

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052035.D
 Acq On : 26 Oct 2018 18:20
 Operator : MD\SY
 Sample : PB114195ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#12

Quant Time: Oct 27 00:46:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

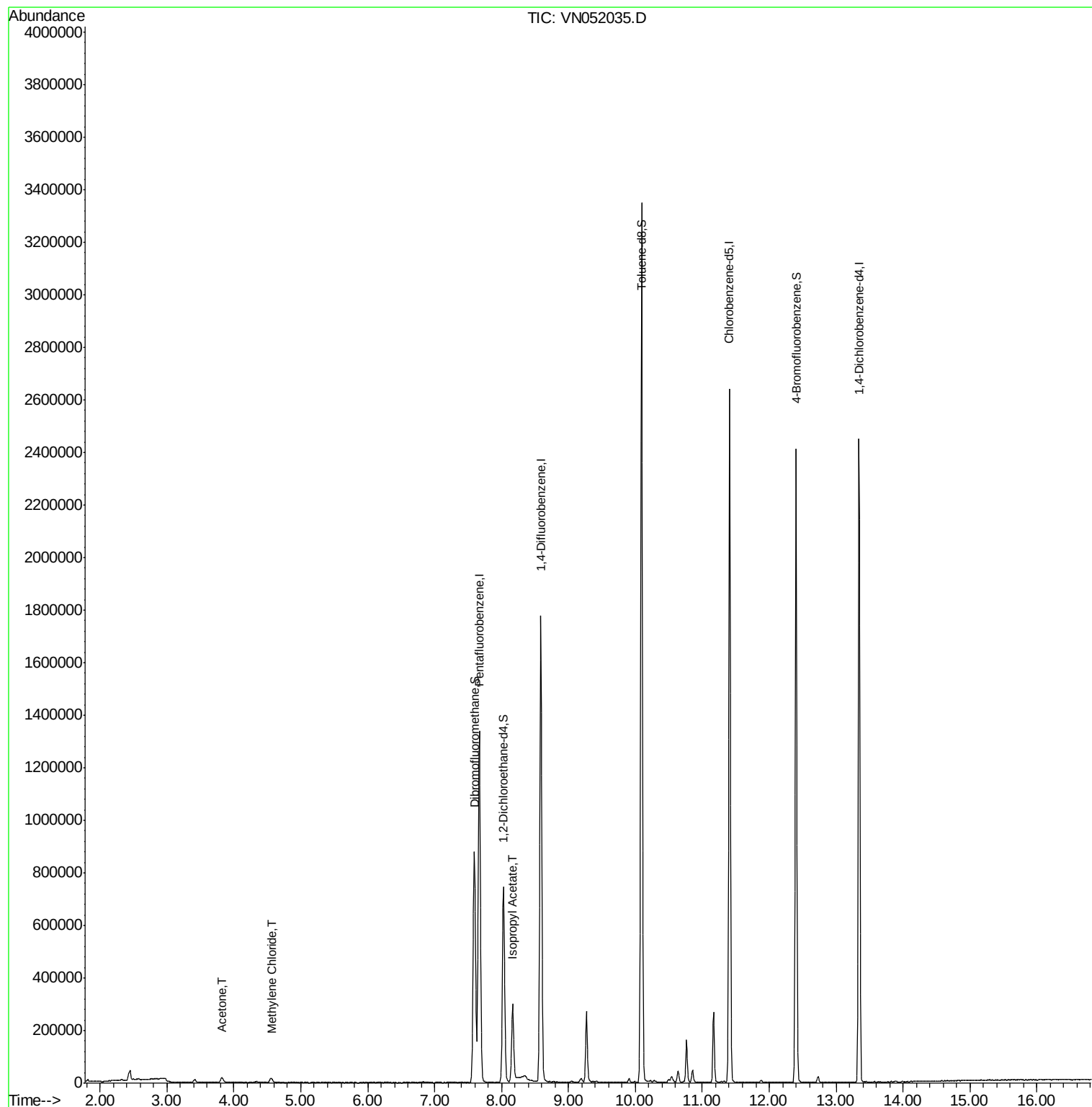
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1221193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1783223	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1678188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	721917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	620940	57.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.18%	
35) Dibromofluoromethane	7.59	113	663214	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
50) Toluene-d8	10.09	98	2440046	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
62) 4-Bromofluorobenzene	12.40	95	750301	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
Target Compounds						
16) Acetone	3.82	43	32307	18.029	ug/l	95
20) Methylene Chloride	4.56	84	13796	1.312	ug/l	92
43) Isopropyl Acetate	8.17	43	337024	29.420	ug/l	99

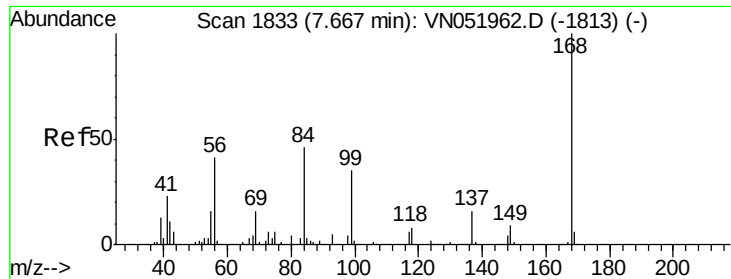
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102618\
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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: VN052035.D

Acq: 26 Oct 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

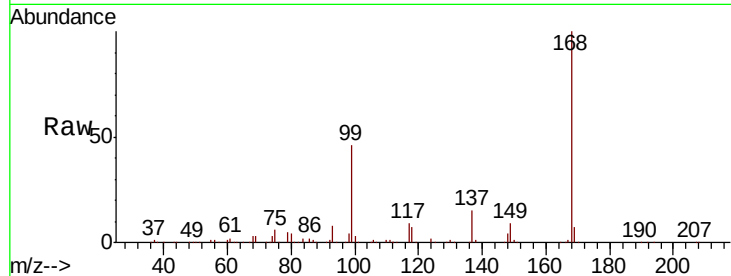
PB114195ZHE#12

Tot Ion:168 Resp: 1221193

Ion Ratio Lower Upper

168 100

99 46.1 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

600000

500000

400000

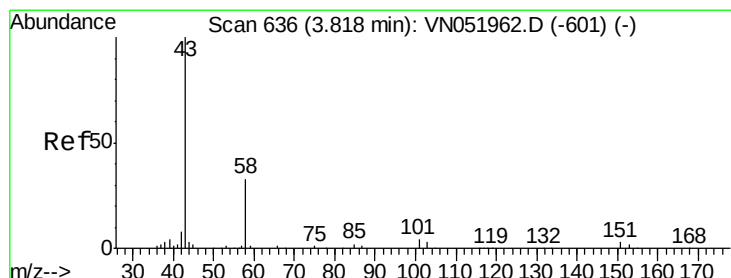
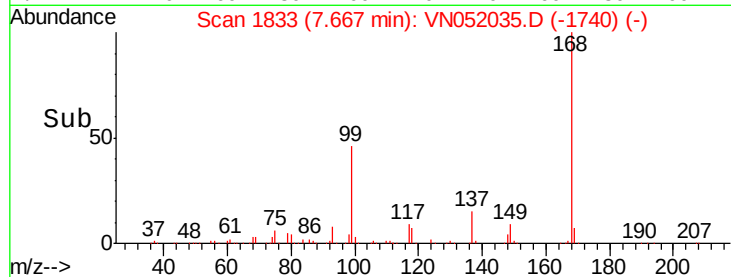
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 18.029 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052035.D

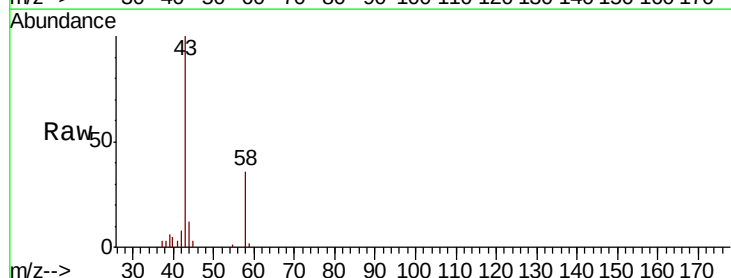
Acq: 26 Oct 2018 18:20

Tgt Ion: 43 Resp: 32307

Ion Ratio Lower Upper

43 100

58 36.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-601) (-)

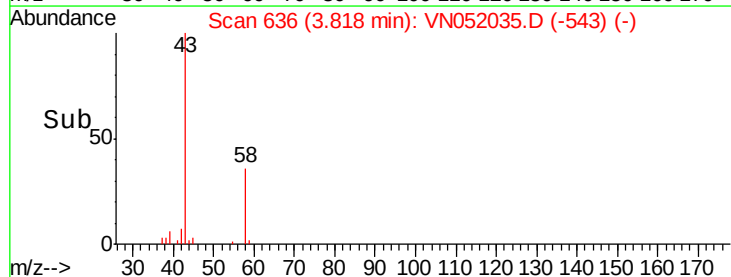
3.82

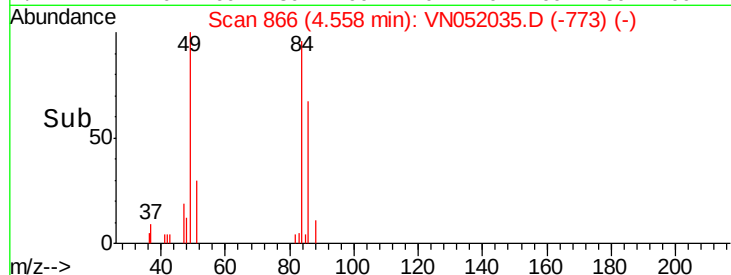
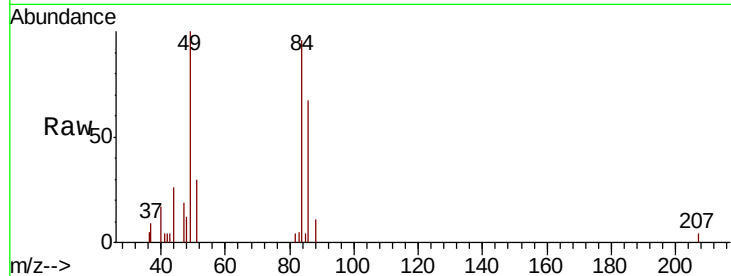
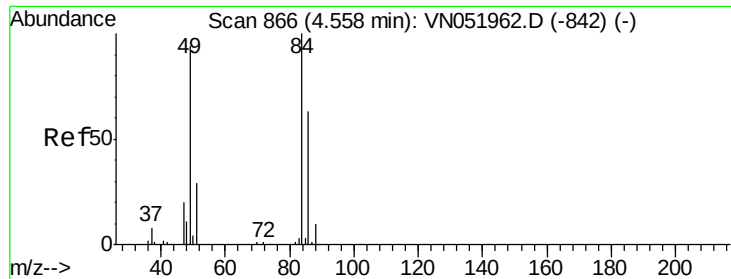
10000

5000

0

Time-->

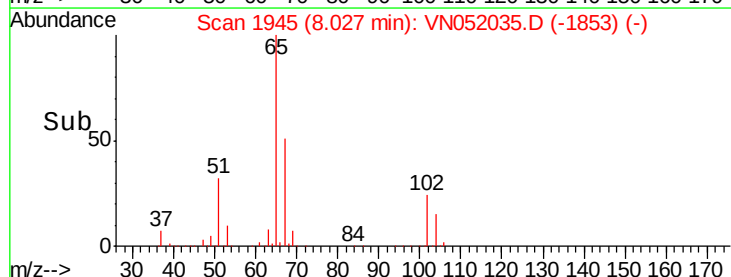
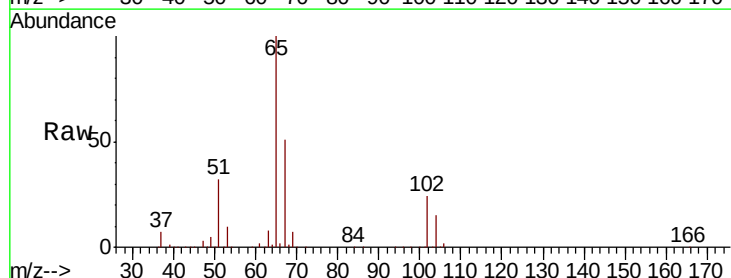
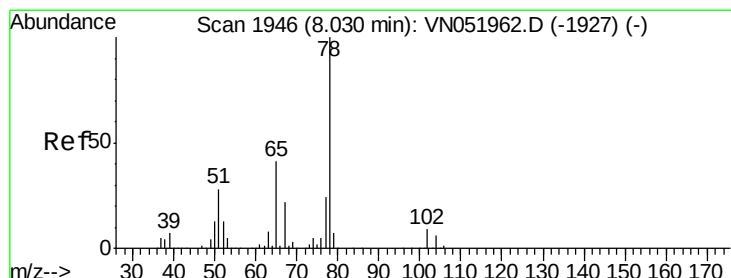
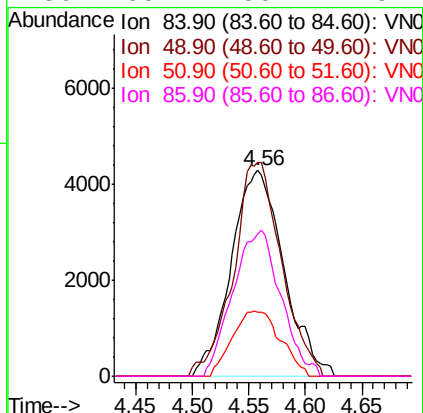




#20
Methvlene Chloride
Concen: 1.312 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052035.D
Acq: 26 Oct 2018 18:20

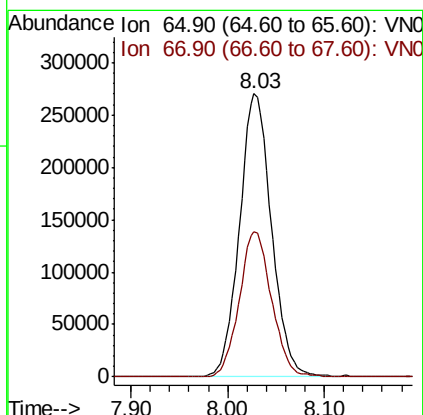
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#12

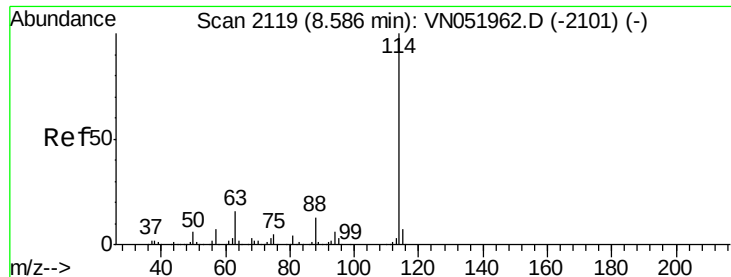
Tot Ion:	84	Resp:	13796
Ion	Ratio	Lower	Upper
84	100		
49	103.7	75.4	113.0
51	31.2	23.1	34.7
86	69.1	50.2	75.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052035.D
Acq: 26 Oct 2018 18:20

Tgt Ion:	65	Resp:	620940
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.8



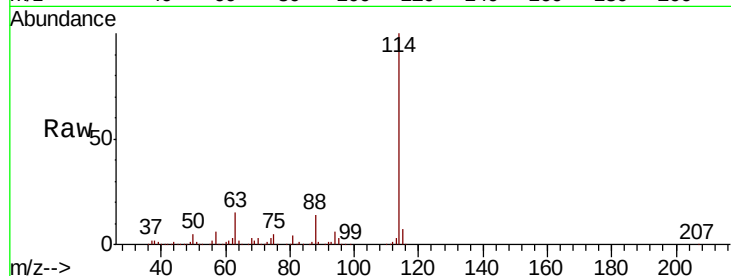


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052035.D
 Acq: 26 Oct 2018 18:20

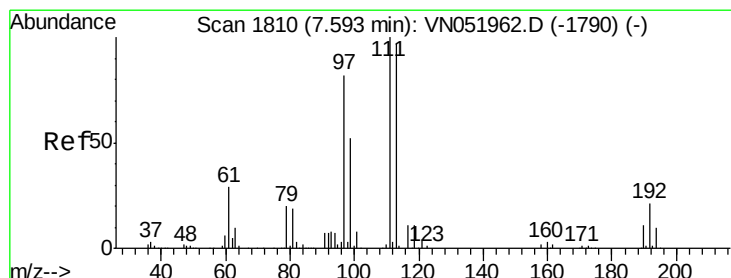
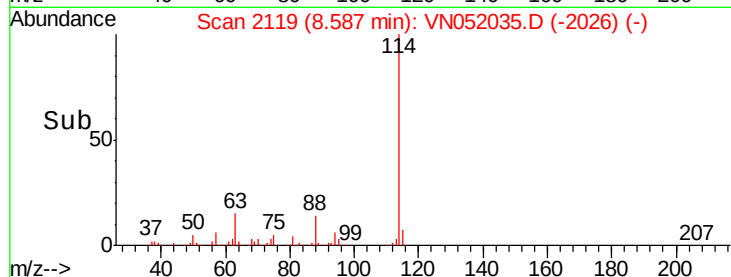
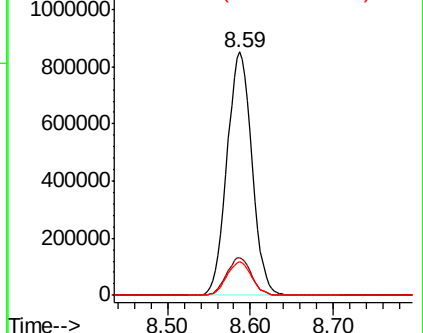
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#12

Tot Ion:114 Resp: 1783223

Ion	Ratio	Lower	Upper
114	100		
63	15.4	0.0	31.2
88	13.9	0.0	27.0



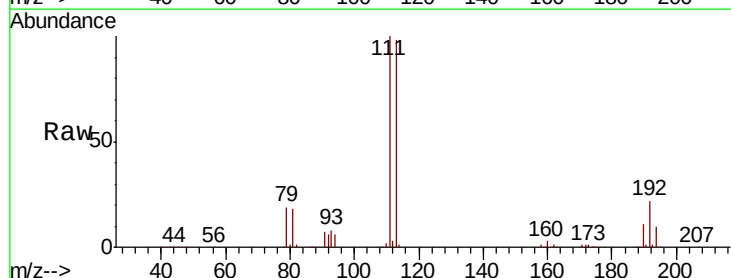
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



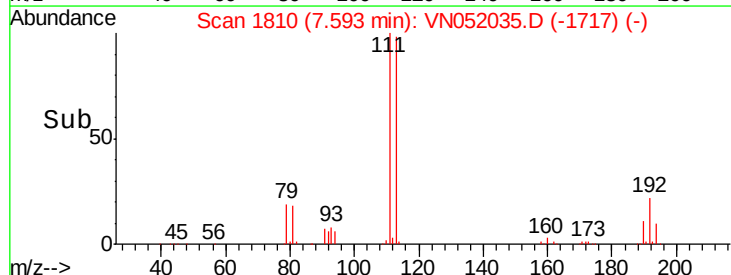
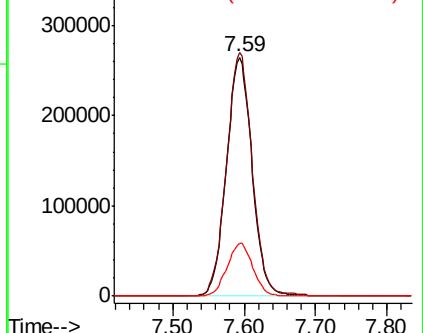
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052035.D
 Acq: 26 Oct 2018 18:20

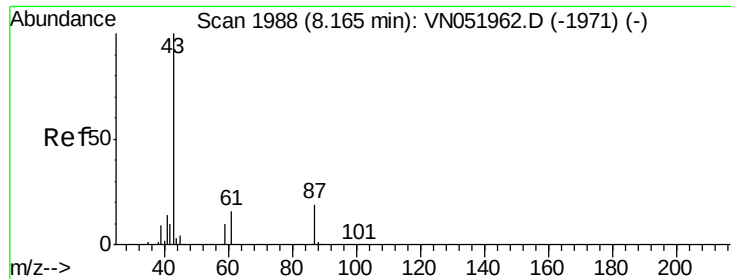
Tgt Ion:113 Resp: 663214

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.7	121.1
192	22.2	17.2	25.8



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: 29.420 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052035.D

Acq: 26 Oct 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#12

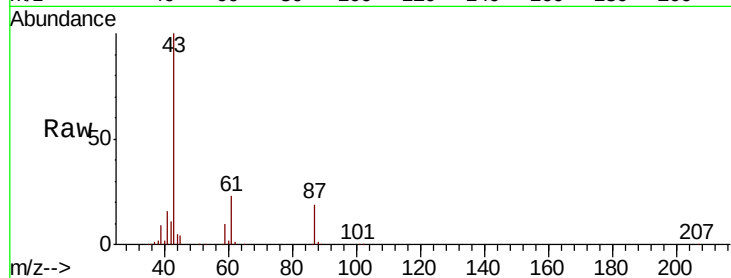
Tot Ion: 43 Resp: 337024

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

87 17.8 15.2 22.8

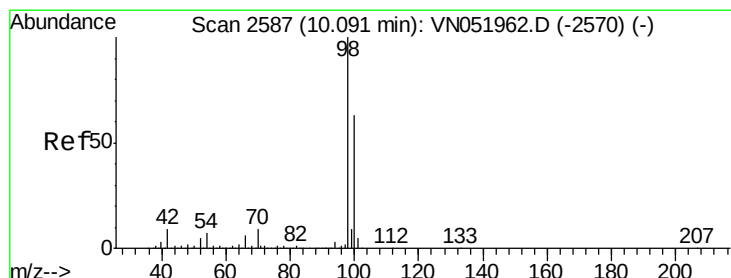
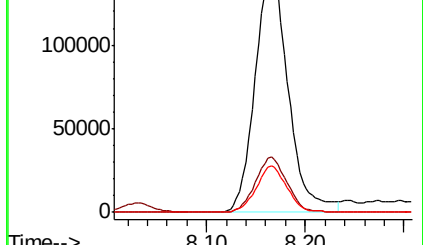
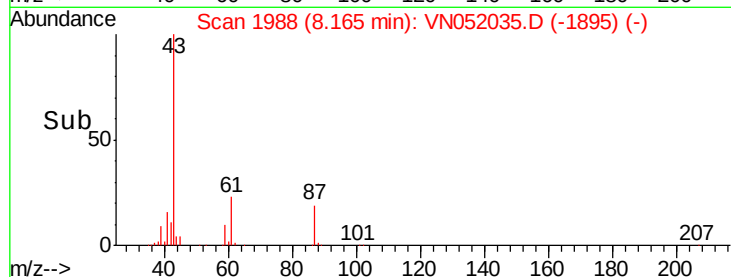


Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN051962.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN051962.D (-1971) (-)

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052035.D

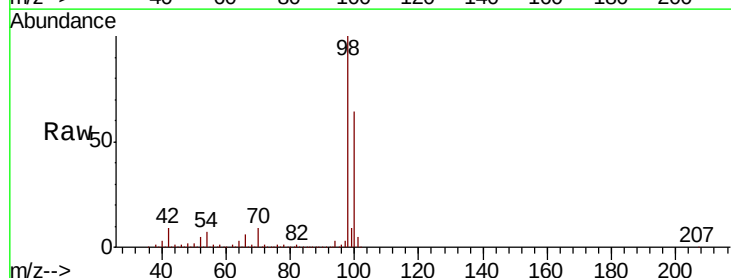
Acq: 26 Oct 2018 18:20

Tgt Ion: 98 Resp: 2440046

Ion Ratio Lower Upper

98 100

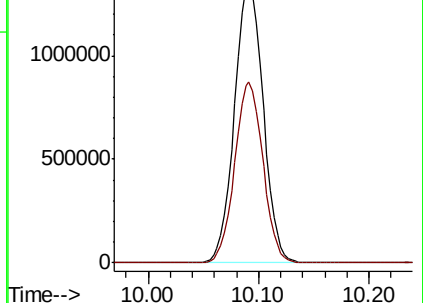
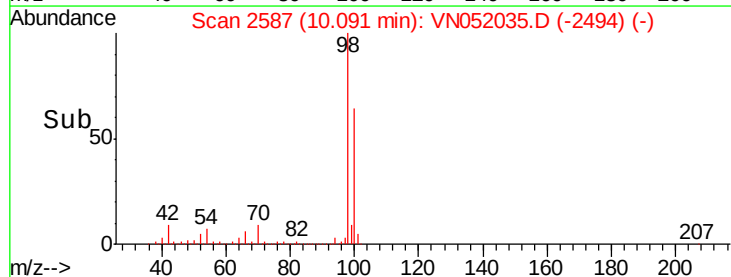
100 63.5 50.7 76.1

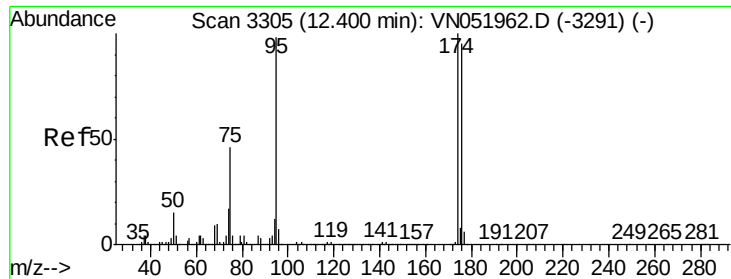


Abundance Ion 98.00 (97.70 to 98.70): VN051962.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051962.D (-2570) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052035.D

Acq: 26 Oct 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#12

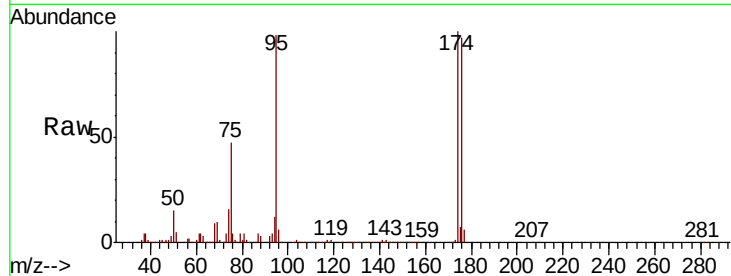
Tot Ion: 95 Resp: 750301

Ion Ratio Lower Upper

95 100

174 103.8 0.0 206.0

176 100.5 0.0 198.0

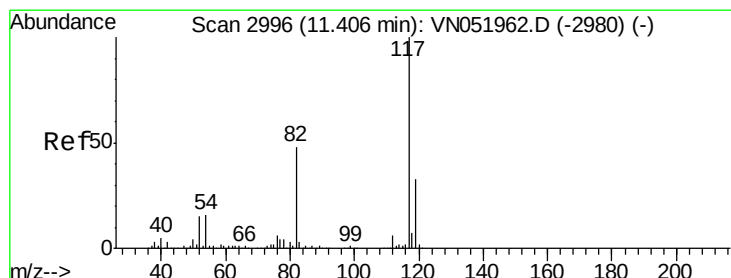
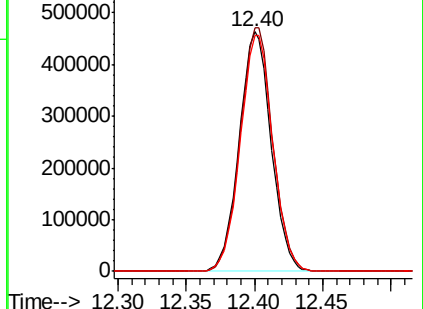
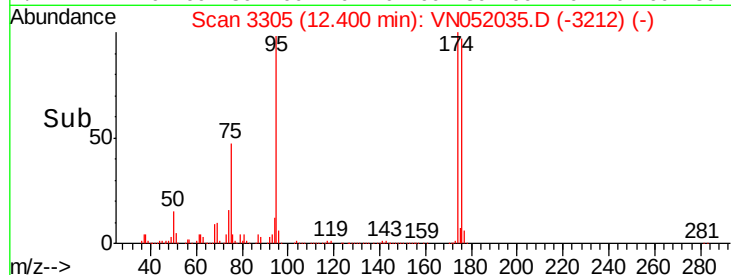


Abundance Ion 94.90 (94.60 to 95.60): VN051962.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051962.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051962.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052035.D

Acq: 26 Oct 2018 18:20

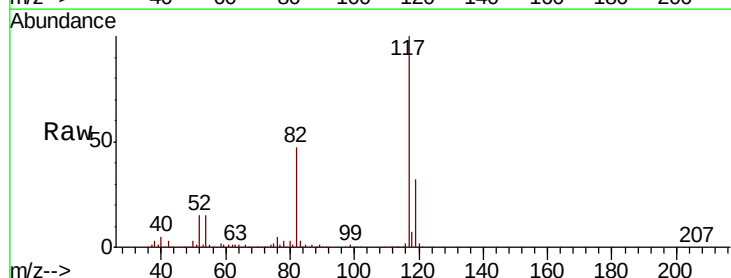
Tgt Ion: 117 Resp: 1678188

Ion Ratio Lower Upper

117 100

82 46.6 38.1 57.1

119 31.8 26.4 39.6

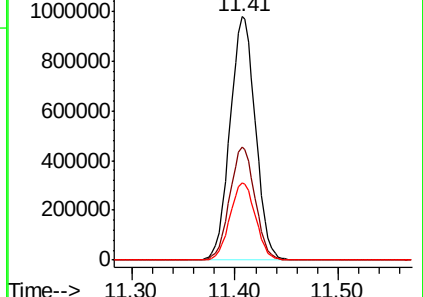
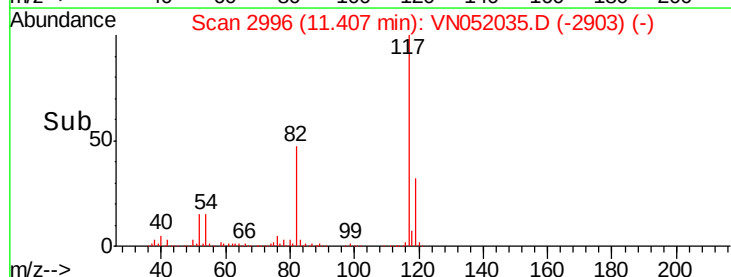


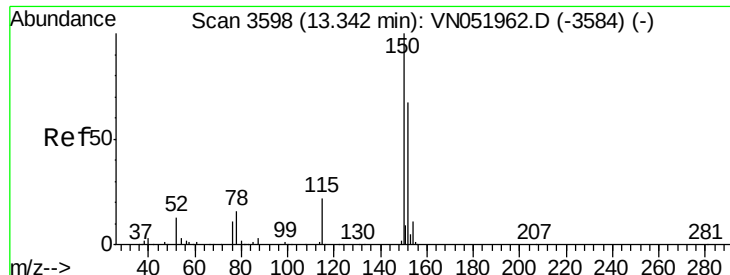
Abundance Ion 116.90 (116.60 to 117.60): VN051962.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051962.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051962.D (-2980) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052035.D

Acq: 26 Oct 2018 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#12

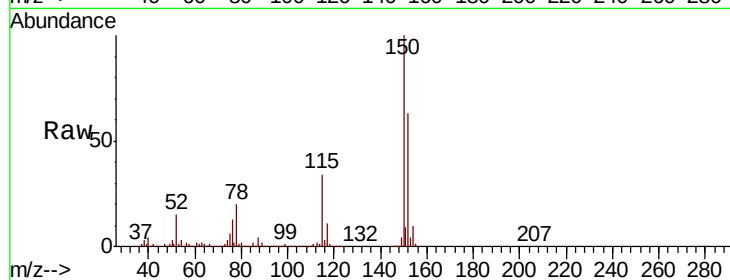
Tot Ion:152 Resp: 721917

Ion Ratio Lower Upper

152 100

115 52.6 25.8 77.3

150 158.4 0.0 344.4



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

