

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052443.D
 Acq On : 21 Nov 2018 17:24
 Operator : MD\SY
 Sample : J5768-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-112018

Quant Time: Nov 22 01:06:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	313703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	530473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	236867	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
35) Dibromofluoromethane	7.59	113	174694	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.09	98	668636	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	196848	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

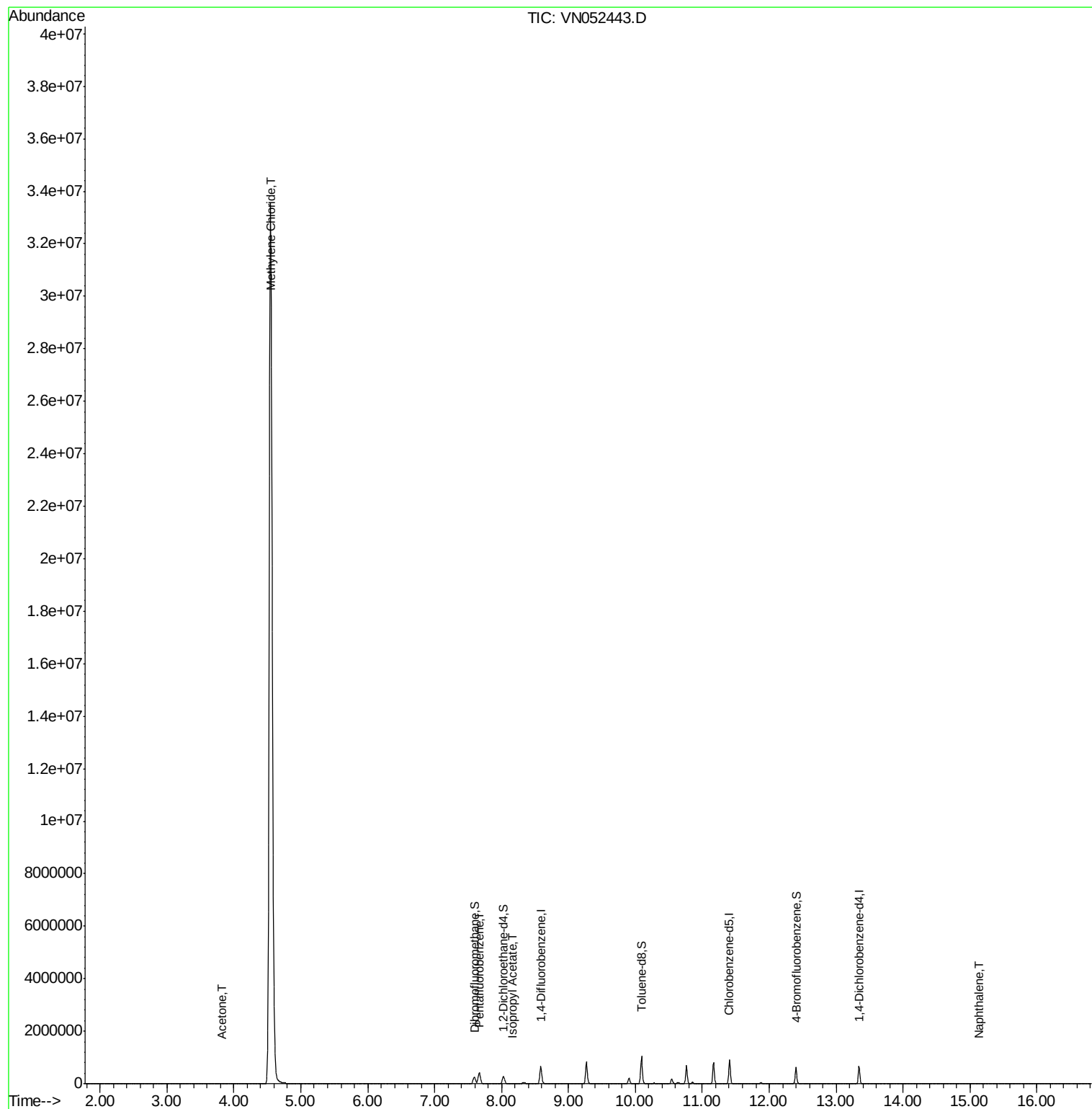
Target Compounds						Qvalue
16) Acetone	3.82	43	9395	7.70	ug/l #	83
20) Methylene Chloride	4.55	84	21566596	5892.91	ug/l	87
43) Isopropyl Acetate	8.17	43	22440	3.01	ug/l #	91
95) Naphthalene	15.14	128	5794	3.63	ug/l #	91

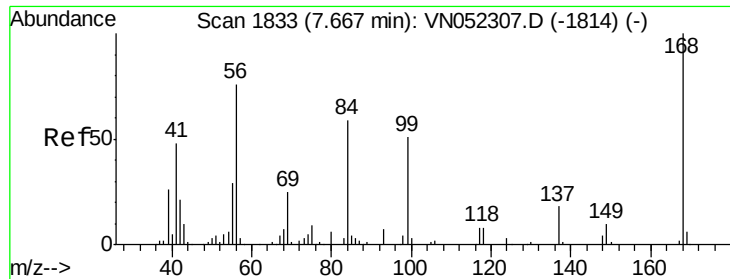
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052443.D

Acq: 21 Nov 2018 17:24

Instrument :

MSVOA_N

ClientSampleId :

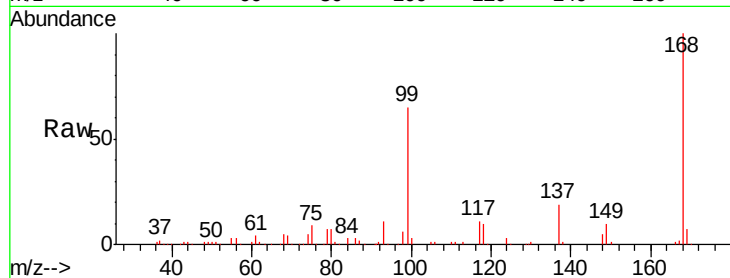
OK-03-112018

Tgt Ion:168 Resp: 313703

Ion Ratio Lower Upper

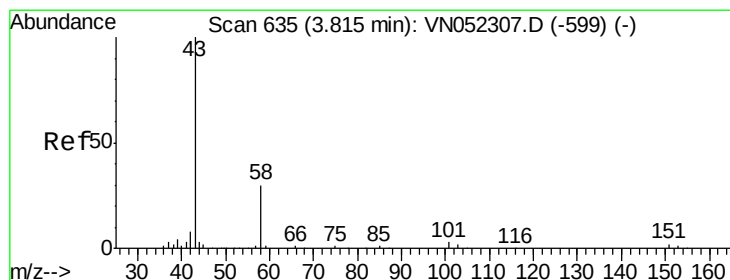
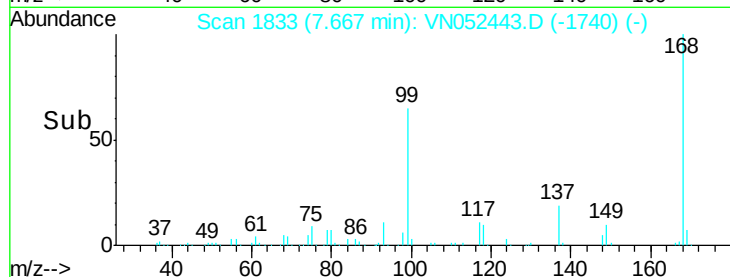
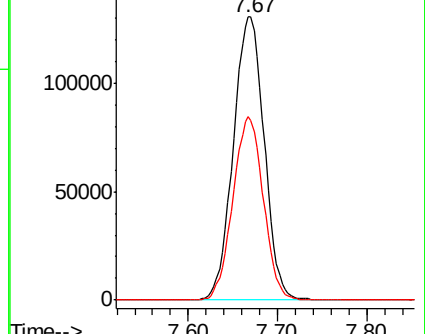
168 100

99 64.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.70 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052443.D

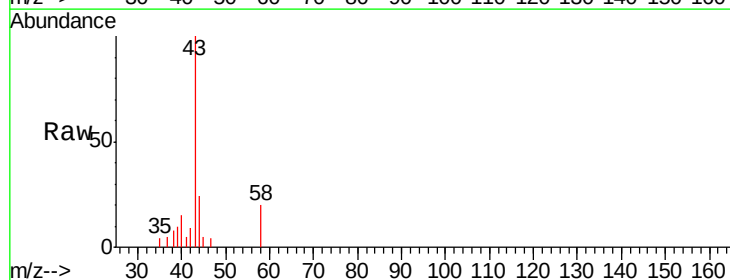
Acq: 21 Nov 2018 17:24

Tgt Ion: 43 Resp: 9395

Ion Ratio Lower Upper

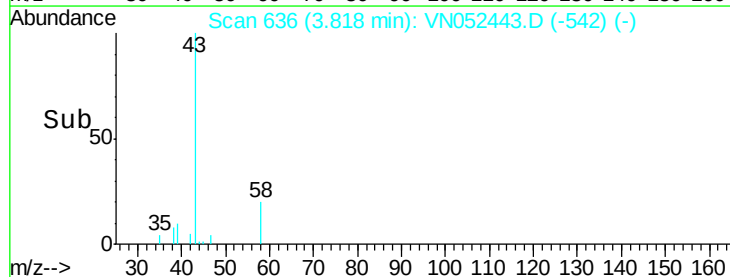
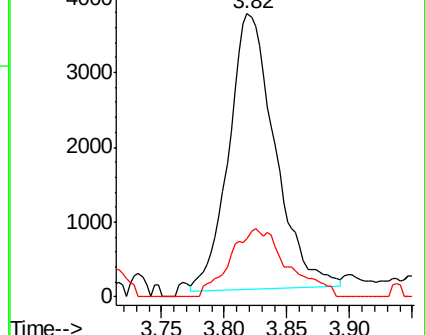
43 100

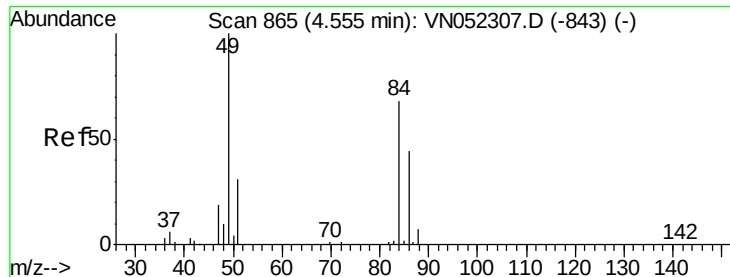
58 21.3 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN



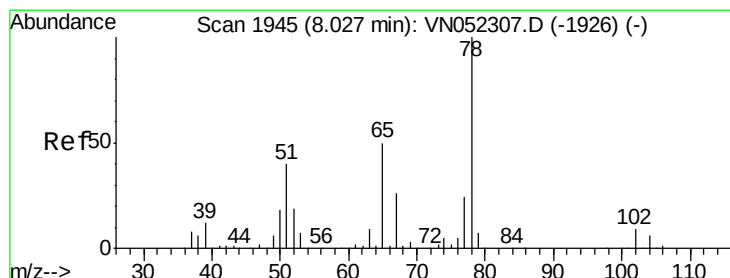
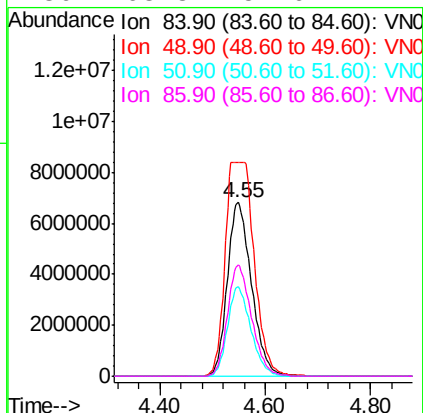
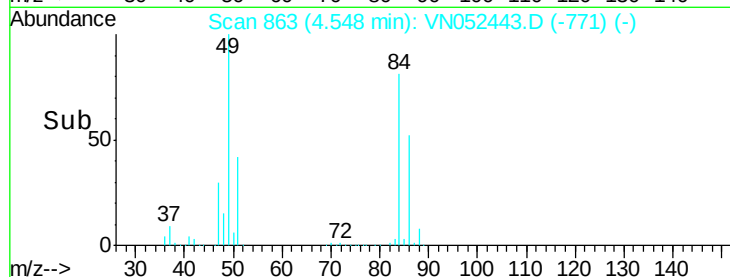
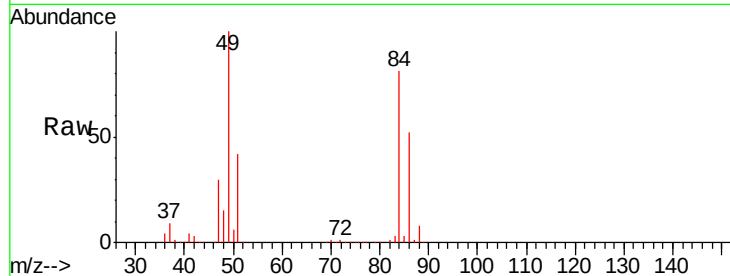


#20
Methylene Chloride
Concen: 5892.91 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN052443.D
Acq: 21 Nov 2018 17:24

Instrument :
MSVOA_N
ClientSampleId :
OK-03-112018

Tgt Ion: 84 Resp:21566596

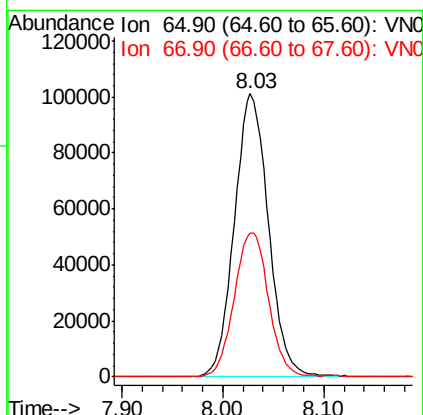
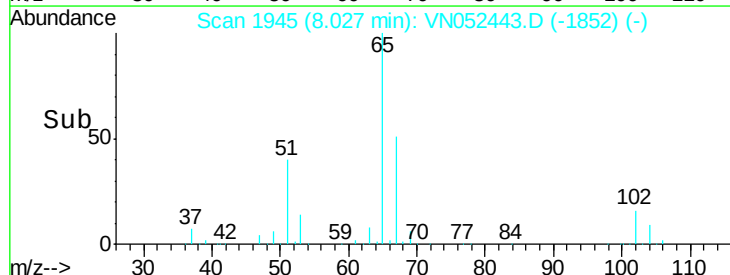
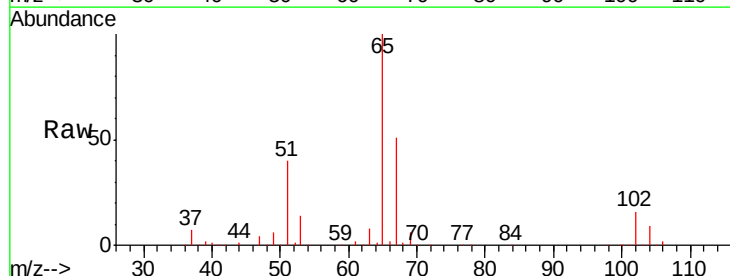
Ion	Ratio	Lower	Upper
84	100		
49	122.8	118.2	177.2
51	51.5	36.1	54.1
86	63.8	51.6	77.4

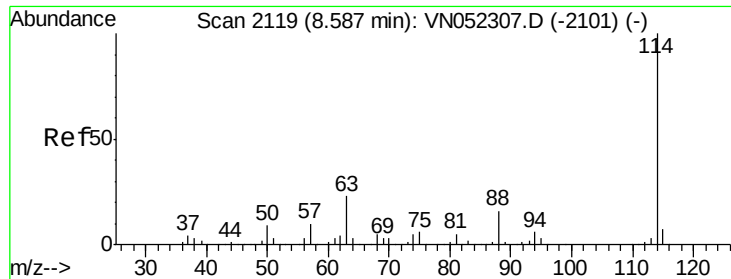


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052443.D
Acq: 21 Nov 2018 17:24

Tgt Ion: 65 Resp: 236867

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.2

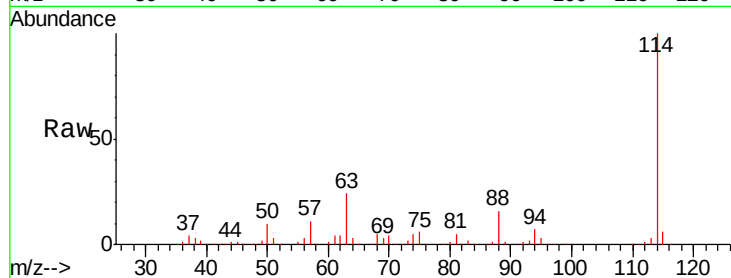




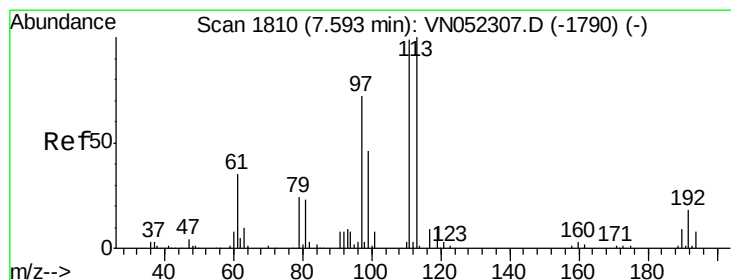
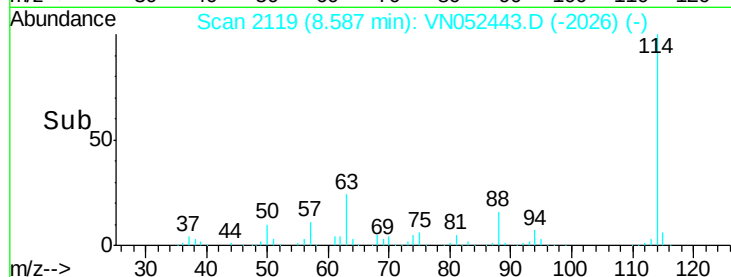
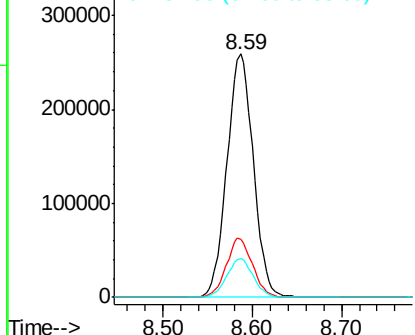
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052443.D
 Acq: 21 Nov 2018 17:24

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-112018

Tgt Ion:114 Resp: 530473
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.4
 88 16.0 0.0 31.2

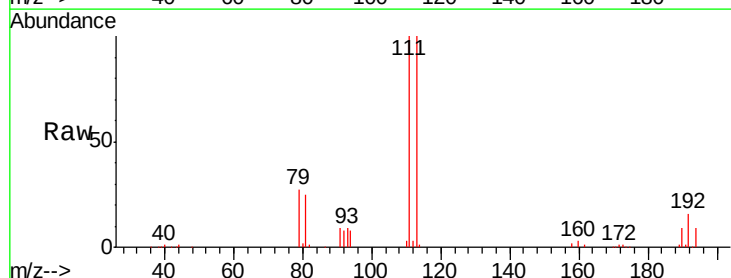


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

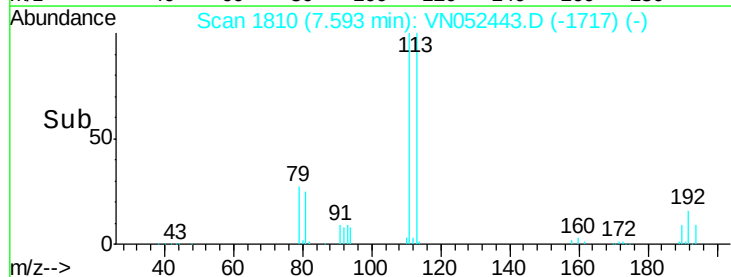
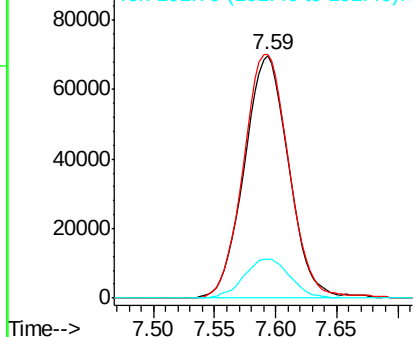


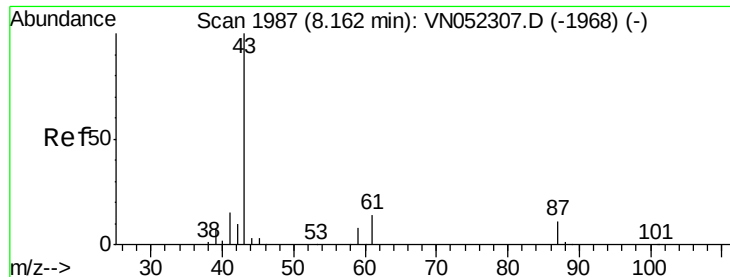
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052443.D
 Acq: 21 Nov 2018 17:24

Tgt Ion:113 Resp: 174694
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.0 121.6
 192 16.9 13.8 20.6



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: 3.01 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052443.D

Acq: 21 Nov 2018 17:24

Instrument :

MSVOA_N

ClientSampled :

OK-03-112018

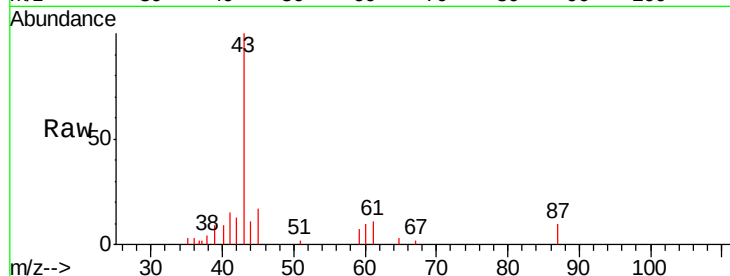
Tgt Ion: 43 Resp: 22440

Ion Ratio Lower Upper

43 100

61 10.6 12.0 18.0#

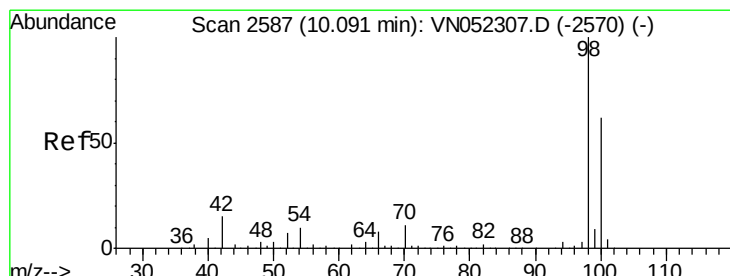
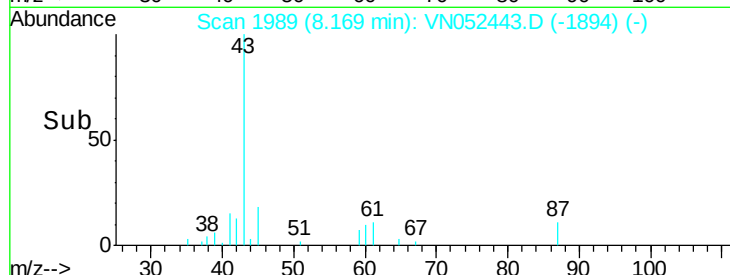
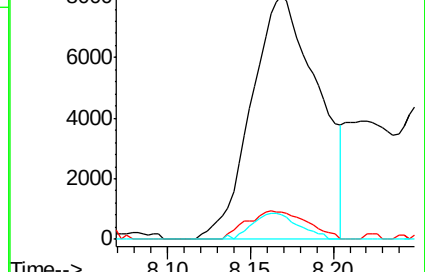
87 7.5 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052443.D

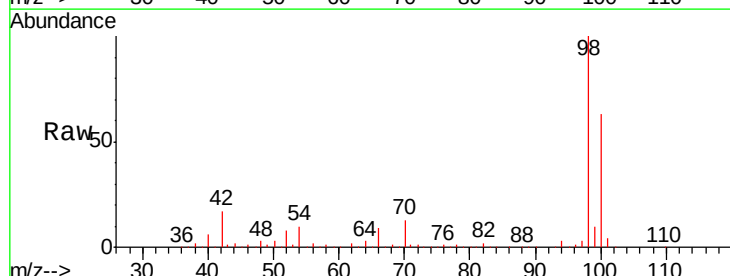
Acq: 21 Nov 2018 17:24

Tgt Ion: 98 Resp: 668636

Ion Ratio Lower Upper

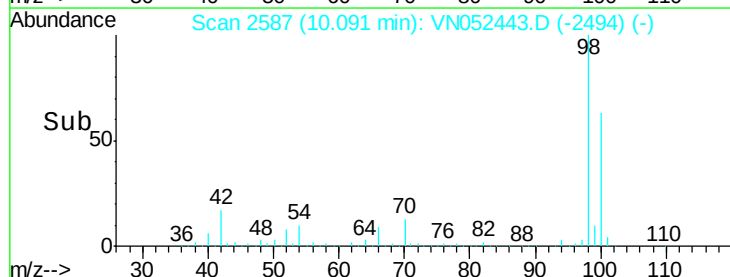
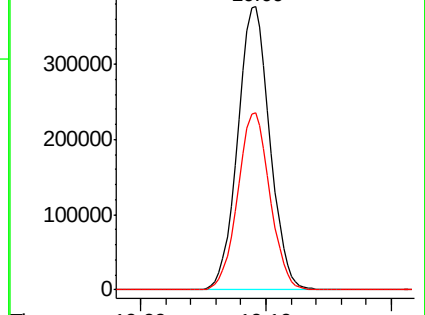
98 100

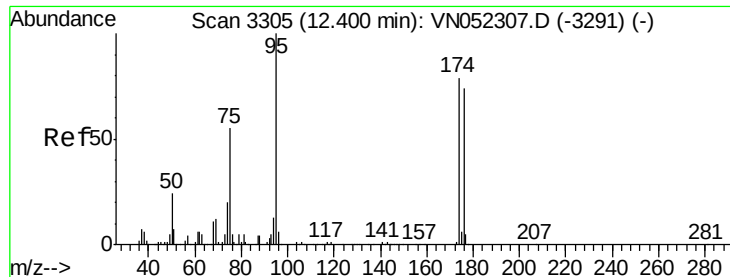
100 62.8 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052443.D

Acq: 21 Nov 2018 17:24

Instrument :

MSVOA_N

ClientSampleId :

OK-03-112018

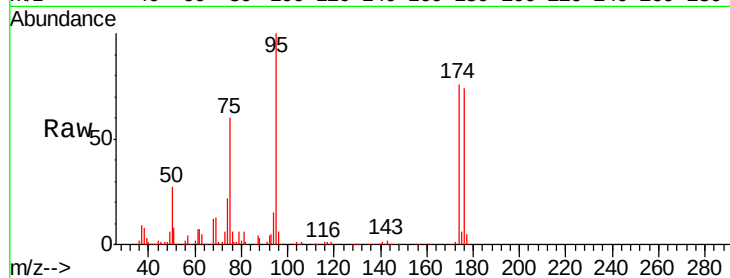
Tgt Ion: 95 Resp: 196848

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

176 73.3 0.0 148.4

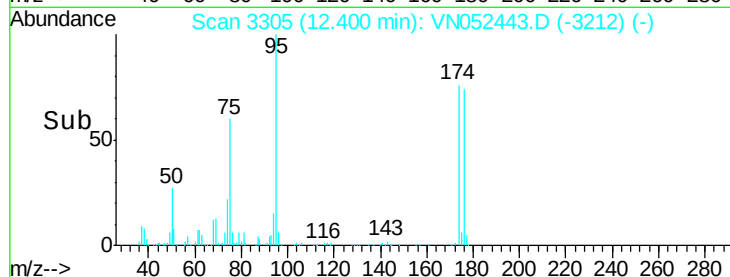


Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052307.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052307.D (-3291) (-)

Time--> 12.30 12.40 12.50

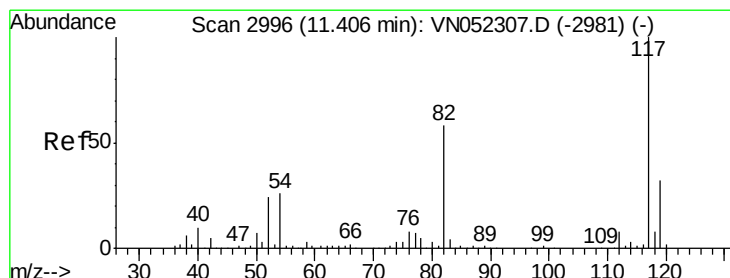


Abundance Ion 94.90 (94.60 to 95.60): VN052443.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052443.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052443.D (-3212) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052443.D

Acq: 21 Nov 2018 17:24

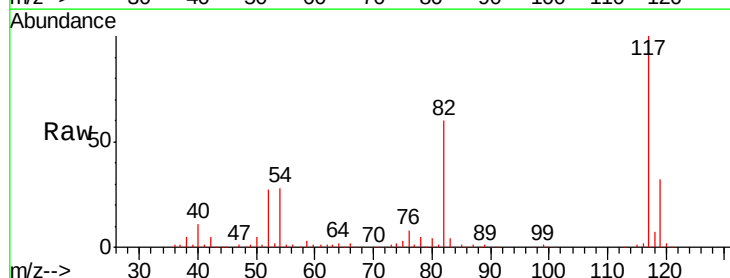
Tgt Ion: 117 Resp: 456114

Ion Ratio Lower Upper

117 100

82 59.8 46.5 69.7

119 32.3 25.7 38.5

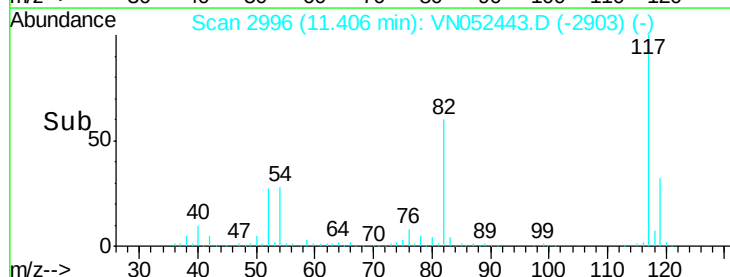


Abundance Ion 116.90 (116.60 to 117.60): VN052307.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052307.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052307.D (-2981) (-)

Time--> 11.30 11.40 11.50

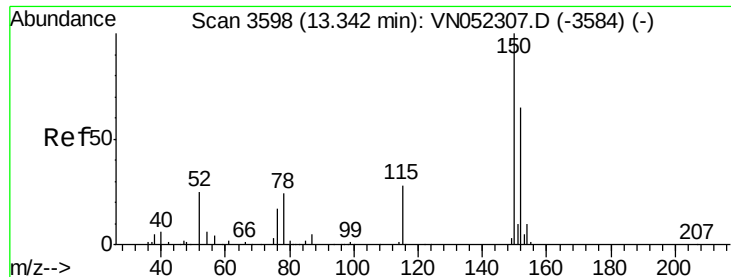


Abundance Ion 116.90 (116.60 to 117.60): VN052443.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052443.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052443.D (-2903) (-)

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052443.D

Acq: 21 Nov 2018 17:24

Instrument :

MSVOA_N

ClientSampleId :

OK-03-112018

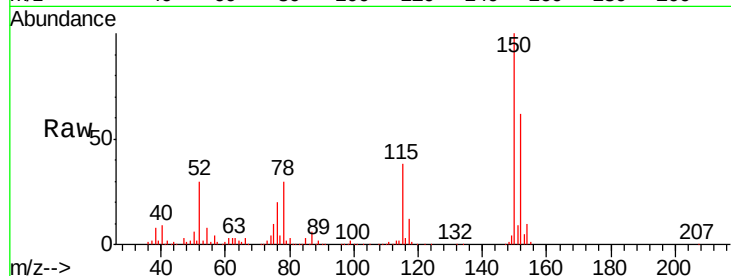
Tgt Ion:152 Resp: 152038

Ion Ratio Lower Upper

152 100

115 62.4 30.3 91.0

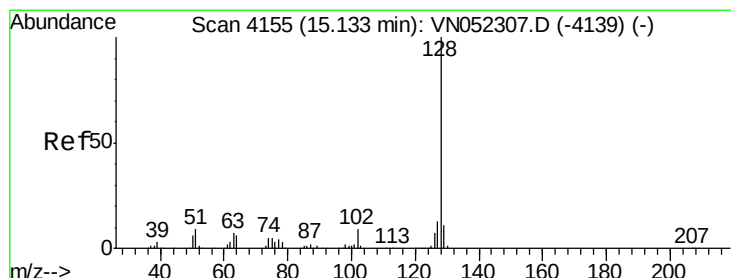
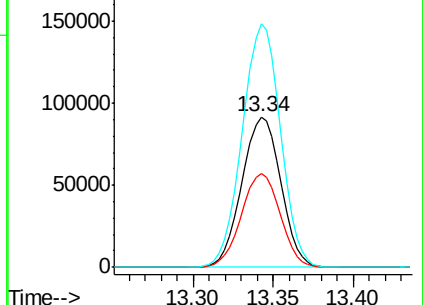
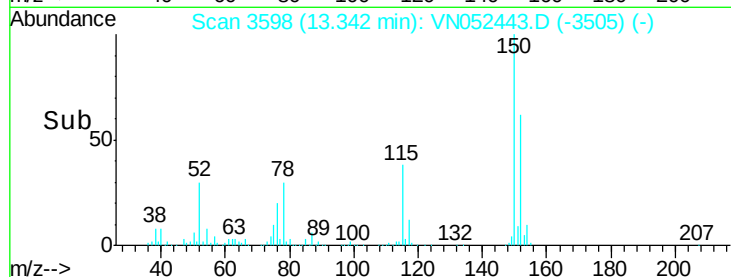
150 159.2 0.0 348.2



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



#95

Naphthalene

Concen: 3.63 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052443.D

Acq: 21 Nov 2018 17:24

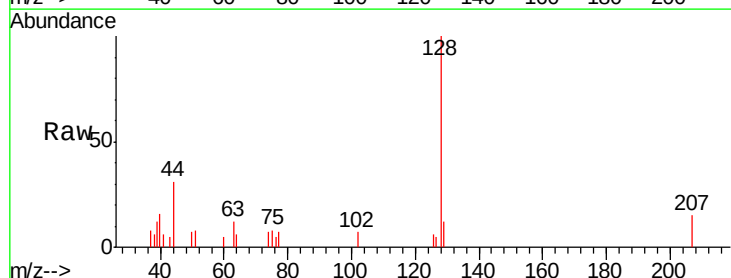
Tgt Ion:128 Resp: 5794

Ion Ratio Lower Upper

128 100

127 7.6 10.4 15.6#

129 9.9 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

