

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051327.D
 Acq On : 19 Sep 2018 18:31
 Operator : MD\SY
 Sample : PB112984ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112984ZHE#01

Quant Time: Sep 20 02:30:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

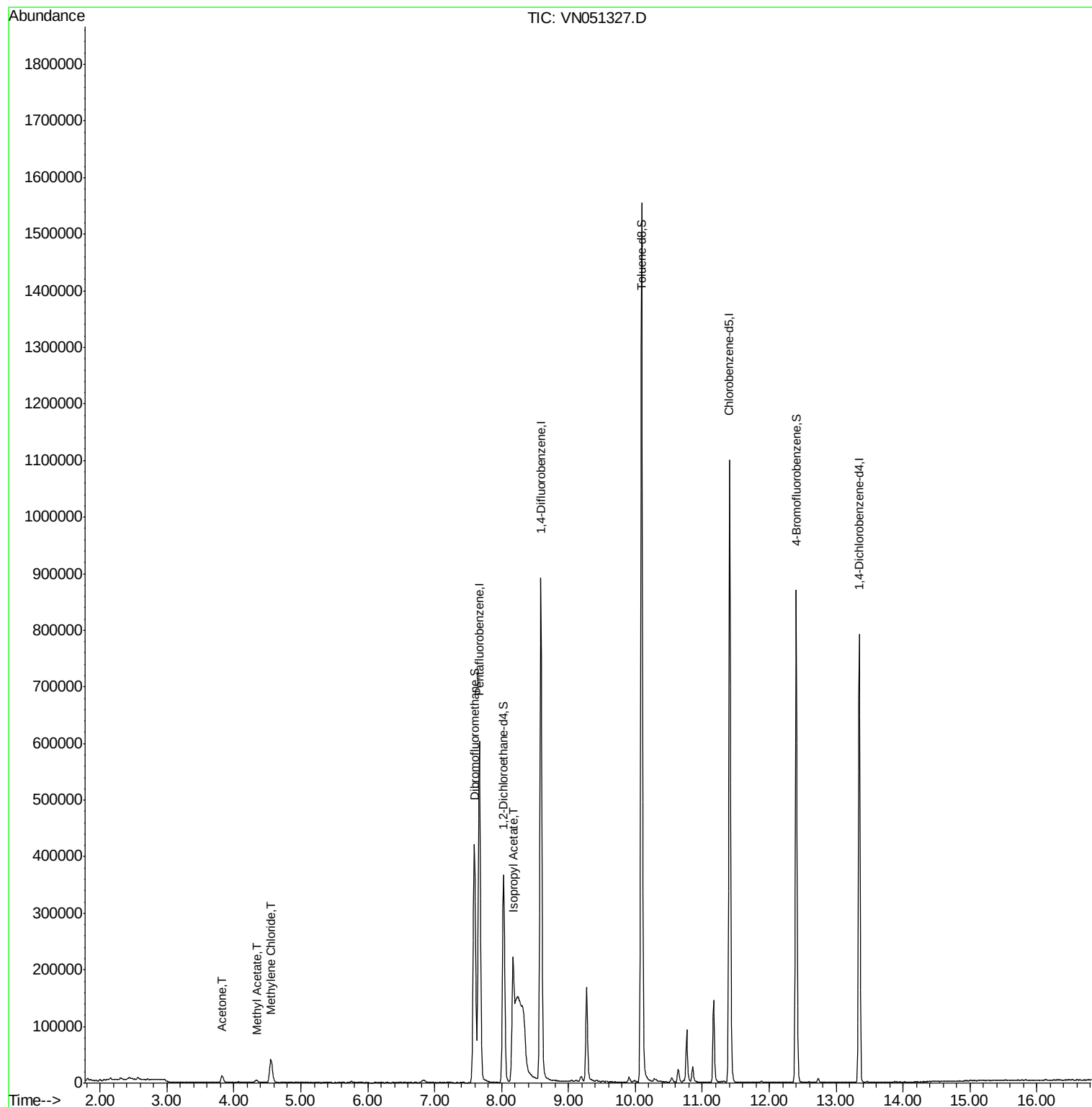
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	543286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	866855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	315172	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	7.59	113	323568	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.09	98	1142907	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	299530	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
Target Compounds						
16) Acetone	3.82	43	20797	6.18	ug/l	Qvalue 100
18) Methyl Acetate	4.34	43	9573	1.67	ug/l	98
20) Methylene Chloride	4.56	84	32386	5.01	ug/l	96
43) Isopropyl Acetate	8.17	43	266446	31.92	ug/l #	91

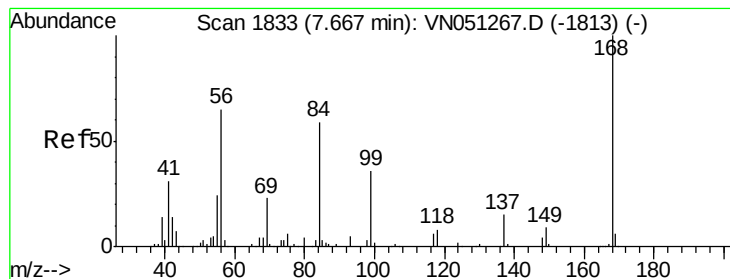
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

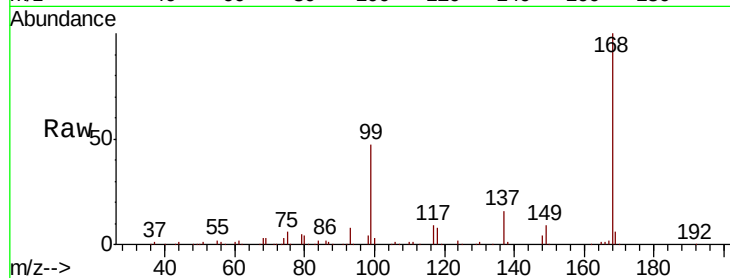
PB112984ZHE#01

Tot Ion:168 Resp: 543286

Ion Ratio Lower Upper

168 100

99 47.3 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051327.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051327.D (-1740) (-)

7.67

250000

200000

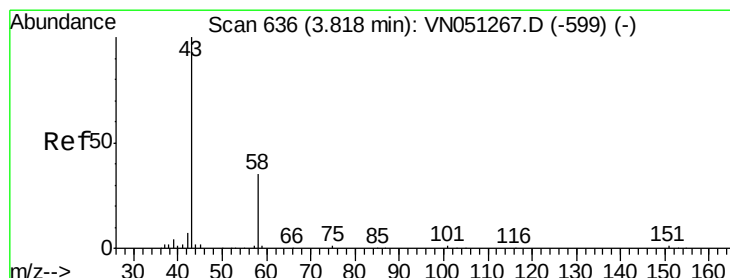
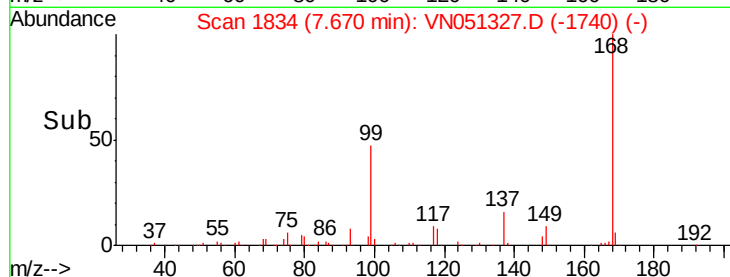
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 6.18 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051327.D

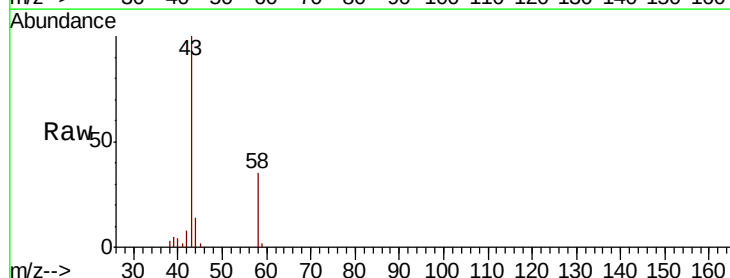
Acq: 19 Sep 2018 18:31

Tgt Ion: 43 Resp: 20797

Ion Ratio Lower Upper

43 100

58 35.0 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VN051327.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN051327.D (-543) (-)

3.82

8000

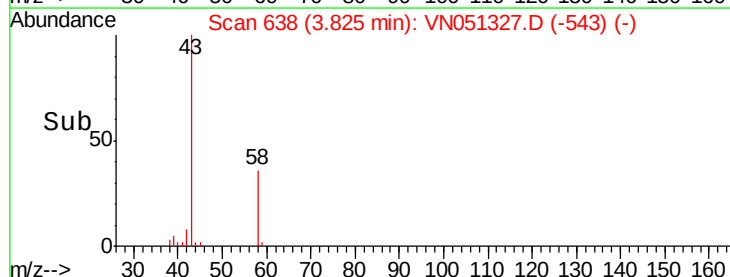
6000

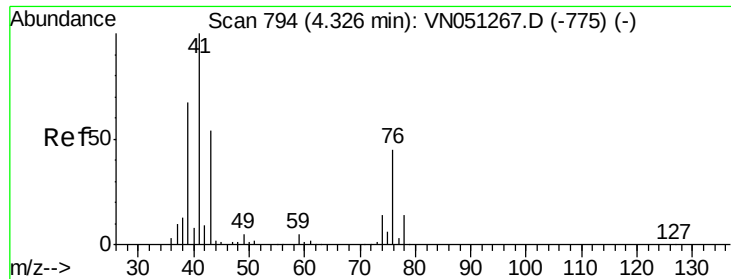
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

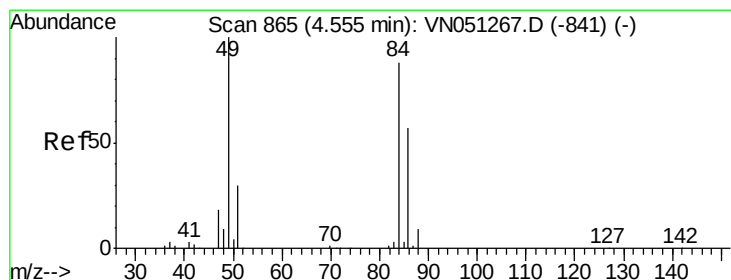
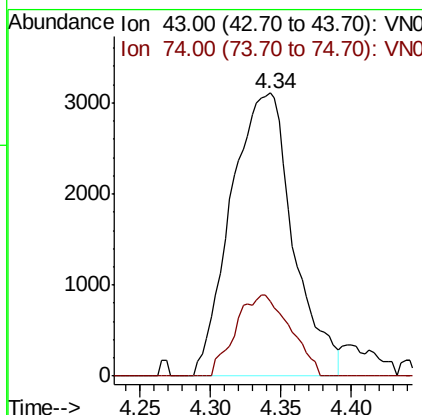
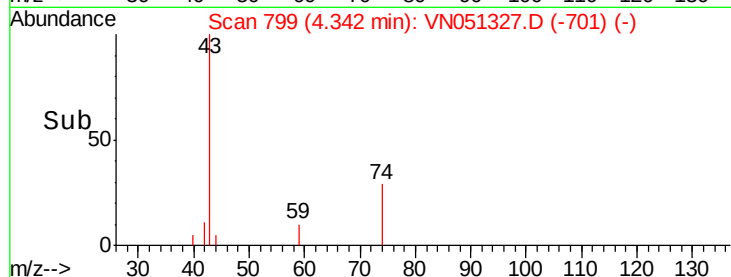
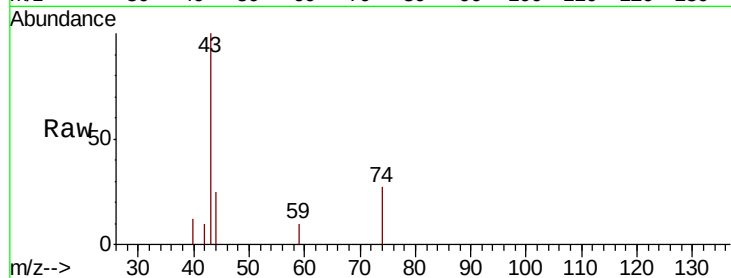




#18
Methyl Acetate
Concen: 1.67 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

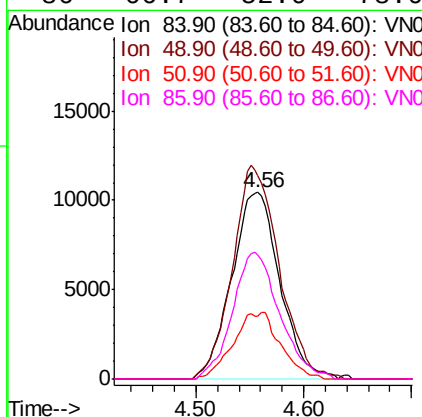
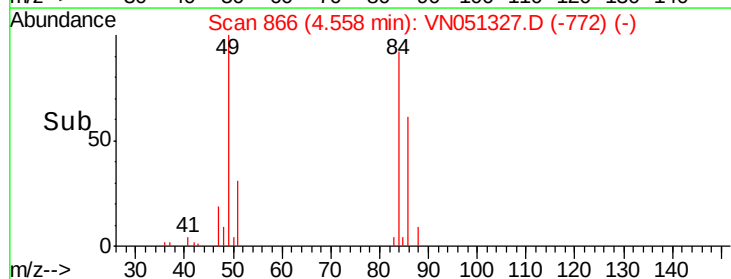
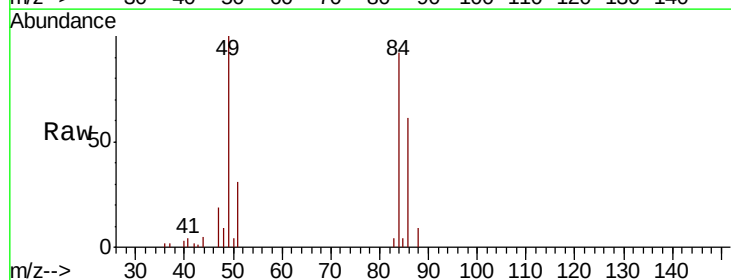
Instrument :
MSVOA_N
ClientSampleId :
PB112984ZHE#01

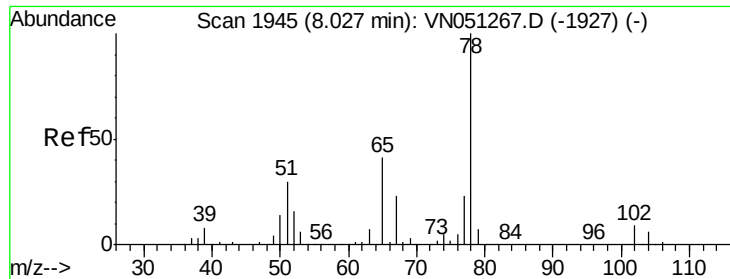
Tot Ion: 43 Resp: 9573
Ion Ratio Lower Upper
43 100
74 25.0 20.8 31.2



#20
Methylene Chloride
Concen: 5.01 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

Tgt Ion: 84 Resp: 32386
Ion Ratio Lower Upper
84 100
49 108.7 91.2 136.8
51 33.8 27.7 41.5
86 66.7 52.0 78.0

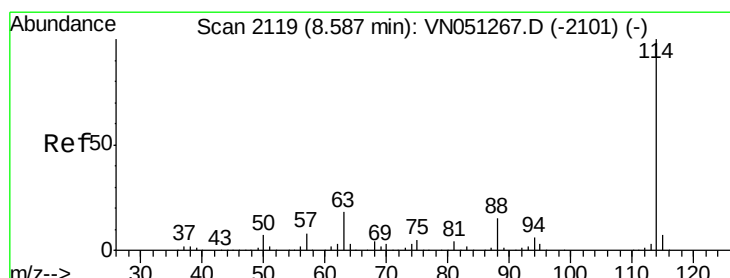
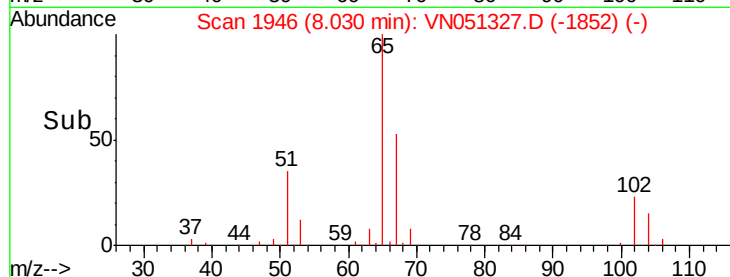
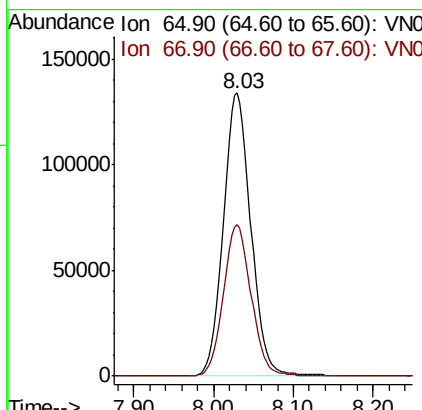
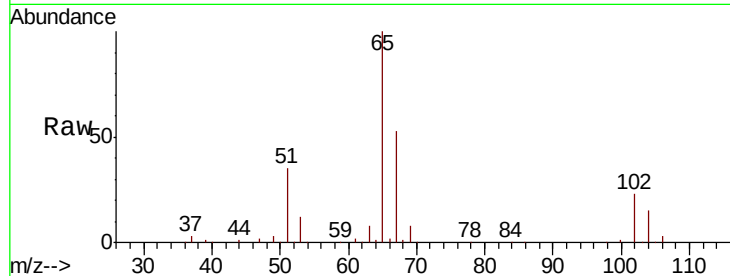




#33
 1,2-Dichloroethane-d4
 Concen: 53.38 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051327.D
 Acq: 19 Sep 2018 18:31

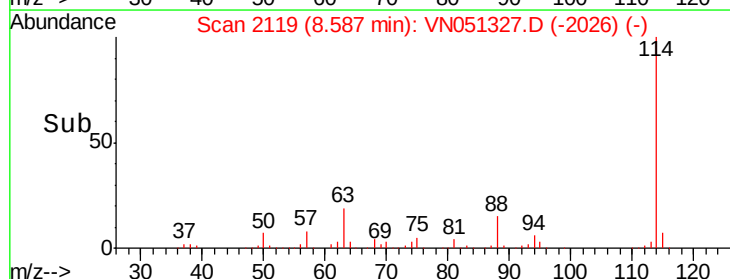
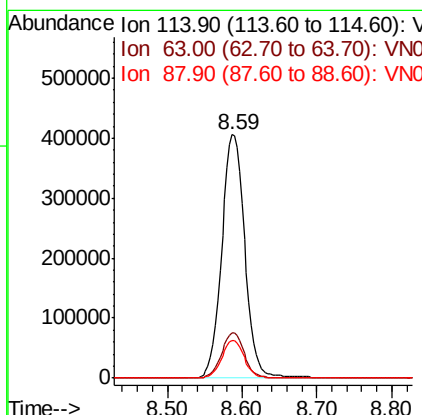
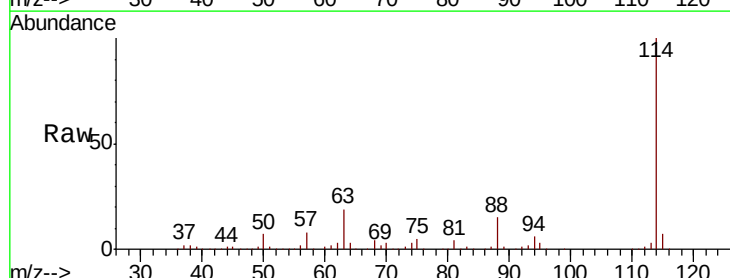
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112984ZHE#01

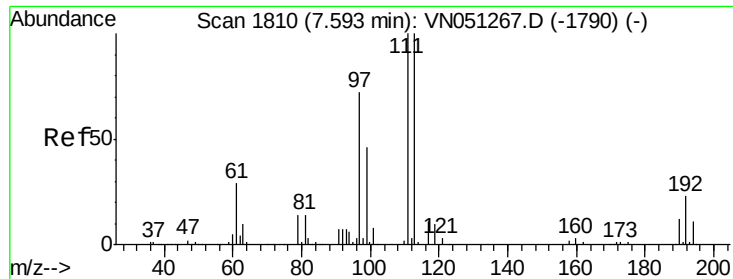
Tot Ion: 65 Resp: 315172
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051327.D
 Acq: 19 Sep 2018 18:31

Tgt Ion: 114 Resp: 866855
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 15.5 0.0 30.8

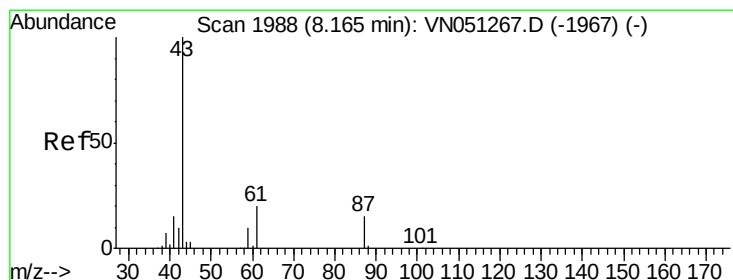
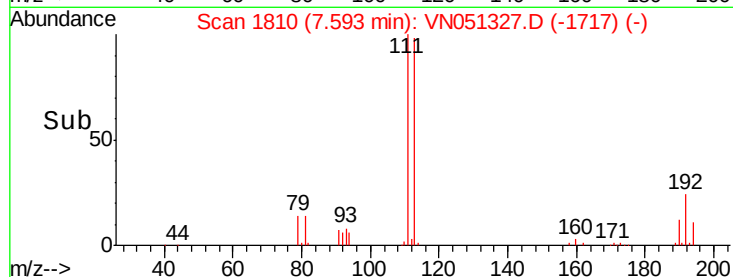
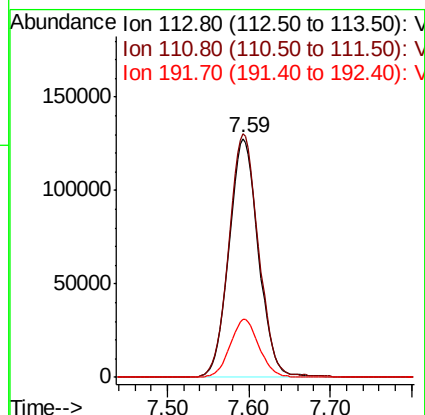
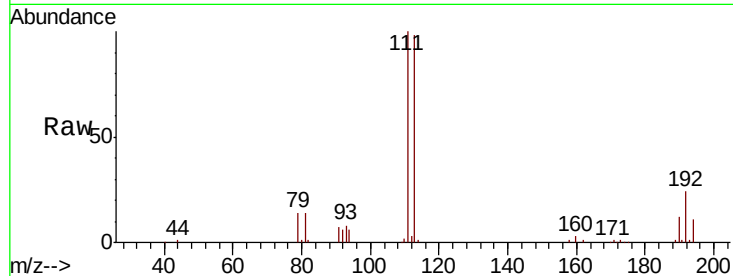




#35
Dibromofluoromethane
Concen: 48.03 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

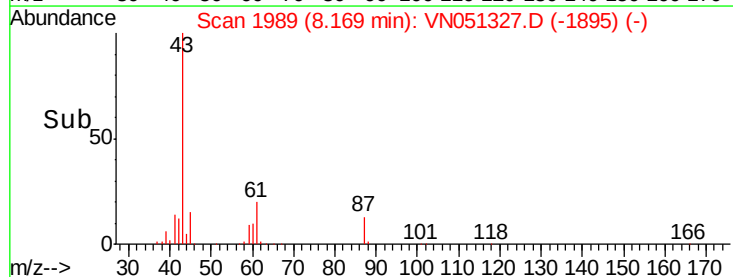
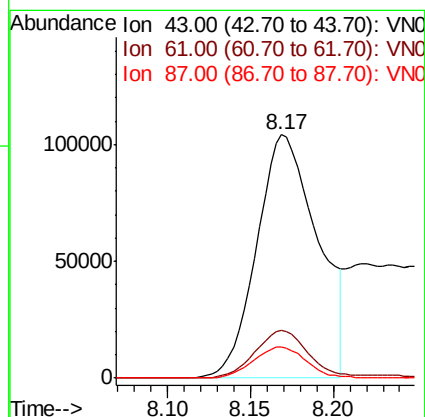
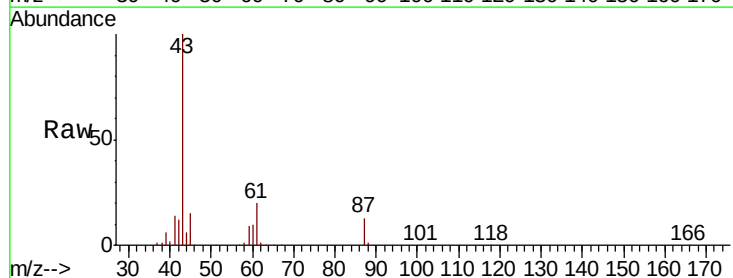
Instrument :
MSVOA_N
ClientSampleId :
PB112984ZHE#01

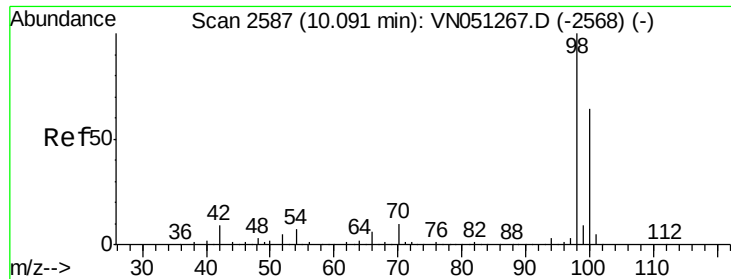
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	23.8	19.0	28.6



#43
Isopropyl Acetate
Concen: 31.92 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	17.4	26.2
87	11.1	12.2	18.4#





#50

Toluene-d8

Concen: 45.90 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

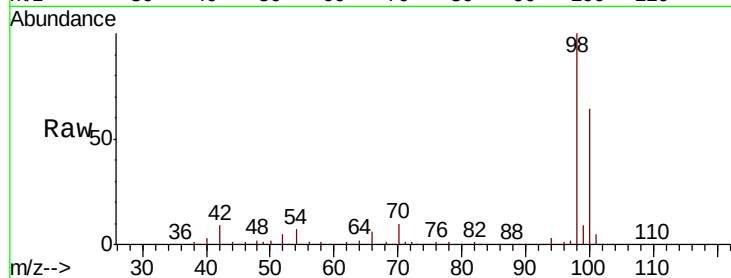
PB112984ZHE#01

Tot Ion: 98 Resp: 1142907

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

600000

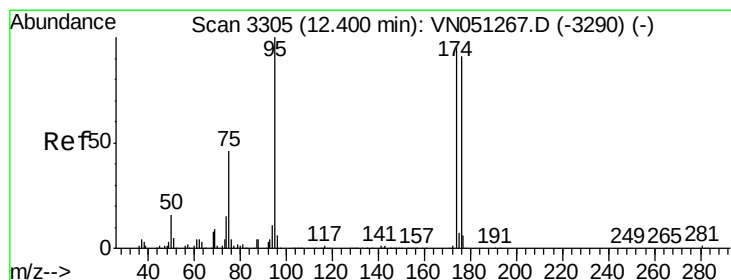
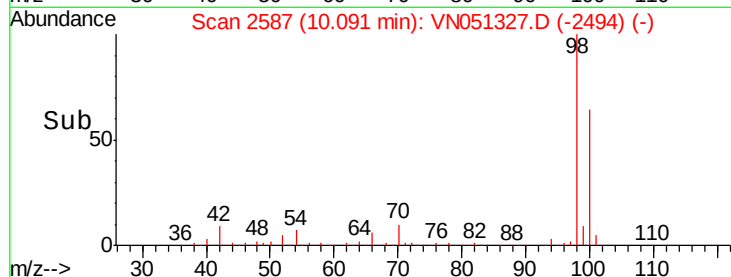
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 37.82 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051327.D

Acq: 19 Sep 2018 18:31

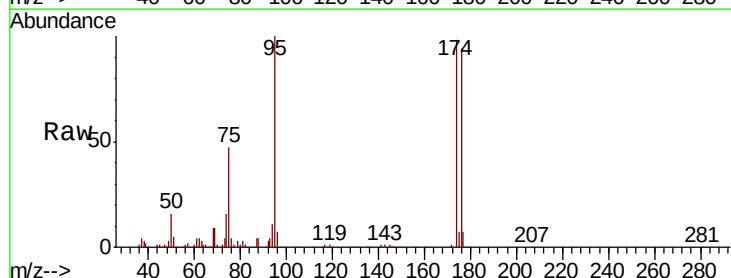
Tgt Ion: 95 Resp: 299530

Ion Ratio Lower Upper

95 100

174 98.0 0.0 189.6

176 93.6 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051267.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051267.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051267.D (-3290) (-)

12.40

200000

150000

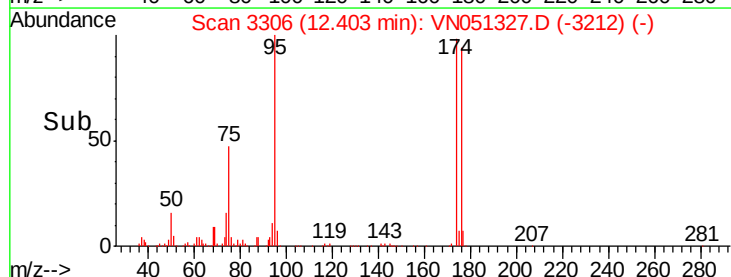
100000

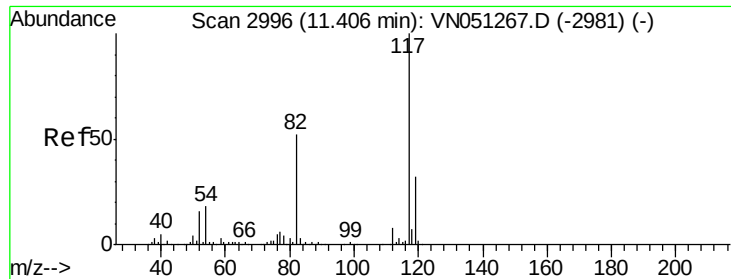
50000

0

12.30 12.40 12.50

Time-->

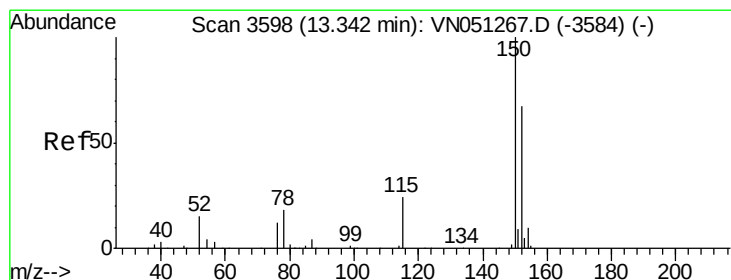
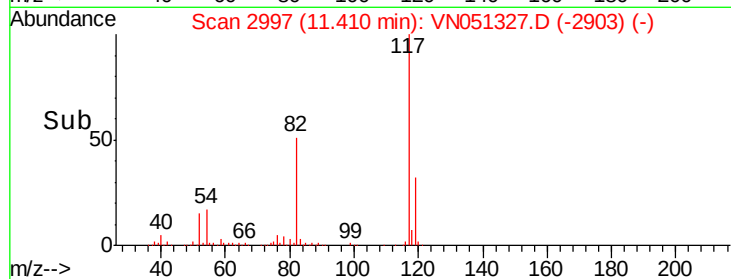
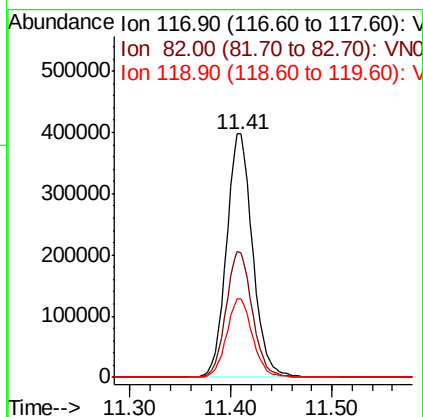
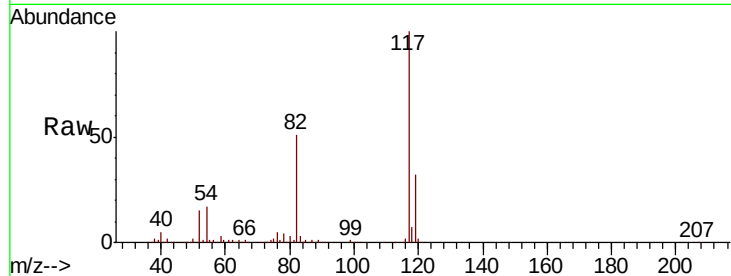




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

Instrument :
MSVOA_N
ClientSampleId :
PB112984ZHE#01

Tot Ion:117 Resp: 719113
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051327.D
Acq: 19 Sep 2018 18:31

Tgt Ion:152 Resp: 234932
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.2
150 157.6 0.0 349.0

