

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052567.D
 Acq On : 29 Nov 2018 16:12
 Operator : MD\SY
 Sample : PB115155ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115155ZHE#05

Quant Time: Nov 30 03:22:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

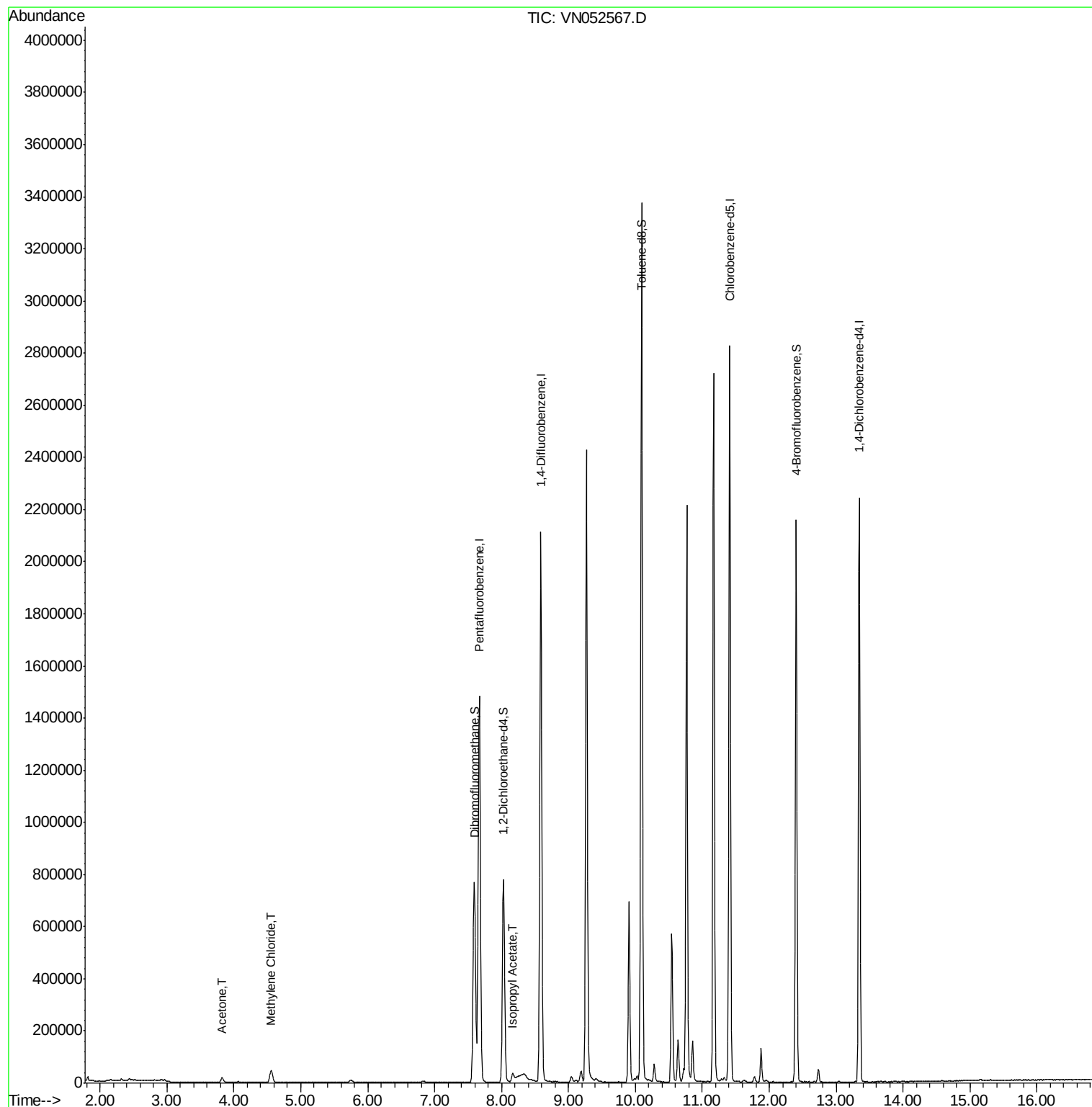
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1284649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1949532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1719228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	633277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	664367	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	7.59	113	604581	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.09	98	2380134	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	744973	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
Target Compounds						
16) Acetone	3.82	43	32422	8.788	ug/l	97
20) Methylene Chloride	4.56	84	34979	2.423	ug/l	96
43) Isopropyl Acetate	8.17	43	48208	2.535	ug/l #	84

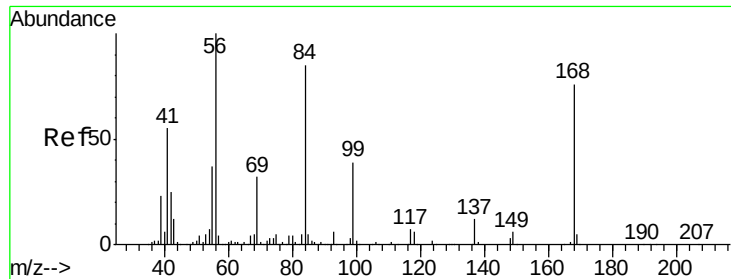
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052567.D

Acq: 29 Nov 2018 16:12

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MSVOA_N

ClientSampleId :

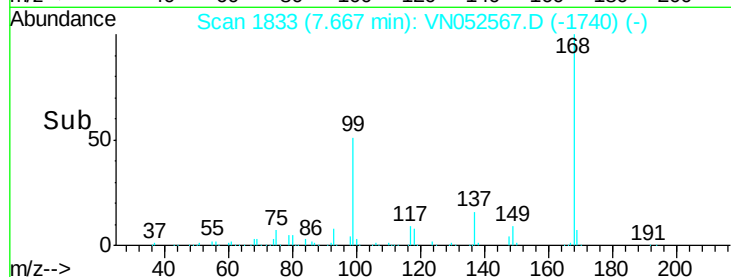
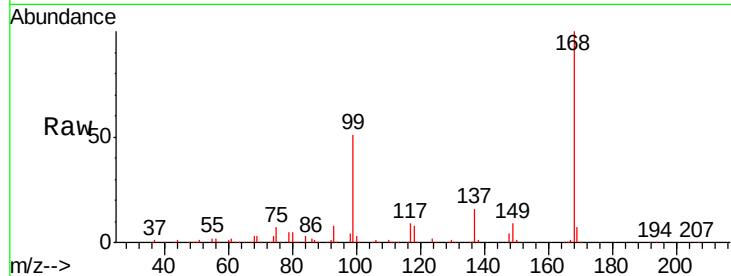
PB115155ZHE#05

Tgt Ion:168 Resp: 1284649

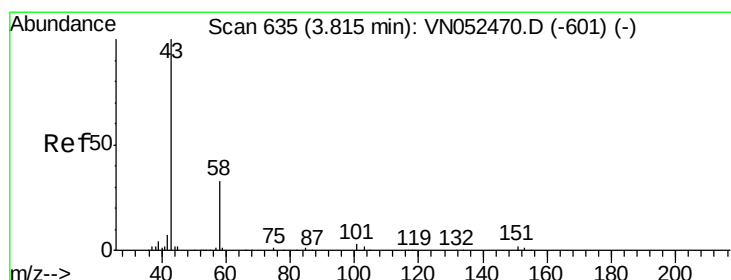
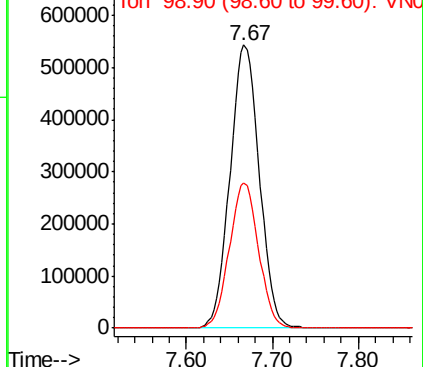
Ion Ratio Lower Upper

168 100

99 51.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052567.D (-1740) (-)



#16

Acetone

Concen: 8.788 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052567.D

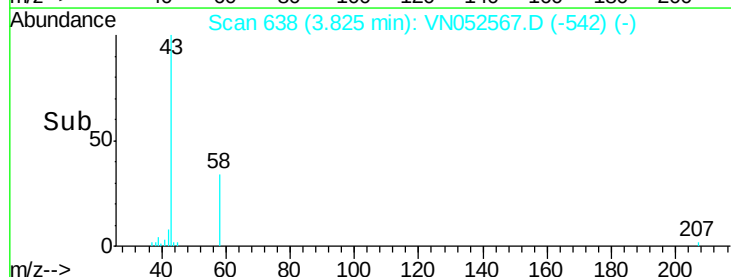
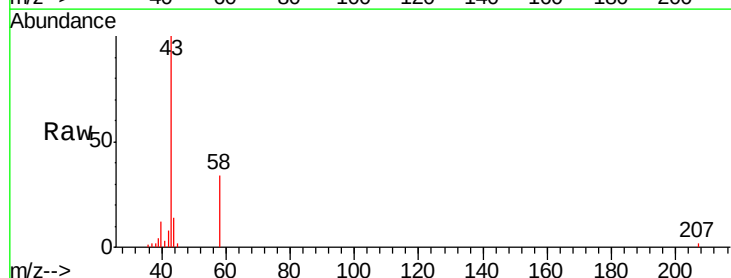
Acq: 29 Nov 2018 16:12

Tgt Ion: 43 Resp: 32422

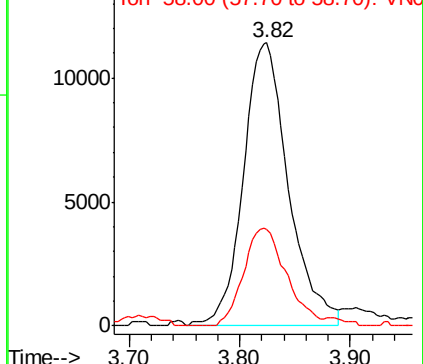
Ion Ratio Lower Upper

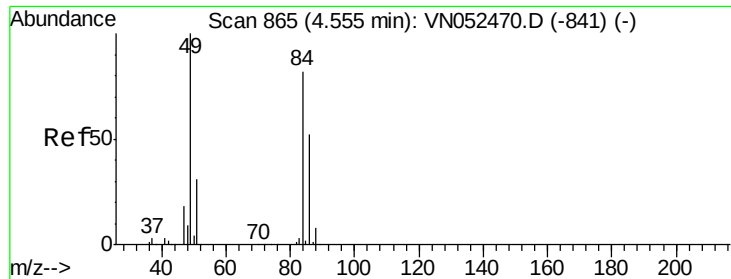
43 100

58 34.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052567.D (-542) (-)

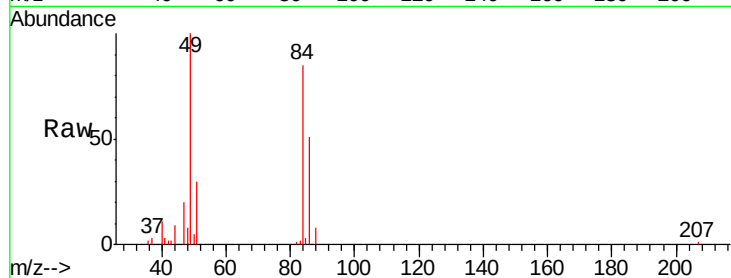




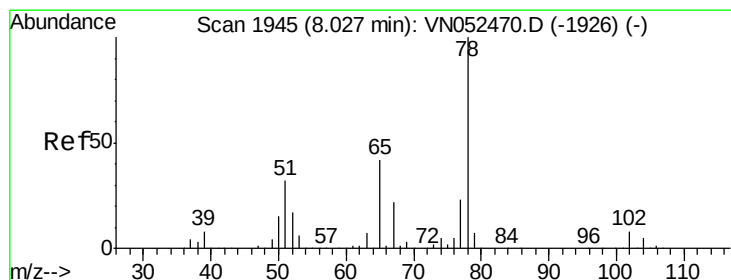
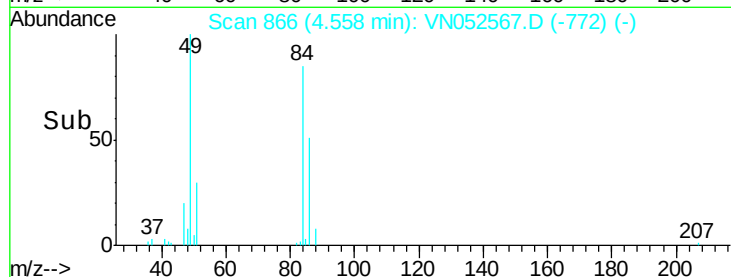
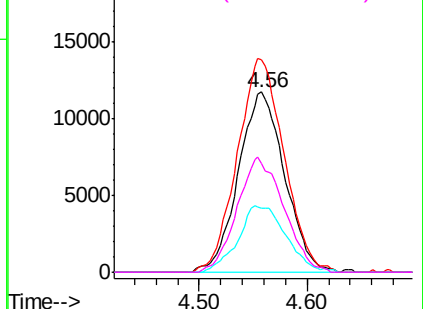
#20
Methylene Chloride
Concen: 2.423 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052567.D
Acq: 29 Nov 2018 16:12

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#05

Tgt Ion: 84 Resp: 34979
Ion Ratio Lower Upper
84 100
49 117.9 98.0 147.0
51 35.4 30.1 45.1
86 60.3 50.7 76.1

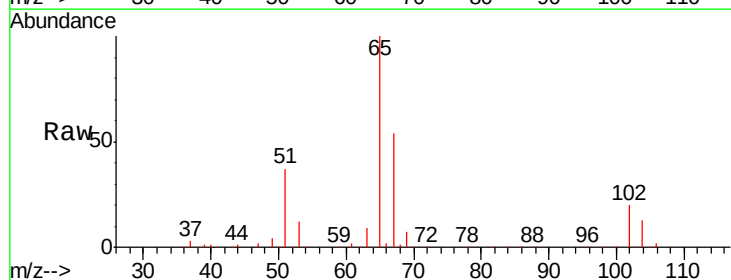


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

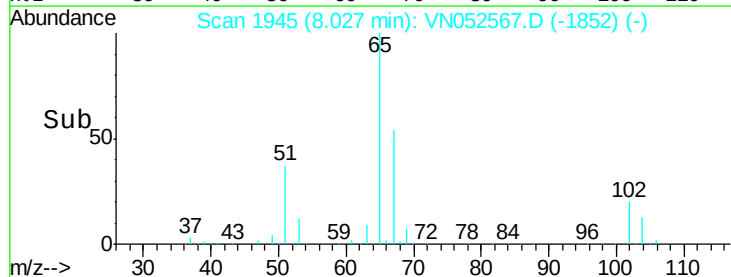
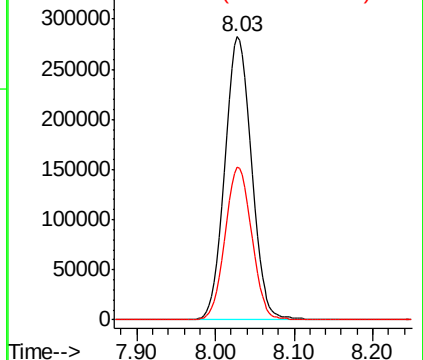


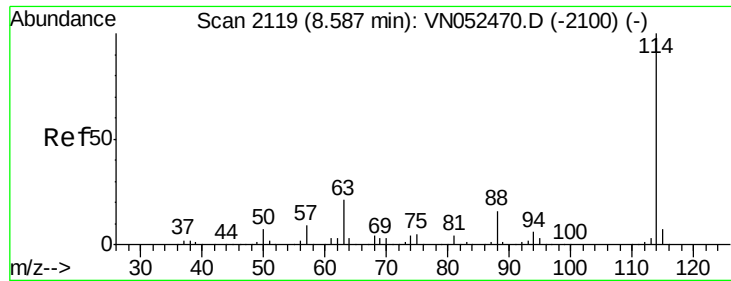
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052567.D
Acq: 29 Nov 2018 16:12

Tgt Ion: 65 Resp: 664367
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

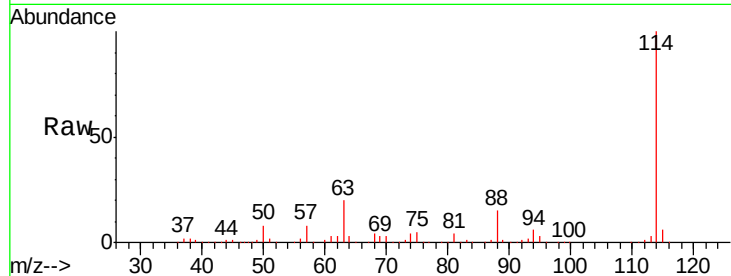




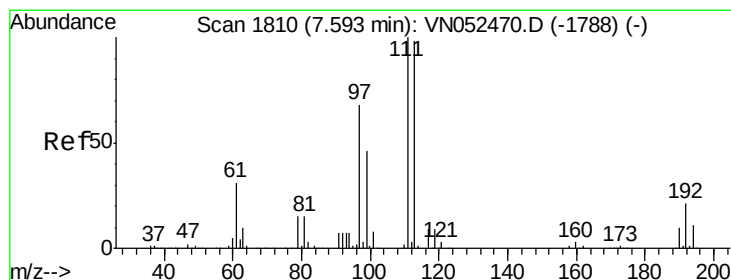
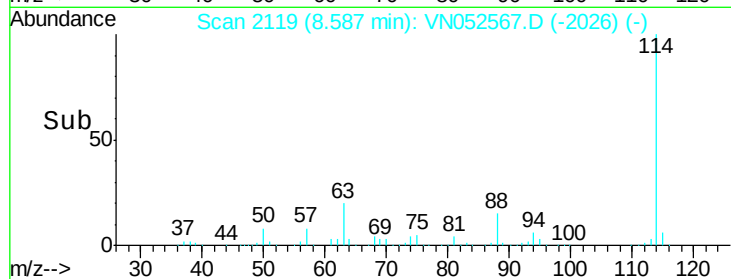
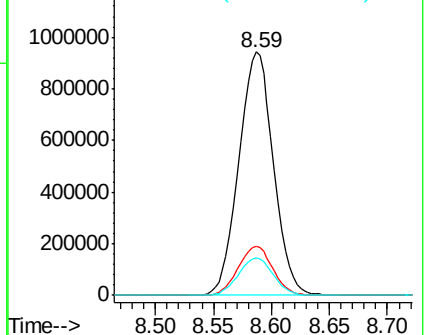
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052567.D
Acq: 29 Nov 2018 16:12

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#05

Tgt Ion:114 Resp: 1949532
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 15.4 0.0 31.6

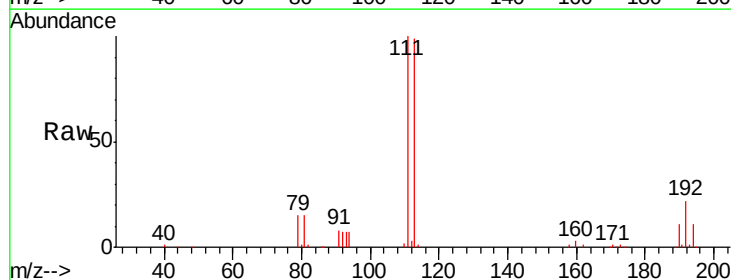


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

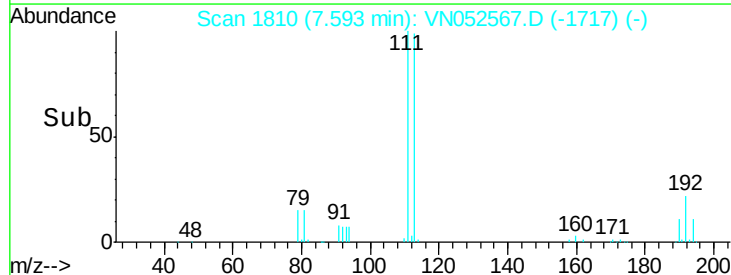
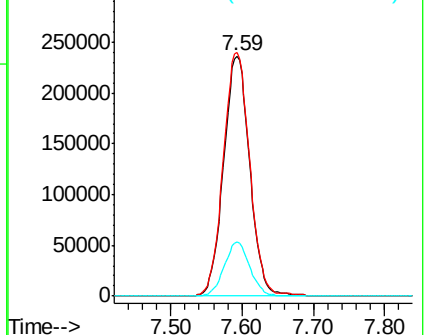


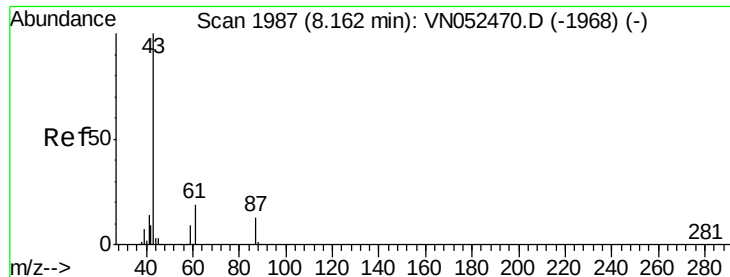
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052567.D
Acq: 29 Nov 2018 16:12

Tgt Ion:113 Resp: 604581
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 21.9 17.0 25.6



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: 2.535 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052567.D

Acq: 29 Nov 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

PB115155ZHE#05

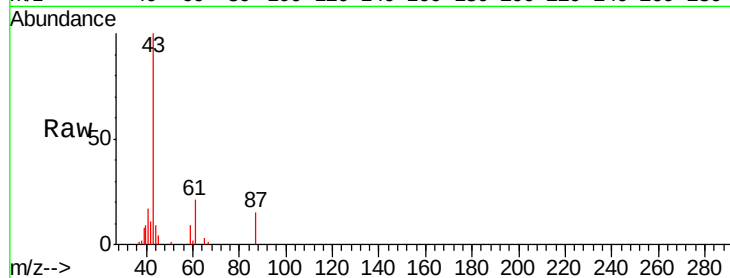
Tgt Ion: 43 Resp: 48208

Ion Ratio Lower Upper

43 100

61 18.0 24.1 36.1#

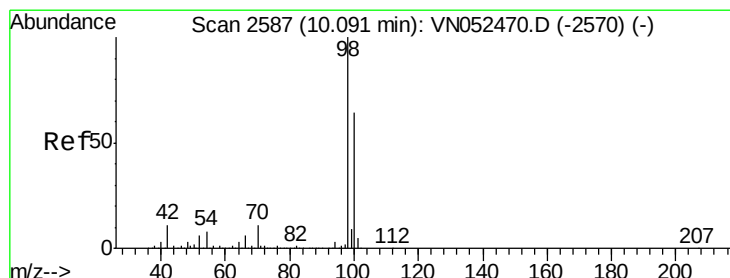
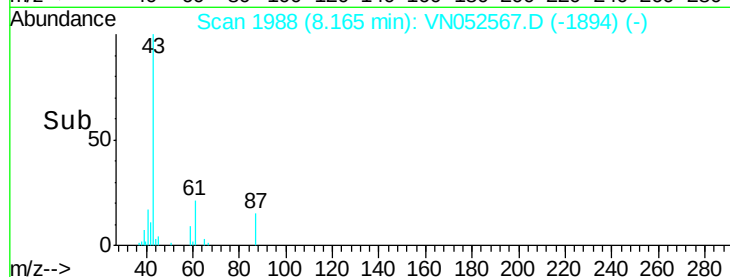
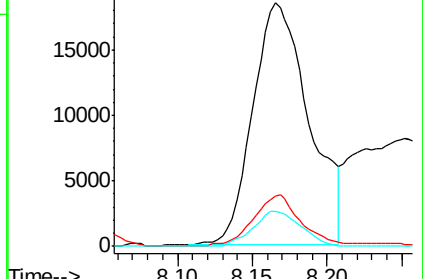
87 12.3 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052567.D

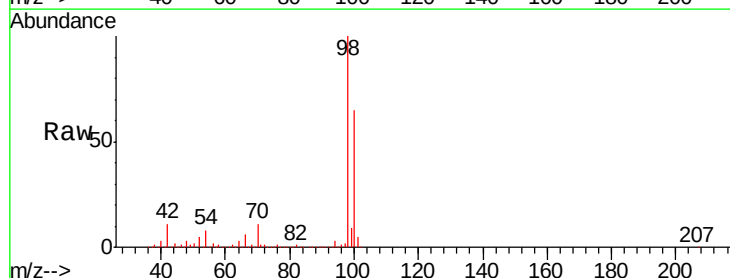
Acq: 29 Nov 2018 16:12

Tgt Ion: 98 Resp: 2380134

Ion Ratio Lower Upper

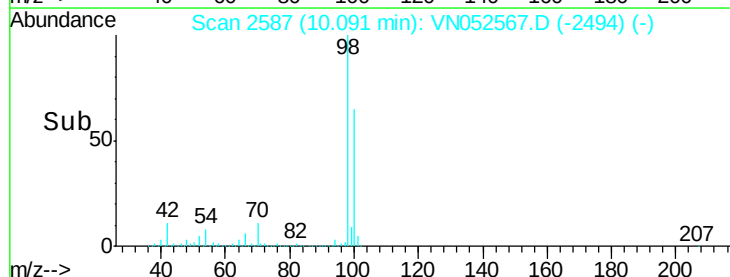
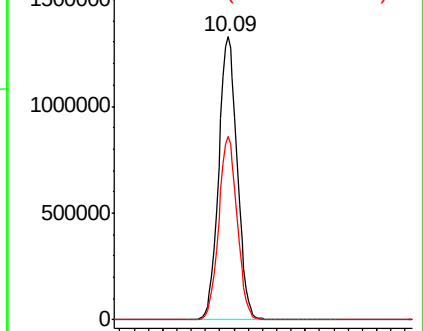
98 100

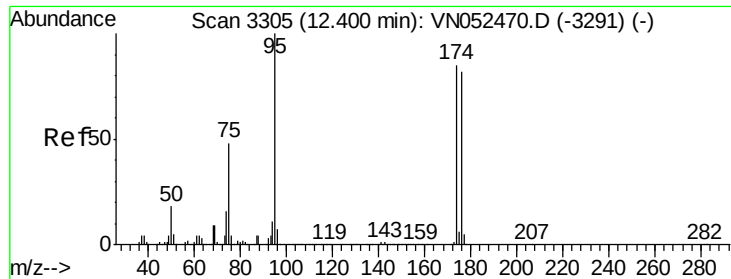
100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052567.D

Acq: 29 Nov 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

PB115155ZHE#05

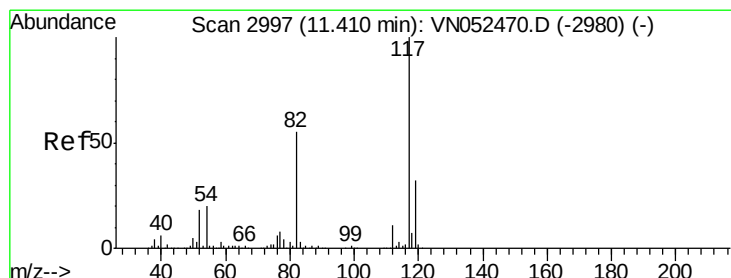
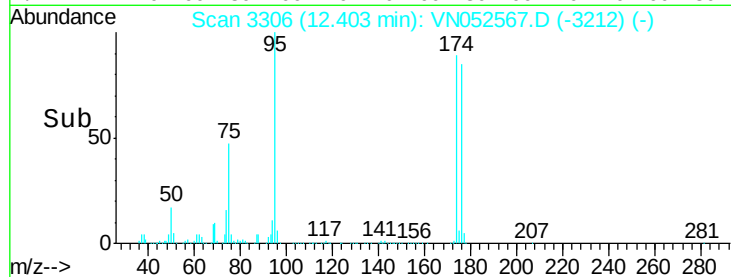
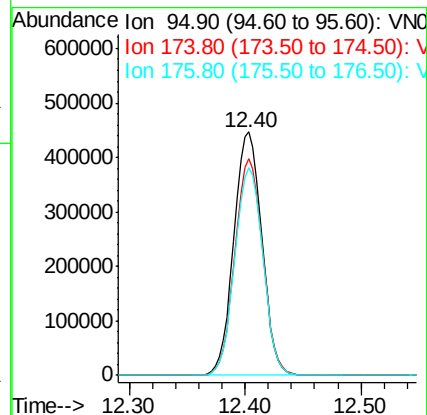
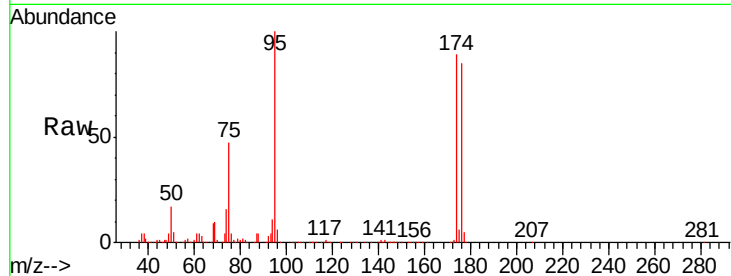
Tgt Ion: 95 Resp: 744973

Ion Ratio Lower Upper

95 100

174 88.7 0.0 173.0

176 85.6 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052567.D

Acq: 29 Nov 2018 16:12

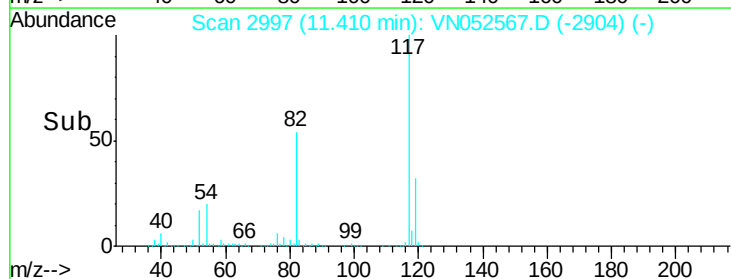
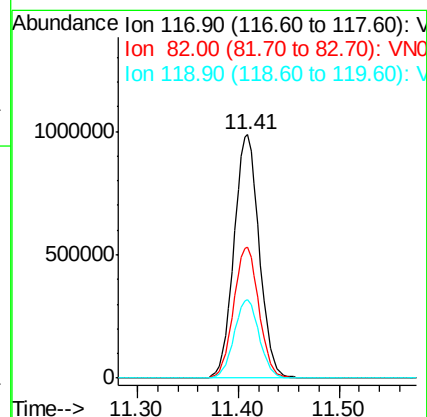
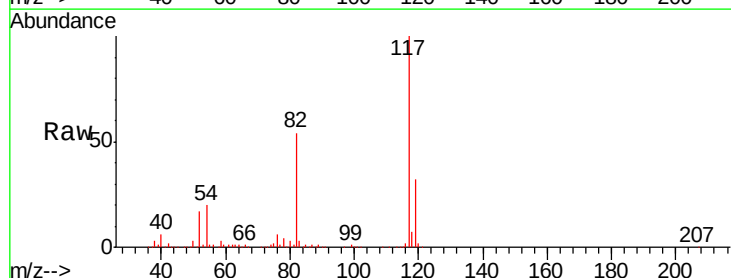
Tgt Ion: 117 Resp: 1719228

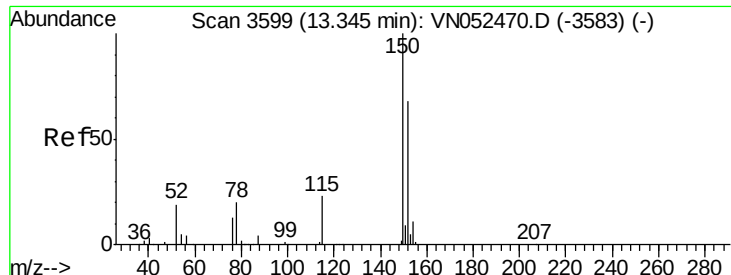
Ion Ratio Lower Upper

117 100

82 53.6 43.6 65.4

119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052567.D

Acq: 29 Nov 2018 16:12

Instrument :

MSVOA_N

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PB115155ZHE#05

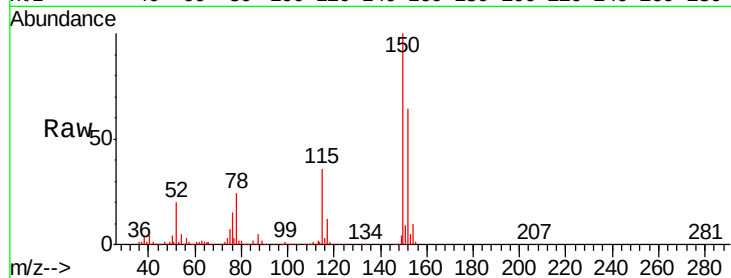
Tgt Ion:152 Resp: 633277

Ion Ratio Lower Upper

152 100

115 56.9 28.4 85.2

150 156.5 0.0 346.0



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

