

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110618\
 Data File : VN052192.D
 Acq On : 6 Nov 2018 15:15
 Operator : MD\SY
 Sample : J5827-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-B

Quant Time: Nov 06 16:43:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

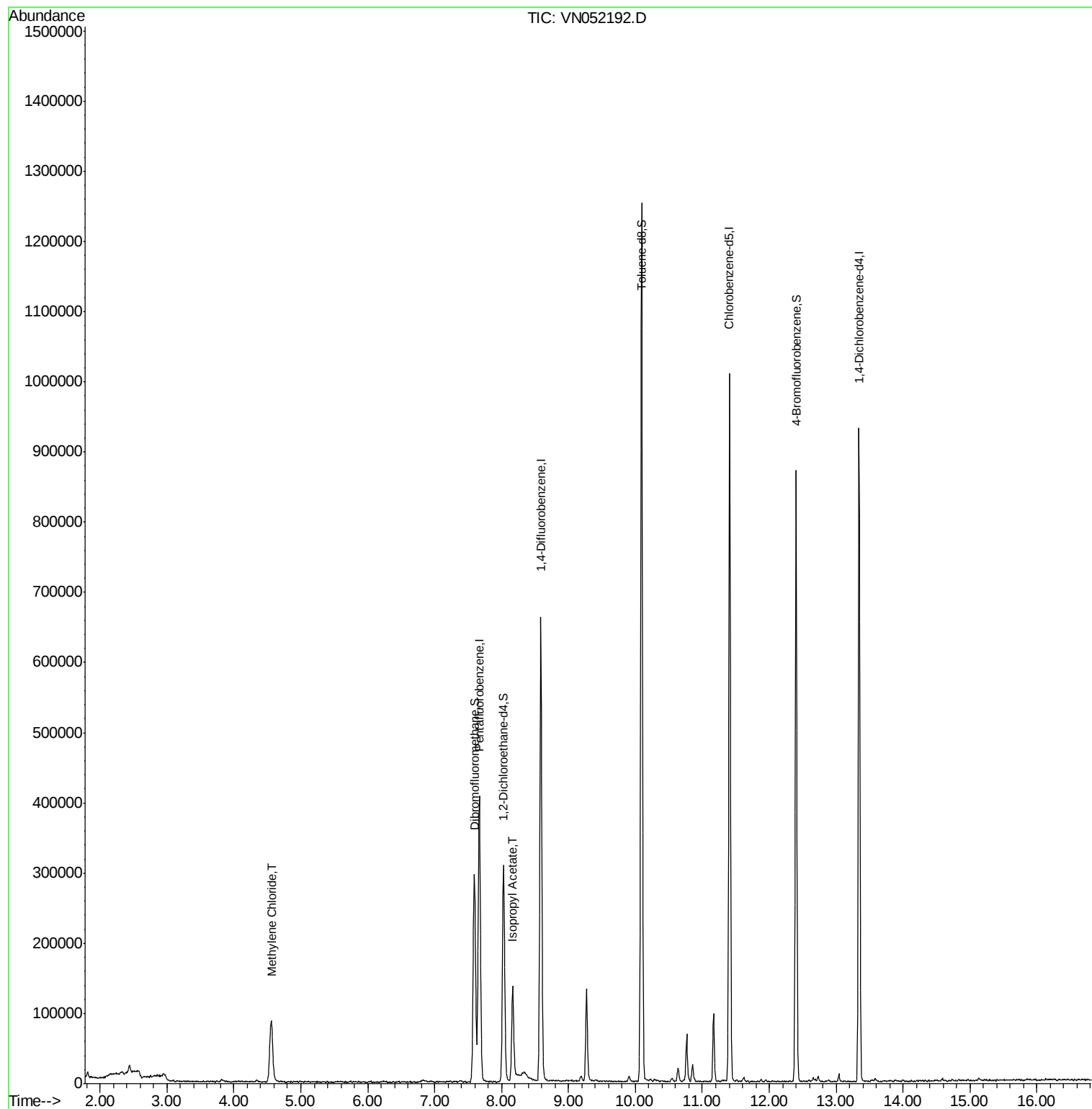
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	317462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	581267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	566336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	234451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	253892	67.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.90%	
35) Dibromofluoromethane	7.59	113	226552	62.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.56%	
50) Toluene-d8	10.09	98	864042	61.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.86%	
62) 4-Bromofluorobenzene	12.40	95	291823	63.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.42%	
Target Compounds						
20) Methylene Chloride	4.56	84	62677	17.687	ug/l	98
43) Isopropyl Acetate	8.17	43	163362	27.844	ug/l	99

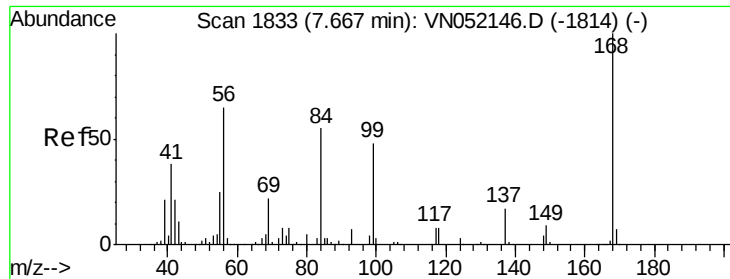
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052192.D

Acq: 6 Nov 2018 15:15

Instrument :

MSVOA_N

ClientSampleId :

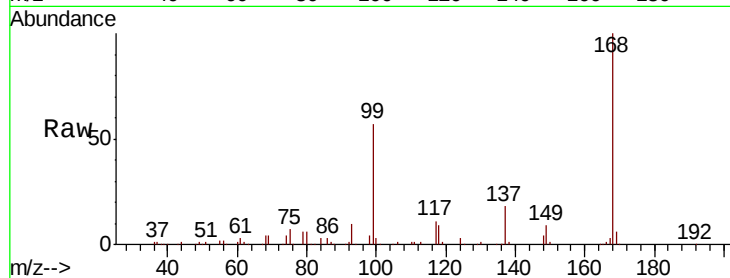
SP-B

Tot Ion:168 Resp: 317462

Ion Ratio Lower Upper

168 100

99 56.9 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052146.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052146.D (-1814) (-)

7.67

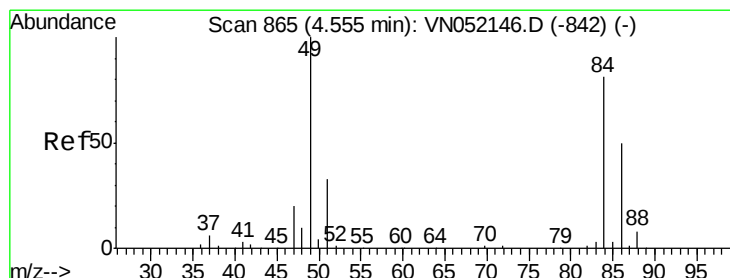
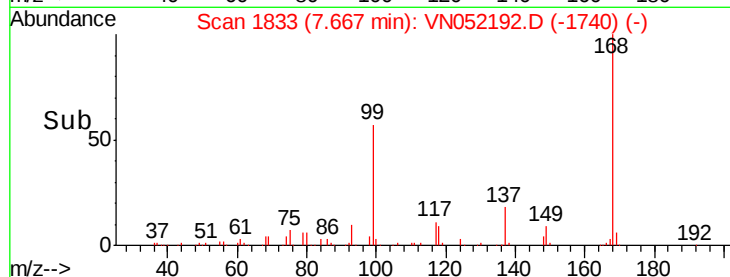
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 17.687 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052192.D

Acq: 6 Nov 2018 15:15

Tgt Ion: 84 Resp: 62677

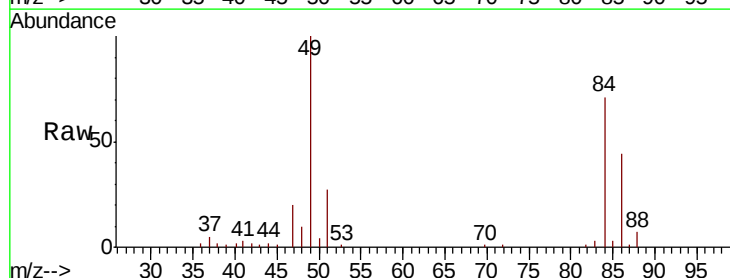
Ion Ratio Lower Upper

84 100

49 140.2 110.6 165.8

51 37.7 33.7 50.5

86 62.2 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VN052146.D (-842) (-)

Ion 48.90 (48.60 to 49.60): VN052146.D (-842) (-)

Ion 50.90 (50.60 to 51.60): VN052146.D (-842) (-)

Ion 85.90 (85.60 to 86.60): VN052146.D (-842) (-)

40000

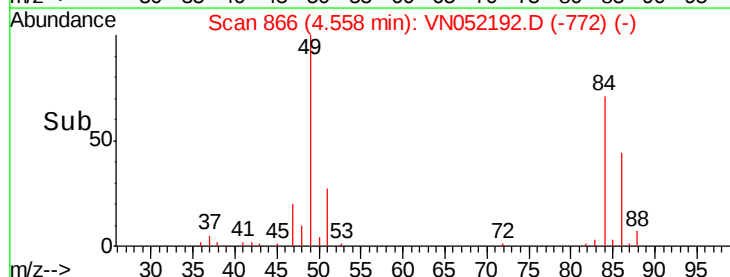
30000

20000

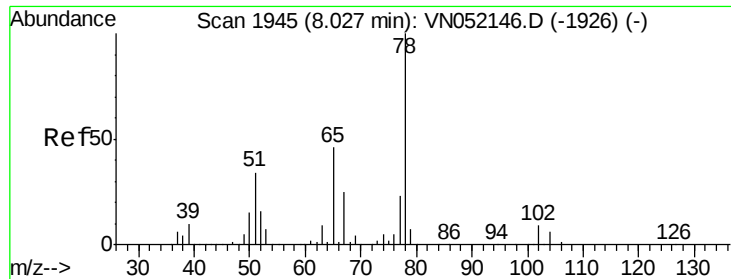
10000

0

Time-->



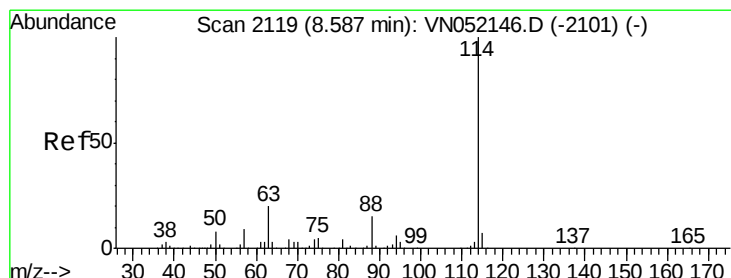
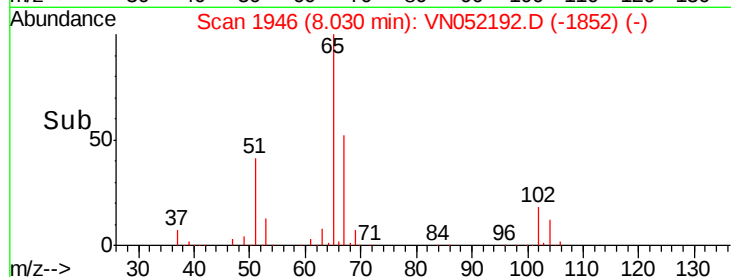
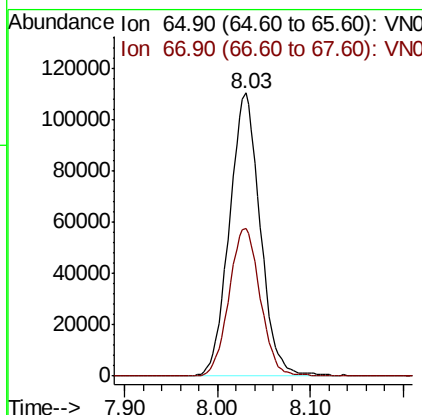
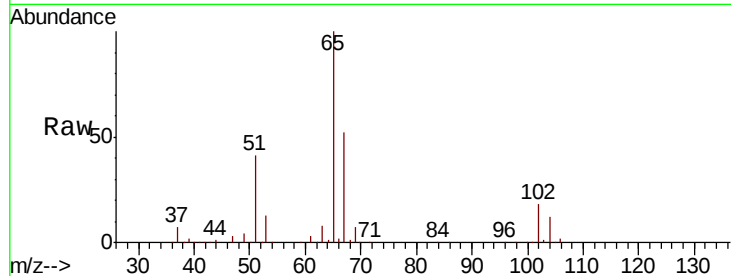
4.56



#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052192.D
 Acq: 6 Nov 2018 15:15

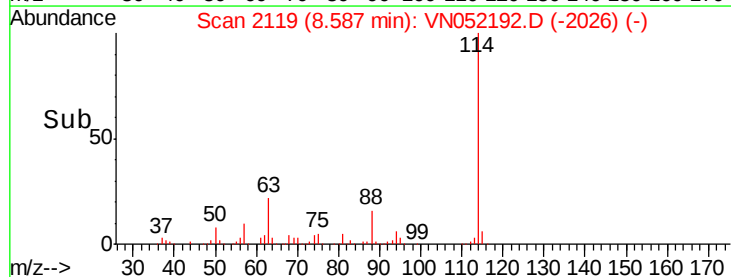
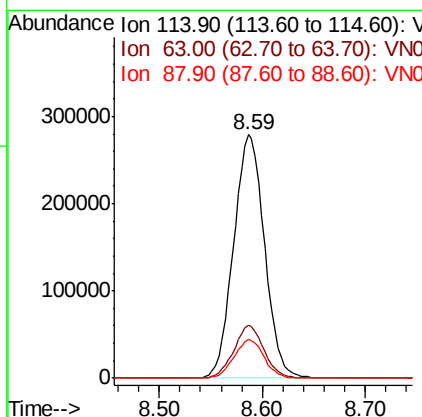
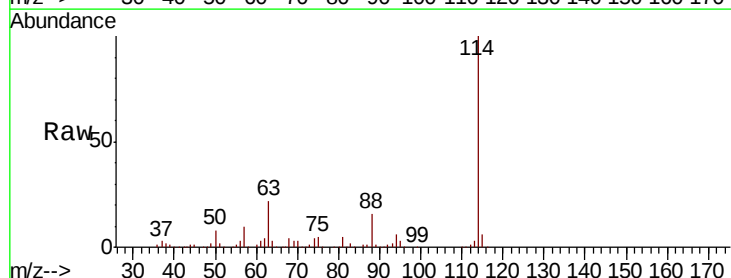
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-B

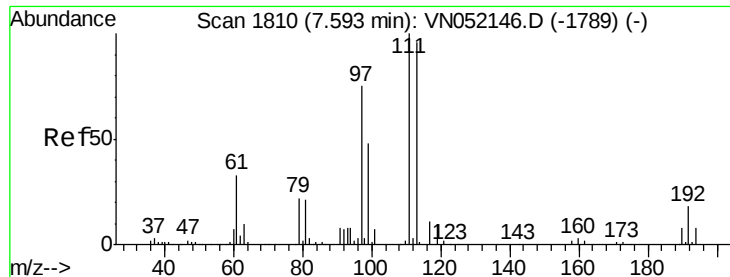
Tot Ion: 65 Resp: 253892
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052192.D
 Acq: 6 Nov 2018 15:15

Tgt Ion: 114 Resp: 581267
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 46.0
 88 15.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN052192.D

Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampleId :
SP-B

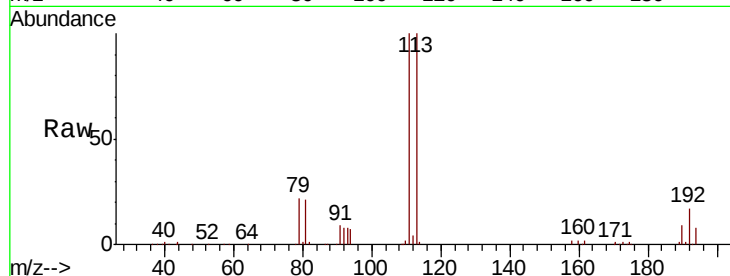
Tot Ion:113 Resp: 226552

Ion Ratio Lower Upper

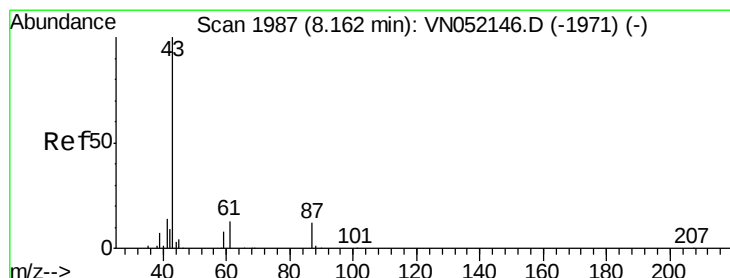
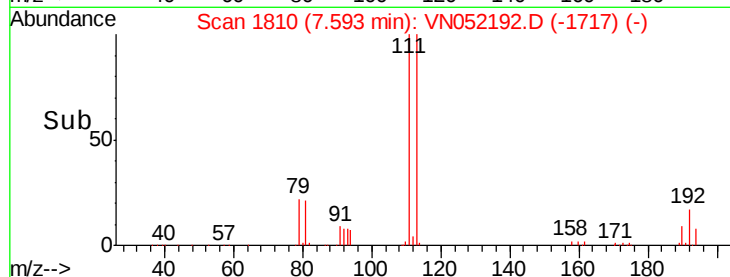
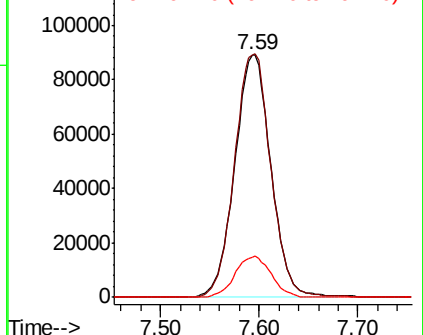
113 100

111 100.9 83.1 124.7

192 17.0 12.7 19.1



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: 27.844 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052192.D

Acq: 6 Nov 2018 15:15

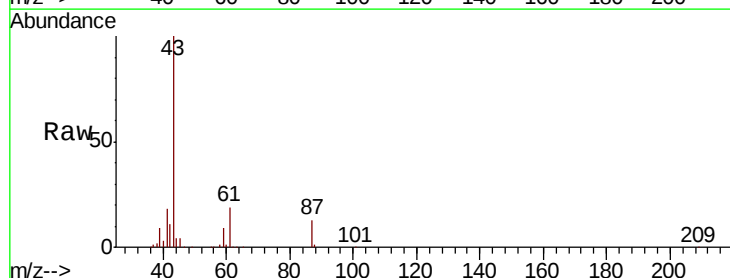
Tgt Ion: 43 Resp: 163362

Ion Ratio Lower Upper

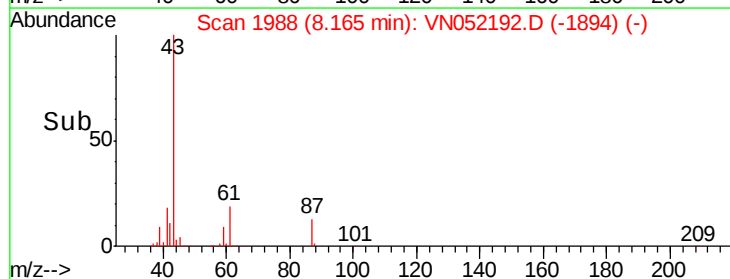
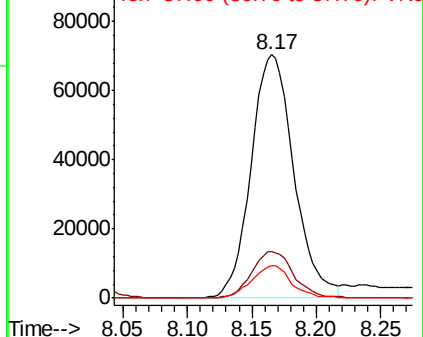
43 100

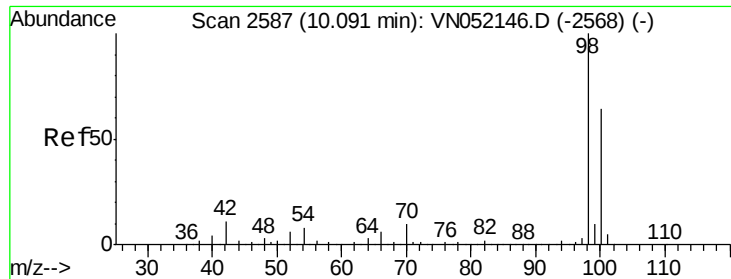
61 18.8 15.4 23.0

87 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052192.D

Acq: 6 Nov 2018 15:15

Instrument :

MSVOA_N

ClientSampled :

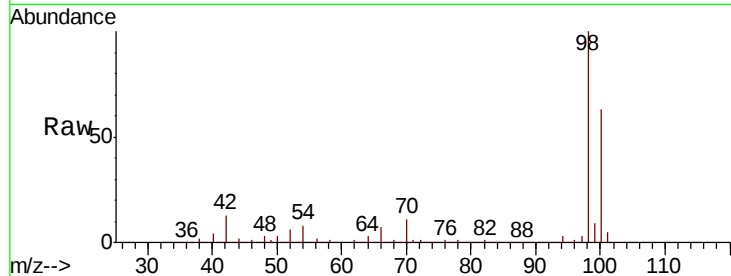
SP-B

Tot Ion: 98 Resp: 864042

Ion Ratio Lower Upper

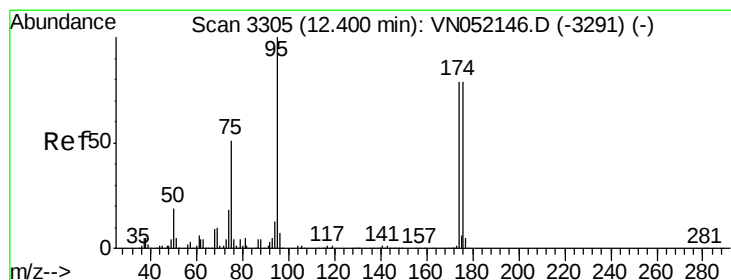
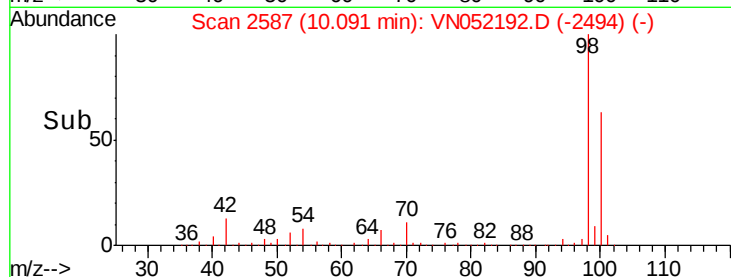
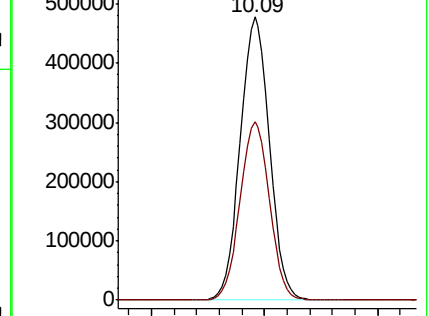
98 100

100 63.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052192.D

Acq: 6 Nov 2018 15:15

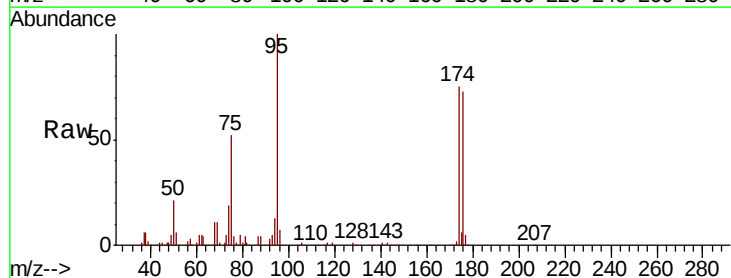
Tgt Ion: 95 Resp: 291823

Ion Ratio Lower Upper

95 100

174 77.2 0.0 131.8

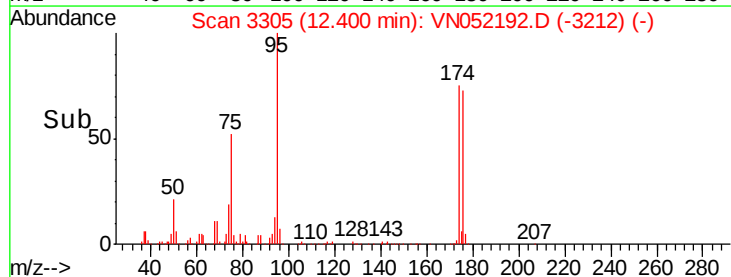
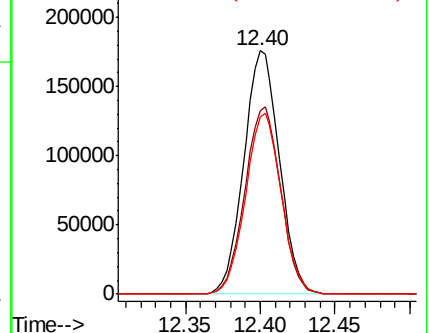
176 74.2 0.0 126.0

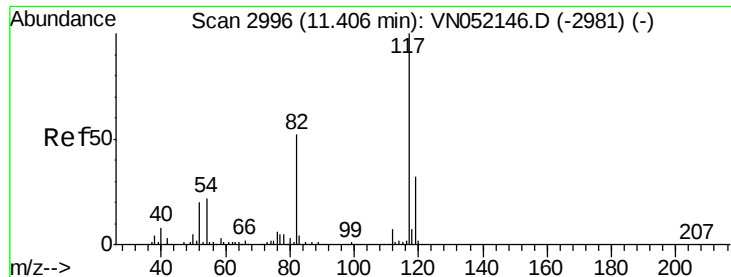


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

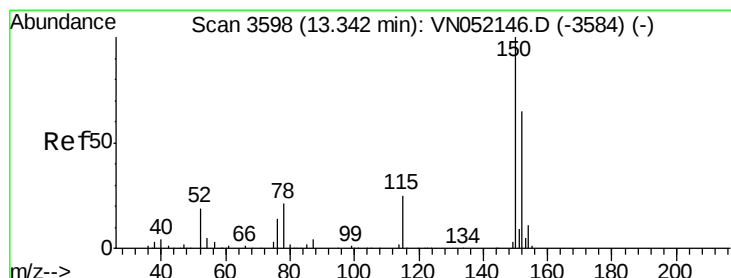
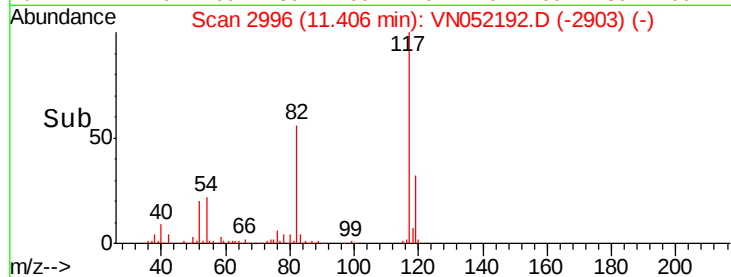
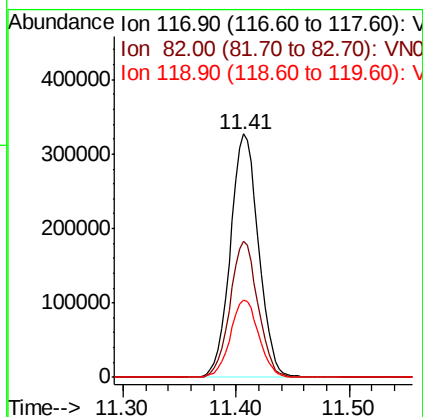
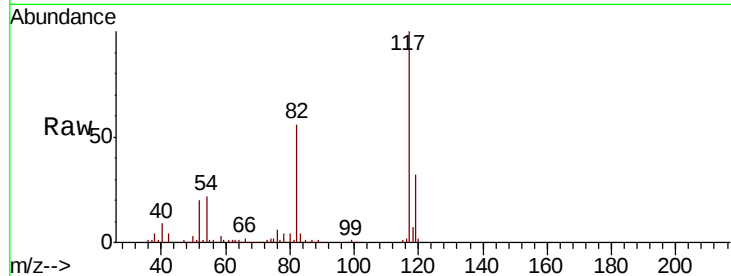




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Instrument :
MSVOA_N
ClientSampled :
SP-B

Tot Ion:117 Resp: 566336
Ion Ratio Lower Upper
117 100
82 56.1 49.9 74.9
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052192.D
Acq: 6 Nov 2018 15:15

Tgt Ion:152 Resp: 234451
Ion Ratio Lower Upper
152 100
115 61.2 31.6 95.0
150 160.1 0.0 345.0

