

Data File : VX000194.D
Acq On : 02 Mar 2018 16:27
Operator : JC/MD
Sample : J1766-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-2

Quant Time: Mar 03 05:23:08 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	96723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	160567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	75230	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	62430	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.52	113	48796	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.73	98	193676	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.15	95	67880	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	

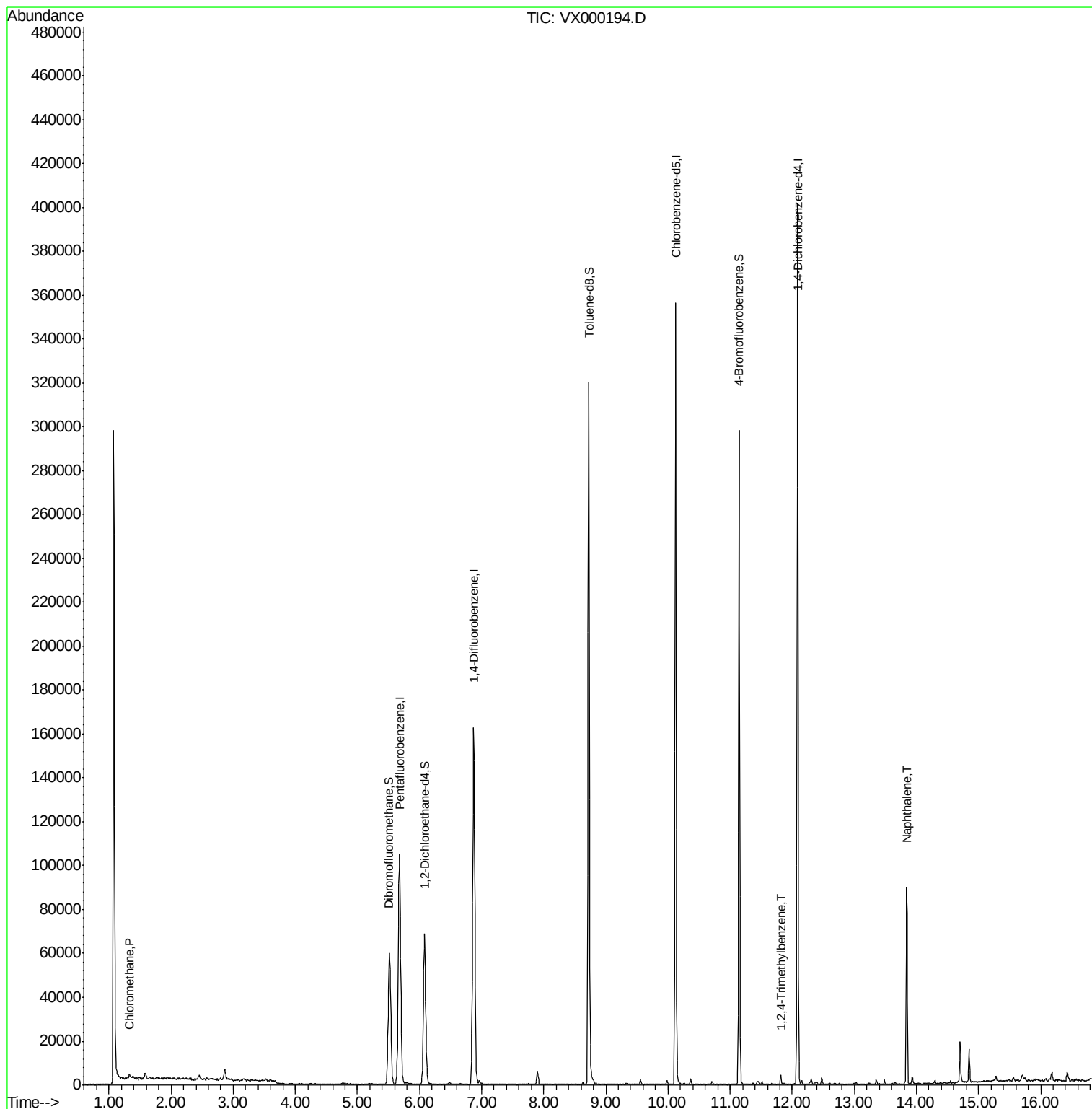
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	828	0.85	ug/l	94
84) 1,2,4-Trimethylbenzene	11.82	105	1695	0.41	ug/l	87
95) Naphthalene	13.84	128	51854	8.35	ug/l	98

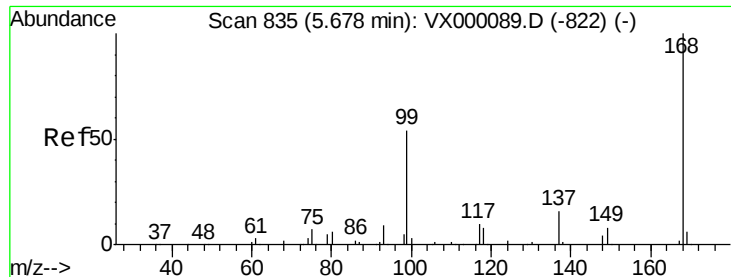
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000194.D

Acq: 02 Mar 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

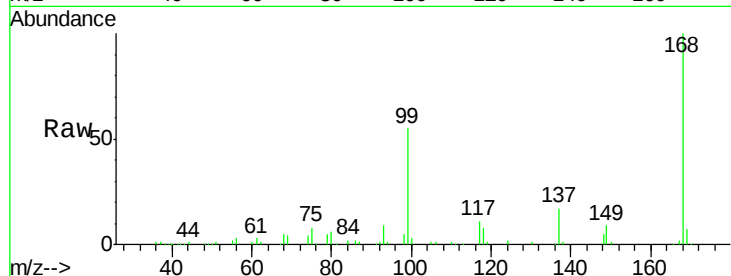
DRUM-1-2

Tgt Ion:168 Resp: 96723

Ion Ratio Lower Upper

168 100

99 54.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

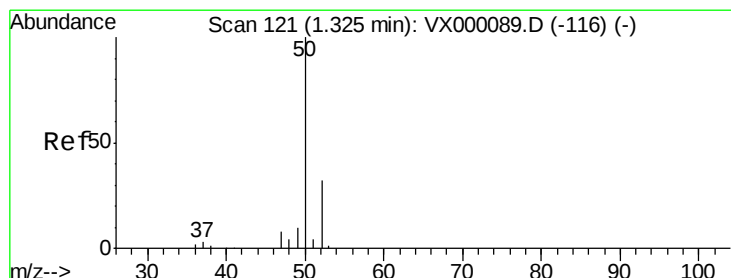
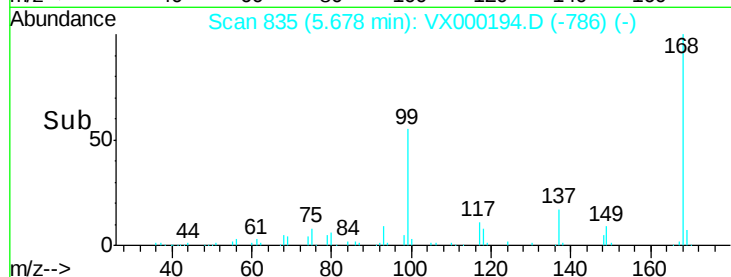
20000

10000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.85 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000194.D

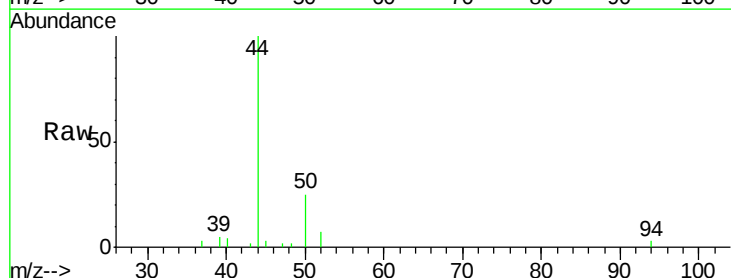
Acq: 02 Mar 2018 16:27

Tgt Ion: 50 Resp: 828

Ion Ratio Lower Upper

50 100

52 29.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

600

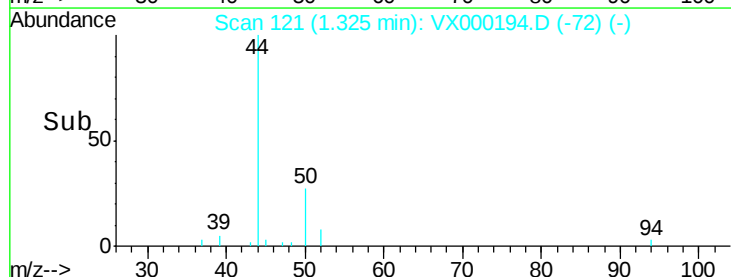
400

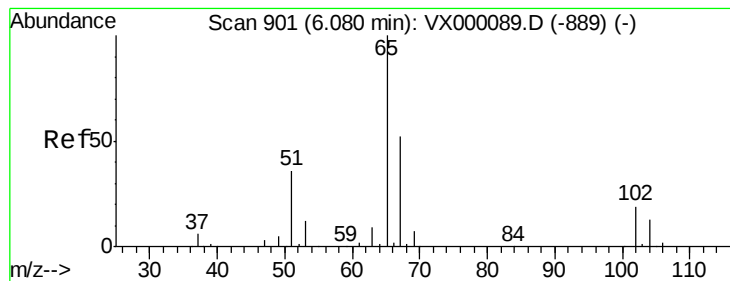
200

0

Time-->

1.30 1.35





#33

1,2-Dichloroethane-d4

Concen: 51.69 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000194.D

Acq: 02 Mar 2018 16:27

Instrument :

MSVOA_X

ClientSampled :

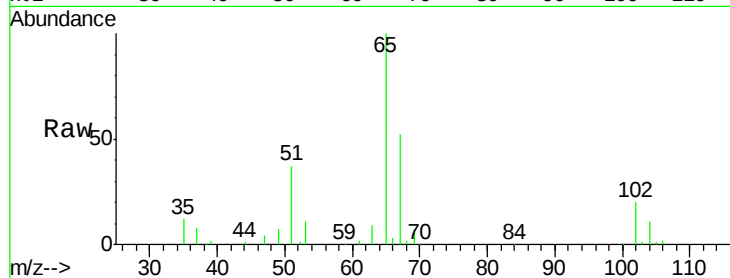
DRUM-1-2

Tgt Ion: 65 Resp: 62430

Ion Ratio Lower Upper

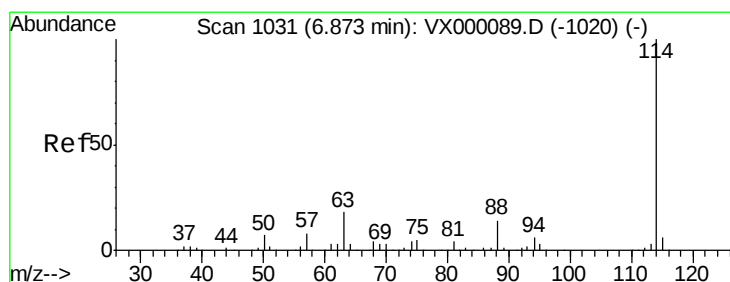
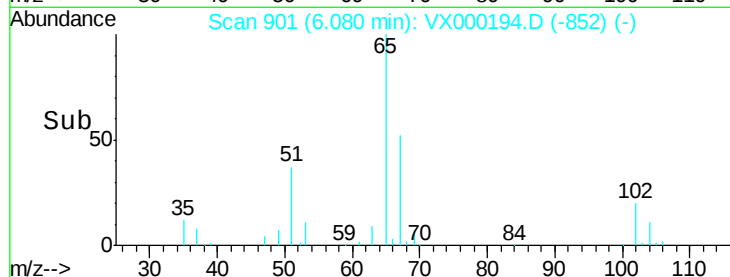
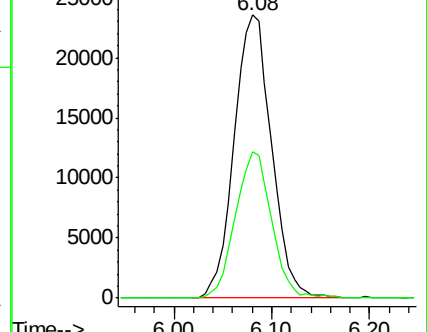
65 100

67 49.6 0.0 104.8



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. 0.00 min

Lab File: VX000194.D

Acq: 02 Mar 2018 16:27

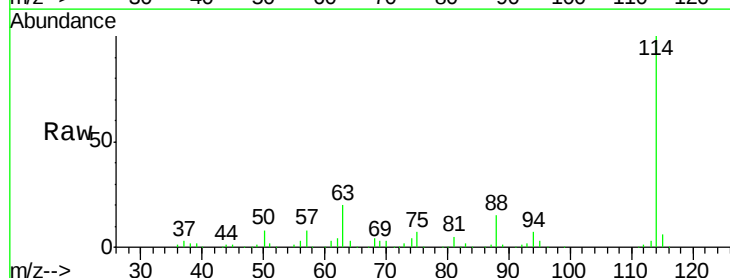
Tgt Ion: 114 Resp: 160567

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

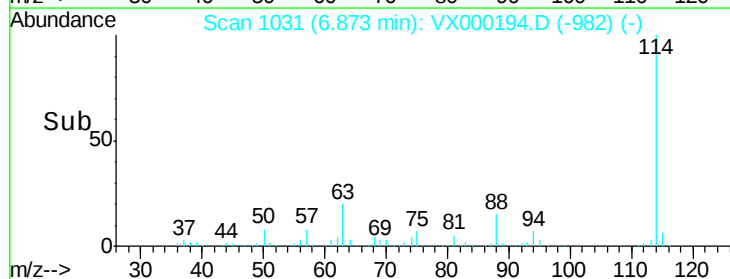
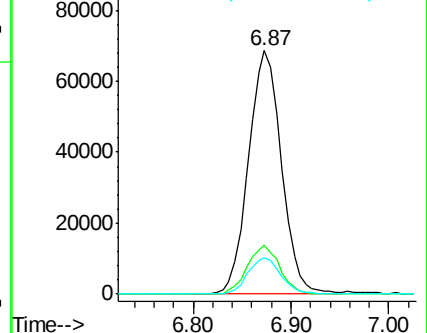
88 14.8 0.0 29.0

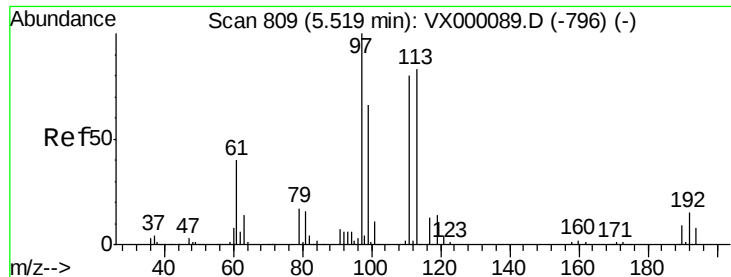


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.15 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000194.D

Acq: 02 Mar 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-2

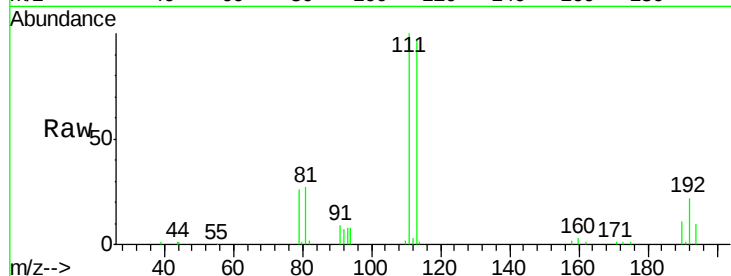
Tgt Ion:113 Resp: 48796

Ion Ratio Lower Upper

113 100

111 101.2 81.0 121.6

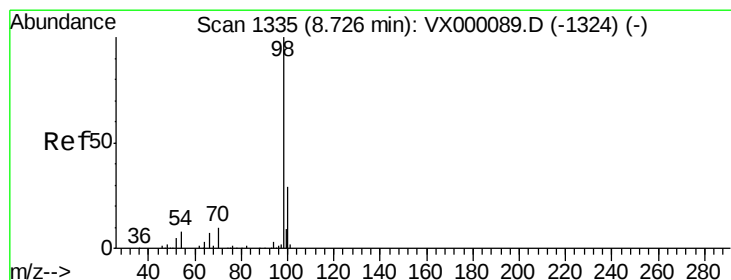
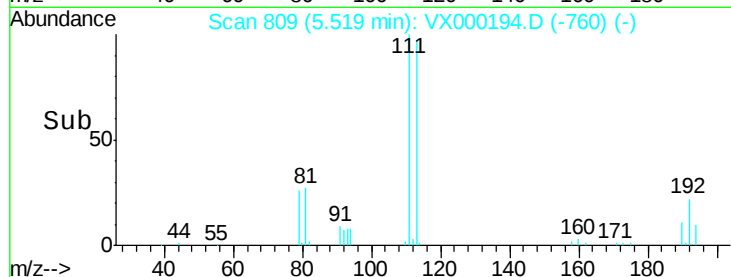
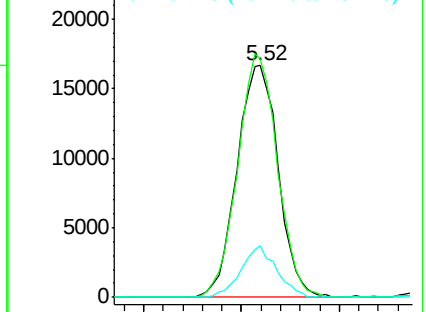
192 19.2 15.7 23.5



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: 48.45 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000194.D

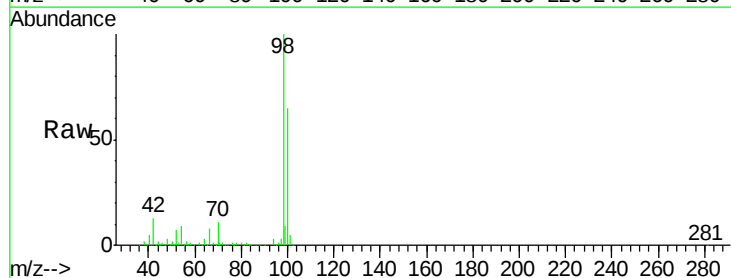
Acq: 02 Mar 2018 16:27

Tgt Ion: 98 Resp: 193676

Ion Ratio Lower Upper

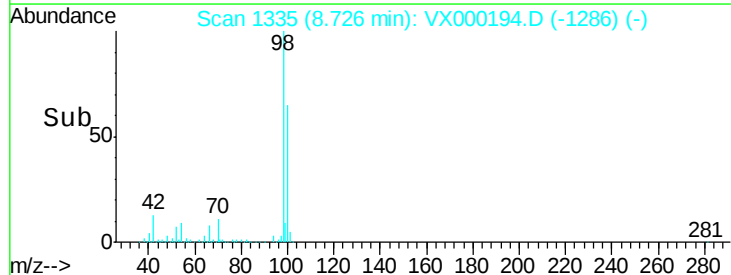
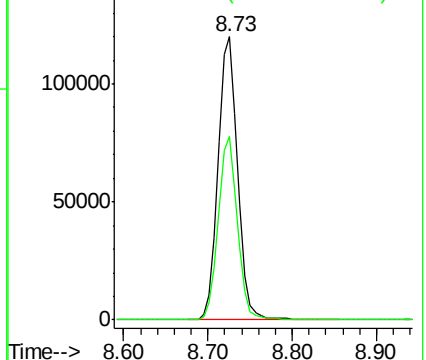
98 100

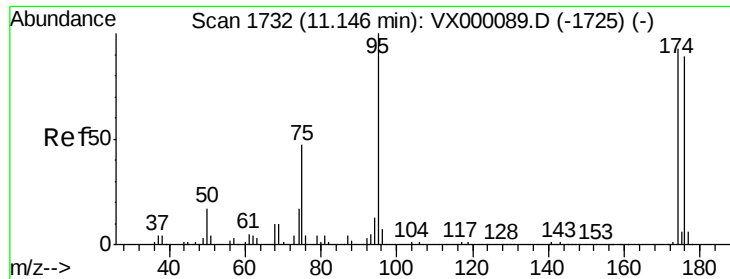
100 63.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

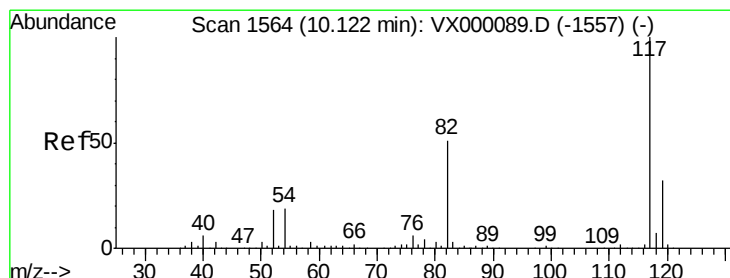
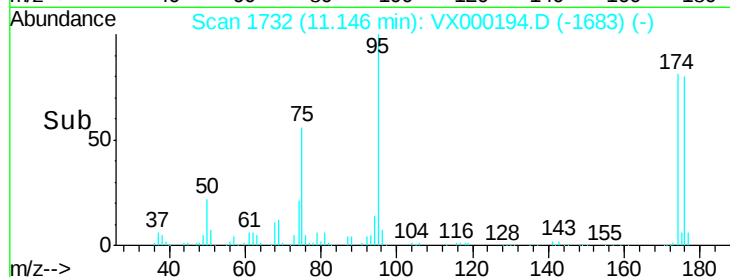
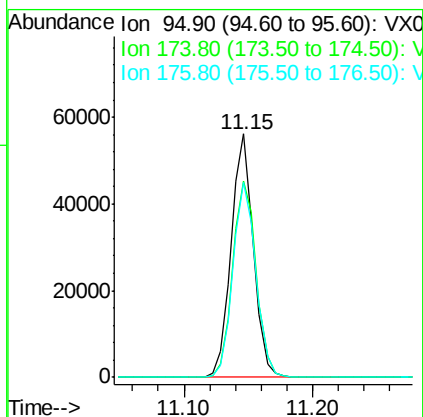
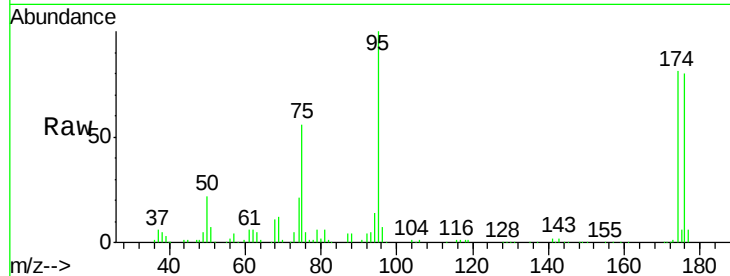




#62
4-Bromofluorobenzene
Concen: 43.31 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000194.D
Acq: 02 Mar 2018 16:27

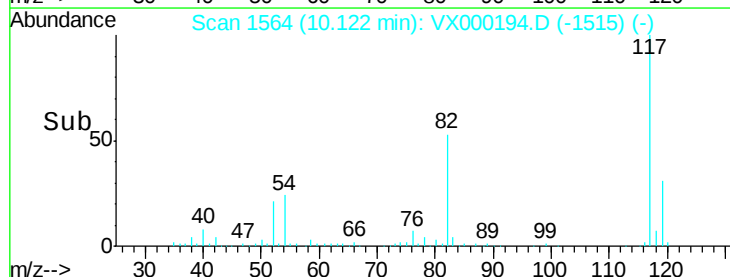
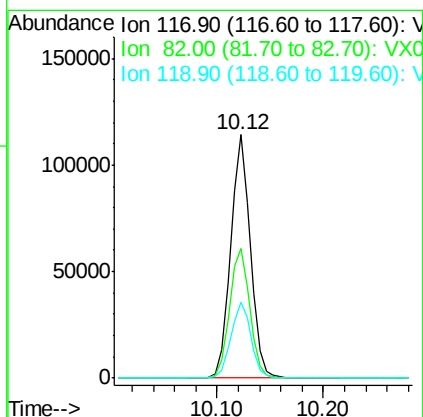
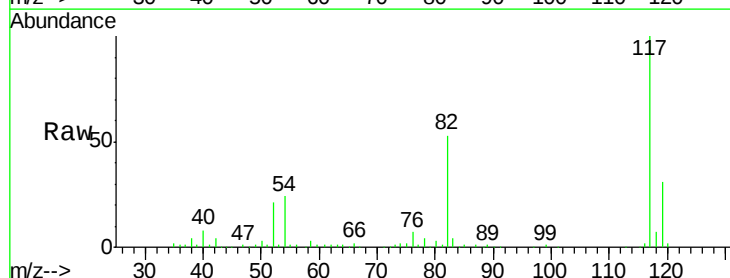
Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-2

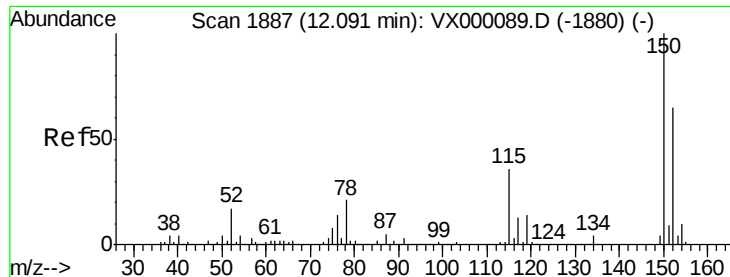
Tgt Ion: 95 Resp: 67880
Ion Ratio Lower Upper
95 100
174 85.5 0.0 187.8
176 82.7 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000194.D
Acq: 02 Mar 2018 16:27

Tgt Ion: 117 Resp: 148394
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000194.D

Acq: 02 Mar 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

DRUM-1-2

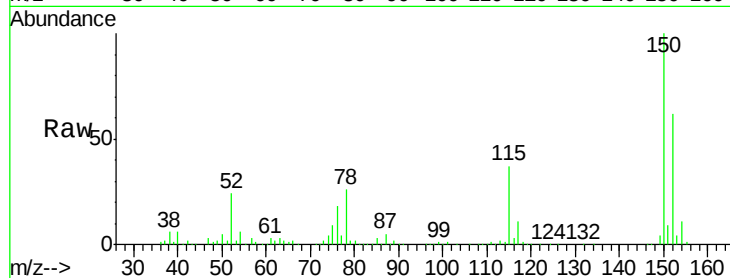
Tgt Ion:152 Resp: 75230

Ion Ratio Lower Upper

152 100

115 59.1 39.1 117.2

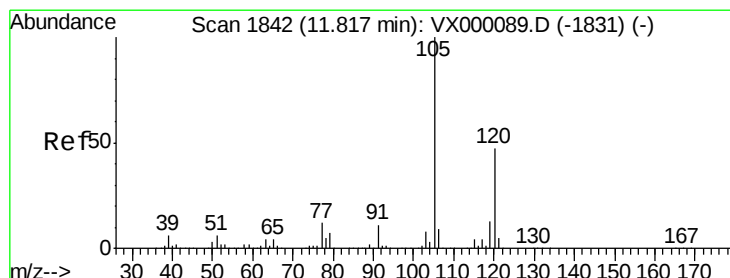
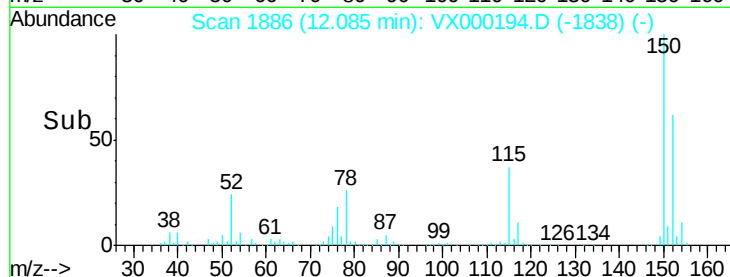
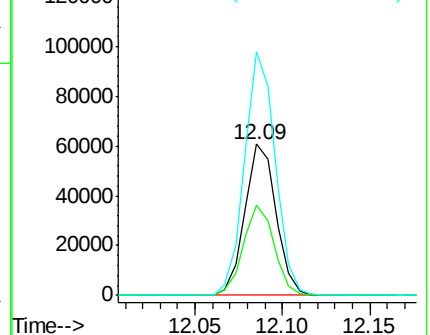
150 158.9 0.0 348.2



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



#84

1,2,4-Trimethylbenzene

Concen: 0.41 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX000194.D

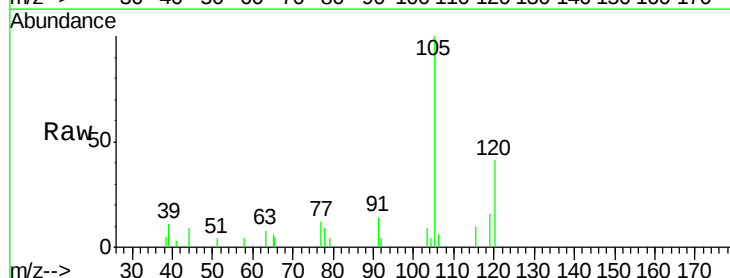
Acq: 02 Mar 2018 16:27

Tgt Ion:105 Resp: 1695

Ion Ratio Lower Upper

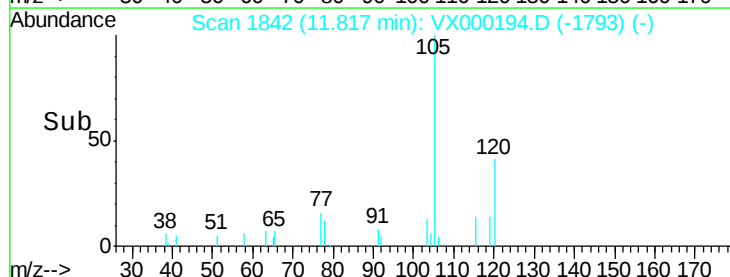
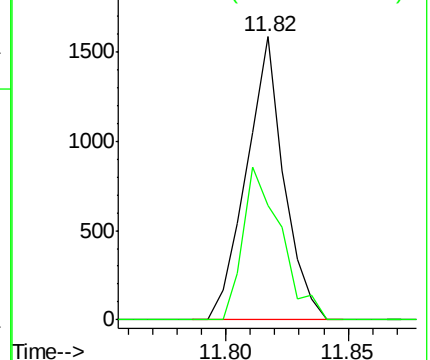
105 100

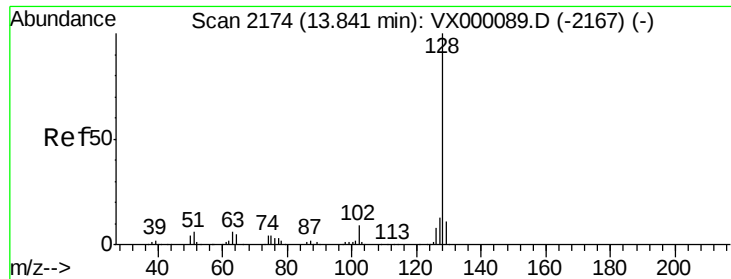
120 54.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

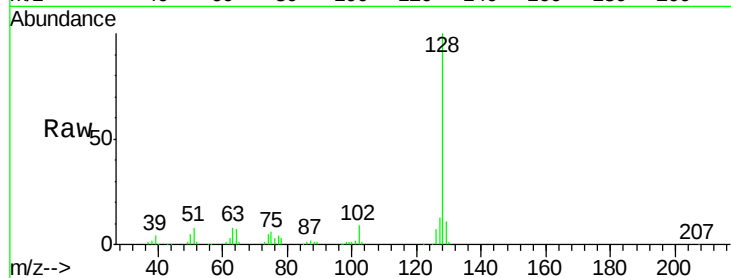




#95
Naphthalene
Concen: 8.35 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000194.D
Acq: 02 Mar 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
DRUM-1-2

Tgt Ion:128 Resp: 51854
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 11.0 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

