

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057140.D
 Acq On : 9 Aug 2019 12:36
 Operator : JC/SP
 Sample : K4238-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

Quant Time: Aug 10 07:29:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

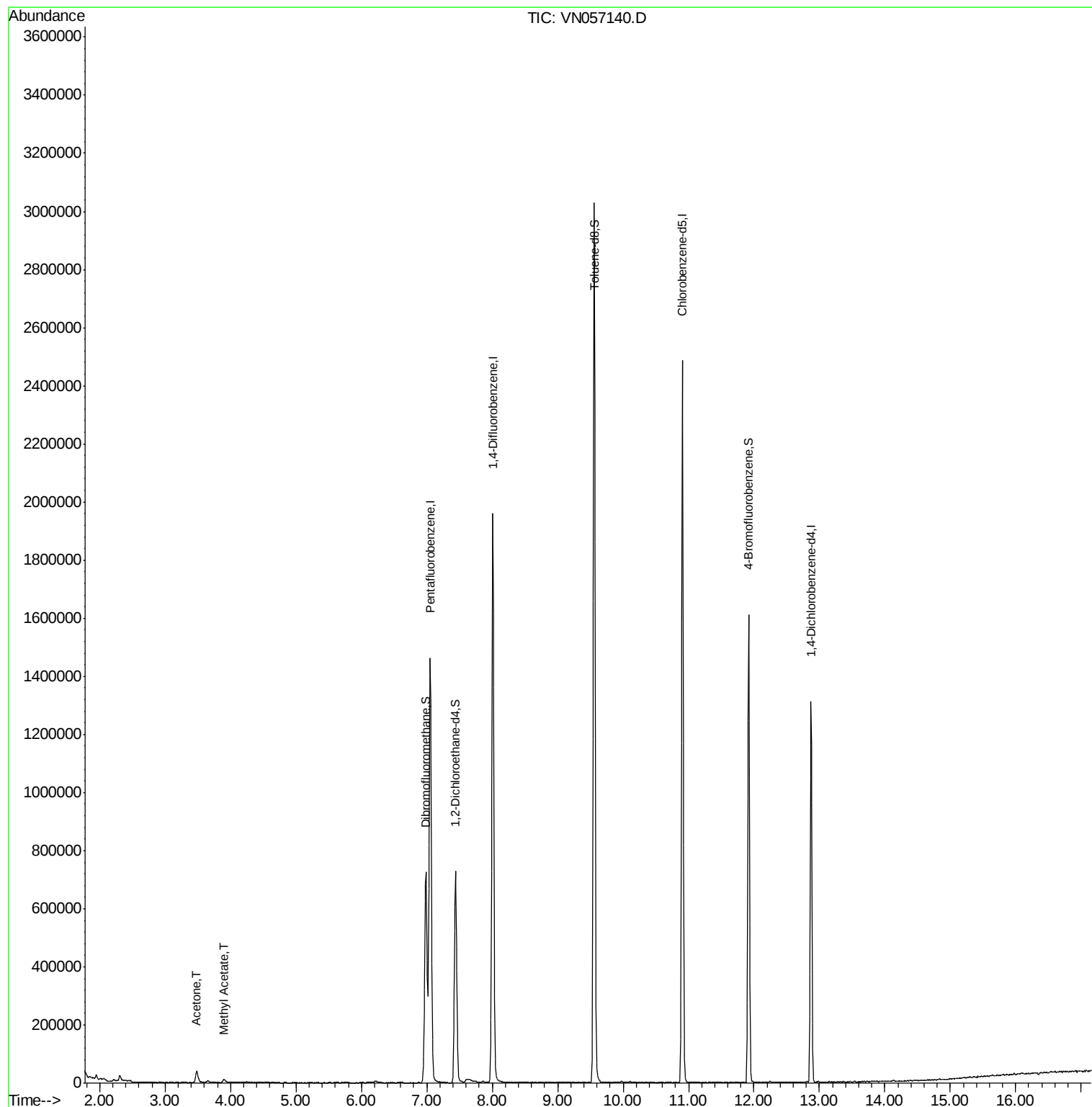
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1391853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1969420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1615783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	382613	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	658816	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	6.99	113	601000	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	9.56	98	2265540	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.92	95	584765	38.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.76%	
Target Compounds						
16) Acetone	3.48	43	61759	14.286	ug/l	97
18) Methyl Acetate	3.90	43	20424	0.941	ug/l	93

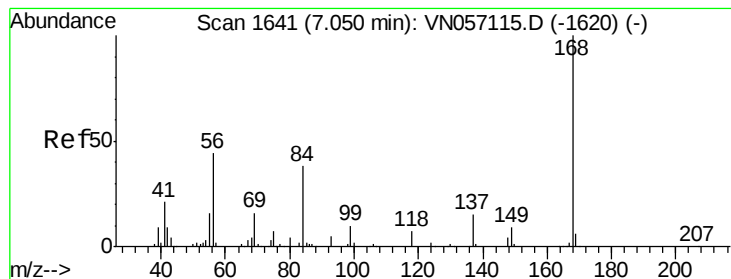
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057140.D

Acq: 9 Aug 2019 12:36

Instrument :

MSVOA_N

ClientSampled :

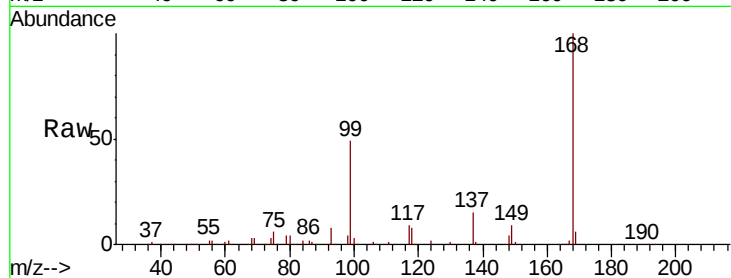
TP-17

Tot Ion:168 Resp: 1391853

Ion Ratio Lower Upper

168 100

99 49.3 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057140.D (-1548) (-)

Ion 98.90 (98.60 to 99.60): VN057140.D (-1548) (-)

7.05

600000

500000

400000

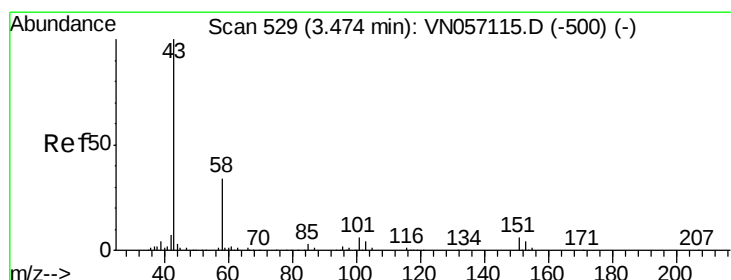
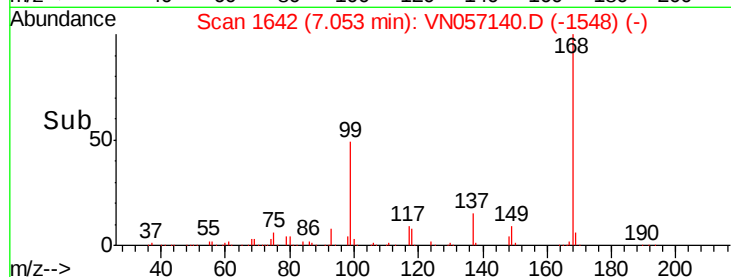
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 14.286 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057140.D

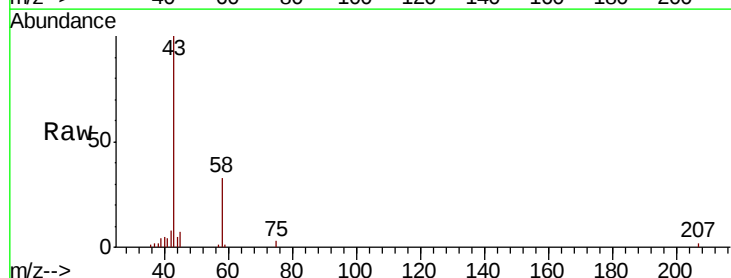
Acq: 9 Aug 2019 12:36

Tgt Ion: 43 Resp: 61759

Ion Ratio Lower Upper

43 100

58 32.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057140.D (-436) (-)

Ion 58.00 (57.70 to 58.70): VN057140.D (-436) (-)

3.48

25000

20000

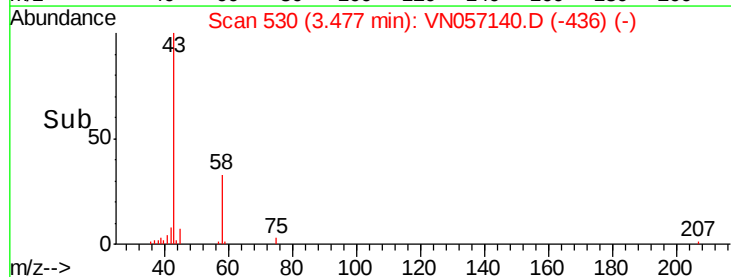
15000

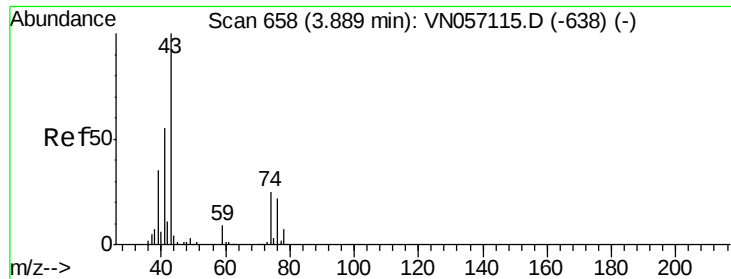
10000

5000

0

Time-->

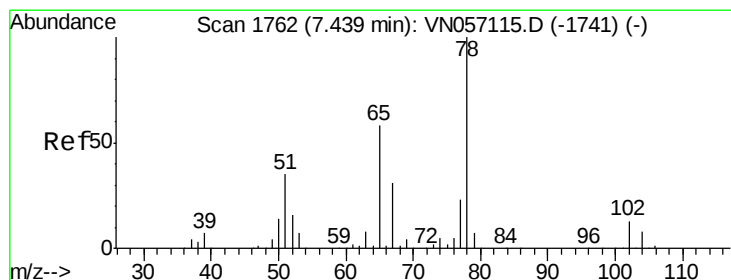
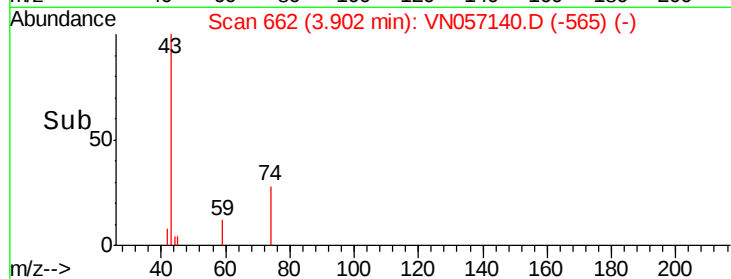
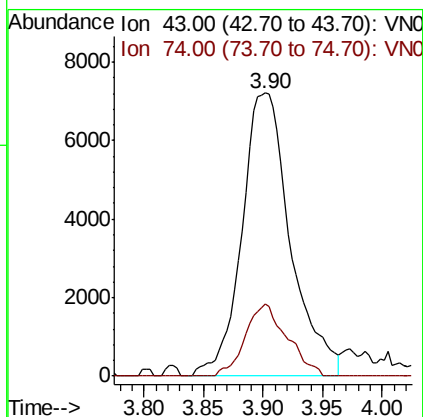
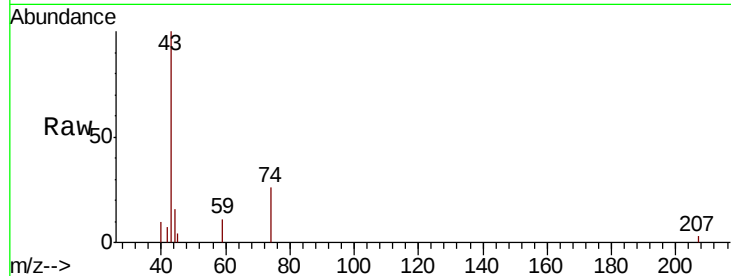




#18
Methvl Acetate
Concen: 0.941 ug/l
RT: 3.90 min Scan# 662
Delta R.T. 0.01 min
Lab File: VN057140.D
Acq: 9 Aug 2019 12:36

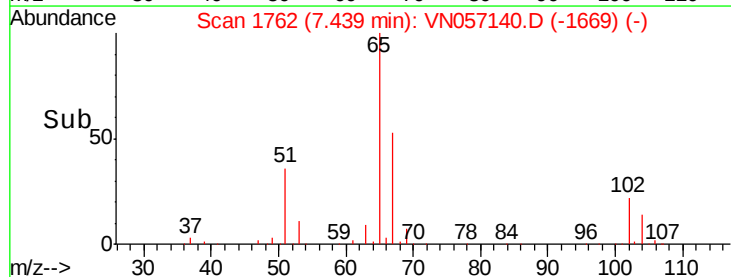
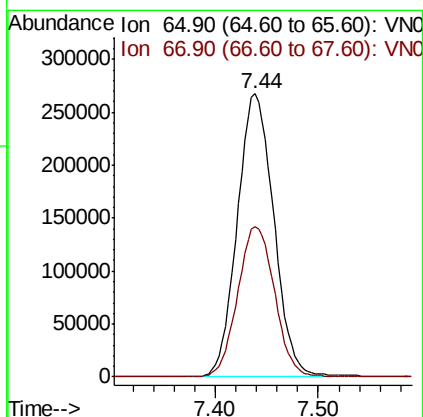
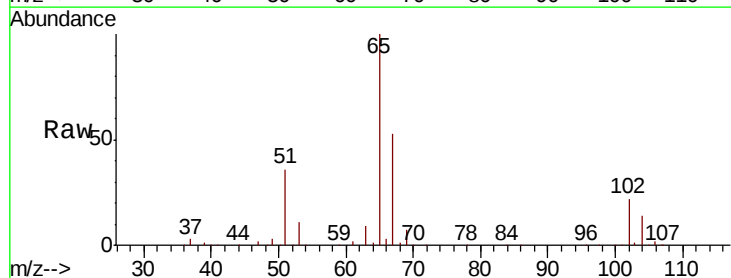
Instrument :
MSVOA_N
ClientSampled :
TP-17

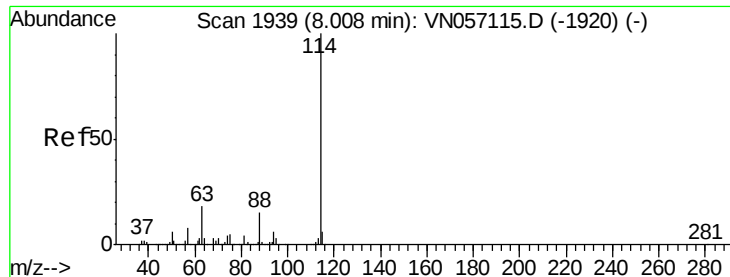
Tot Ion: 43 Resp: 20424
Ion Ratio Lower Upper
43 100
74 21.9 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 46.025 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057140.D
Acq: 9 Aug 2019 12:36

Tgt Ion: 65 Resp: 658816
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.2

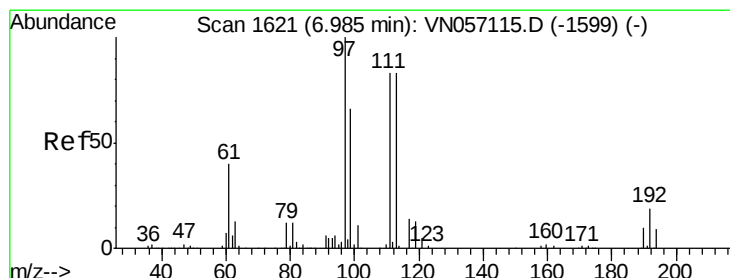
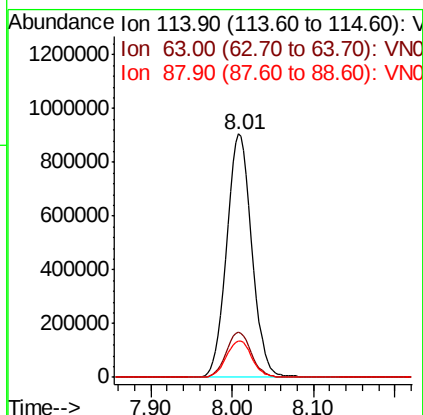
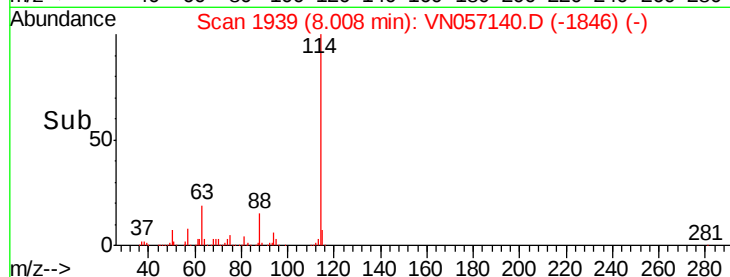
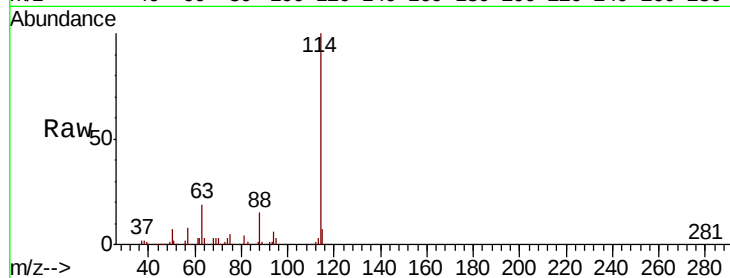




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057140.D
 Acq: 9 Aug 2019 12:36

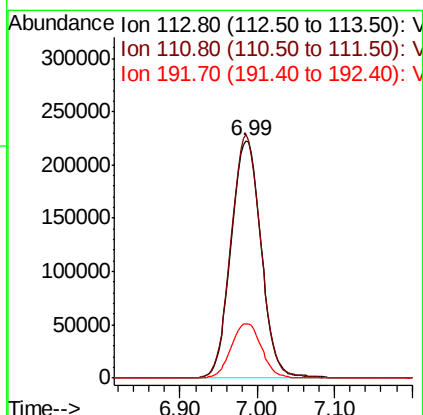
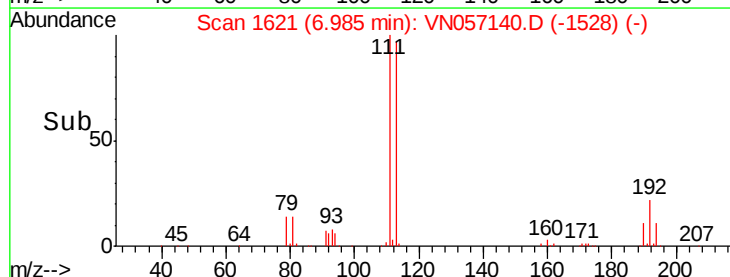
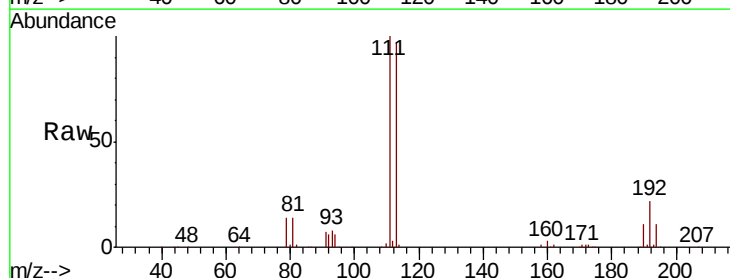
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-17

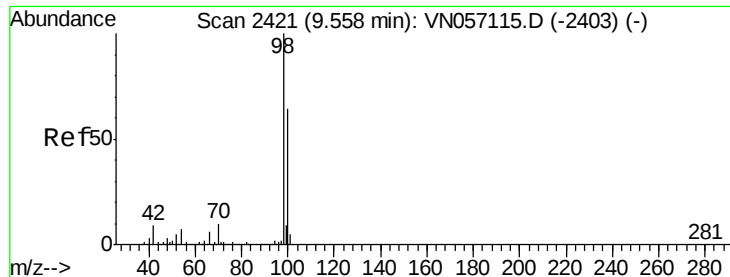
Tot Ion:114 Resp: 1969420
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 15.0 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.631 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057140.D
 Acq: 9 Aug 2019 12:36

Tgt Ion:113 Resp: 601000
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.3 121.9
 192 23.3 19.0 28.4

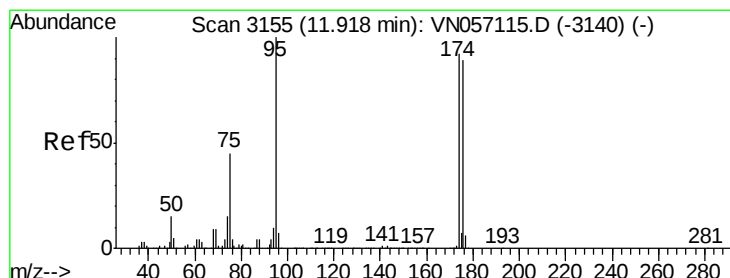
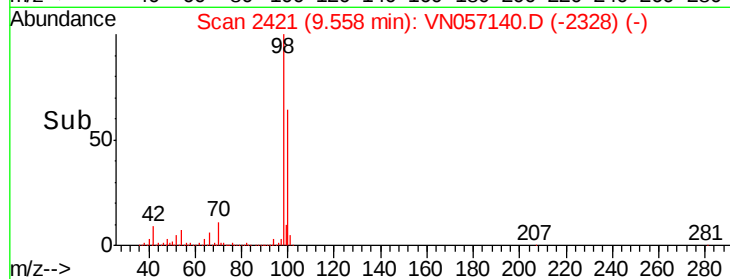
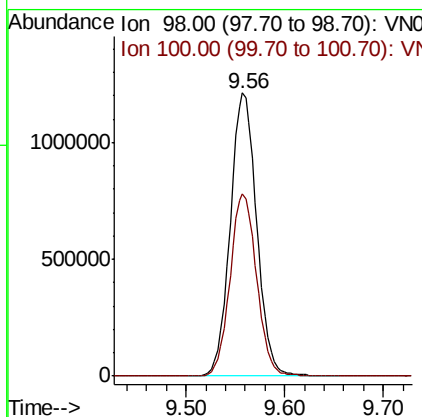
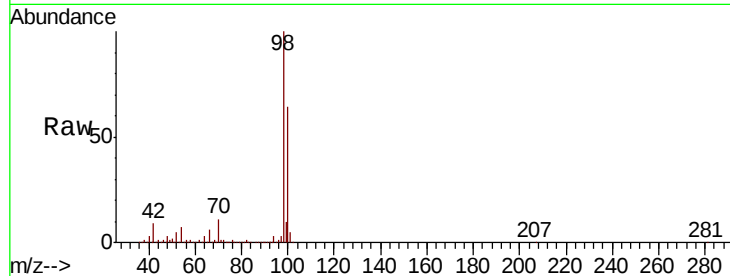




#50
Toluene-d8
Concen: 47.916 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057140.D
Acq: 9 Aug 2019 12:36

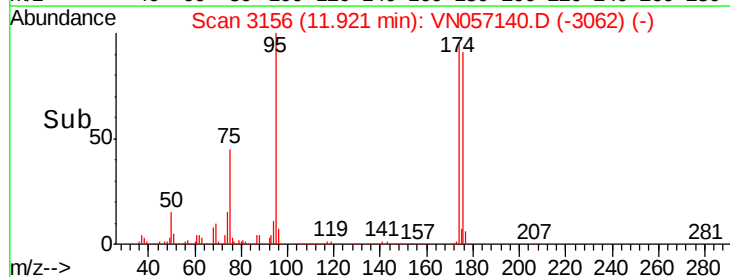
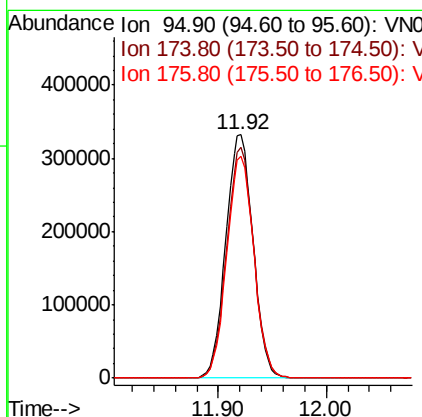
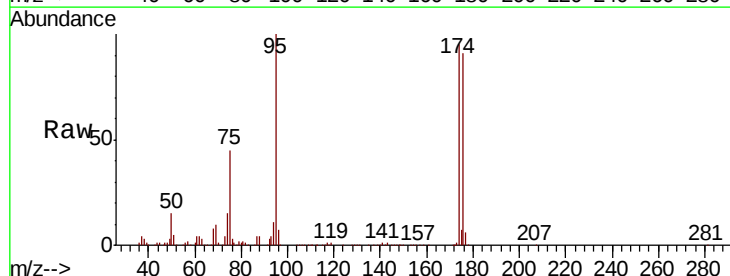
Instrument :
MSVOA_N
ClientSampled :
TP-17

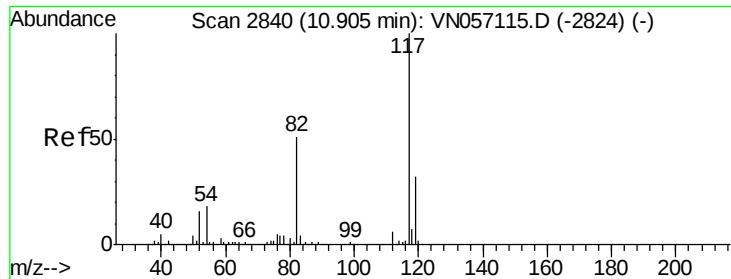
Tot Ion: 98 Resp: 2265540
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.385 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057140.D
Acq: 9 Aug 2019 12:36

Tgt Ion: 95 Resp: 584765
Ion Ratio Lower Upper
95 100
174 94.2 0.0 185.0
176 90.8 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057140.D

Acq: 9 Aug 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

TP-17

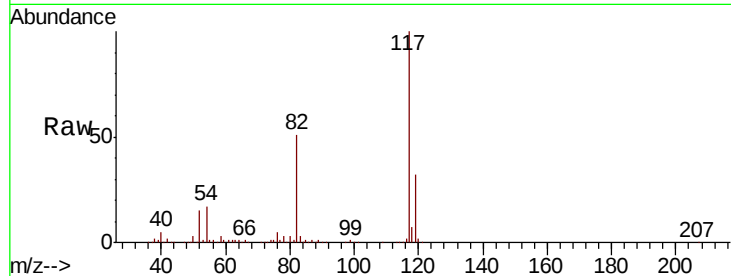
Tot Ion:117 Resp: 1615783

Ion Ratio Lower Upper

117 100

82 51.2 40.8 61.2

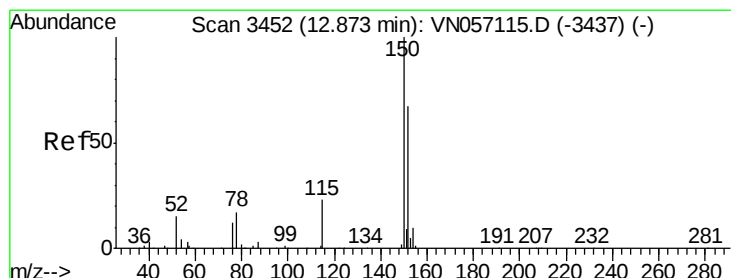
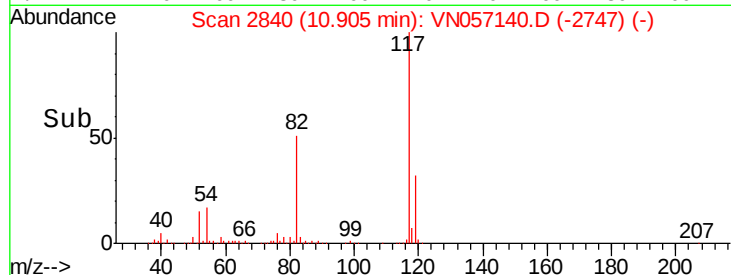
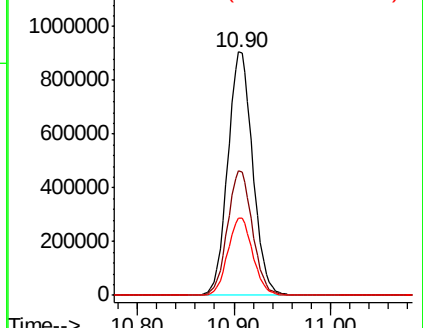
119 31.9 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057140.D

Acq: 9 Aug 2019 12:36

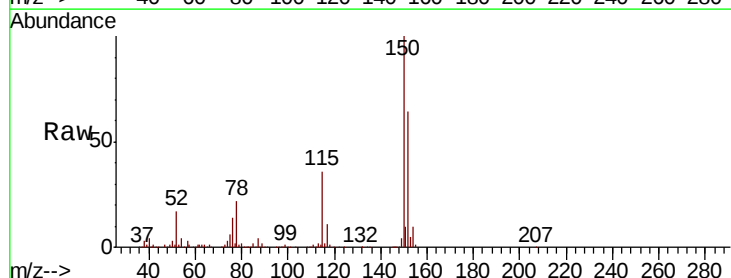
Tgt Ion:152 Resp: 382613

Ion Ratio Lower Upper

152 100

115 56.5 27.5 82.5

150 157.7 0.0 341.6



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

