

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052894.D
 Acq On : 14 Dec 2018 17:45
 Operator : MD\SY
 Sample : PB115667TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115667TB

Quant Time: Dec 15 03:36:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

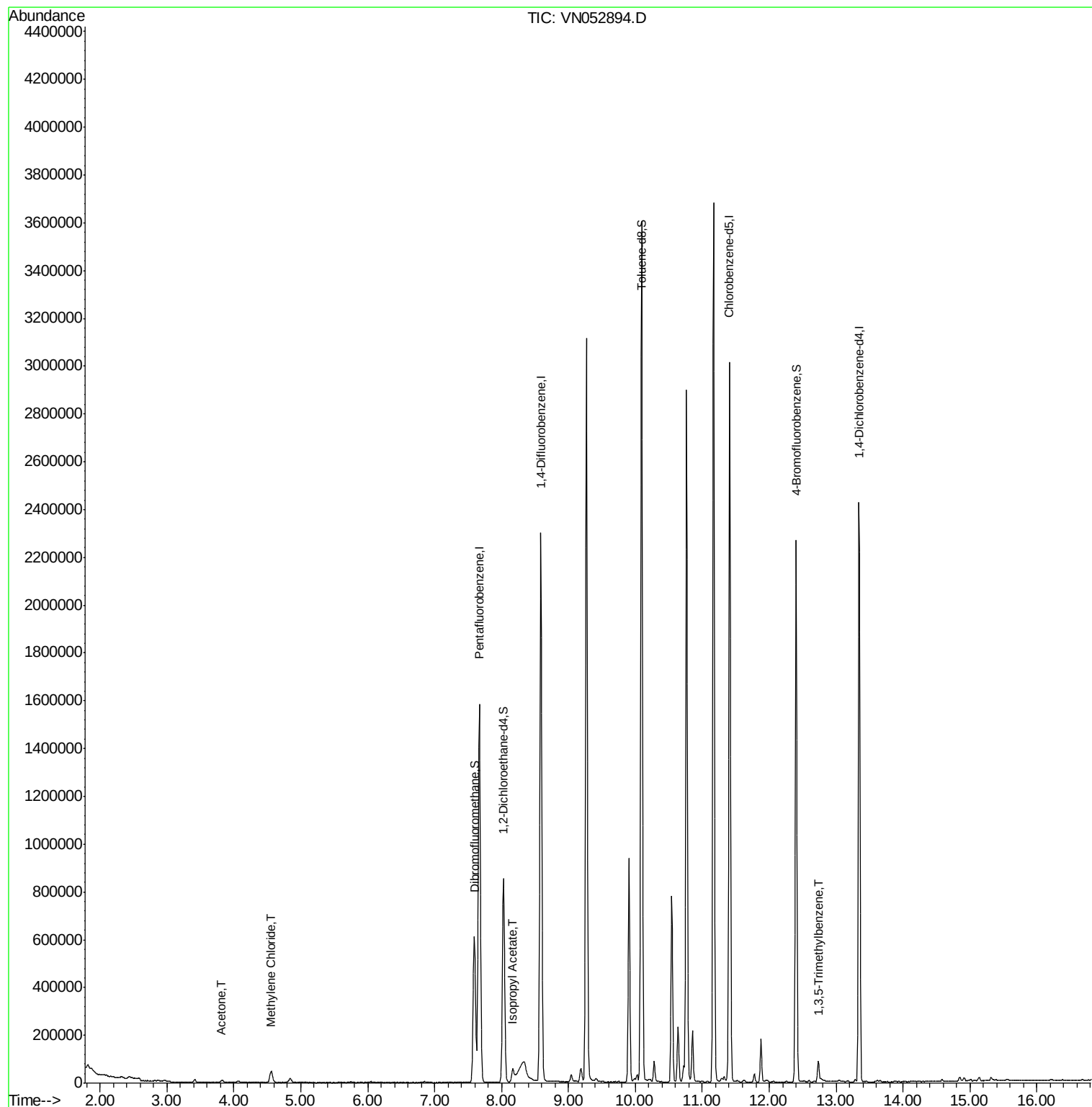
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1381909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2138815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1824261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	699022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	714268	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	475009	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.58%	
50) Toluene-d8	10.09	98	2564925	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	796584	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
Target Compounds						
16) Acetone	3.82	43	19714	5.974	ug/l	95
20) Methylene Chloride	4.55	84	36398	2.451	ug/l	97
43) Isopropyl Acetate	8.17	43	80768	3.329	ug/l #	81
80) 1,3,5-Trimethylbenzene	12.73	105	45641	1.083	ug/l	97

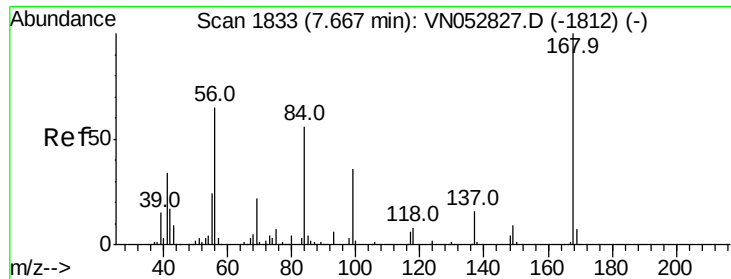
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

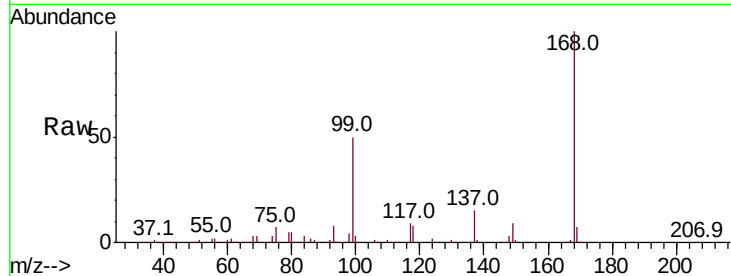
PB115667TB

Tot Ion:168 Resp: 1381909

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

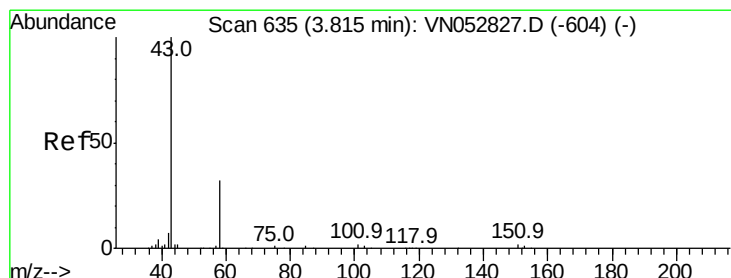
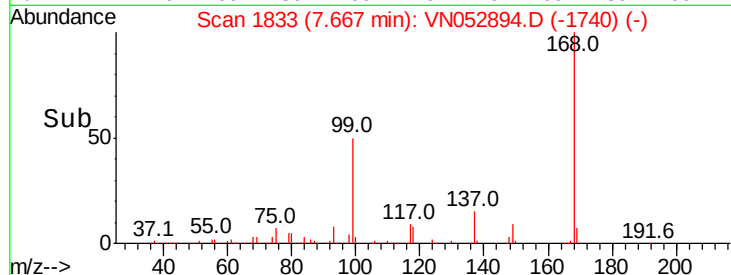
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.974 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052894.D

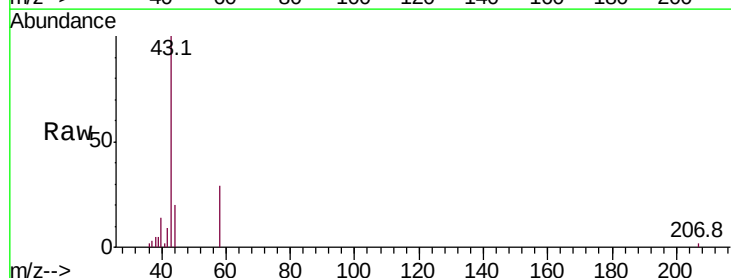
Acq: 14 Dec 2018 17:45

Tgt Ion: 43 Resp: 19714

Ion Ratio Lower Upper

43 100

58 28.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

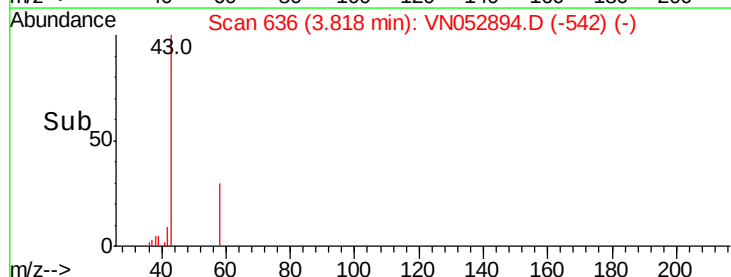
6000

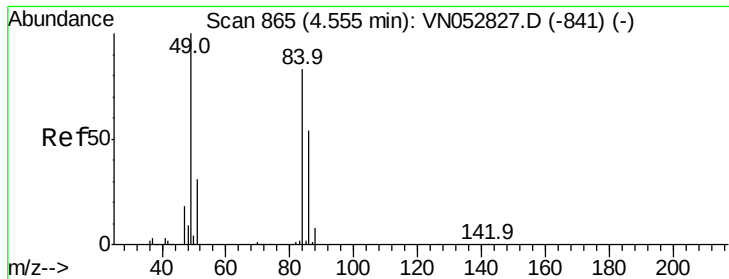
4000

2000

0

Time--> 3.70 3.80 3.90

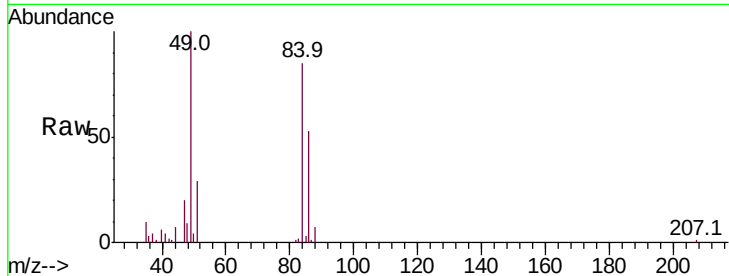




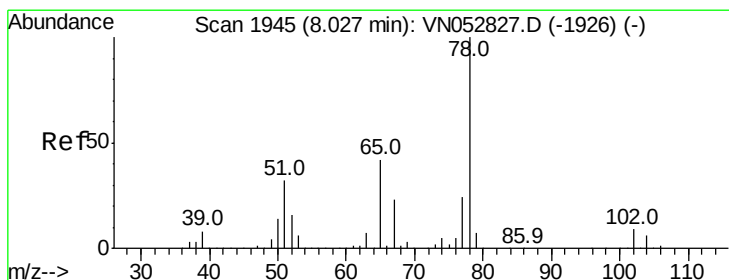
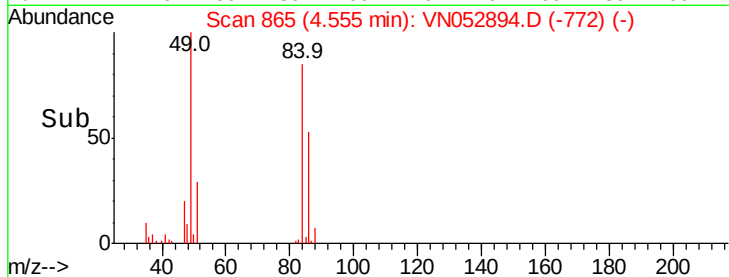
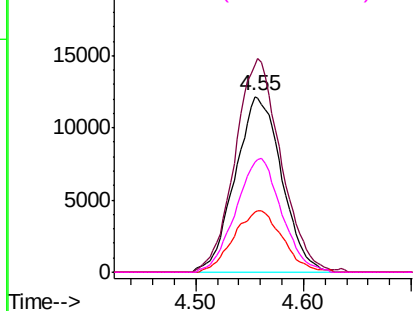
#20
Methylene Chloride
Concen: 2.451 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

Instrument :
MSVOA_N
ClientSampled :
PB115667TB

Tot Ion: 84 Resp: 36398
Ion Ratio Lower Upper
84 100
49 118.0 96.8 145.2
51 34.5 29.9 44.9
86 62.4 51.8 77.6

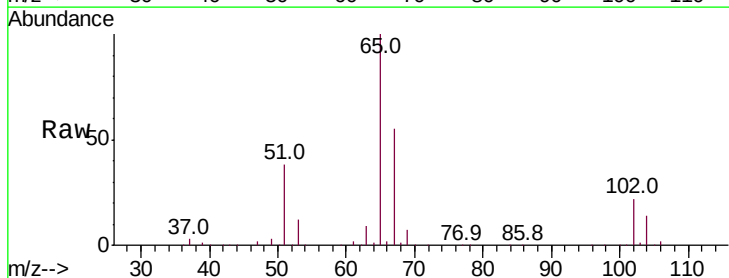


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

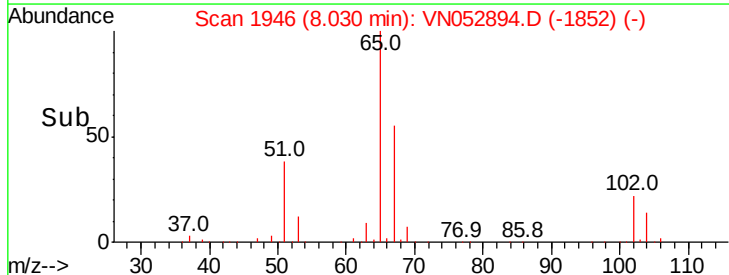
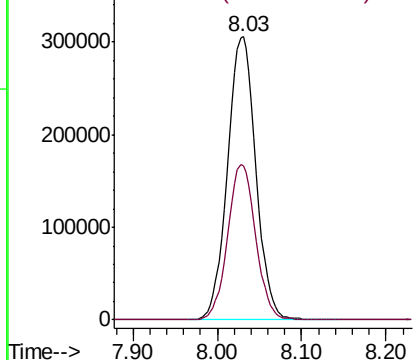


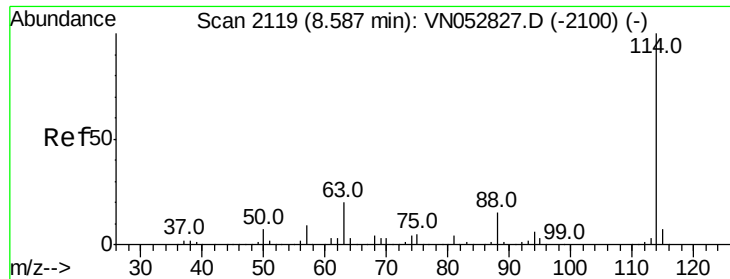
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

Tgt Ion: 65 Resp: 714268
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.4



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



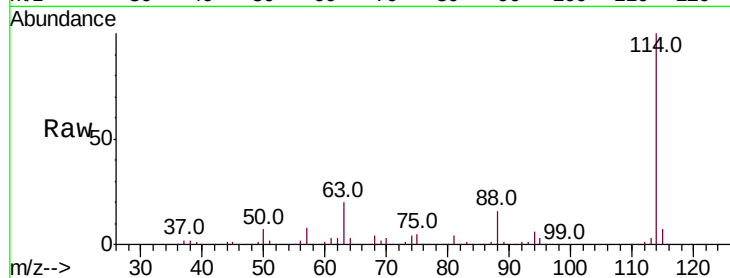


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

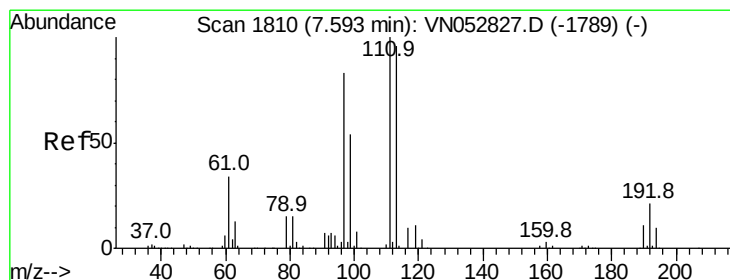
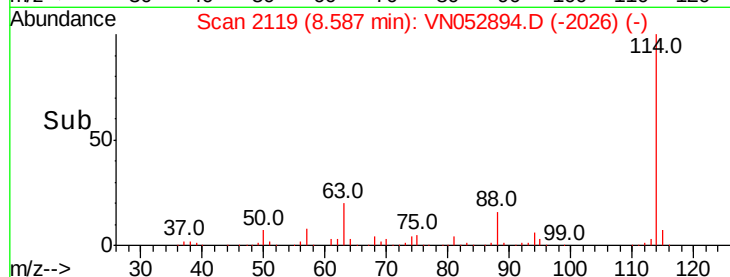
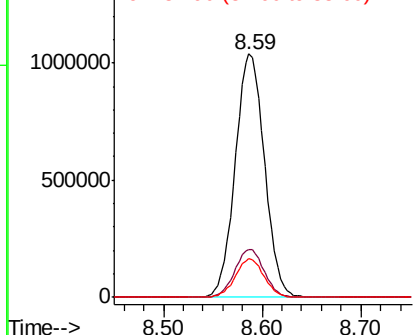
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115667TB

Tot Ion:114 Resp: 2138815

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.7	0.0	31.0



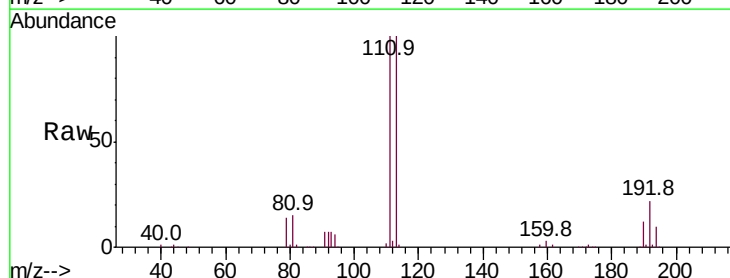
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



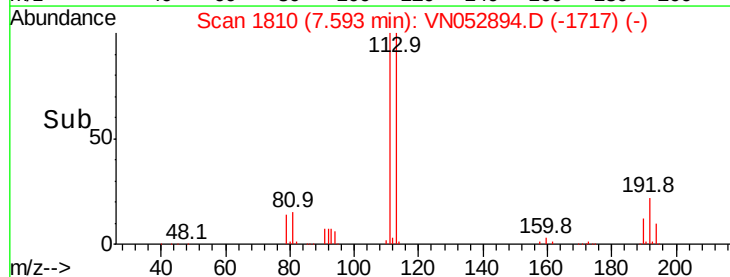
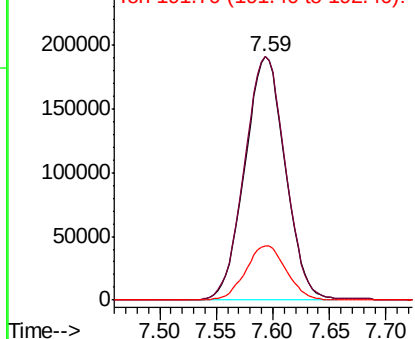
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

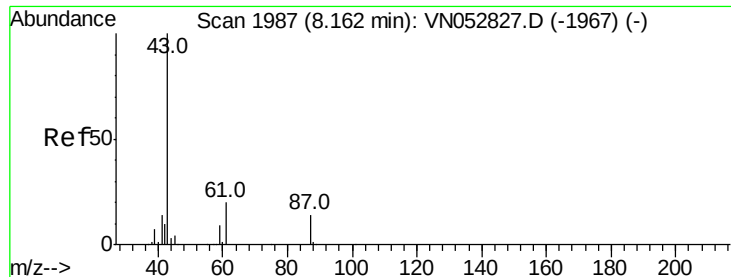
Tgt Ion:113 Resp: 475009

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.4	17.5	26.3



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: 3.329 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

PB115667TB

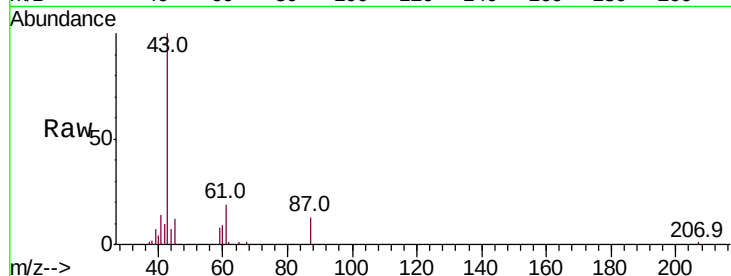
Tot Ion: 43 Resp: 80768

Ion Ratio Lower Upper

43 100

61 15.8 22.9 34.3#

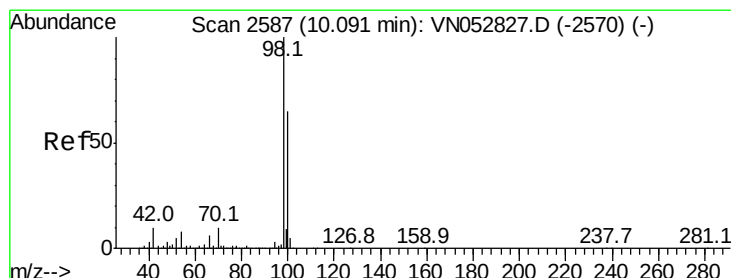
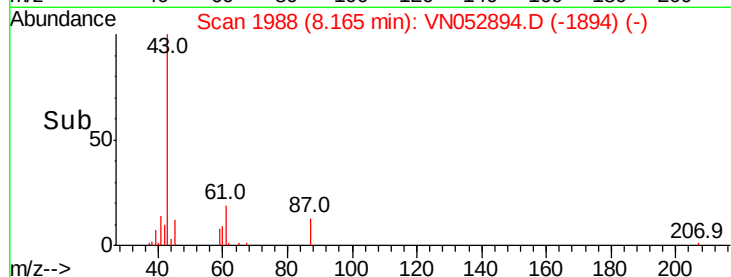
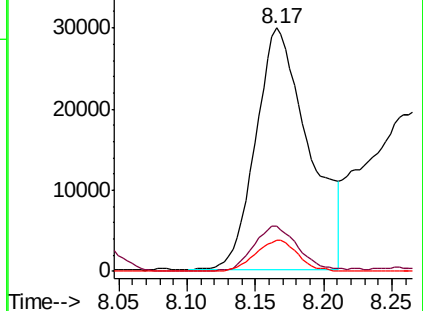
87 10.2 10.6 15.8#



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: VN052894.D

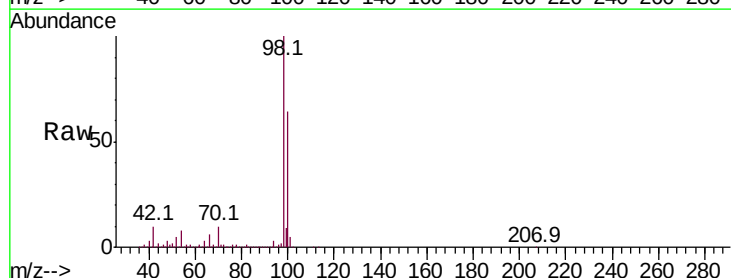
Acq: 14 Dec 2018 17:45

Tgt Ion: 98 Resp: 2564925

Ion Ratio Lower Upper

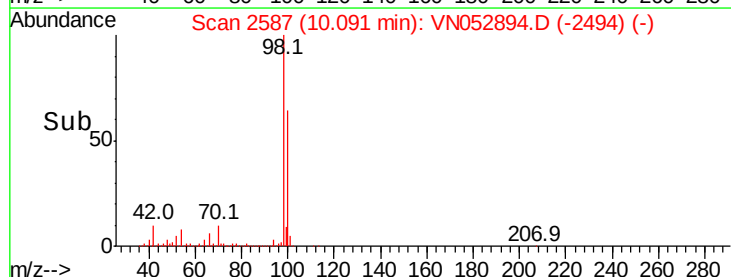
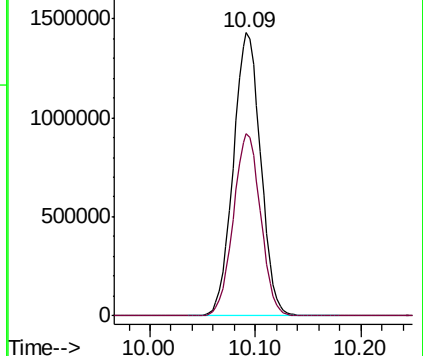
98 100

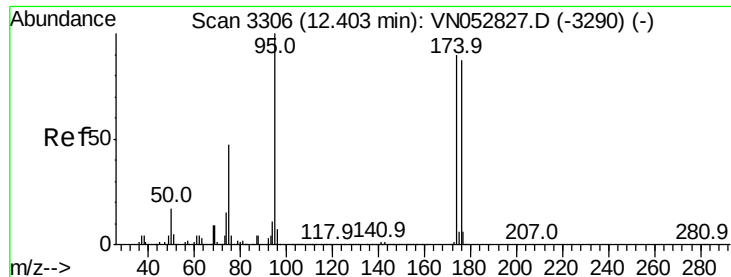
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

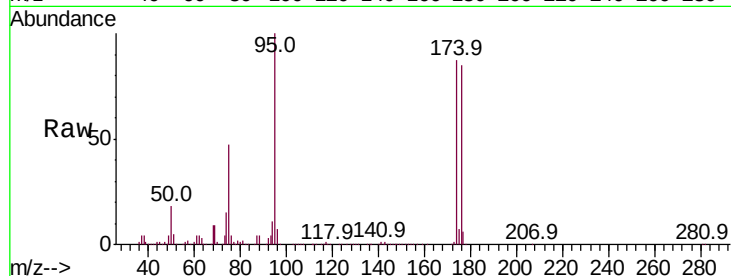




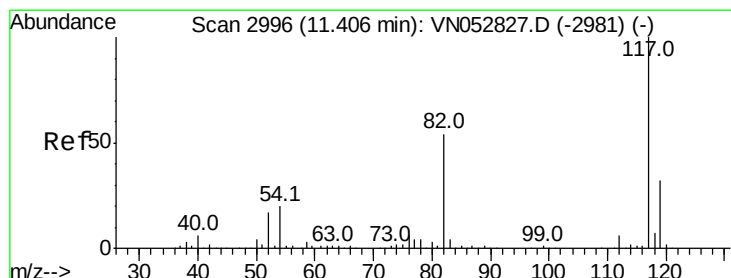
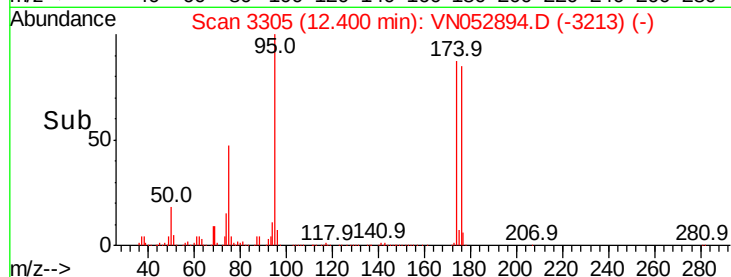
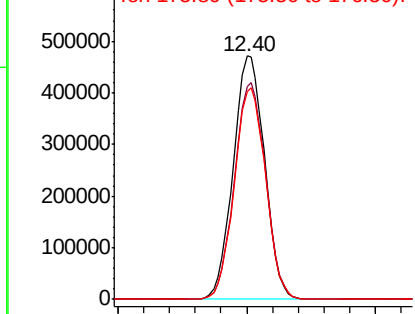
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :
PB115667TB

Tot Ion: 95 Resp: 796584
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.8
176 86.7 0.0 173.8

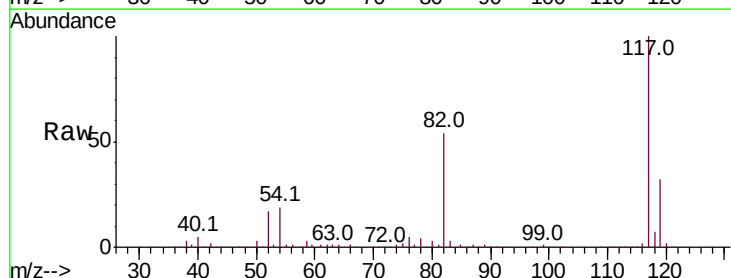


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

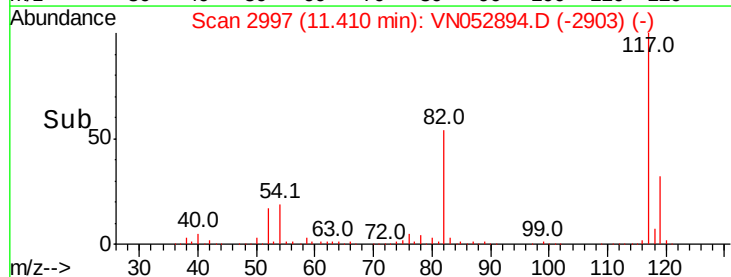
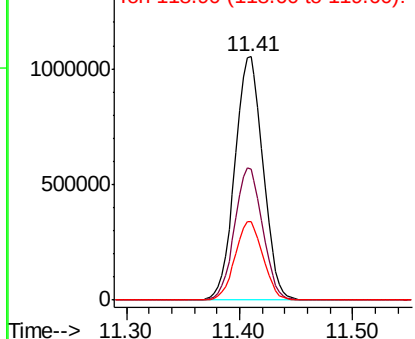


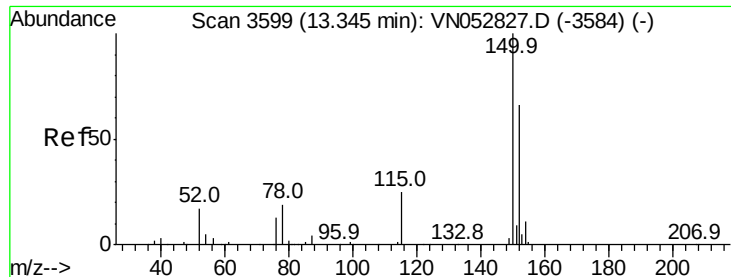
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

Tgt Ion: 117 Resp: 1824261
Ion Ratio Lower Upper
117 100
82 53.7 42.8 64.2
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

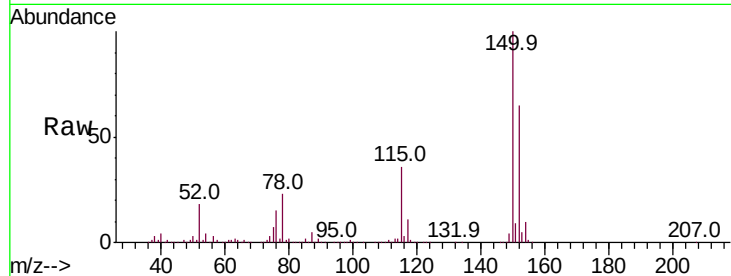




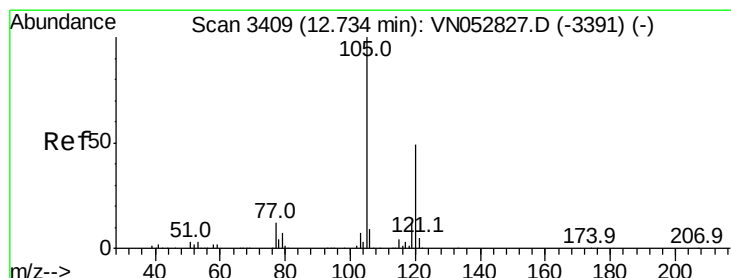
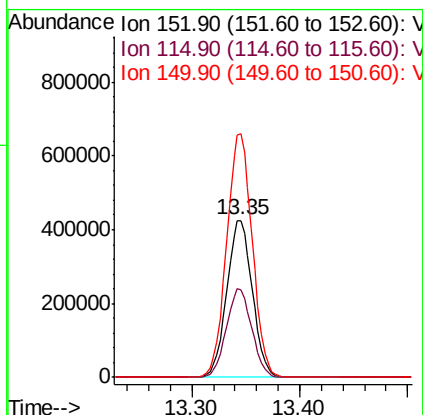
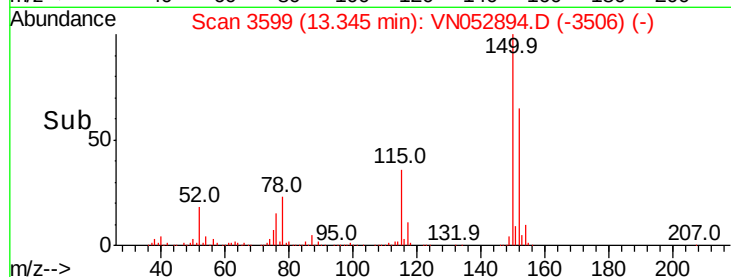
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

Instrument :
 MSVOA_N
 ClientSampled :
 PB115667TB

Tot Ion:152 Resp: 699022
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.3 85.0
 150 155.9 0.0 347.8

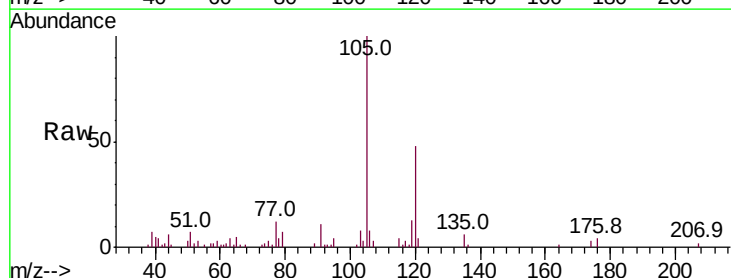


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#80
 1,3,5-Trimethylbenzene
 Concen: 1.083 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

Tgt Ion:105 Resp: 45641
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.4 73.2



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

