ug/l	98
95) Naphthalene	13.83	128	89630m	7.64	ug/l	

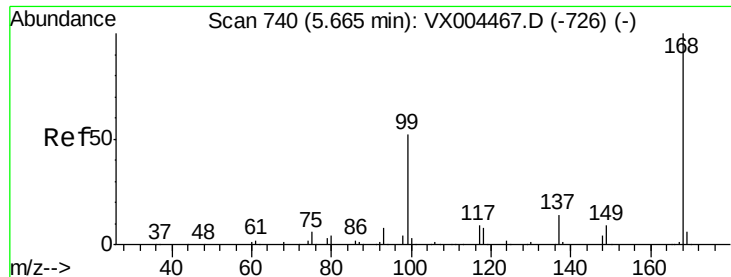
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :
OK-01-091418

Quant Time: Sep 19 03:58:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004658.D

Acq: 18 Sep 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

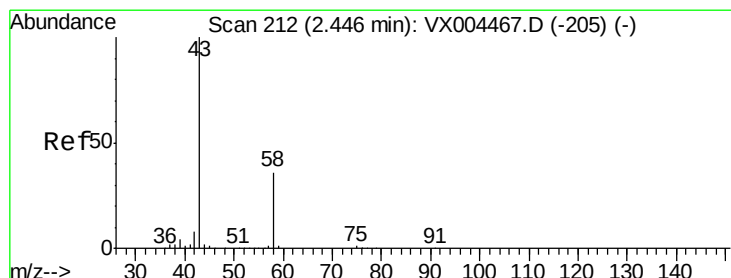
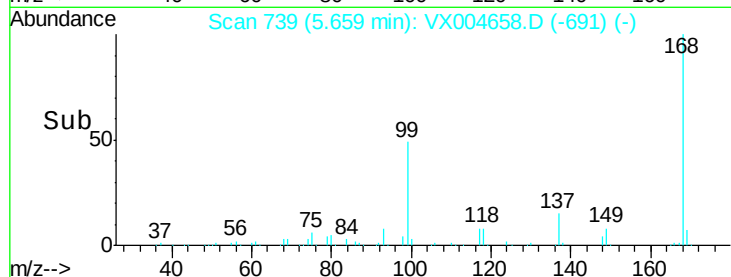
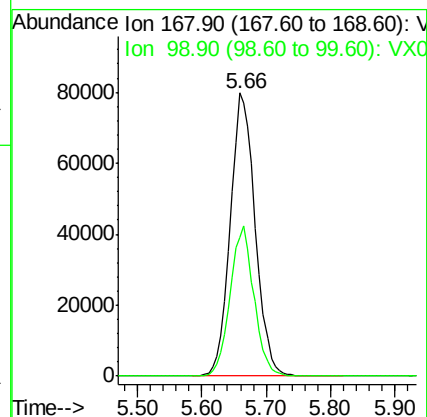
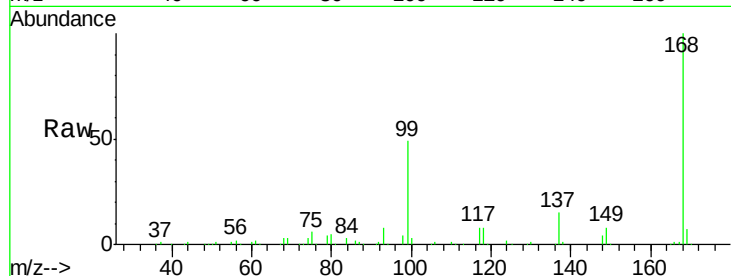
OK-01-091418

Tot Ion:168 Resp: 217246

Ion Ratio Lower Upper

168 100

99 49.0 39.9 59.9



#16

Acetone

Concen: 9.80 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004658.D

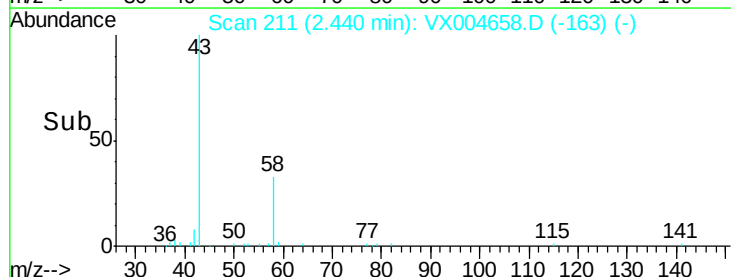
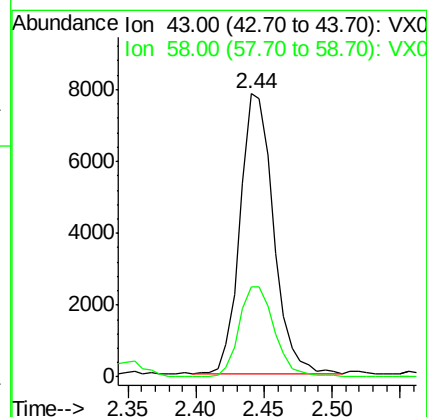
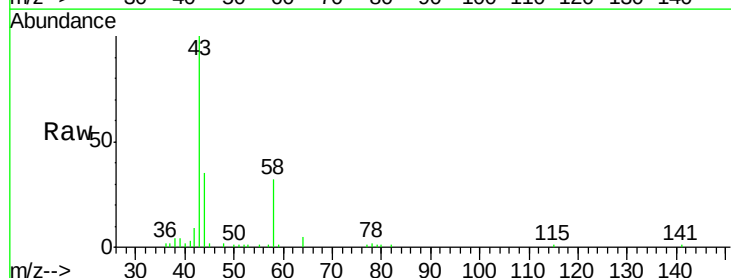
Acq: 18 Sep 2018 15:22

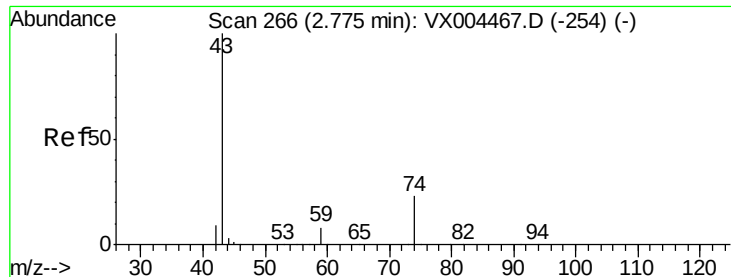
Tgt Ion: 43 Resp: 13398

Ion Ratio Lower Upper

43 100

58 32.3 26.2 39.4





#18

Methyl Acetate

Concen: 1.32 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX004658.D

Acq: 18 Sep 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

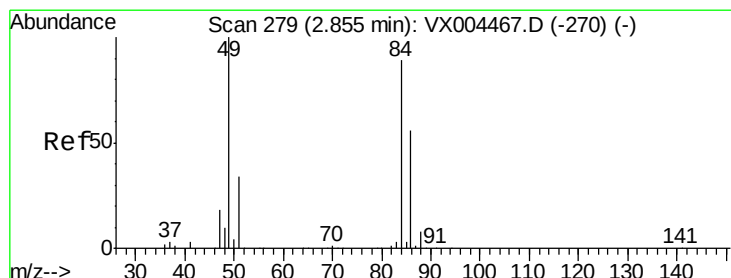
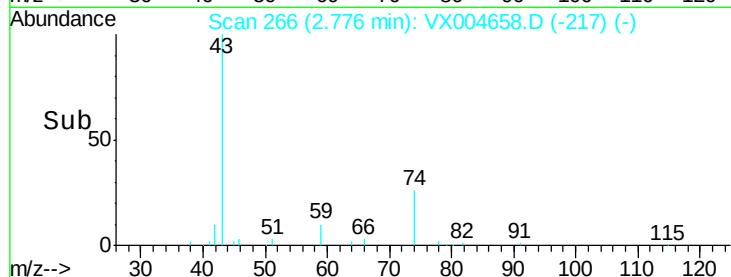
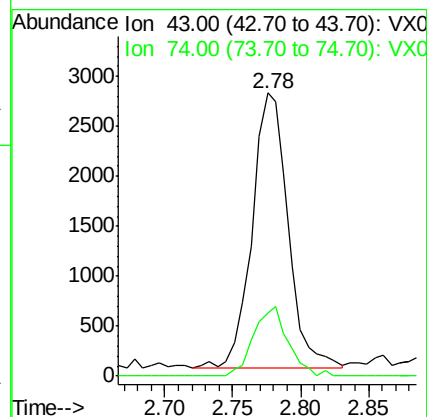
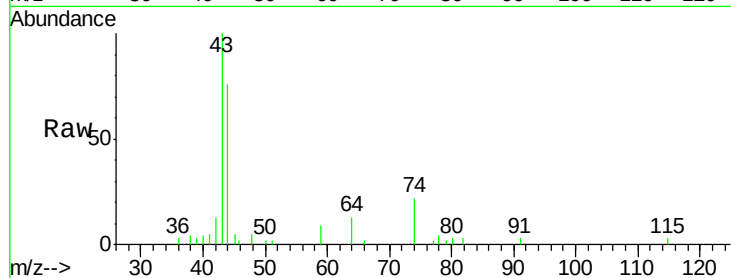
OK-01-091418

Tot Ion: 43 Resp: 5063

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2



#20

Methylene Chloride

Concen: 2.31 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004658.D

Acq: 18 Sep 2018 15:22

Tgt Ion: 84 Resp: 6468

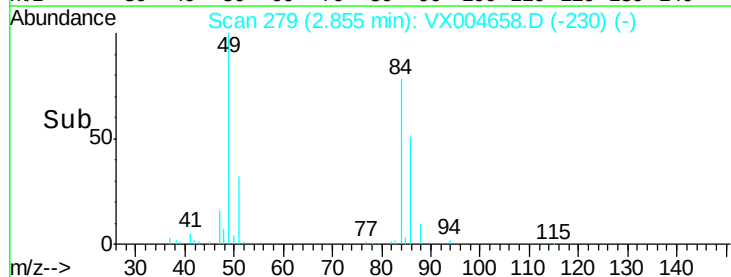
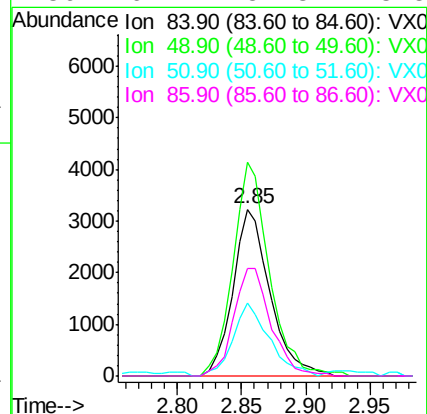
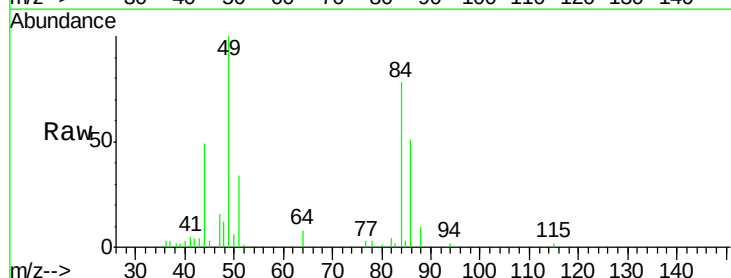
Ion Ratio Lower Upper

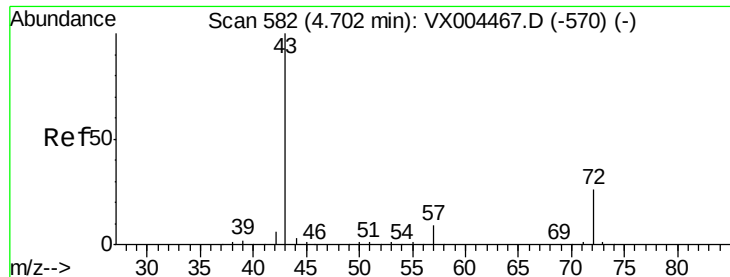
84 100

49 127.9 101.2 151.8

51 43.4 29.5 44.3

86 64.7 52.3 78.5





#25

2-Butanone

Concen: 4.00 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004658.D

Acq: 18 Sep 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

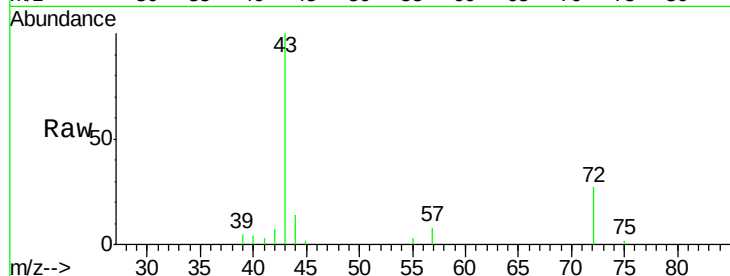
OK-01-091418

Tot Ion: 43 Resp: 8704

Ion Ratio Lower Upper

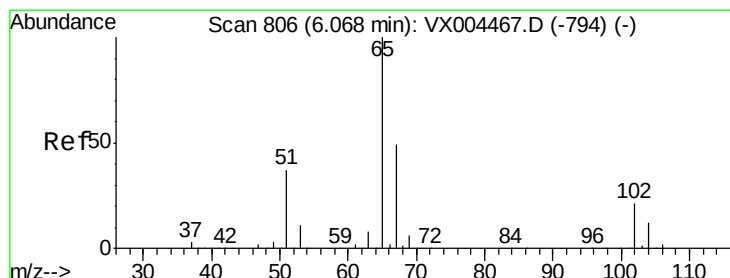
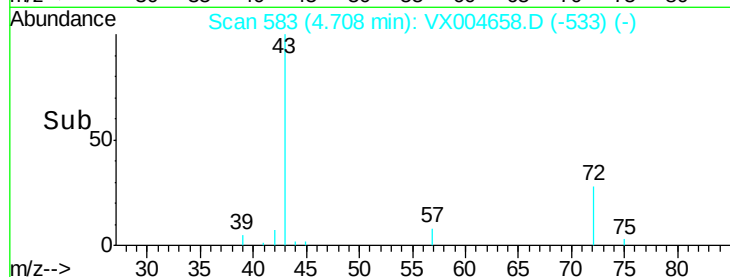
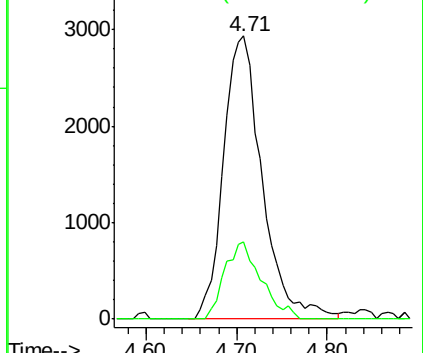
43 100

72 27.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.27 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004658.D

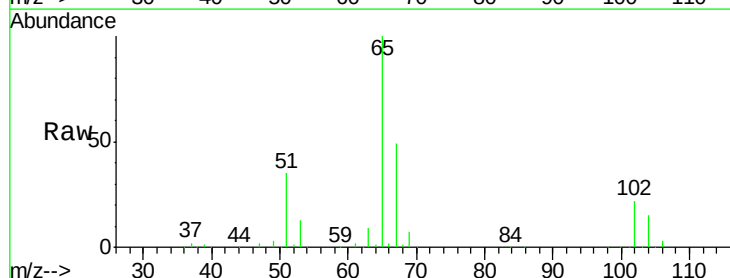
Acq: 18 Sep 2018 15:22

Tgt Ion: 65 Resp: 132424

Ion Ratio Lower Upper

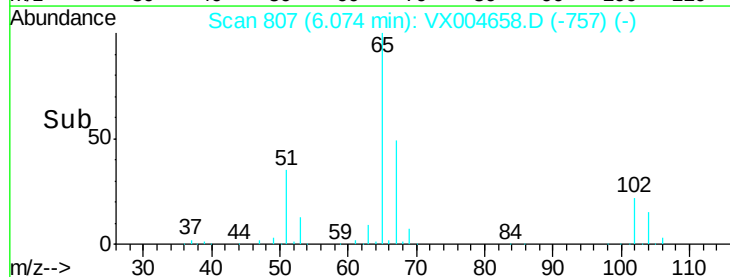
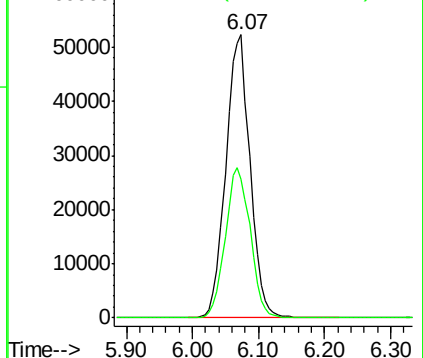
65 100

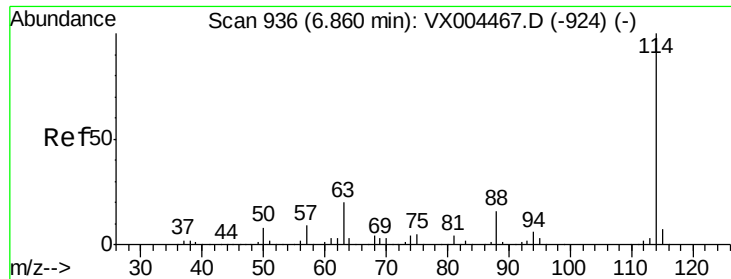
67 54.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

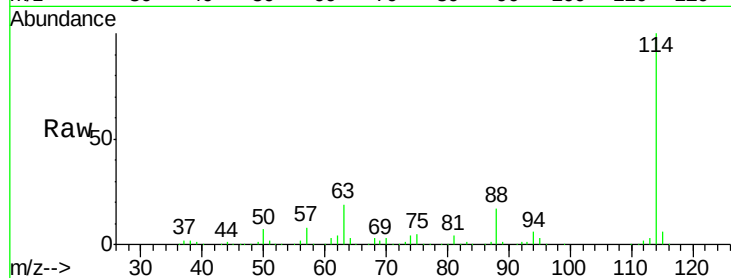




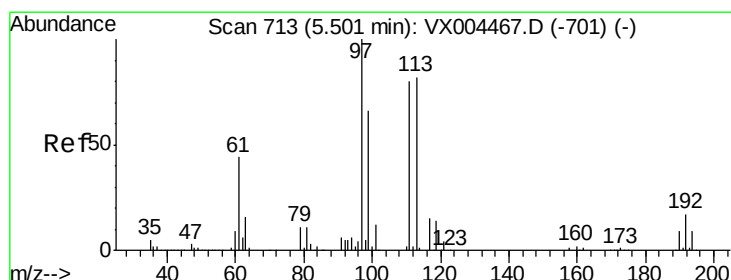
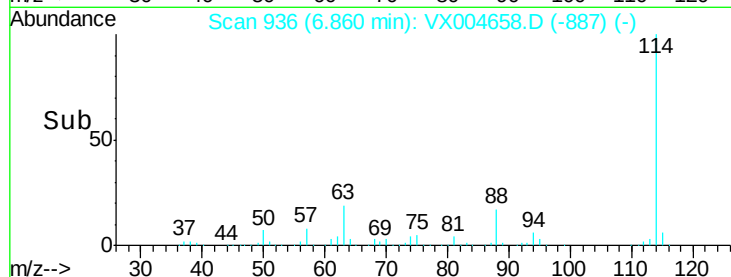
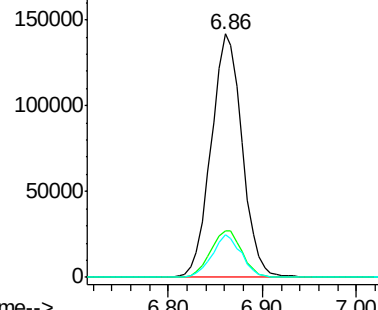
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004658.D
 Acq: 18 Sep 2018 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-091418

Tot Ion:114 Resp: 326001
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 17.4 0.0 30.4

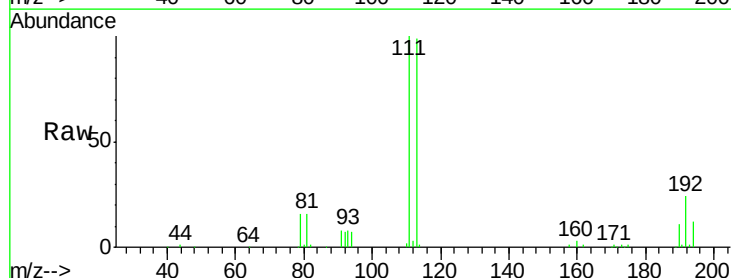


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

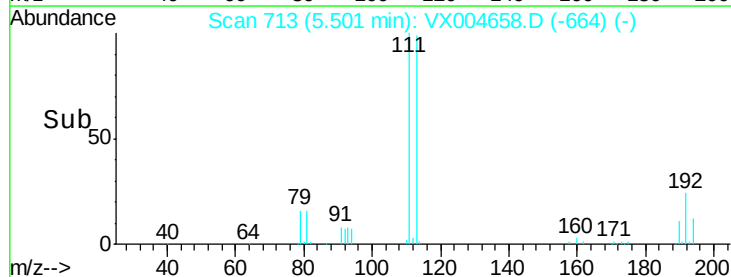
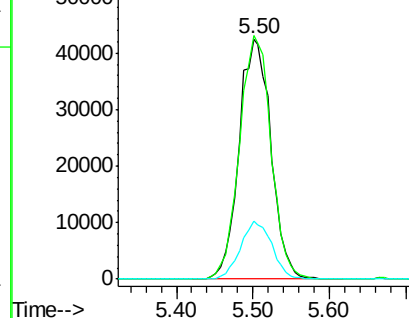


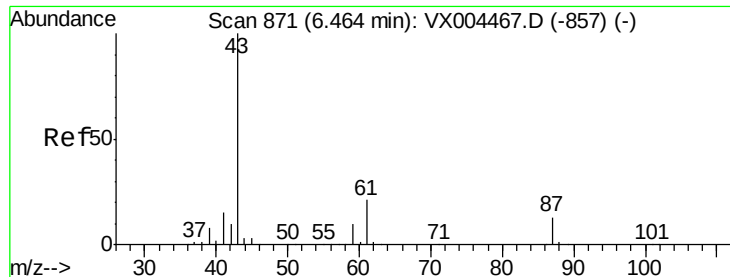
#35
 Dibromofluoromethane
 Concen: 41.13 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004658.D
 Acq: 18 Sep 2018 15:22

Tgt Ion:113 Resp: 122714
 Ion Ratio Lower Upper
 113 100
 111 100.2 82.4 123.6
 192 23.8 19.4 29.2



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





#43

Isopropyl Acetate

Concen: 24.38 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004658.D

Acq: 18 Sep 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

OK-01-091418

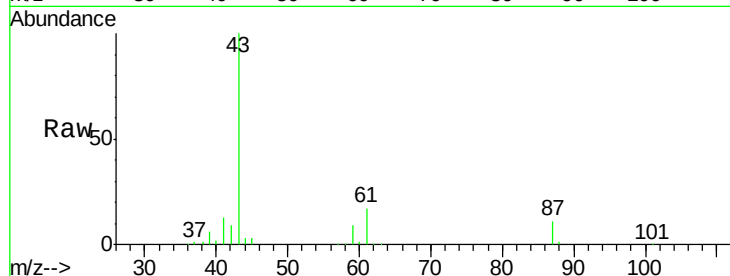
Tot Ion: 43 Resp: 145791

Ion Ratio Lower Upper

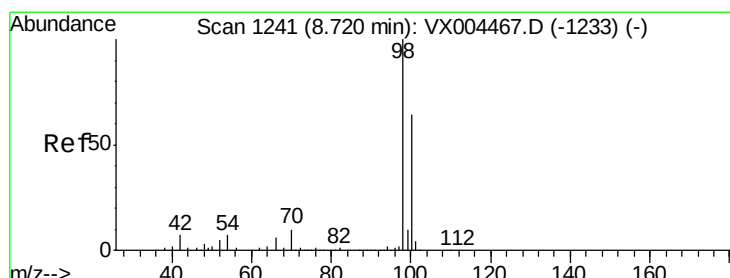
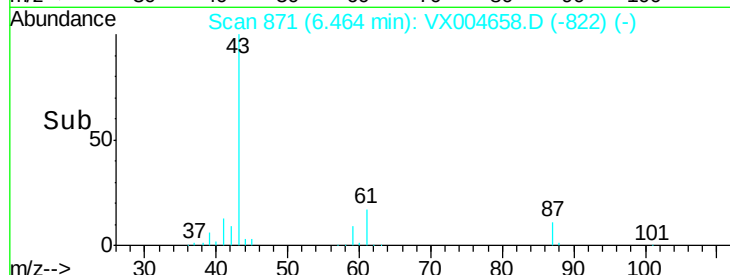
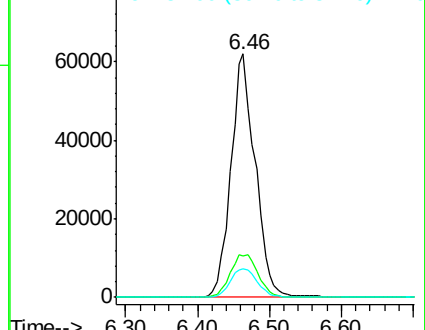
43 100

61 20.2 17.0 25.4

87 13.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 45.33 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004658.D

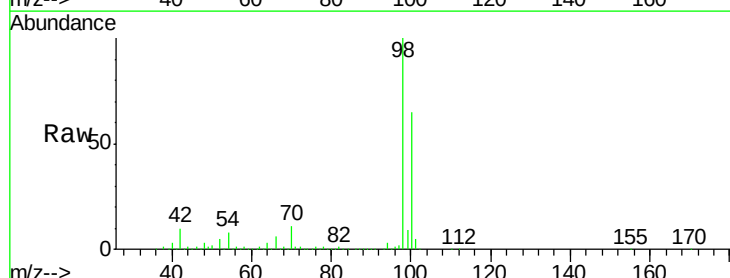
Acq: 18 Sep 2018 15:22

Tgt Ion: 98 Resp: 453463

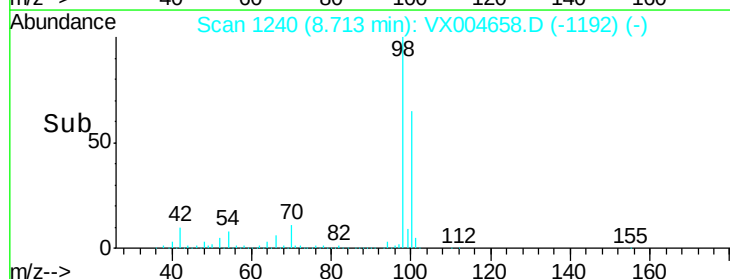
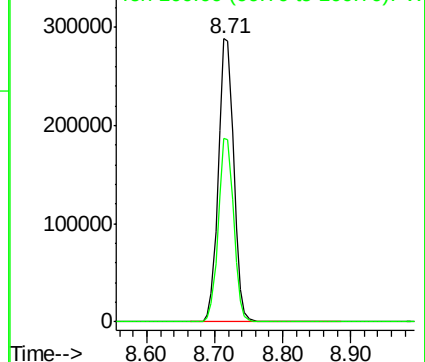
Ion Ratio Lower Upper

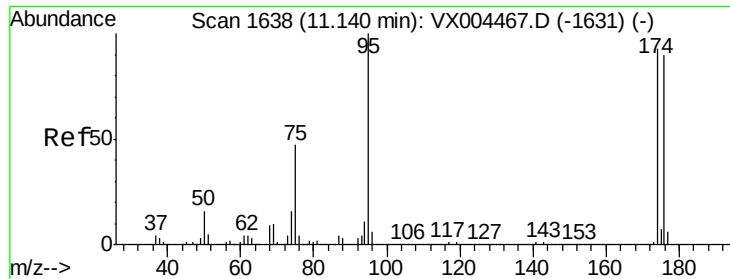
98 100

100 64.6 52.9 79.3



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

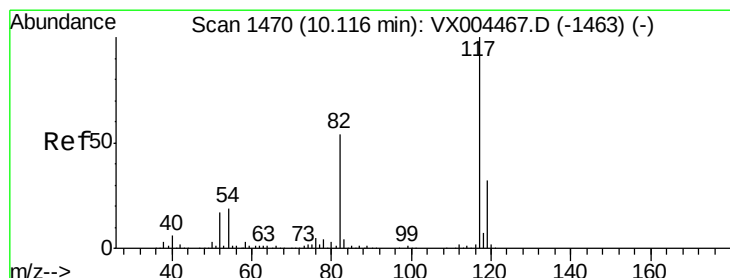
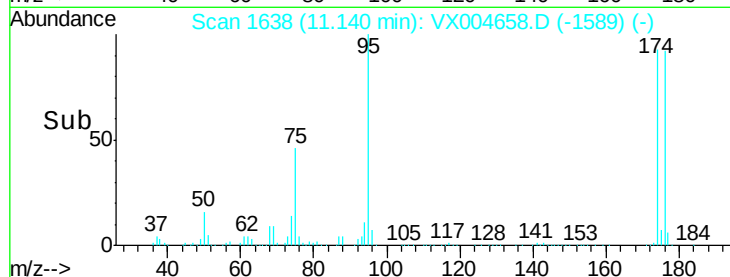
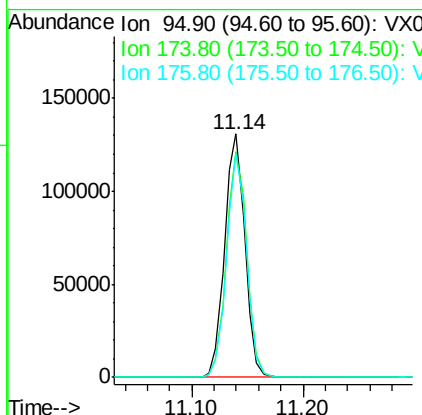
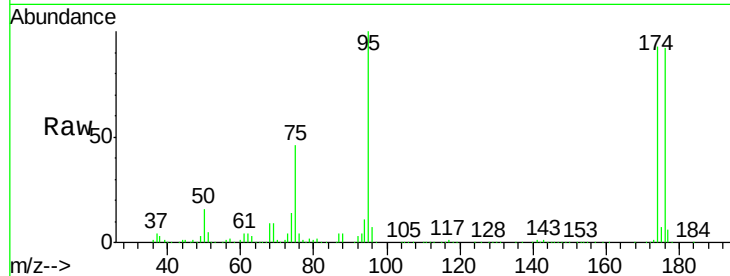




#62
4-Bromofluorobenzene
Concen: 46.13 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004658.D
Acq: 18 Sep 2018 15:22

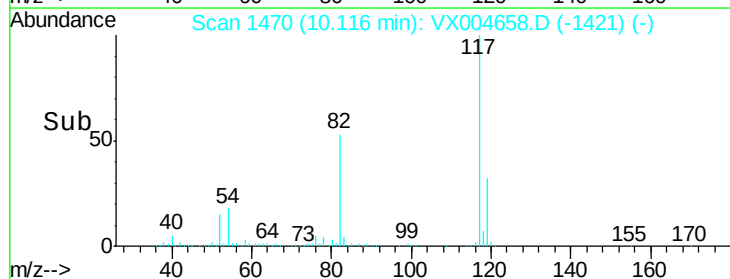
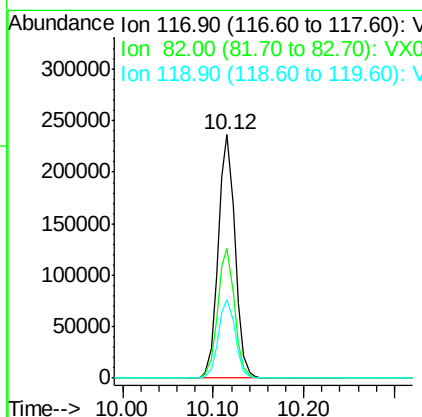
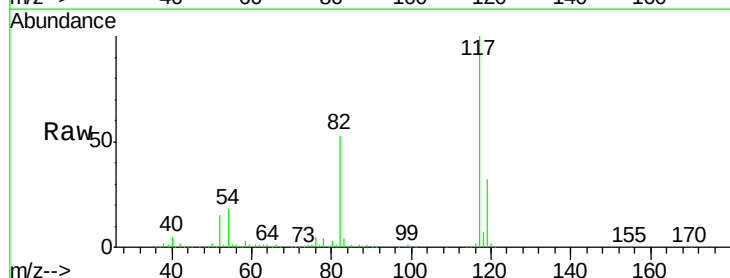
Instrument :
MSVOA_X
ClientSampleId :
OK-01-091418

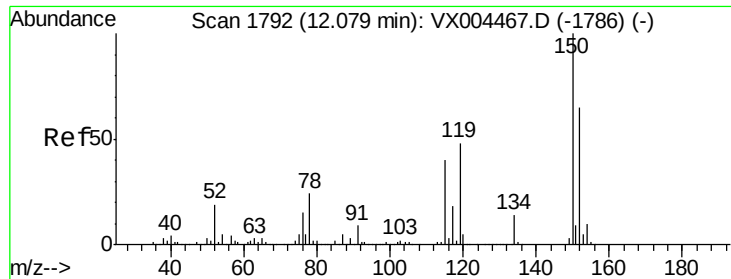
Tot Ion: 95 Resp: 164720
Ion Ratio Lower Upper
95 100
174 93.6 0.0 185.2
176 90.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004658.D
Acq: 18 Sep 2018 15:22

Tgt Ion: 117 Resp: 306859
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 32.1 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004658.D

Acq: 18 Sep 2018 15:22

Instrument :

MSVOA_X

ClientSampleId :

OK-01-091418

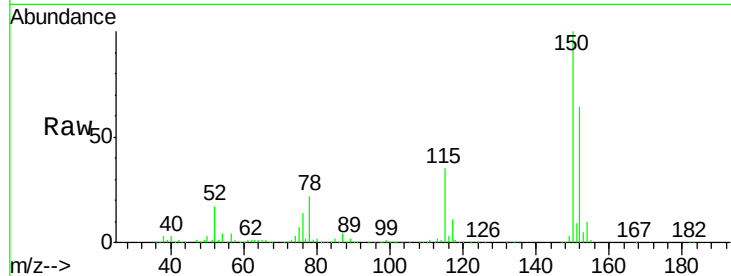
Tot Ion:152 Resp: 171793

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

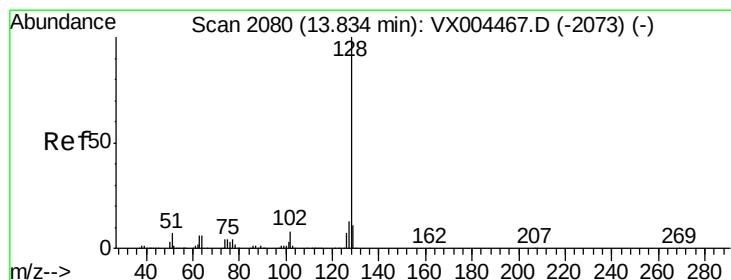
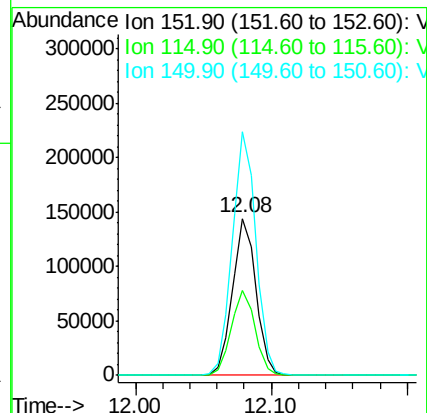
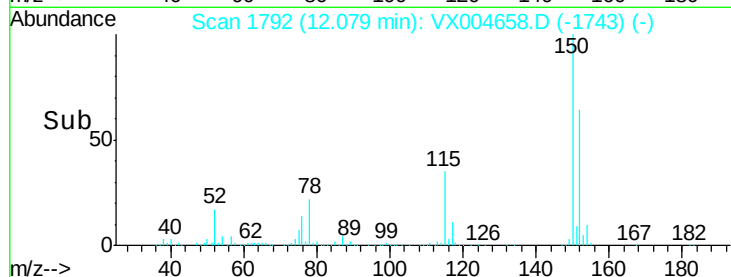
150 156.9 0.0 351.0



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: 7.64 ug/l m

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004658.D

Acq: 18 Sep 2018 15:22

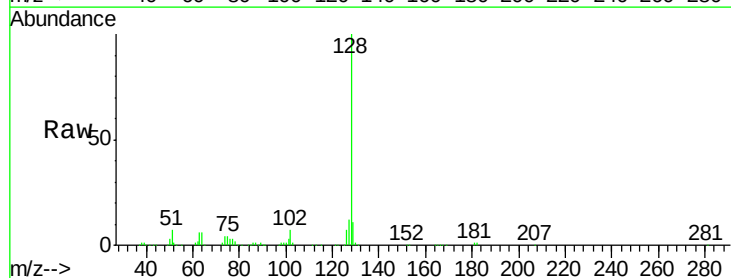
Tgt Ion:128 Resp: 89630

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.6 12.8#



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

