

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052343.D
 Acq On : 15 Nov 2018 15:46
 Operator : MD\SY
 Sample : PB114828ZHE#07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114828ZHE#07

Quant Time: Nov 16 04:02:51 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

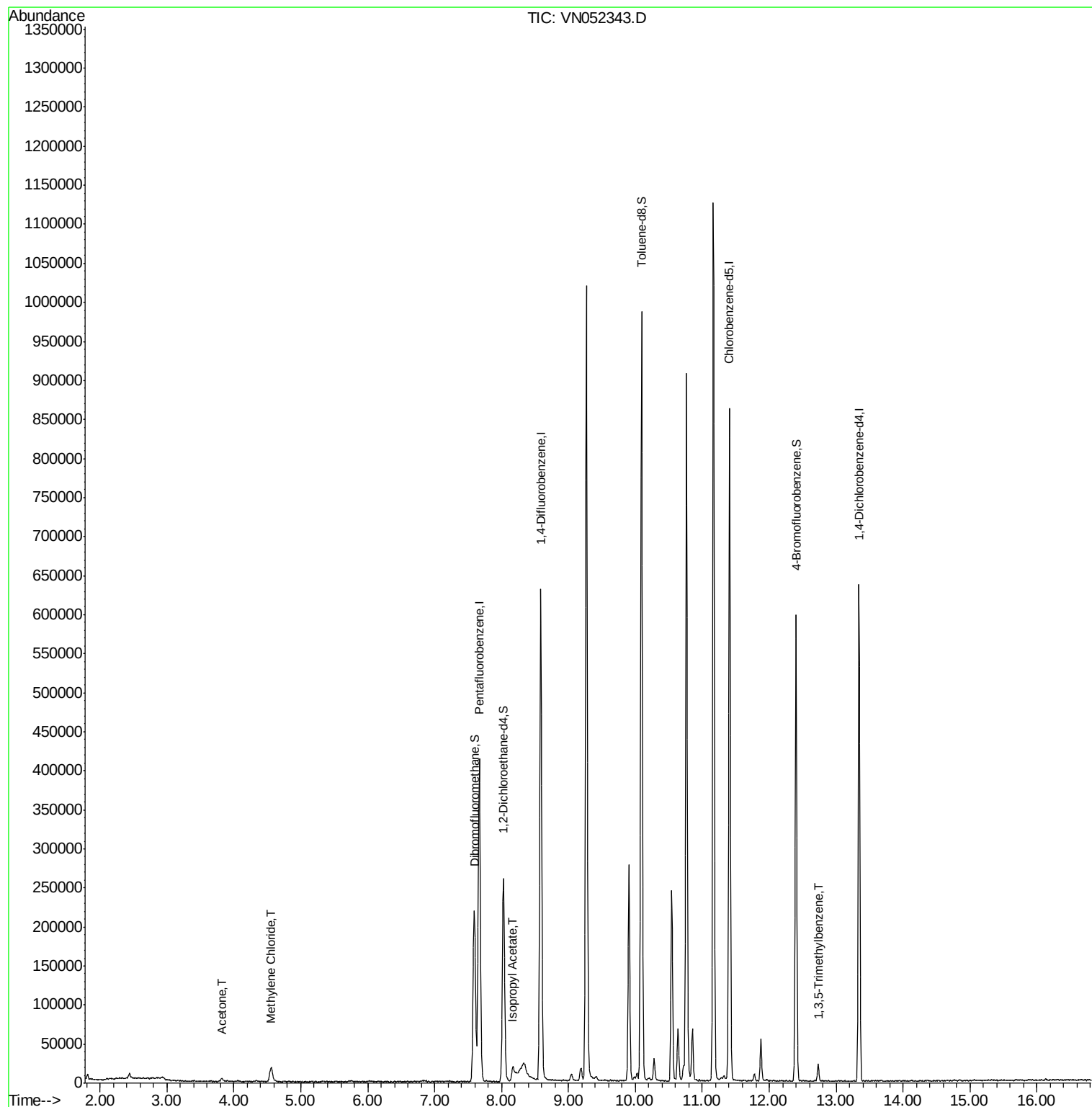
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	311504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	518373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	449566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	217541	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.59	113	165305	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.09	98	648901	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.40	95	189436	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.56%	
Target Compounds						
16) Acetone	3.82	43	6792	5.61	ug/l	99
20) Methylene Chloride	4.55	84	12491	2.73	ug/l #	88
43) Isopropyl Acetate	8.17	43	27777	3.82	ug/l #	91
80) 1,3,5-Trimethylbenzene	12.73	105	9779	1.01	ug/l	100

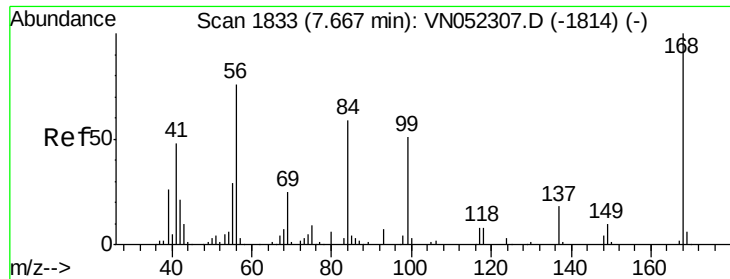
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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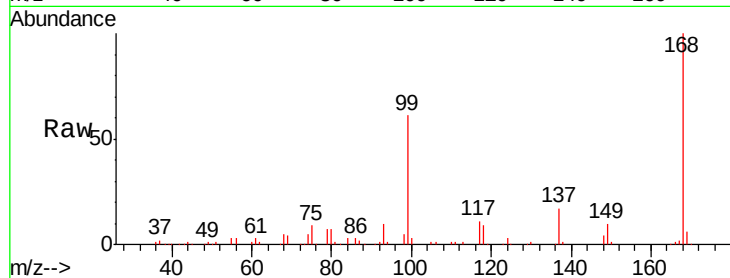




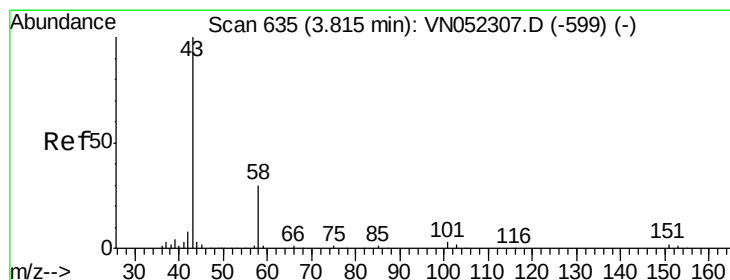
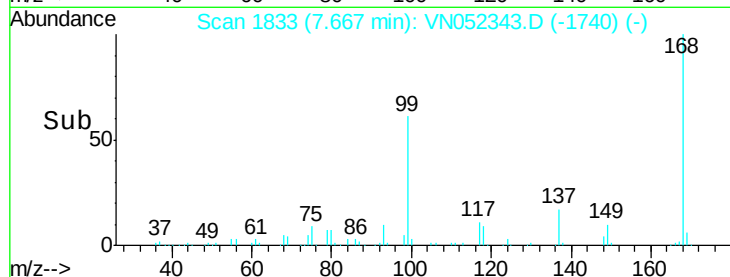
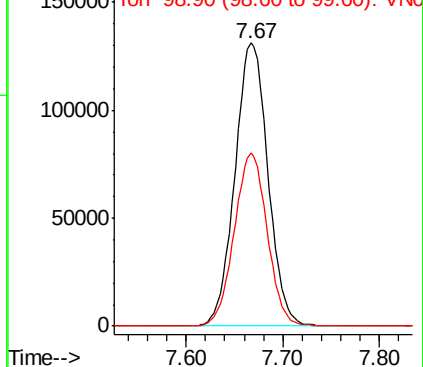
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052343.D
Acq: 15 Nov 2018 15:46

Instrument :
MSVOA_N
ClientSampleId :
PB114828ZHE#07

Tgt Ion:168 Resp: 311504
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9

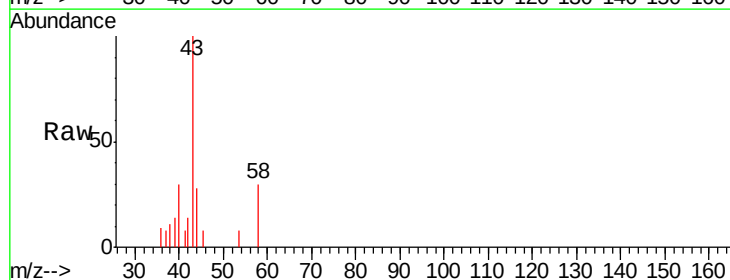


Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)
Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

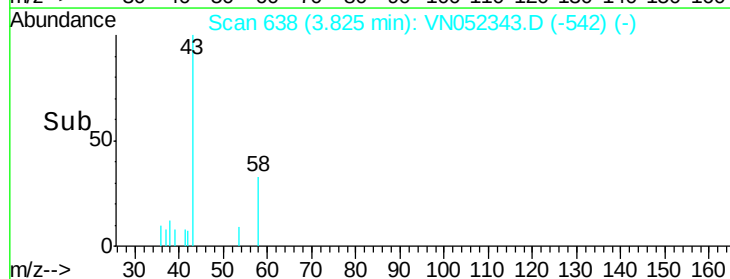
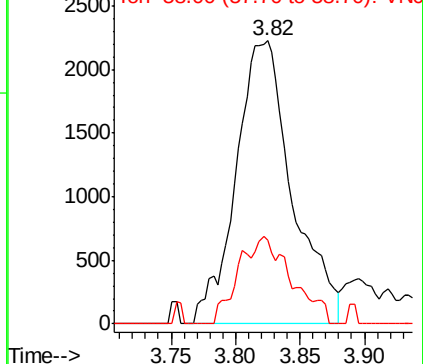


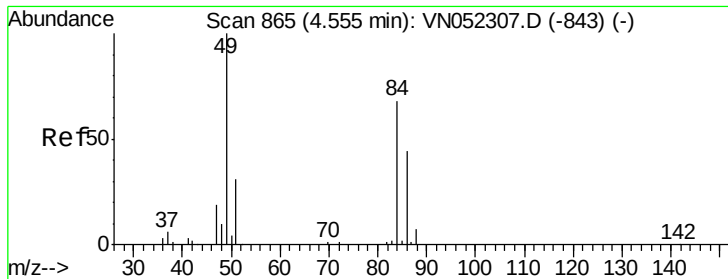
#16
Acetone
Concen: 5.61 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052343.D
Acq: 15 Nov 2018 15:46

Tgt Ion: 43 Resp: 6792
Ion Ratio Lower Upper
43 100
58 29.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)
Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

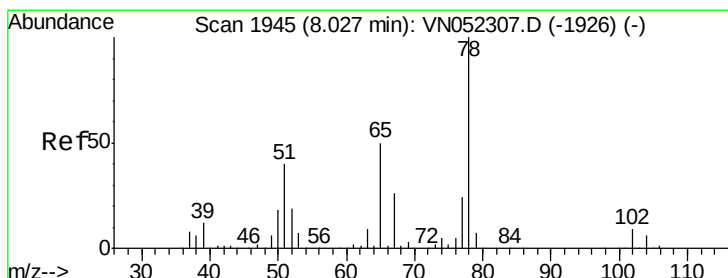
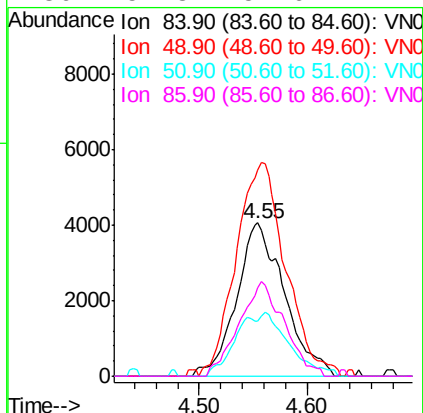
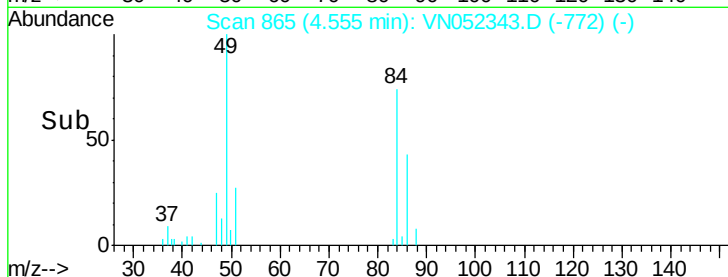
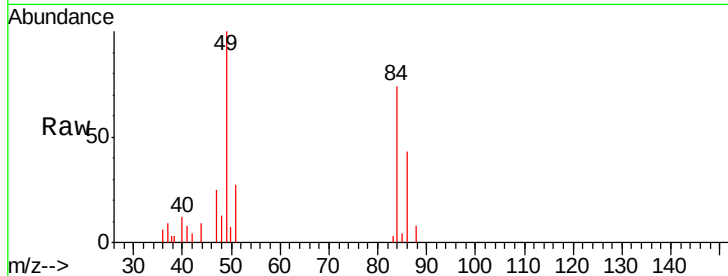




#20
Methylene Chloride
Concen: 2.73 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052343.D
Acq: 15 Nov 2018 15:46

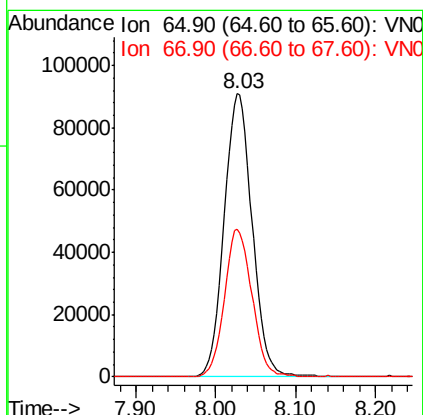
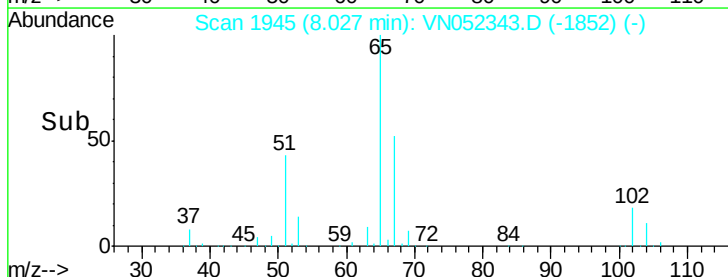
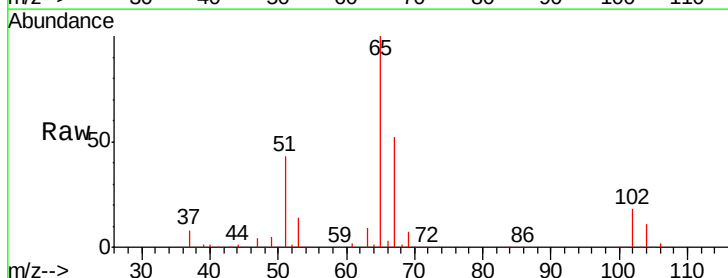
Instrument :
MSVOA_N
ClientSampleId :
PB114828ZHE#07

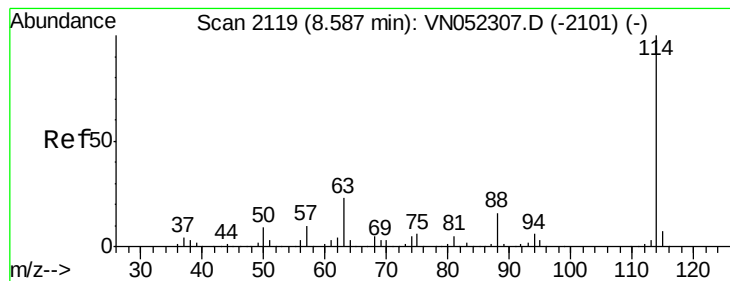
Tgt Ion: 84 Resp: 12491
Ion Ratio Lower Upper
84 100
49 130.8 118.2 177.2
51 35.9 36.1 54.1#
86 57.8 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052343.D
Acq: 15 Nov 2018 15:46

Tgt Ion: 65 Resp: 217541
Ion Ratio Lower Upper
65 100
67 51.2 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: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#07

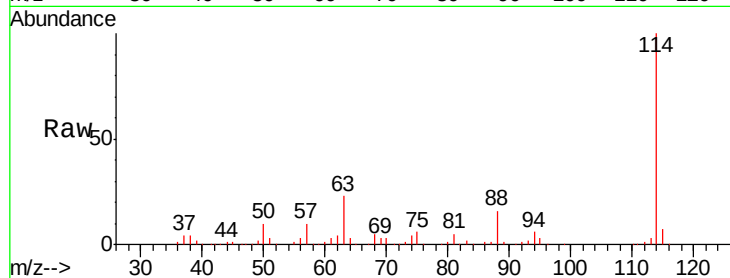
Tgt Ion:114 Resp: 518373

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.4

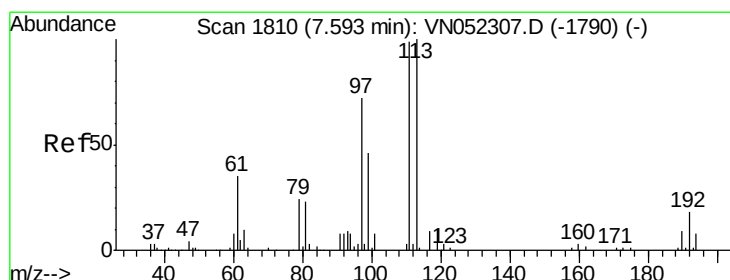
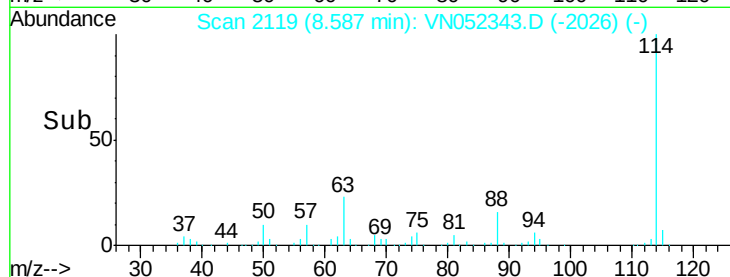
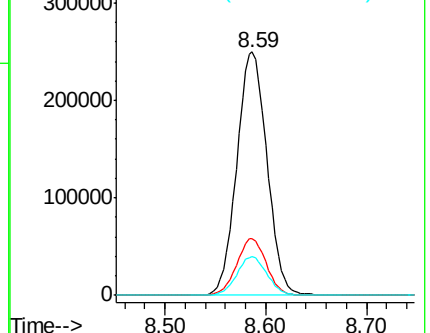
88 15.9 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

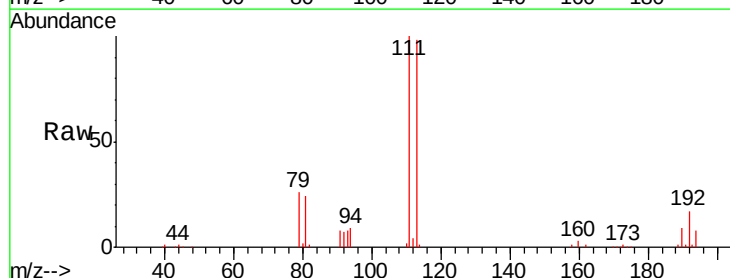
Tgt Ion:113 Resp: 165305

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.6

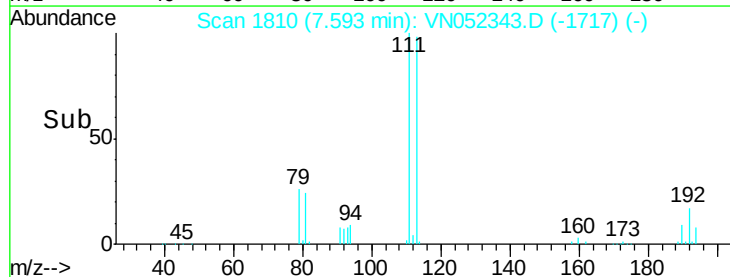
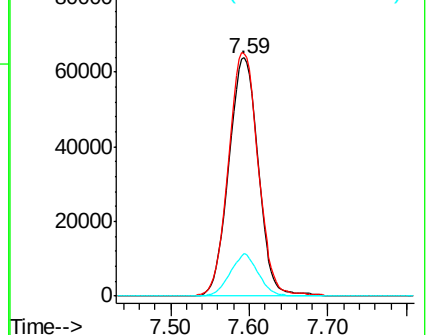
192 16.9 13.8 20.6

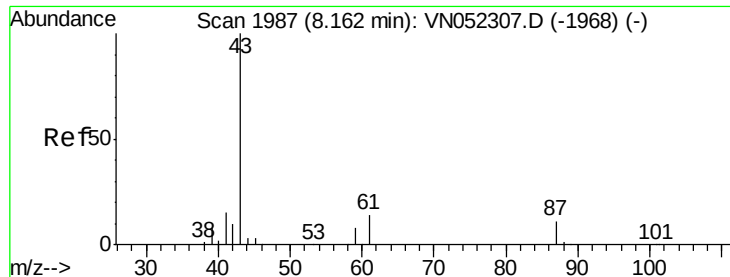


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.82 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#07

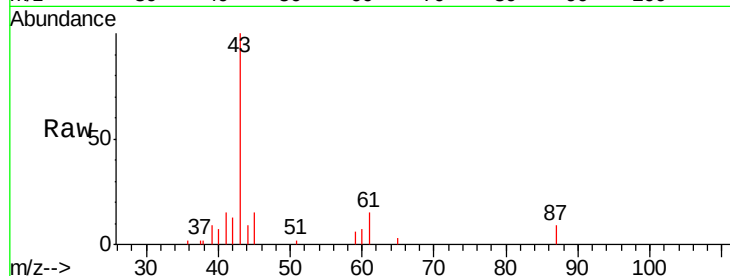
Tgt Ion: 43 Resp: 27777

Ion Ratio Lower Upper

43 100

61 12.6 12.0 18.0

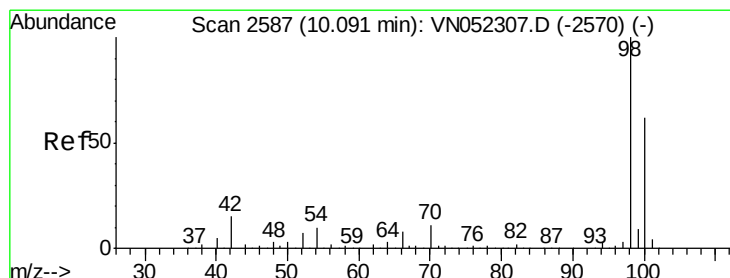
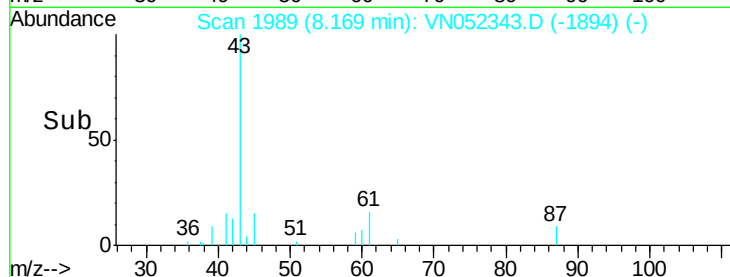
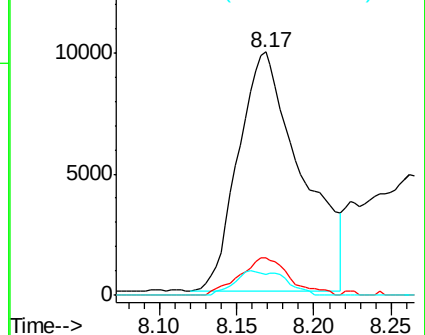
87 4.9 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052343.D

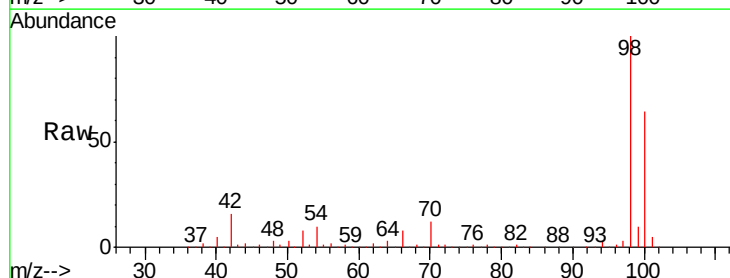
Acq: 15 Nov 2018 15:46

Tgt Ion: 98 Resp: 648901

Ion Ratio Lower Upper

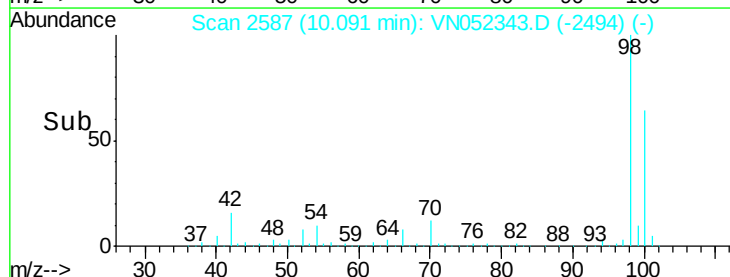
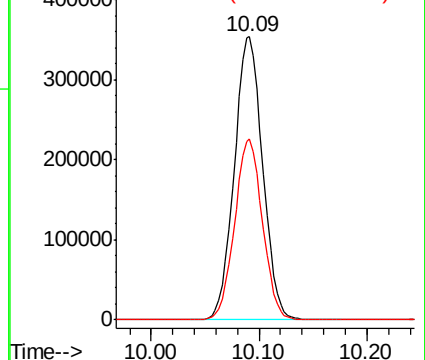
98 100

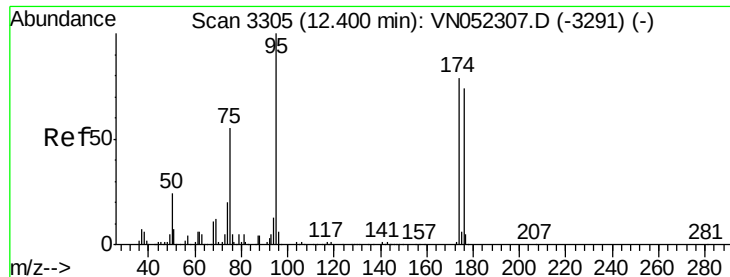
100 62.6 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#07

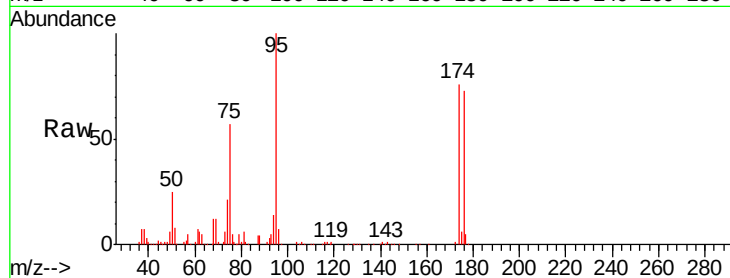
Tgt Ion: 95 Resp: 189436

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.0

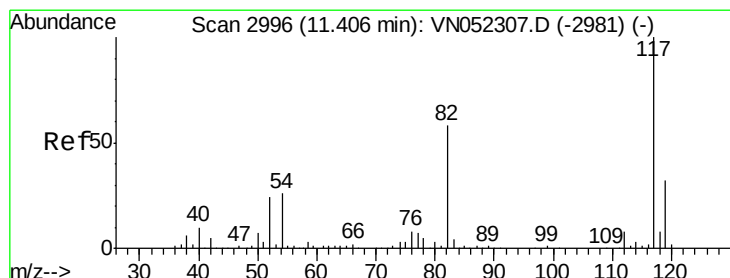
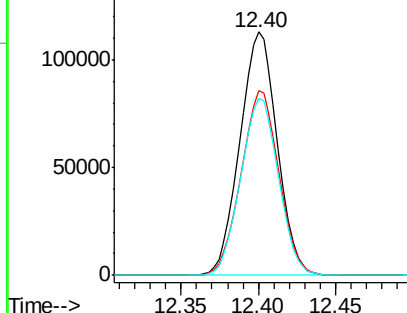
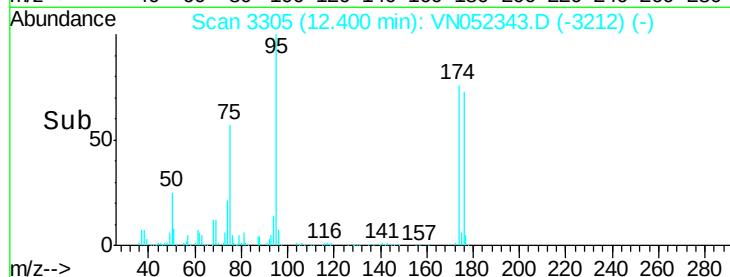
176 73.6 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052343.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052343.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052343.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052343.D

Acq: 15 Nov 2018 15:46

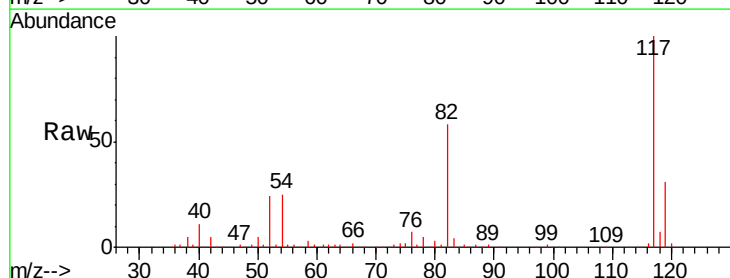
Tgt Ion: 117 Resp: 449566

Ion Ratio Lower Upper

117 100

82 57.8 46.5 69.7

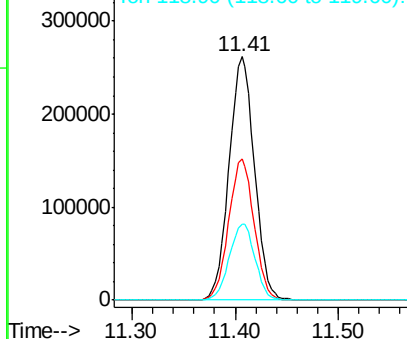
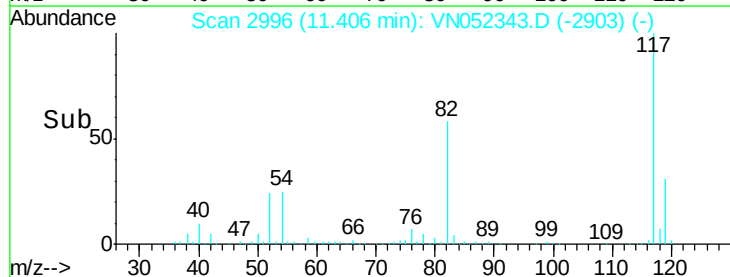
119 31.4 25.7 38.5

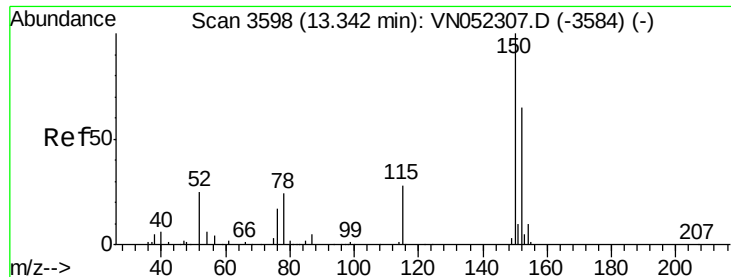


Abundance Ion 116.90 (116.60 to 117.60): VN052343.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052343.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052343.D (-2903) (-)

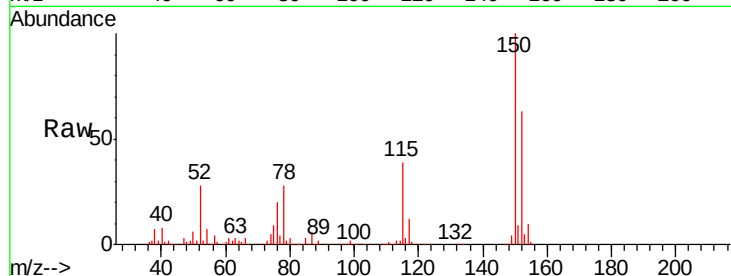




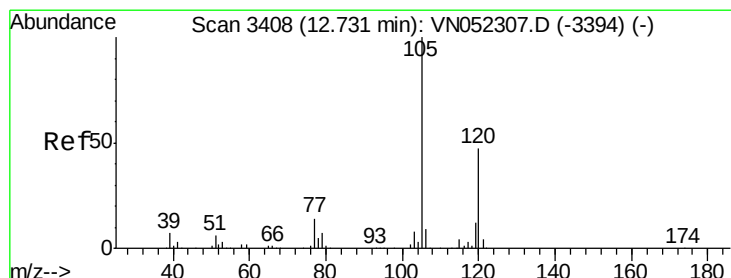
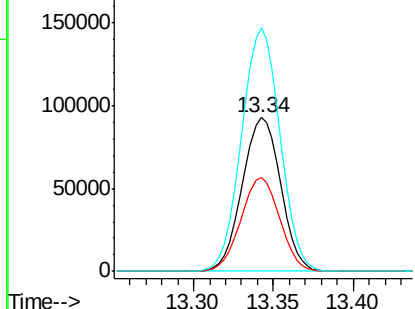
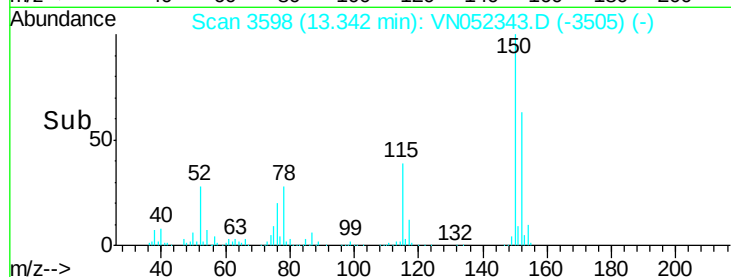
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN052343.D
 Acq: 15 Nov 2018 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114828ZHE#07

Tgt Ion:152 Resp: 152040
 Ion Ratio Lower Upper
 152 100
 115 61.5 30.3 91.0
 150 158.3 0.0 348.2

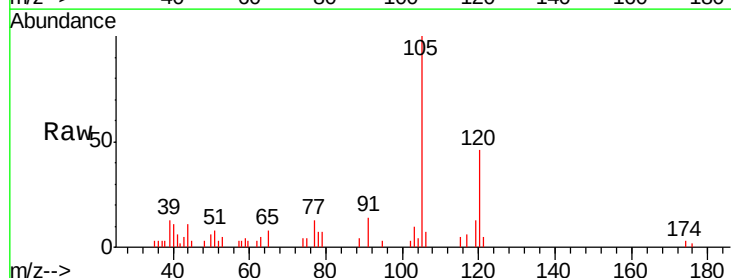


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#80
 1,3,5-Trimethylbenzene
 Concen: 1.01 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN052343.D
 Acq: 15 Nov 2018 15:46

Tgt Ion:105 Resp: 9779
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

