

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054366.D
 Acq On : 17 Mar 2019 5:33
 Operator : JC/SP
 Sample : K1958-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Mar 18 08:28:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

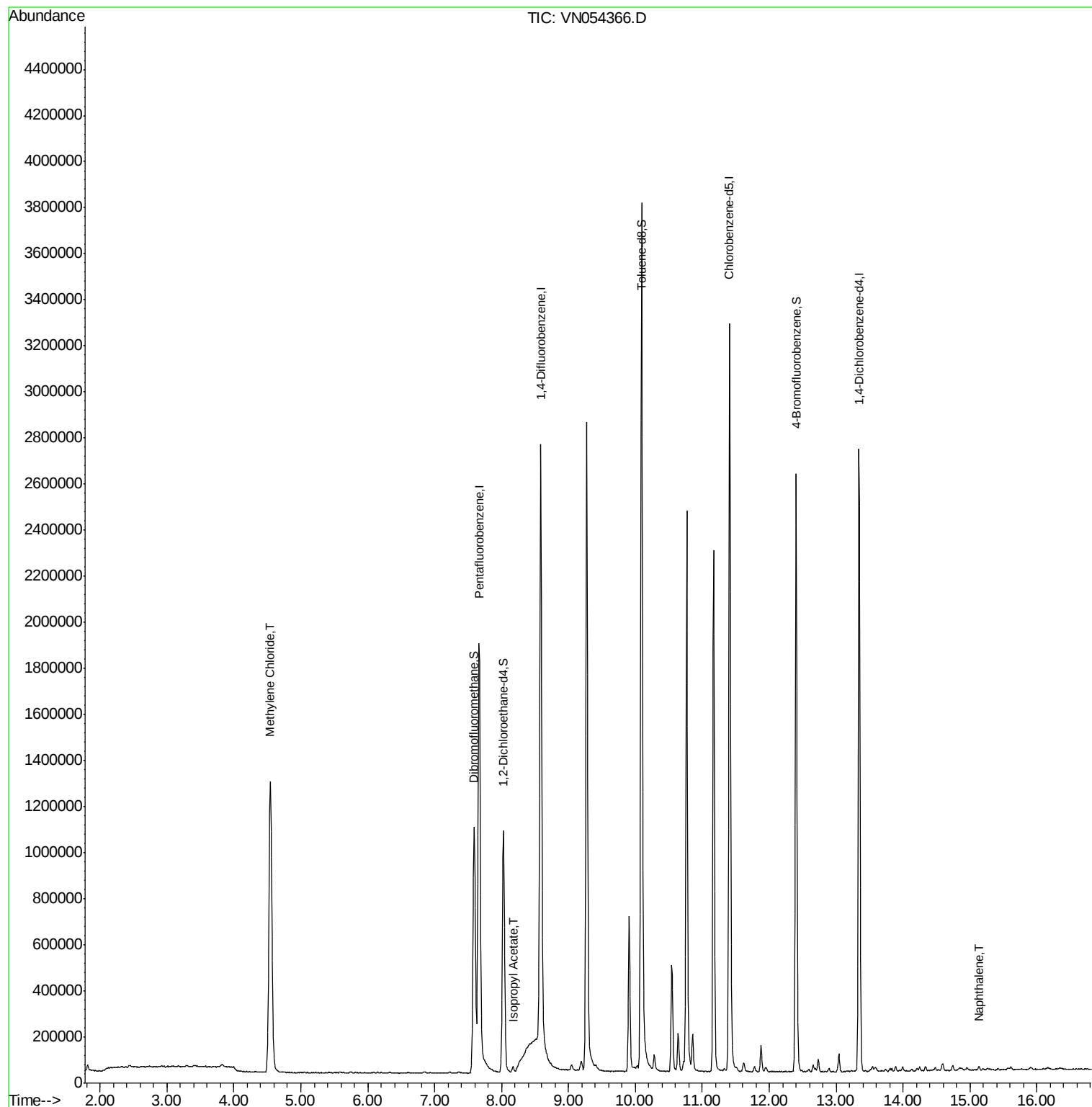
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1855005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2651458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2194167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	812014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	916544	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	7.59	113	811407	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.09	98	3031492	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.40	95	894151	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.92%	
Target Compounds						
20) Methylene Chloride	4.54	84	1019978	55.071	ug/l	98
43) Isopropyl Acetate	8.17	43	27556	1.119	ug/l	99
95) Naphthalene	15.13	128	12469	3.796	ug/l	97

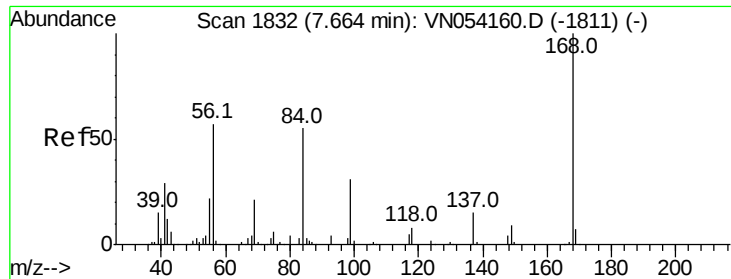
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054366.D
Acq On : 17 Mar 2019 5:33
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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: VN054366.D

Acq: 17 Mar 2019 5:33

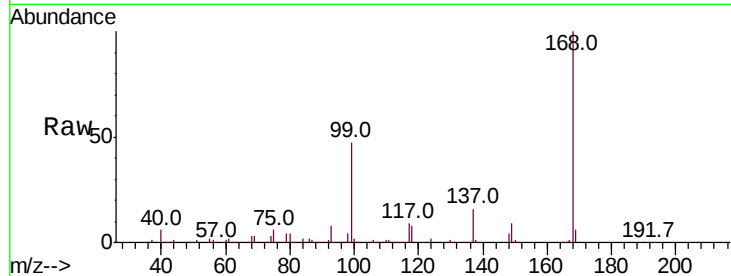
Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:168 Resp: 1855005

Ion Ratio Lower Upper

168 100

99 47.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

800000

600000

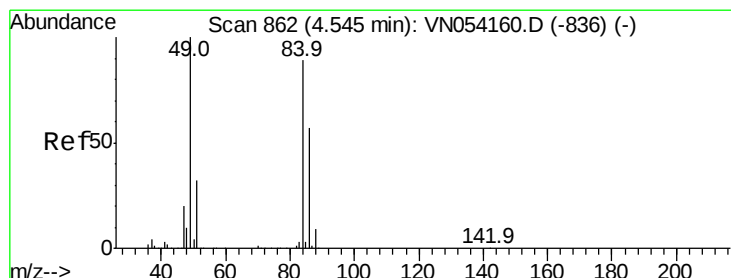
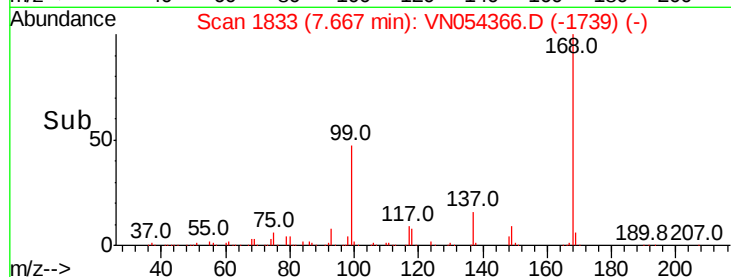
400000

200000

0

Time-->

7.60 7.80 8.00



#20

Methylene Chloride

Concen: 55.071 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

Tgt Ion: 84 Resp: 1019978

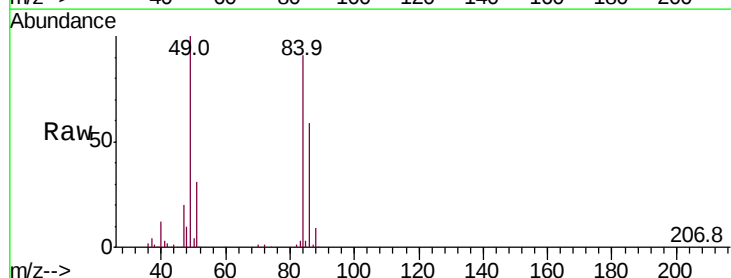
Ion Ratio Lower Upper

84 100

49 109.6 89.7 134.5

51 33.5 28.2 42.4

86 64.4 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

500000

400000

300000

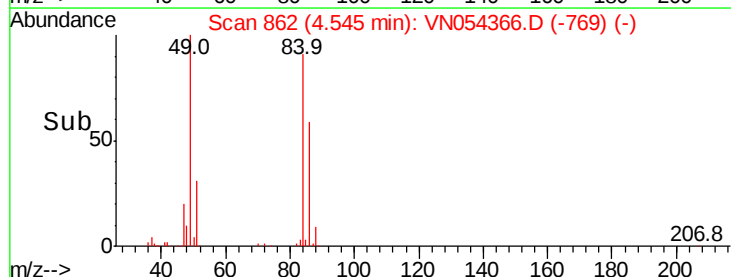
200000

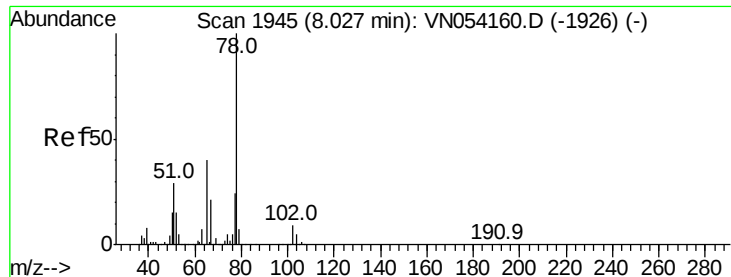
100000

0

Time-->

4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.525 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

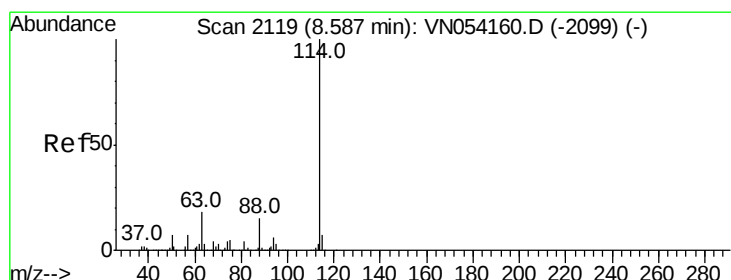
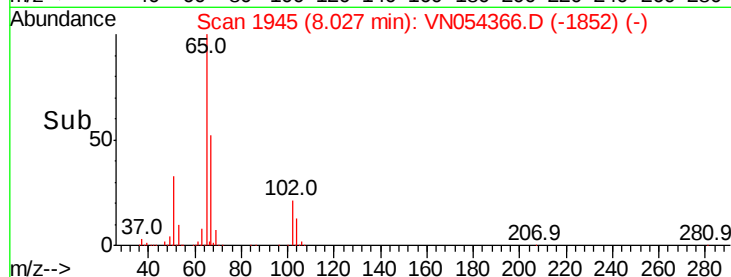
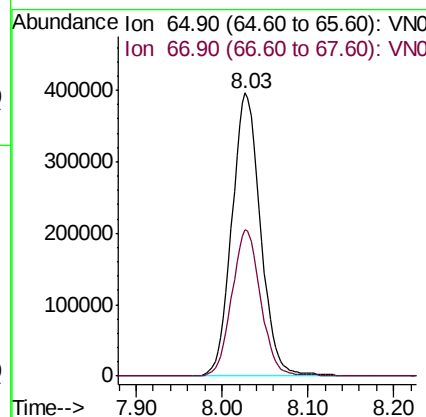
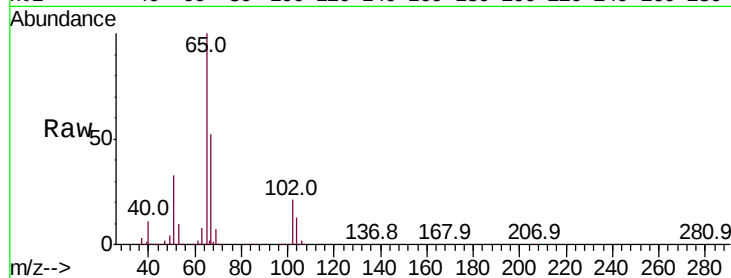
Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion: 65 Resp: 916544

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

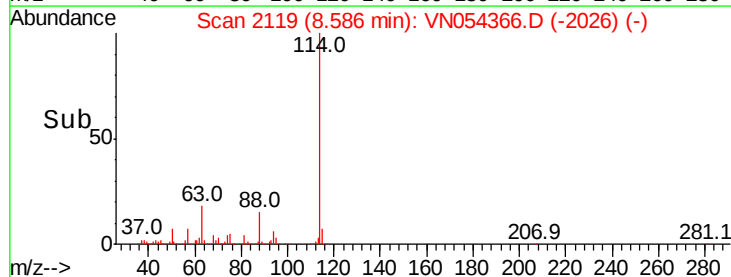
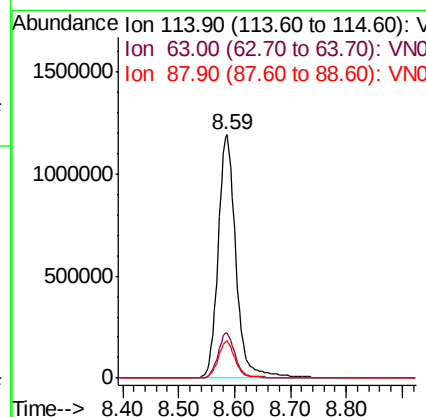
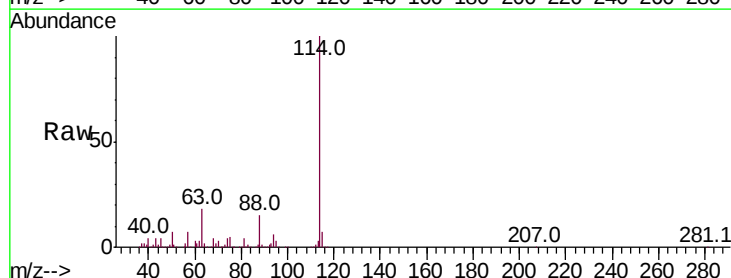
Delta R.T. -0.00 min

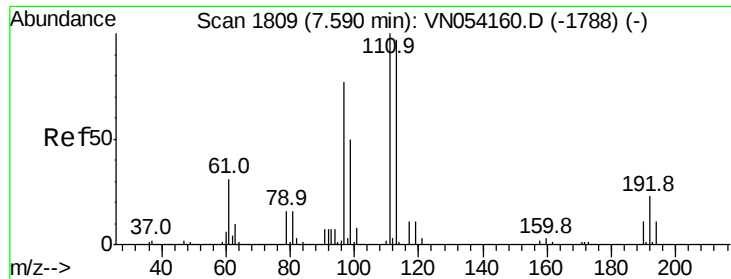
Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

Tgt Ion: 114 Resp: 2651458

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.2
88	15.2	0.0	30.2

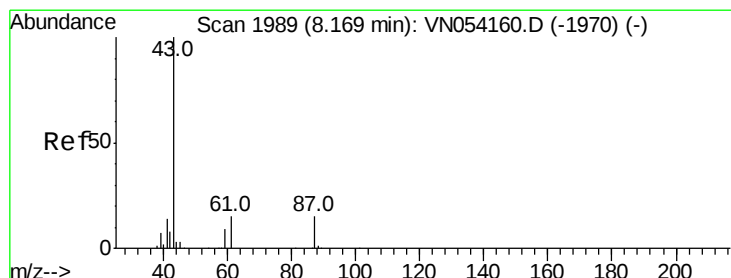
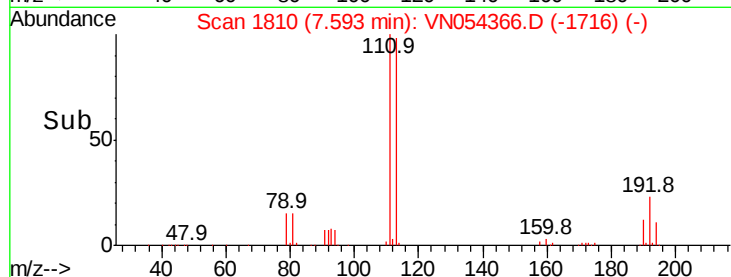
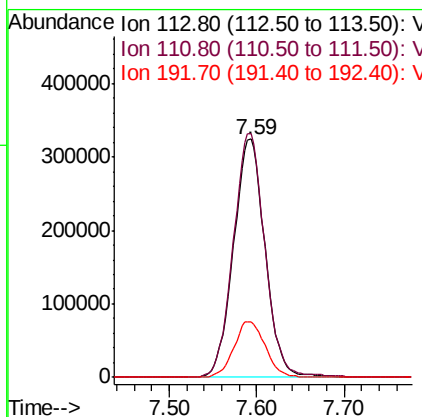
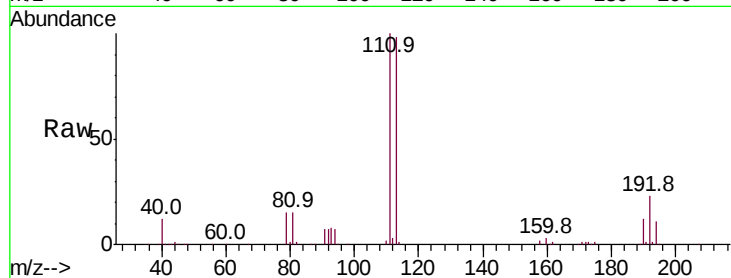




#35
 Dibromofluoromethane
 Concen: 47.448 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054366.D
 Acq: 17 Mar 2019 5:33

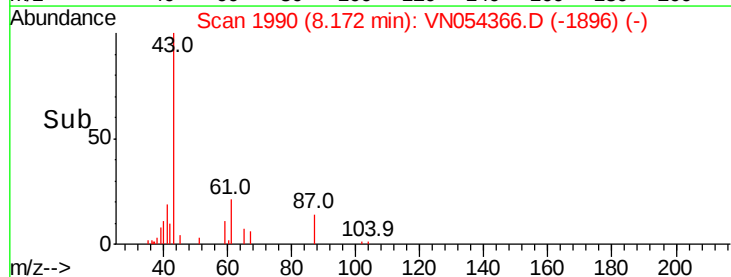
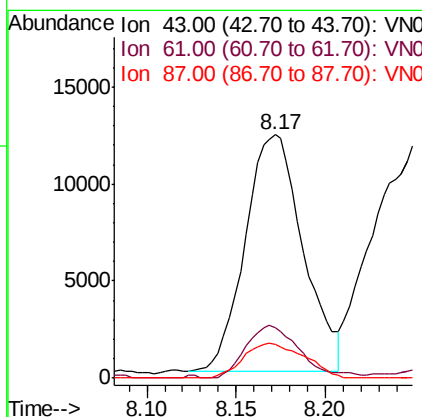
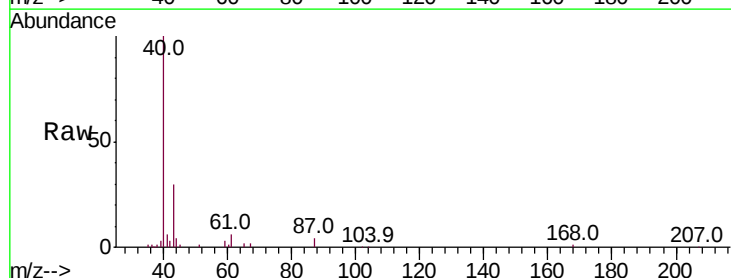
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

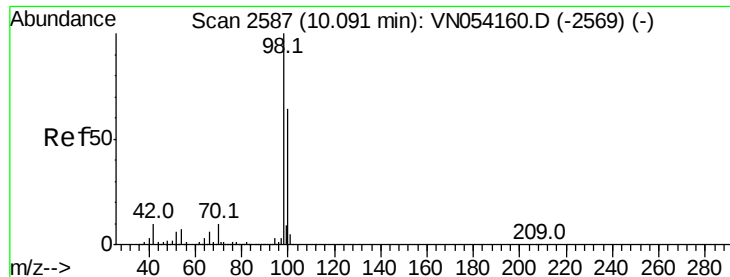
Tot Ion:113 Resp: 811407
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 23.5 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.119 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054366.D
 Acq: 17 Mar 2019 5:33

Tgt Ion: 43 Resp: 27556
 Ion Ratio Lower Upper
 43 100
 61 20.2 15.8 23.8
 87 15.5 12.0 18.0





#50

Toluene-d8

Concen: 48.000 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

Instrument :

MSVOA_N

ClientSampleId :

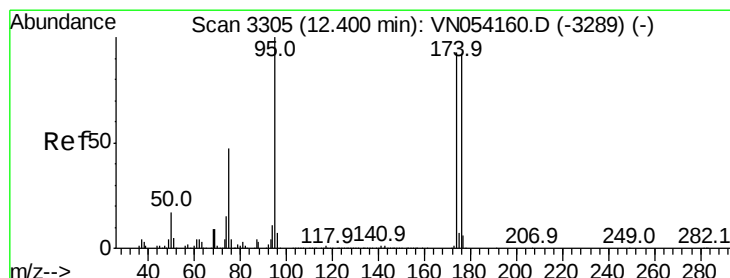
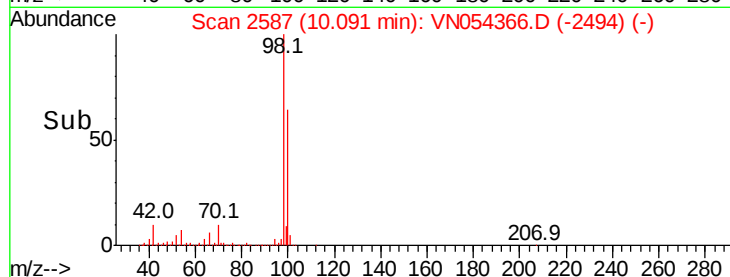
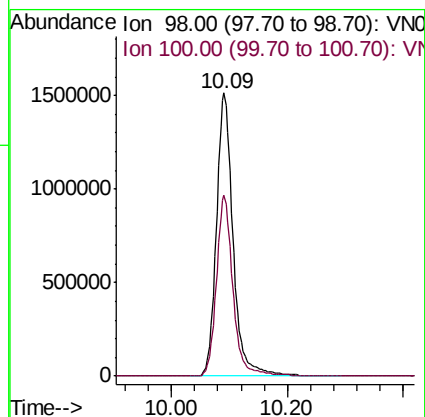
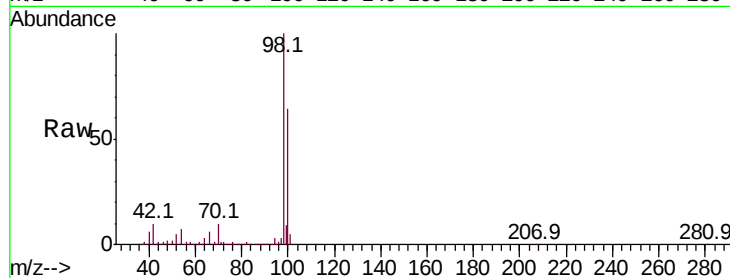
TP-2

Tot Ion: 98 Resp: 3031492

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 40.462 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

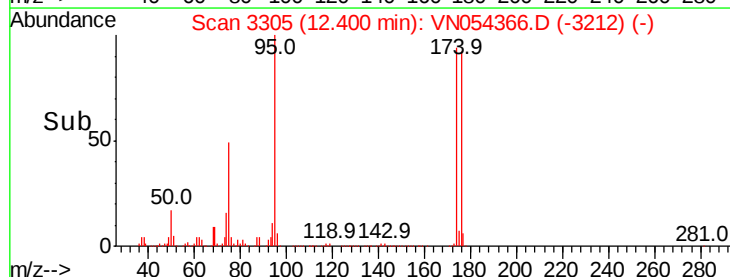
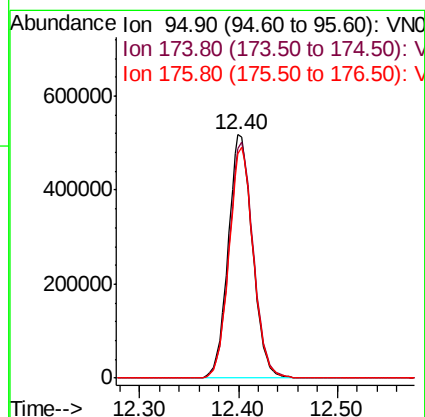
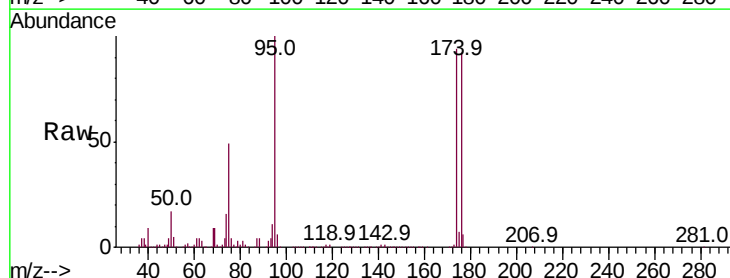
Tgt Ion: 95 Resp: 894151

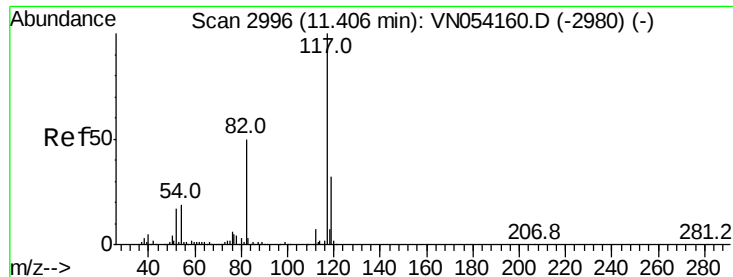
Ion Ratio Lower Upper

95 100

174 97.1 0.0 191.0

176 94.3 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

Instrument :

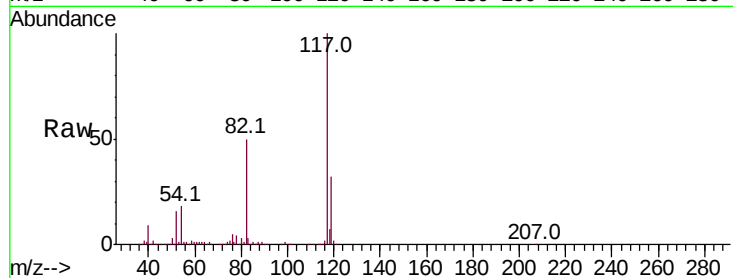
MSVOA_N

ClientSampled :

TP-2

Tot Ion:117 Resp: 2194167

Ion	Ratio	Lower	Upper
117	100		
82	50.4	40.0	60.0
119	32.3	25.8	38.6

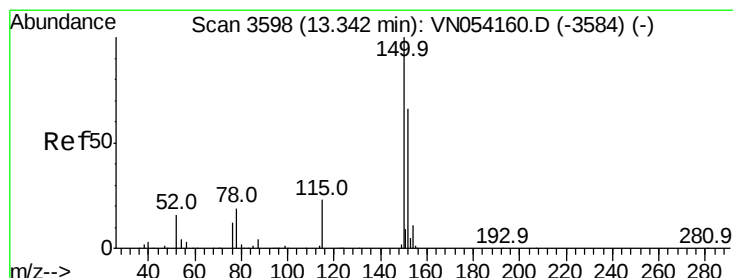
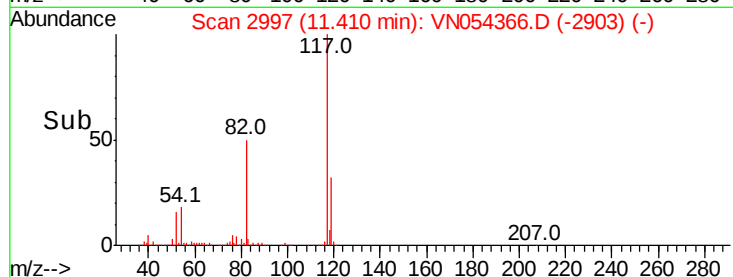
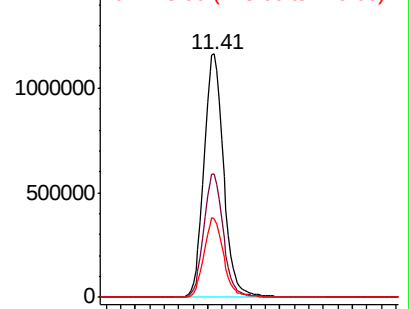


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

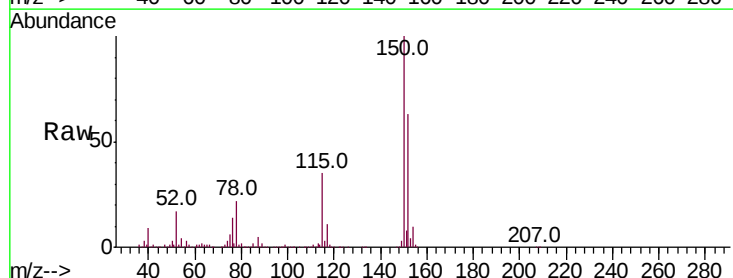
Delta R.T. -0.00 min

Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

Tgt Ion:152 Resp: 812014

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.2	81.6
150	157.2	0.0	349.2

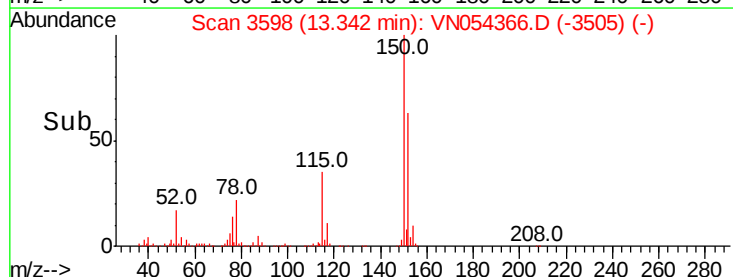
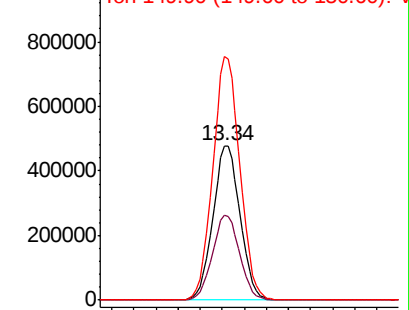


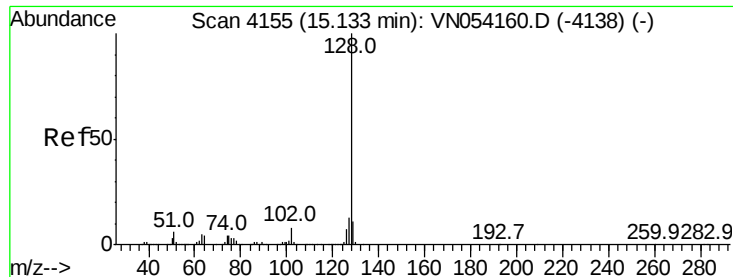
Abundance

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





#95

Naphthalene

Concen: 3.796 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054366.D

Acq: 17 Mar 2019 5:33

Instrument :

MSVOA_N

ClientSampleId :

TP-2

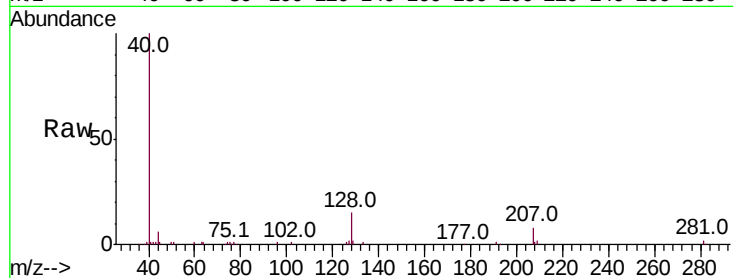
Tot Ion:128 Resp: 12469

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 12.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

