

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052340.D
 Acq On : 15 Nov 2018 14:26
 Operator : MD\SY
 Sample : PB114828ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114828ZHE#04

Quant Time: Nov 16 03:46:55 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

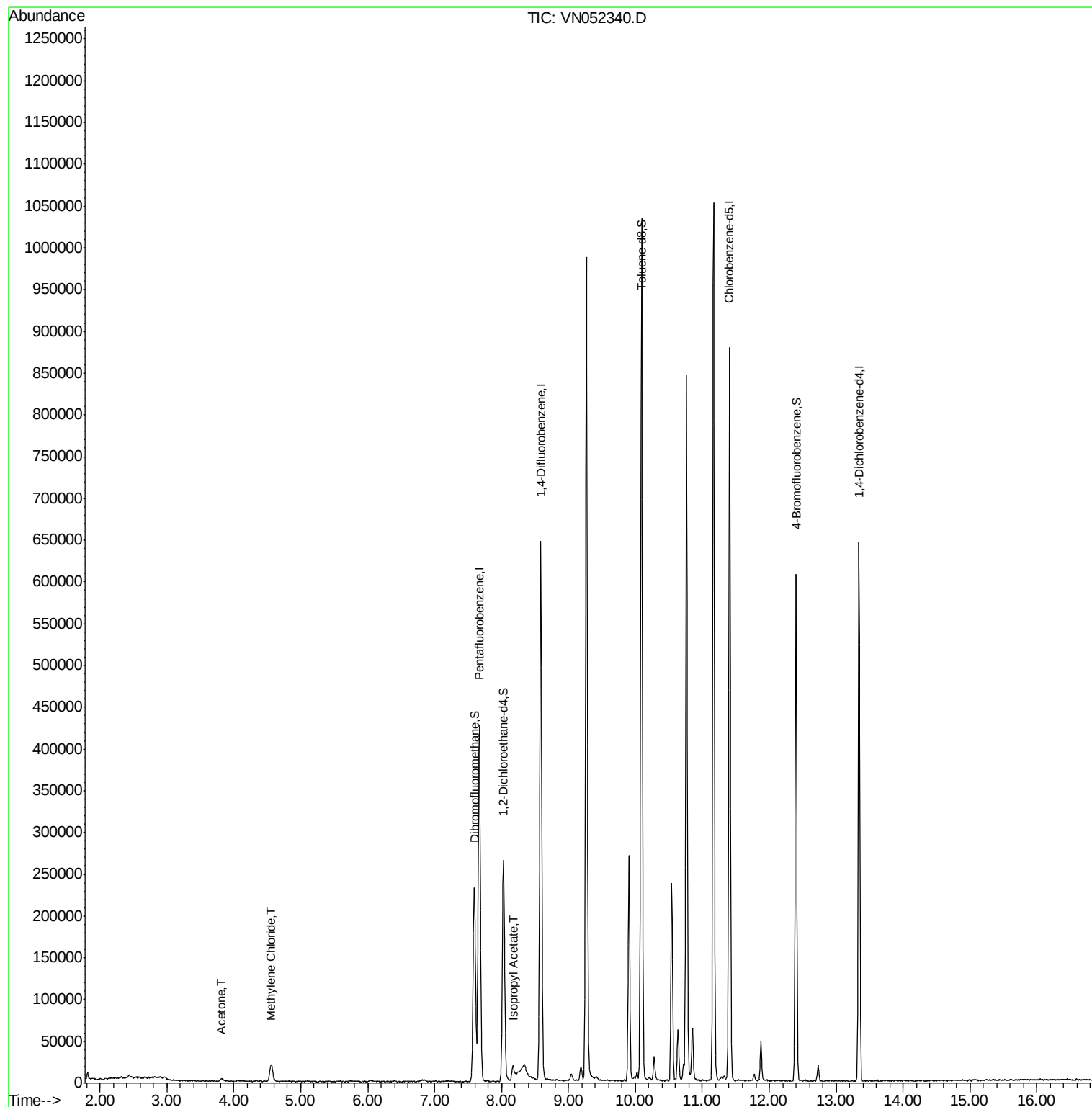
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	316745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	534483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	222200	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	7.59	113	172417	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	679472	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	192188	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	
Target Compounds						
16) Acetone	3.81	43	6888	5.59	ug/l #	84
20) Methylene Chloride	4.56	84	13472	2.94	ug/l	98
43) Isopropyl Acetate	8.17	43	25374	3.38	ug/l #	96

(#) = 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

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ClientSampleId :

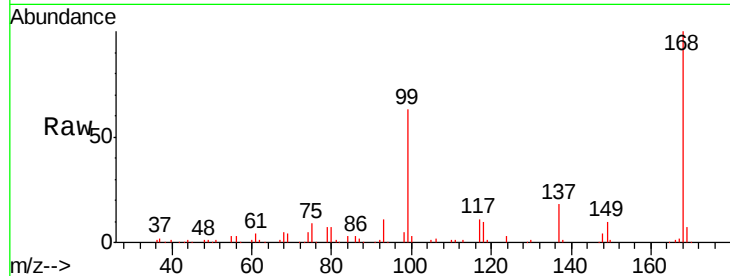
PB114828ZHE#04

Tgt Ion:168 Resp: 316745

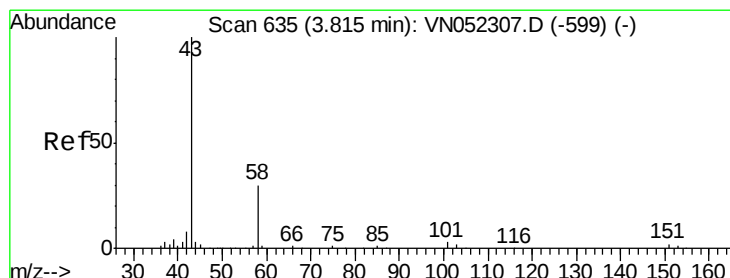
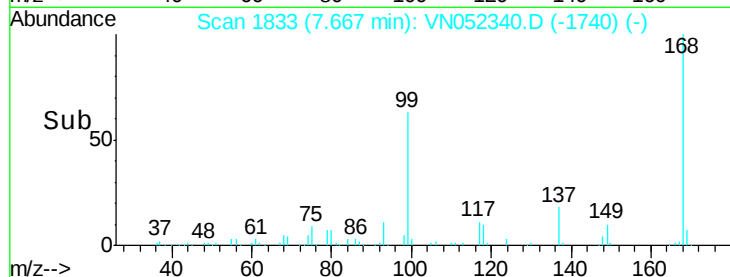
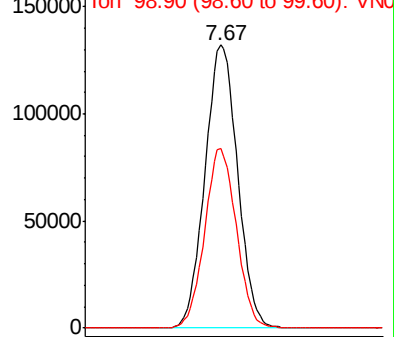
Ion Ratio Lower Upper

168 100

99 63.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052340.D (-1740) (-)



#16

Acetone

Concen: 5.59 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052340.D

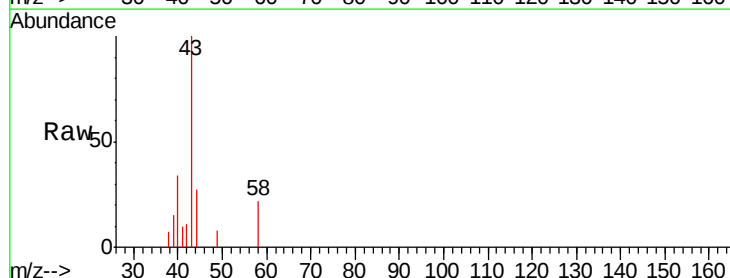
Acq: 15 Nov 2018 14:26

Tgt Ion: 43 Resp: 6888

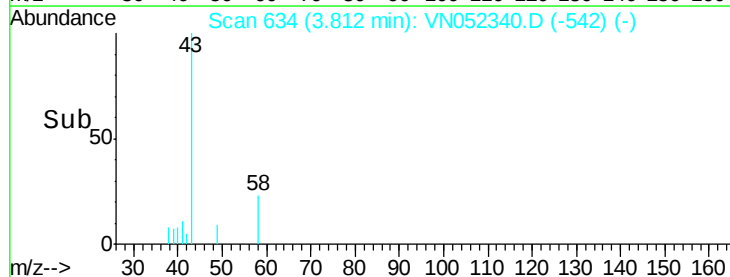
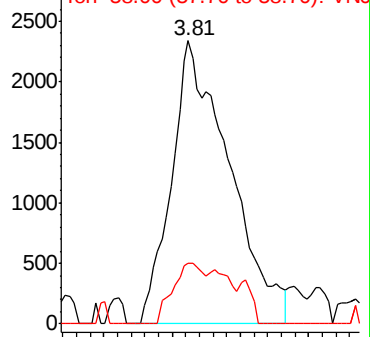
Ion Ratio Lower Upper

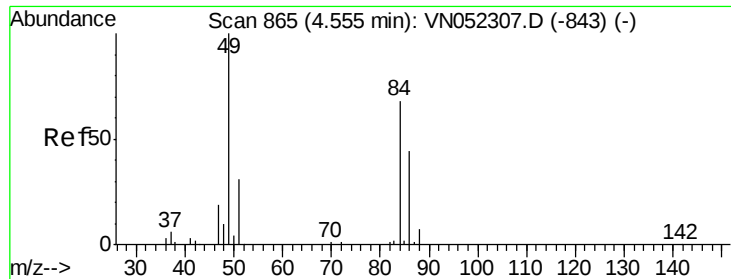
43 100

58 21.6 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052340.D (-542) (-)

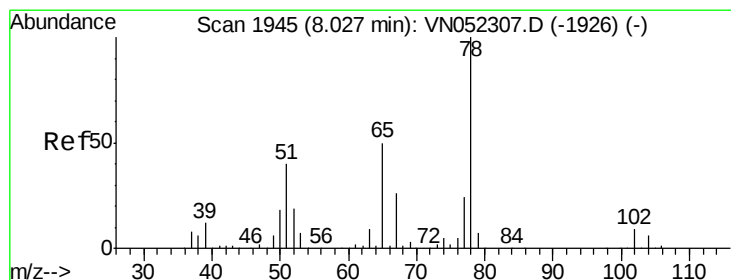
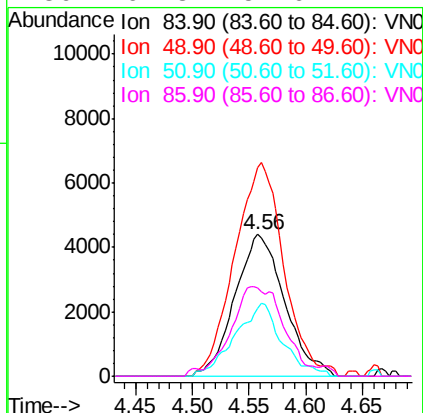
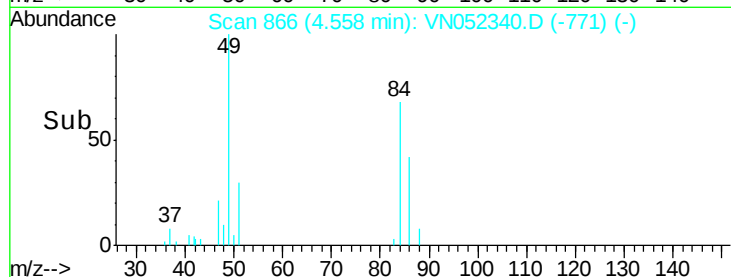
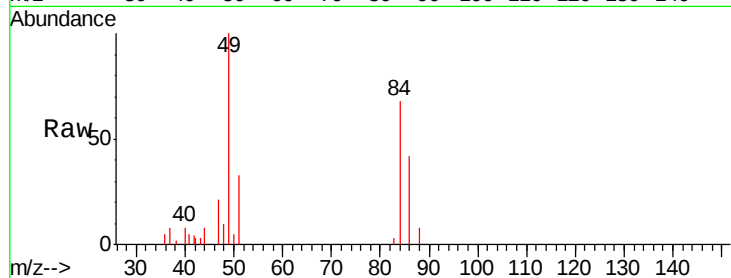




#20
Methylene Chloride
Concen: 2.94 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052340.D
Acq: 15 Nov 2018 14:26

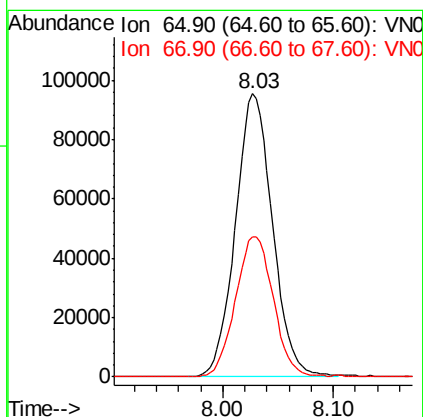
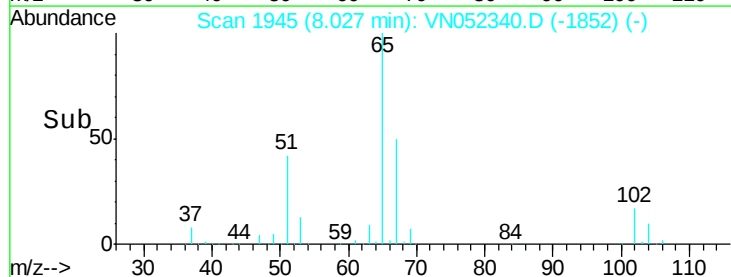
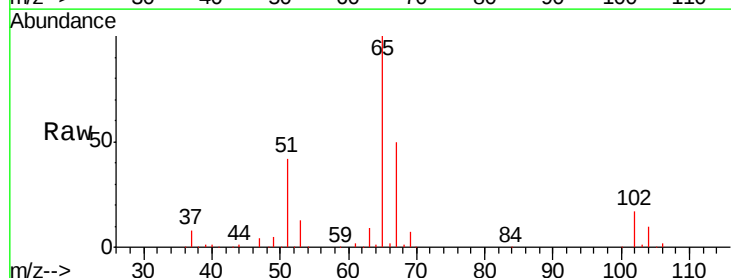
Instrument :
MSVOA_N
ClientSampleId :
PB114828ZHE#04

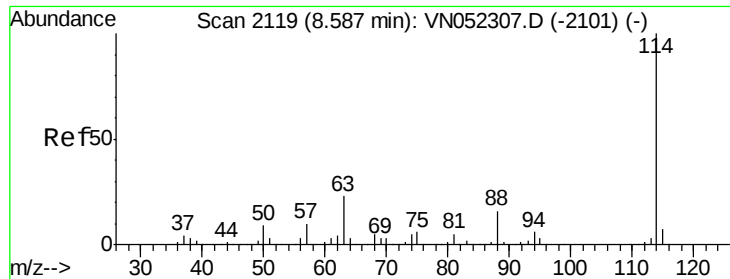
Tgt Ion: 84 Resp: 13472
Ion Ratio Lower Upper
84 100
49 146.8 118.2 177.2
51 47.9 36.1 54.1
86 62.3 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052340.D
Acq: 15 Nov 2018 14:26

Tgt Ion: 65 Resp: 222200
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.2

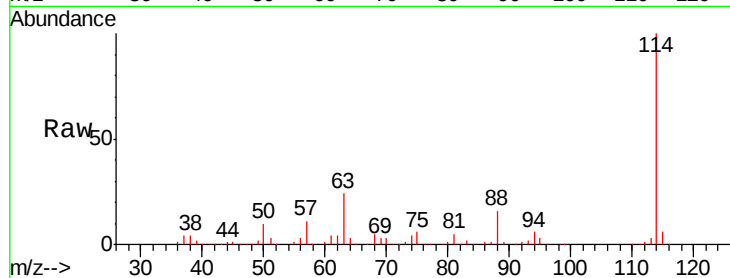




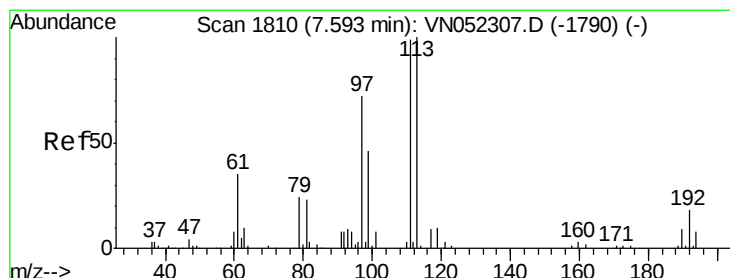
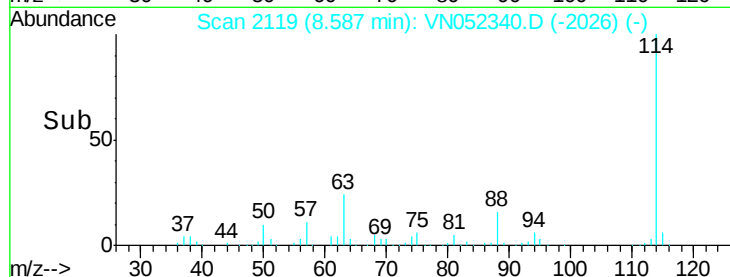
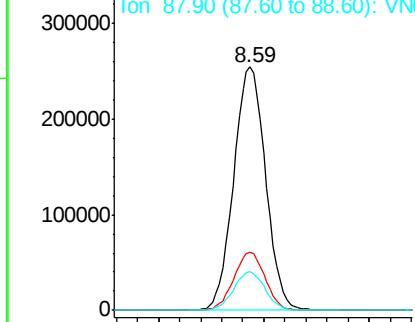
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052340.D
 Acq: 15 Nov 2018 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114828ZHE#04

Tgt Ion:114 Resp: 534483
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 45.4
 88 15.7 0.0 31.2

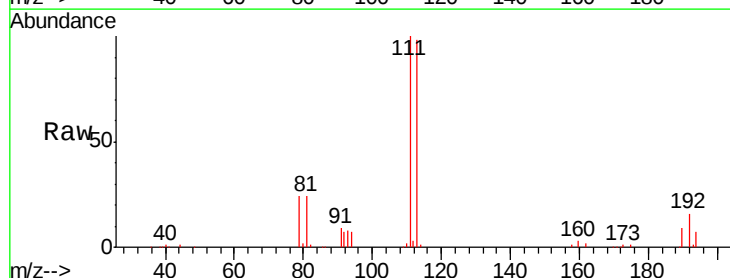


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

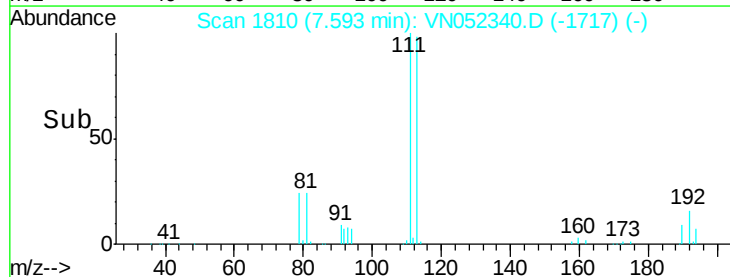
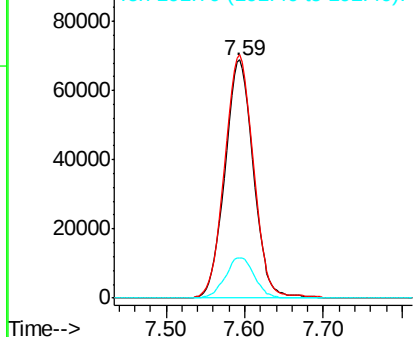


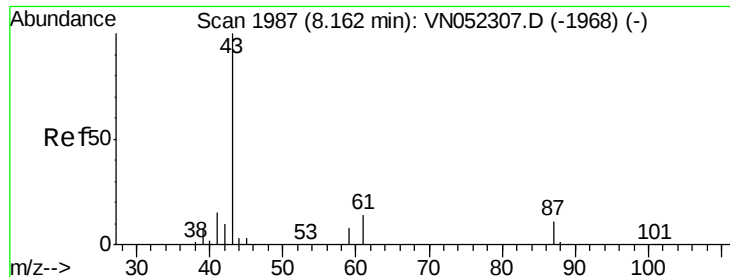
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052340.D
 Acq: 15 Nov 2018 14:26

Tgt Ion:113 Resp: 172417
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.0 121.6
 192 17.3 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: 3.38 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052340.D

Acq: 15 Nov 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#04

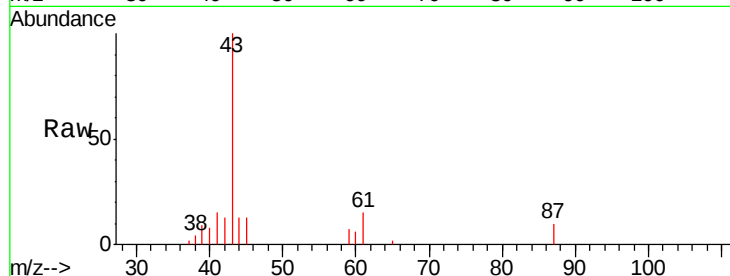
Tgt Ion: 43 Resp: 25374

Ion Ratio Lower Upper

43 100

61 14.4 12.0 18.0

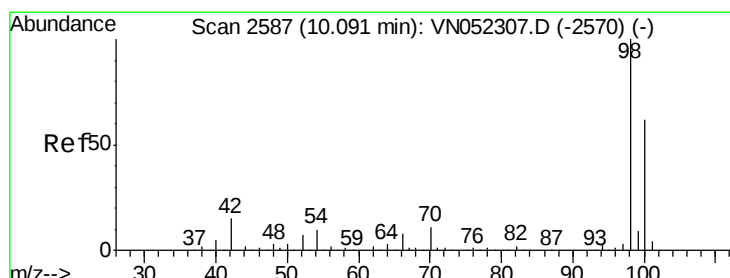
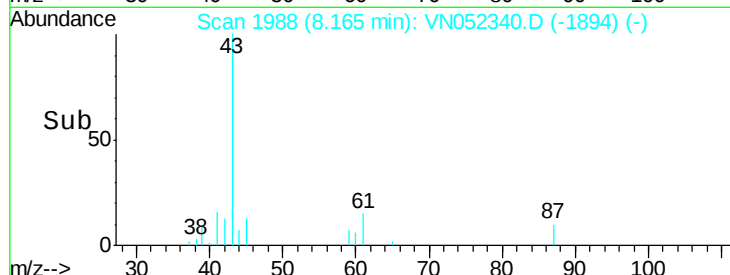
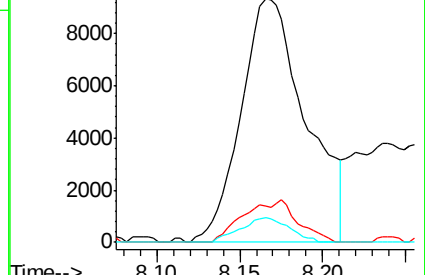
87 7.6 8.3 12.5#



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: VN052340.D

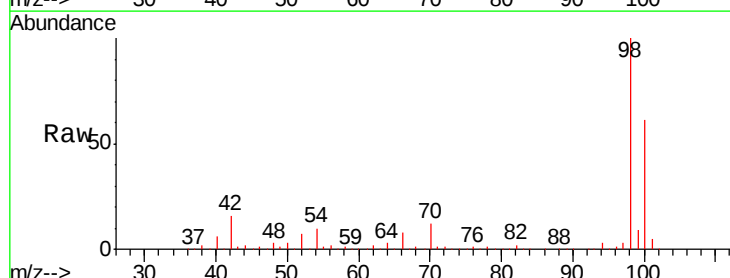
Acq: 15 Nov 2018 14:26

Tgt Ion: 98 Resp: 679472

Ion Ratio Lower Upper

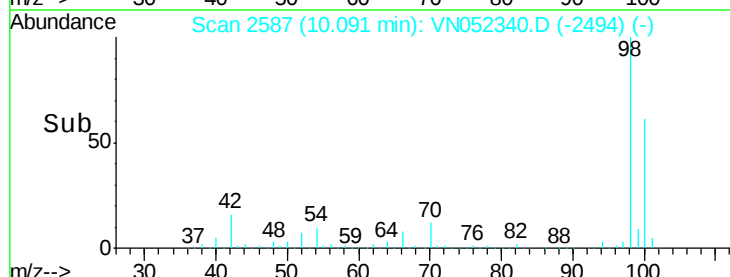
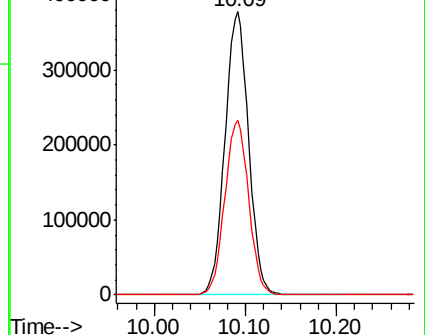
98 100

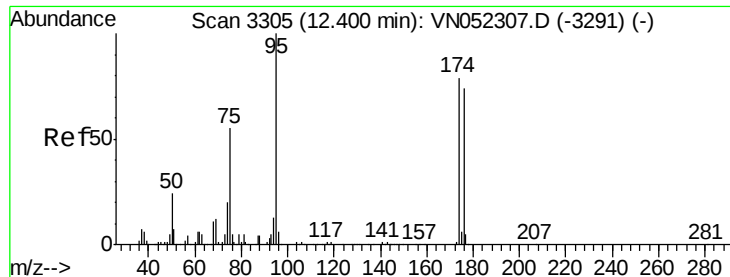
100 62.0 49.5 74.3



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: VN052340.D

Acq: 15 Nov 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#04

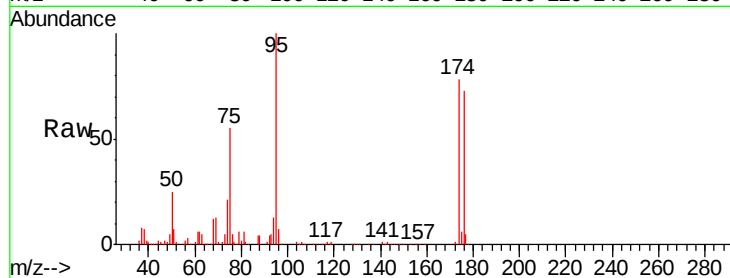
Tgt Ion: 95 Resp: 192188

Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.0

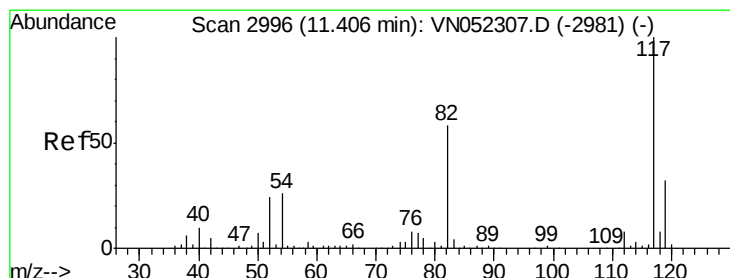
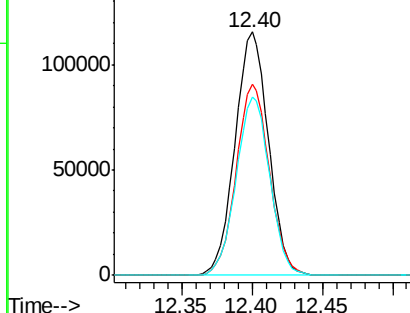
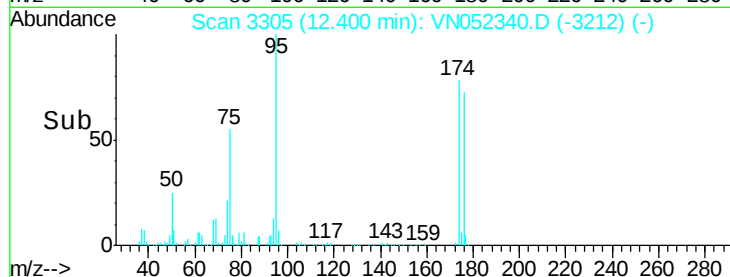
176 73.3 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052340.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052340.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052340.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052340.D

Acq: 15 Nov 2018 14:26

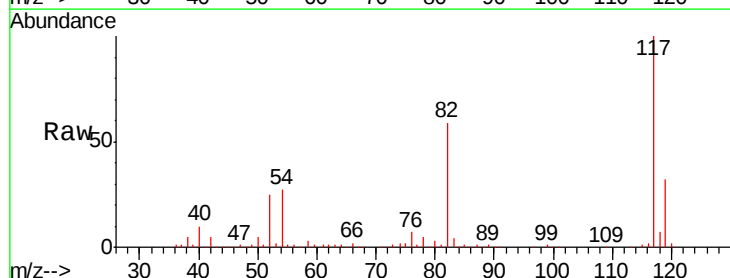
Tgt Ion: 117 Resp: 458335

Ion Ratio Lower Upper

117 100

82 58.8 46.5 69.7

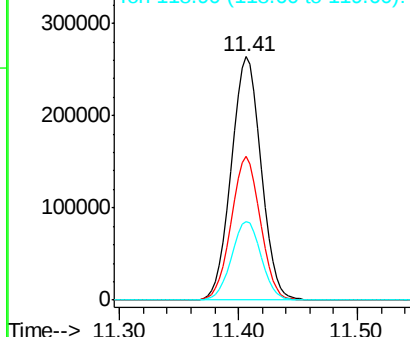
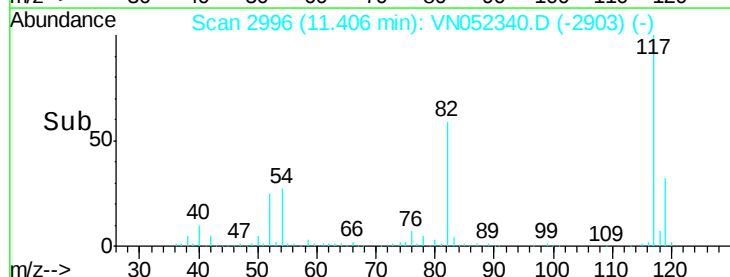
119 32.4 25.7 38.5

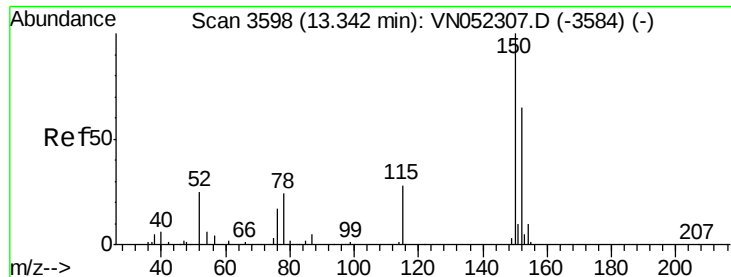


Abundance Ion 116.90 (116.60 to 117.60): VN052340.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052340.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052340.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: VN052340.D

Acq: 15 Nov 2018 14:26

Instrument :

MSVOA_N

ClientSampleId :

PB114828ZHE#04

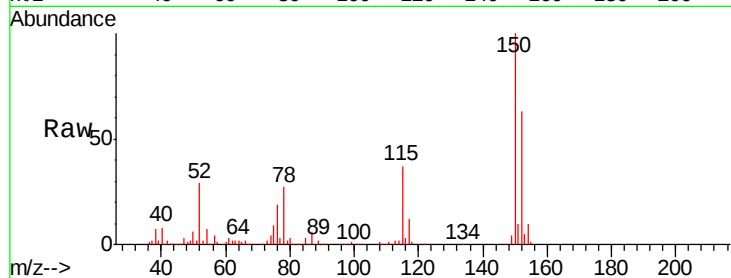
Tgt Ion:152 Resp: 154281

Ion Ratio Lower Upper

152 100

115 59.2 30.3 91.0

150 159.5 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

