

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052323.D
 Acq On : 14 Nov 2018 19:48
 Operator : MD\SY
 Sample : PB114787ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#05

Quant Time: Nov 15 03:45:58 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

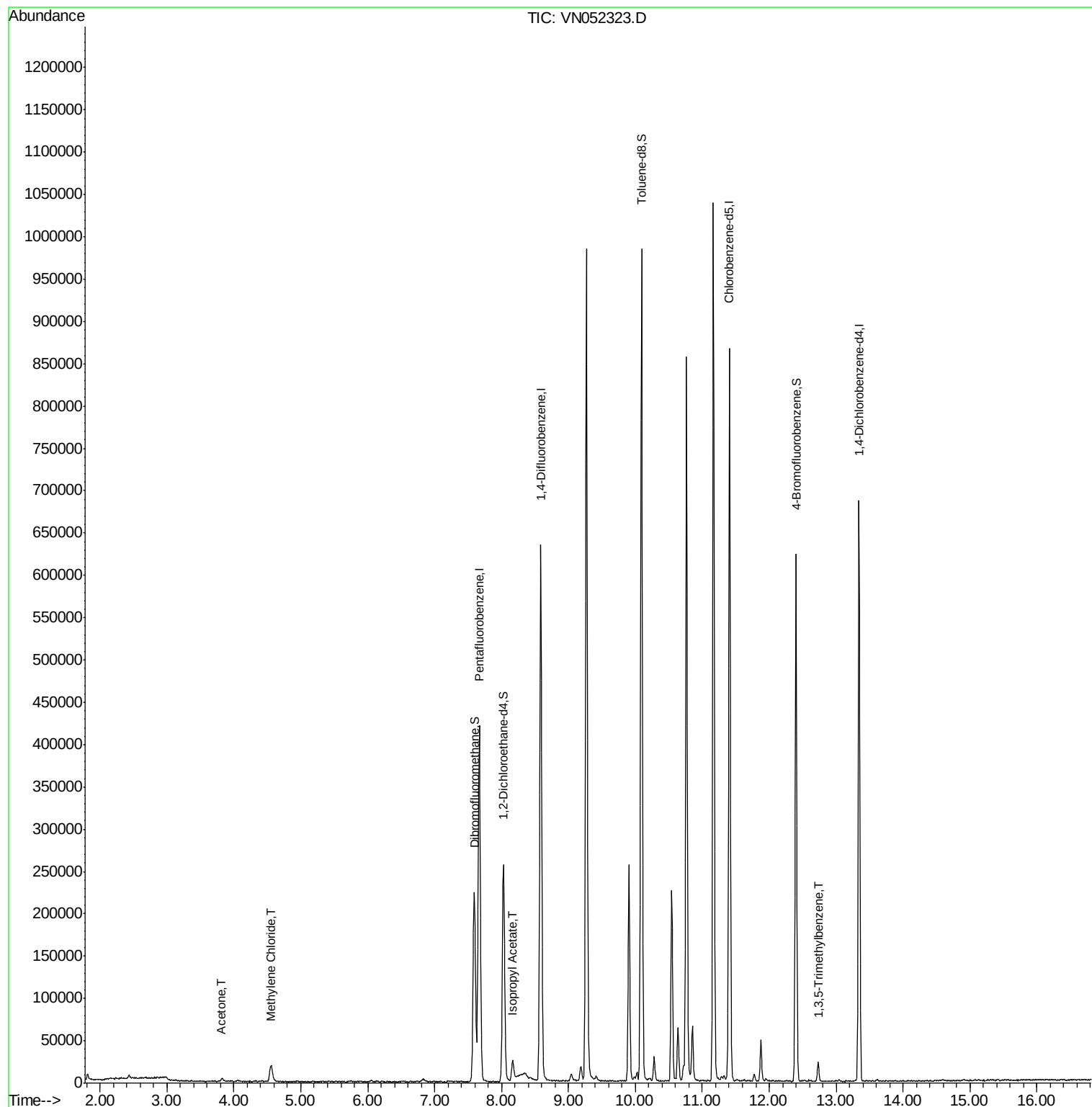
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	313150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	529721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	217245	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	168650	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.09	98	667338	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	194109	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
Target Compounds						
16) Acetone	3.82	43	6548	5.377	ug/l	94
20) Methylene Chloride	4.56	84	13013	2.852	ug/l	97
43) Isopropyl Acetate	8.16	43	31914	4.292	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	10558	1.017	ug/l	96

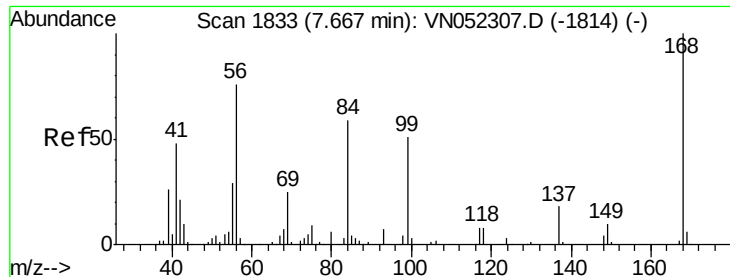
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

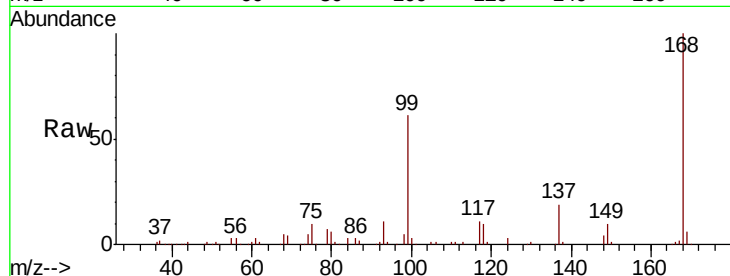
PB114787ZHE#05

Tot Ion:168 Resp: 313150

Ion Ratio Lower Upper

168 100

99 61.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D

Ion 98.90 (98.60 to 99.60): VN052307.D

7.67

150000

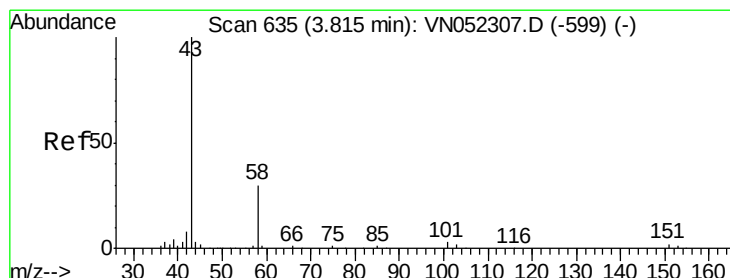
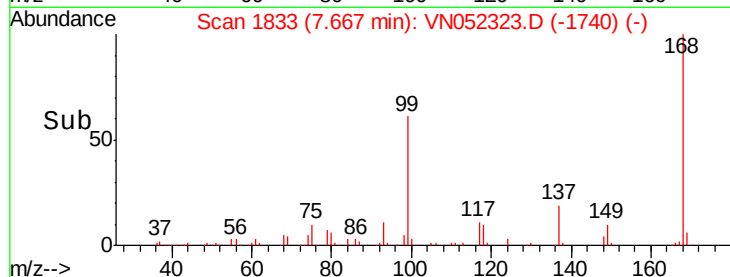
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.377 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052323.D

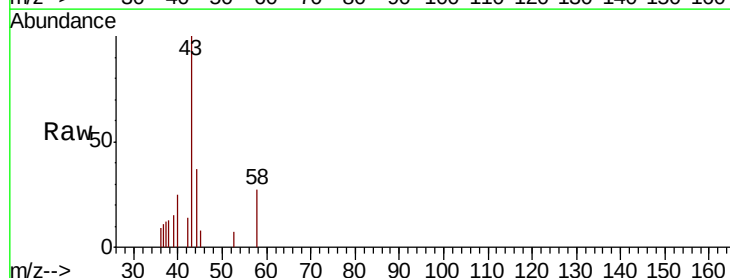
Acq: 14 Nov 2018 19:48

Tgt Ion: 43 Resp: 6548

Ion Ratio Lower Upper

43 100

58 27.1 24.2 36.4



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

Ion 58.00 (57.70 to 58.70): VN052307.D

3.82

2000

1500

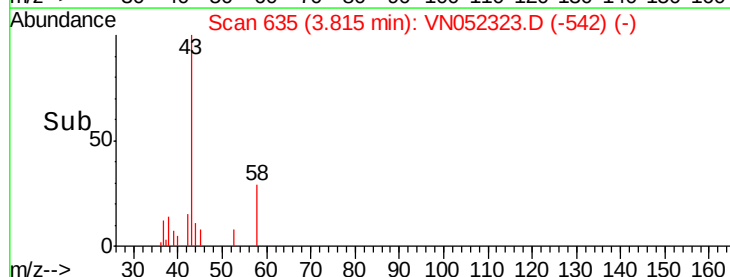
1000

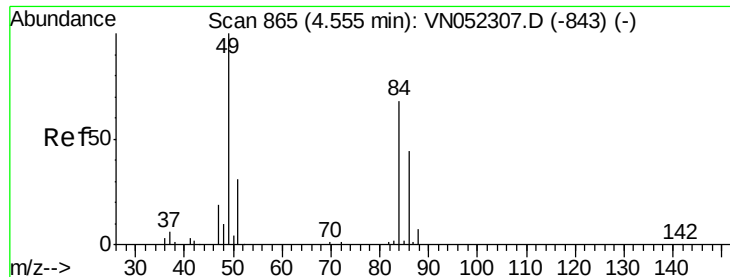
500

0

3.75 3.80 3.85 3.90

Time-->

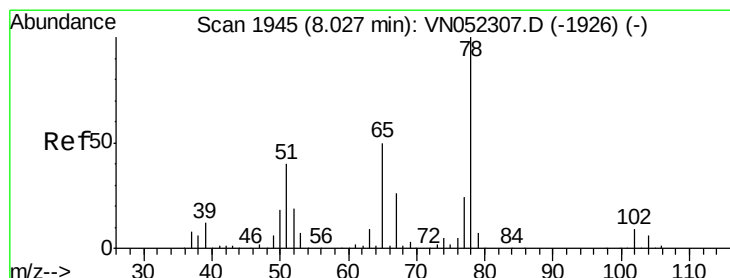
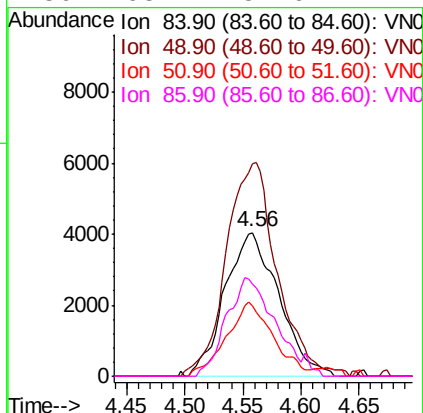
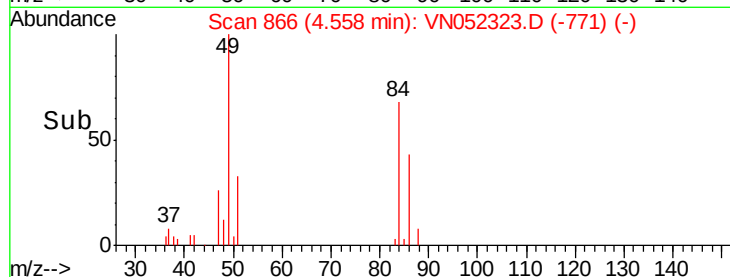
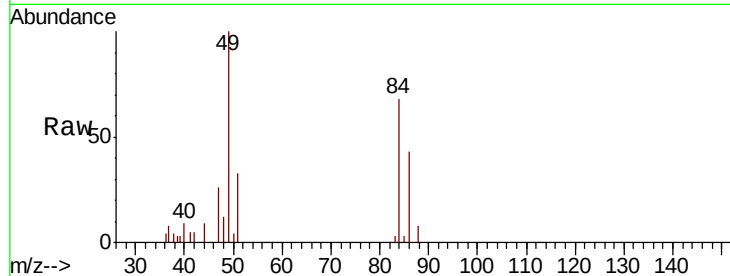




#20
Methylene Chloride
Concen: 2.852 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052323.D
Acq: 14 Nov 2018 19:48

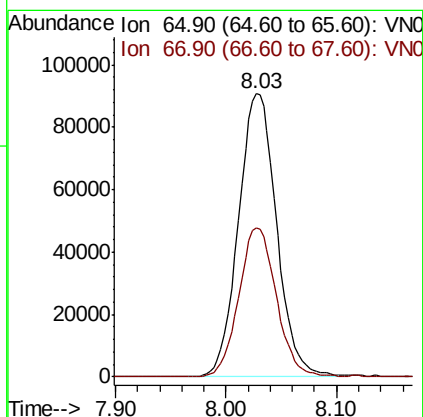
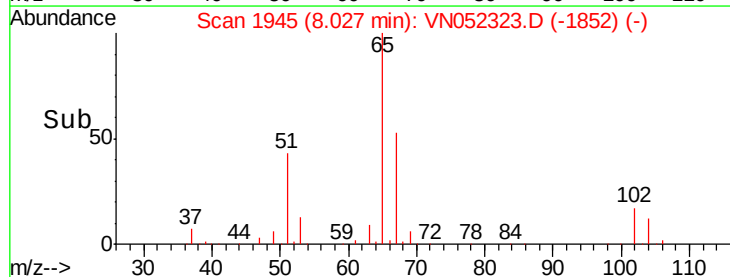
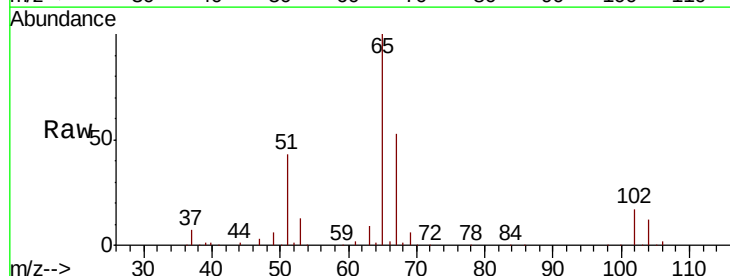
Instrument :
MSVOA_N
ClientSampleId :
PB114787ZHE#05

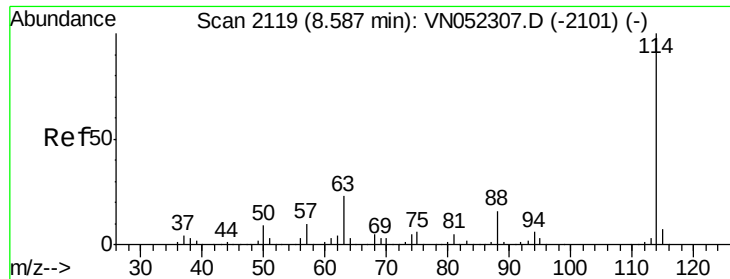
Tot Ion: 84 Resp: 13013
Ion Ratio Lower Upper
84 100
49 143.2 118.2 177.2
51 49.1 36.1 54.1
86 63.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052323.D
Acq: 14 Nov 2018 19:48

Tgt Ion: 65 Resp: 217245
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2

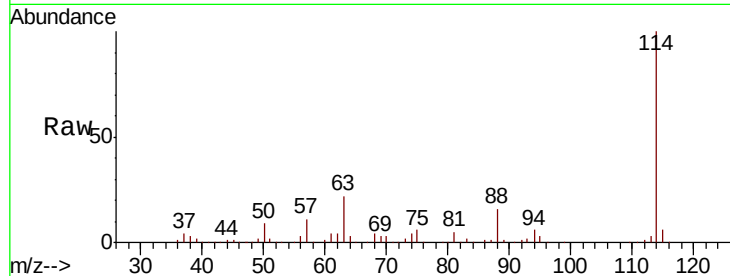




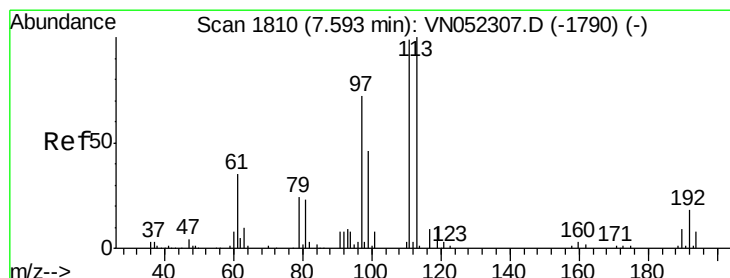
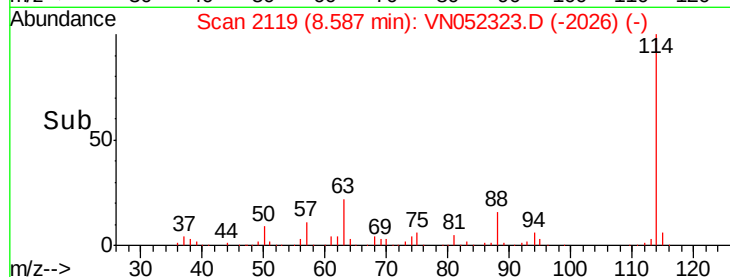
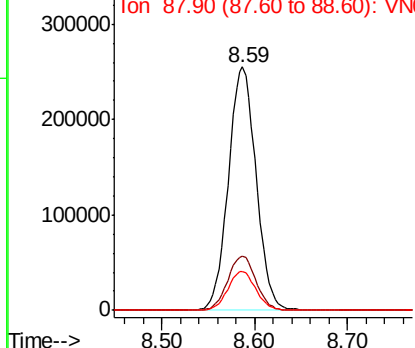
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114787ZHE#05

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.4
88	16.0	0.0	31.2

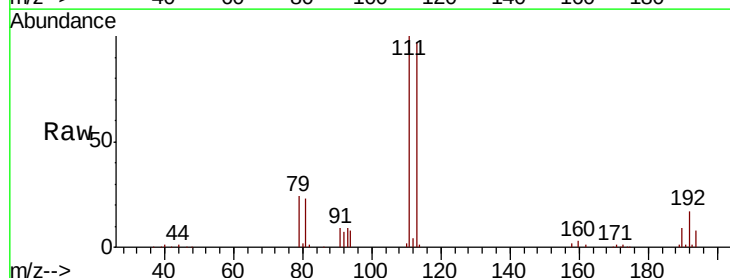


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

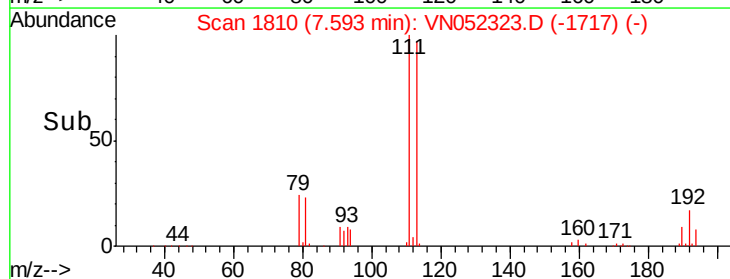
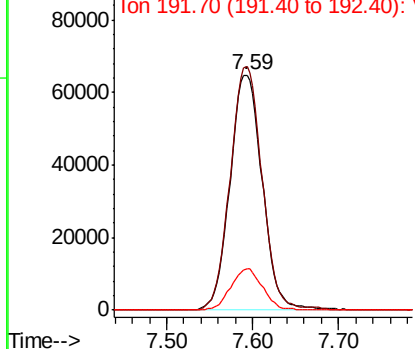


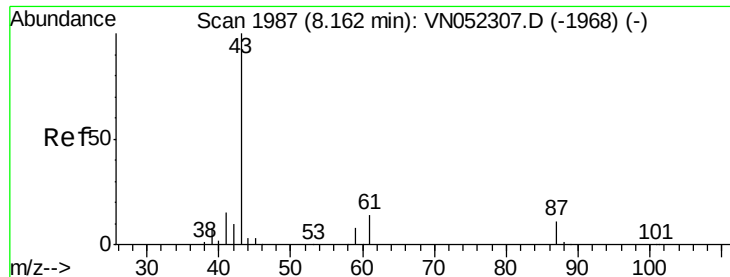
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052323.D
 Acq: 14 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	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: 4.292 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

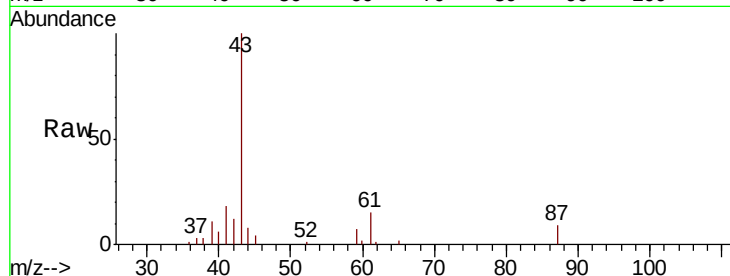
Tot Ion: 43 Resp: 31914

Ion Ratio Lower Upper

43 100

61 16.8 12.0 18.0

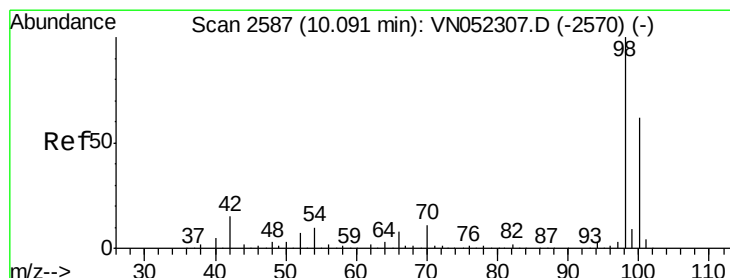
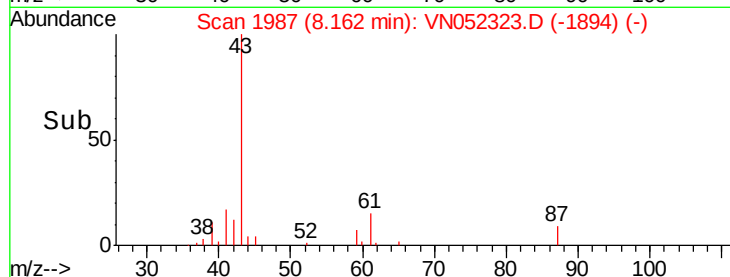
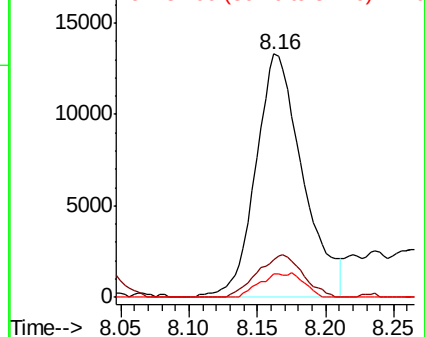
87 9.1 8.3 12.5



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: VN052323.D

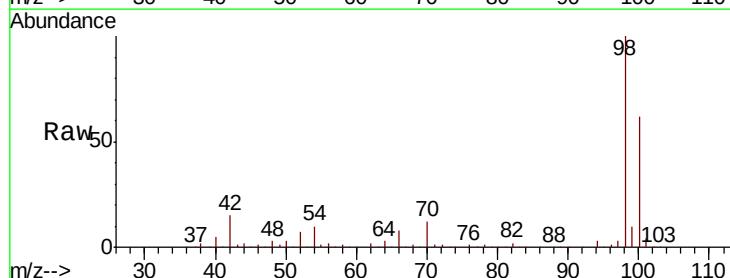
Acq: 14 Nov 2018 19:48

Tgt Ion: 98 Resp: 667338

Ion Ratio Lower Upper

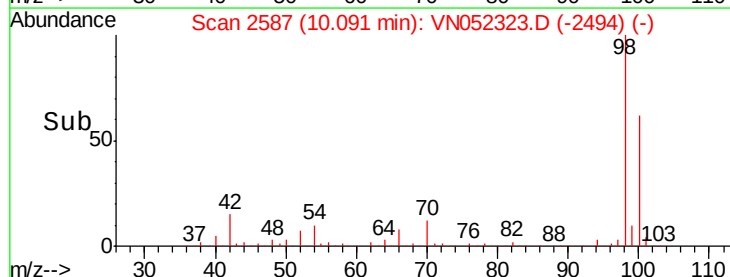
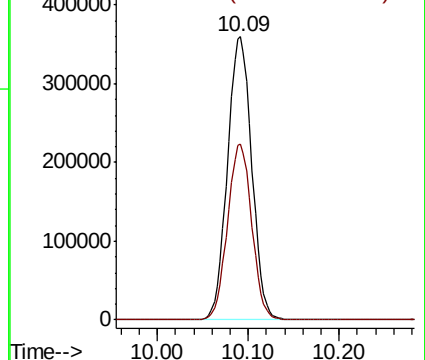
98 100

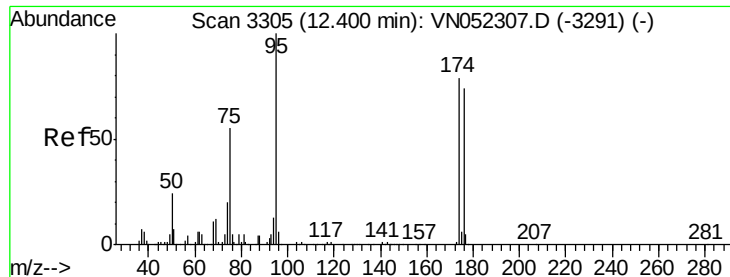
100 61.8 49.5 74.3



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: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

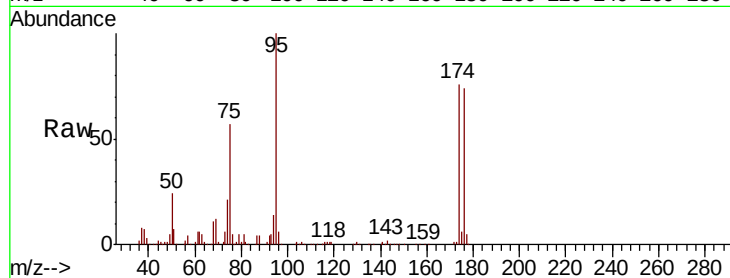
Tot Ion: 95 Resp: 194109

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.0

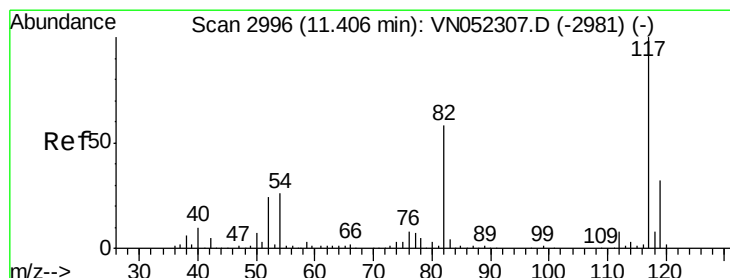
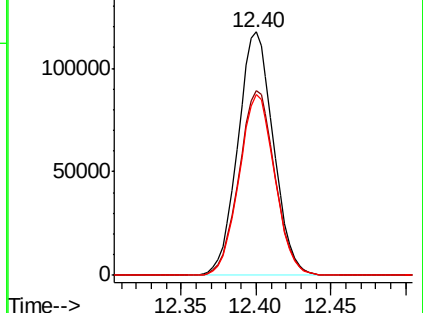
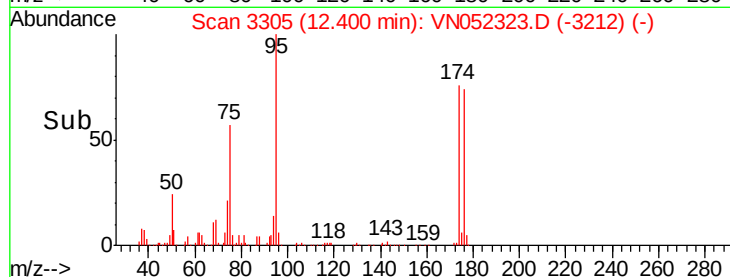
176 74.6 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052323.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN052323.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN052323.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

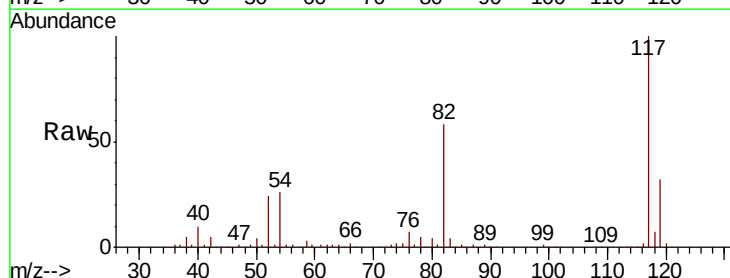
Tgt Ion: 117 Resp: 453892

Ion Ratio Lower Upper

117 100

82 58.3 46.5 69.7

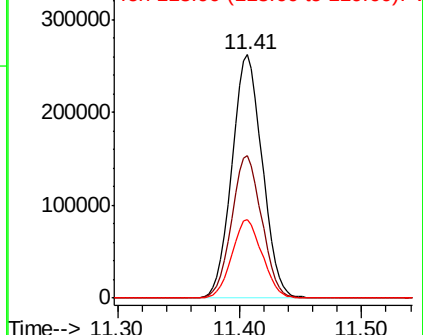
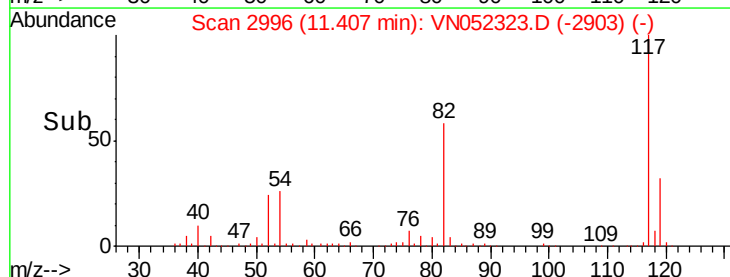
119 32.0 25.7 38.5

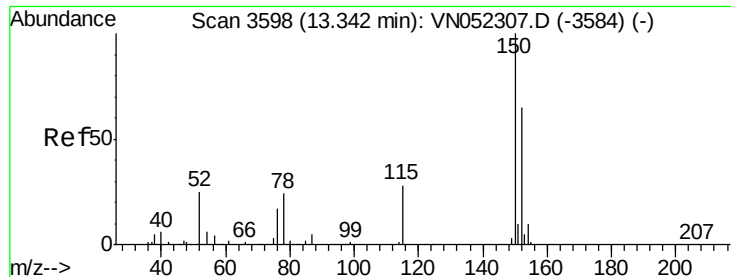


Abundance Ion 116.90 (116.60 to 117.60): VN052323.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052323.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052323.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052323.D

Acq: 14 Nov 2018 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB114787ZHE#05

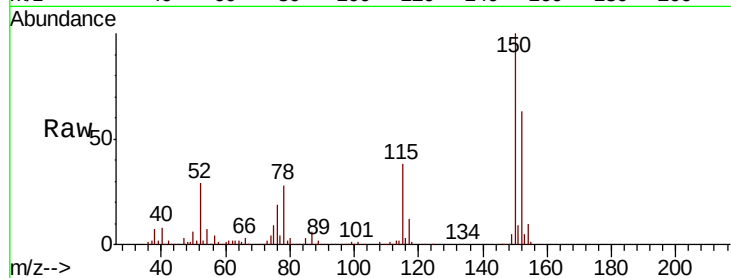
Tot Ion:152 Resp: 162424

Ion Ratio Lower Upper

152 100

115 59.4 30.3 91.0

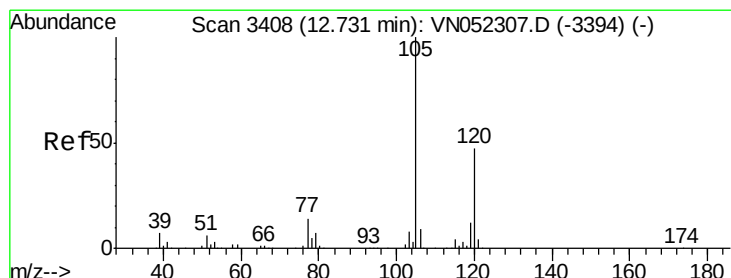
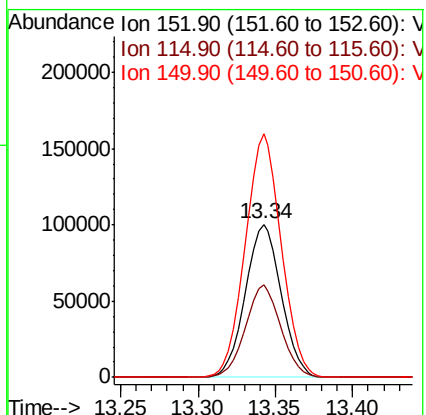
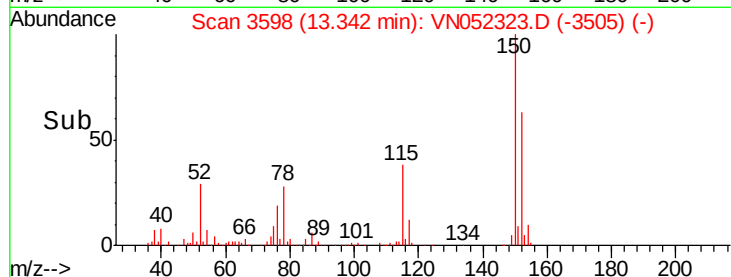
150 158.9 0.0 348.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.017 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052323.D

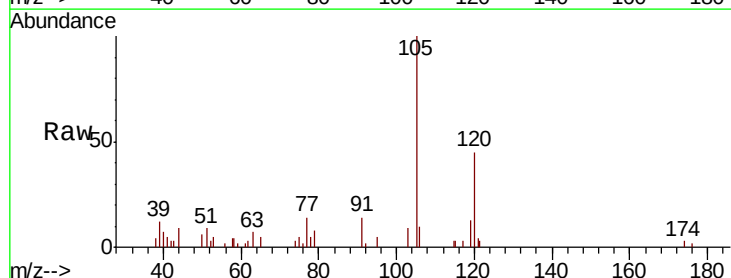
Acq: 14 Nov 2018 19:48

Tgt Ion:105 Resp: 10558

Ion Ratio Lower Upper

105 100

120 49.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

