

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
 Data File : VN054322.D
 Acq On : 15 Mar 2019 21:00
 Operator : JC/SP
 Sample : K1903-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Quant Time: Mar 16 04:43:06 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

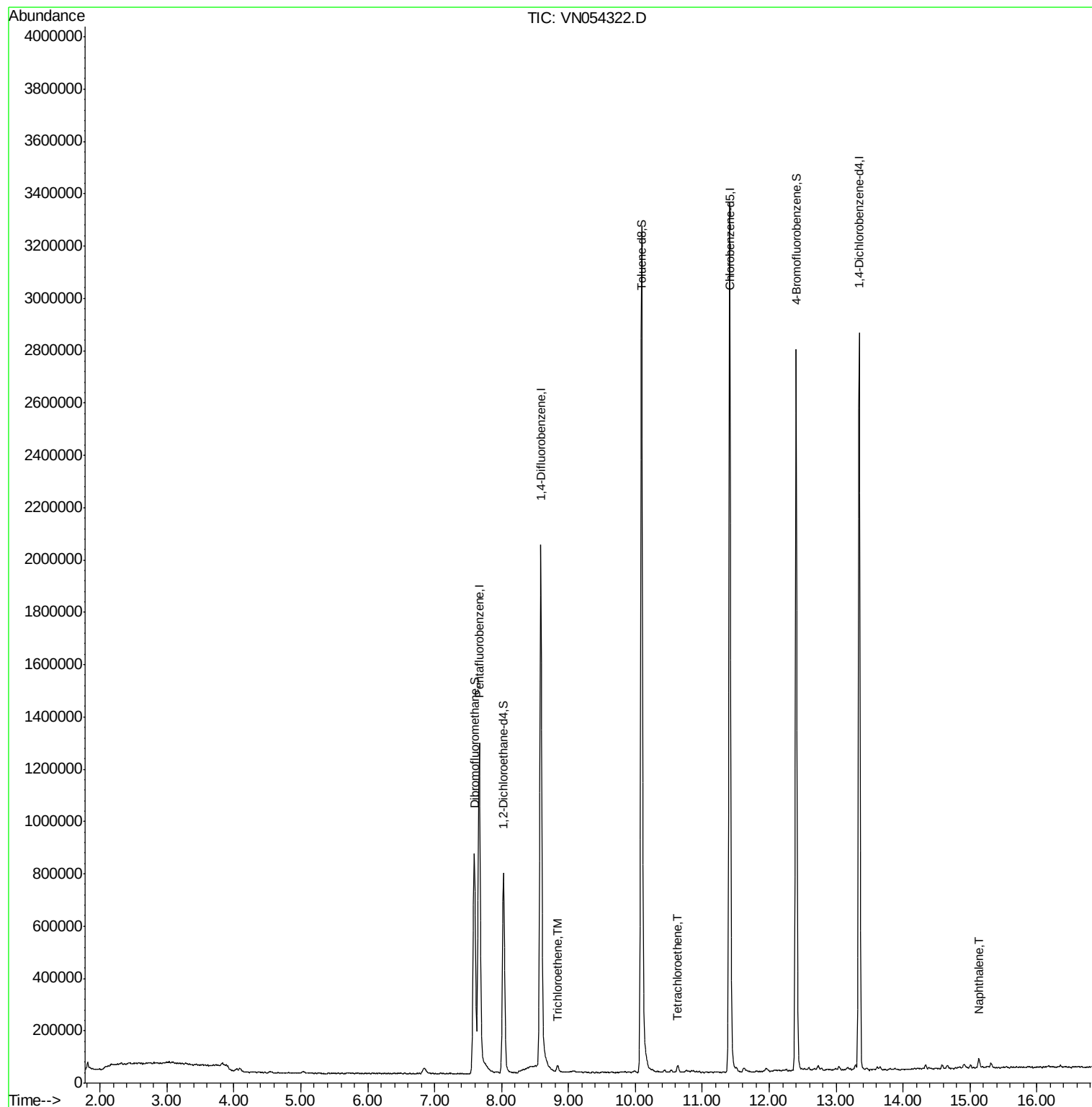
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1282375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2098850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2171334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	852914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	671740	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	7.59	113	653177	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	2595509	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	957145	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
Target Compounds						
44) Trichloroethene	8.84	130	9499	0.553	ug/l	95
64) Tetrachloroethene	10.63	164	6929	0.330	ug/l	95
95) Naphthalene	15.13	128	33521	4.304	ug/l	99

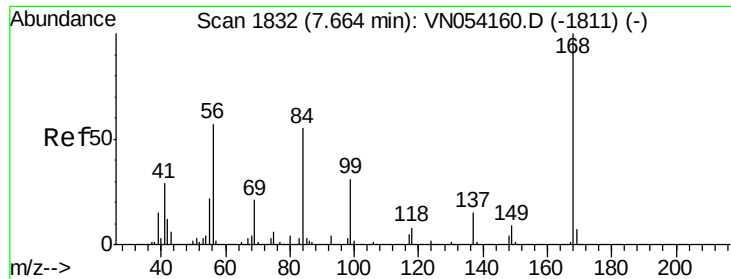
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
Data File : VN054322.D
Acq On : 15 Mar 2019 21:00
Operator : JC/SP
Sample : K1903-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-1

Quant Time: Mar 16 04:43:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampled :

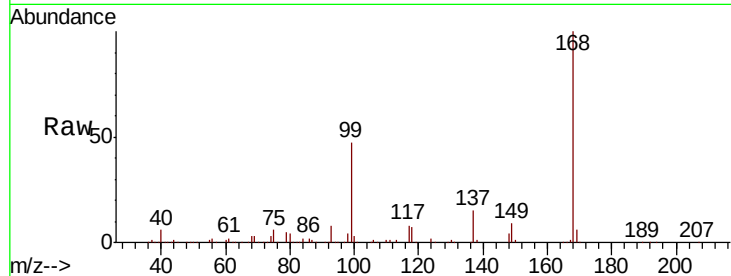
TW-1

Tgt Ion:168 Resp: 1282375

Ion Ratio Lower Upper

168 100

99 46.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

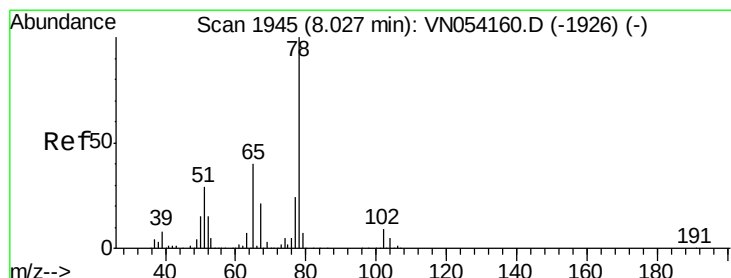
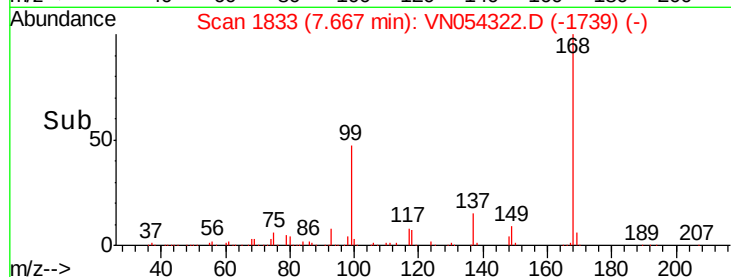
200000

100000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.324 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054322.D

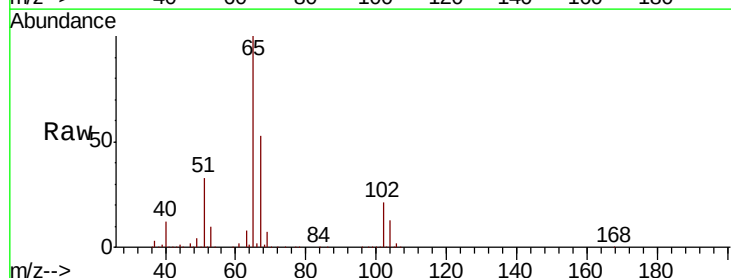
Acq: 15 Mar 2019 21:00

Tgt Ion: 65 Resp: 671740

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): VN

8.03

300000

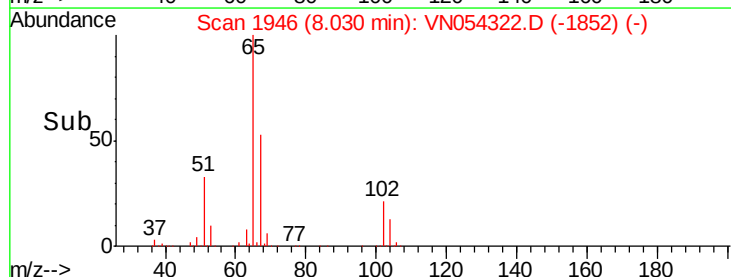
200000

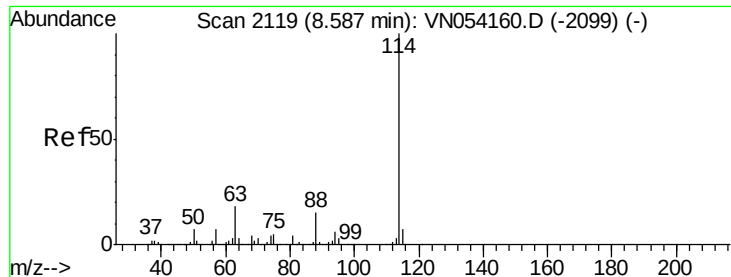
100000

0

7.90 8.00 8.10 8.20

Time-->

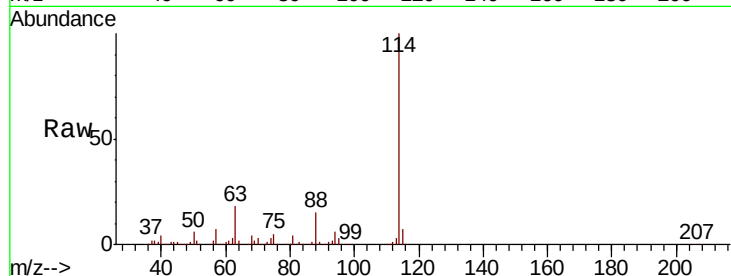




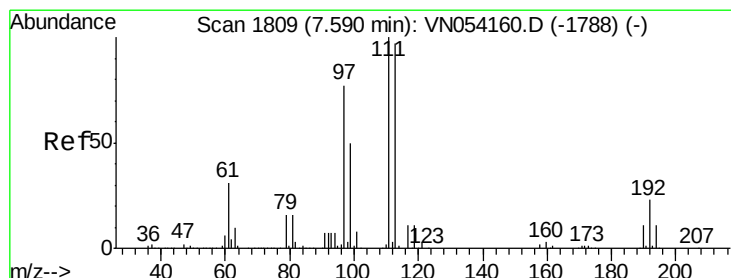
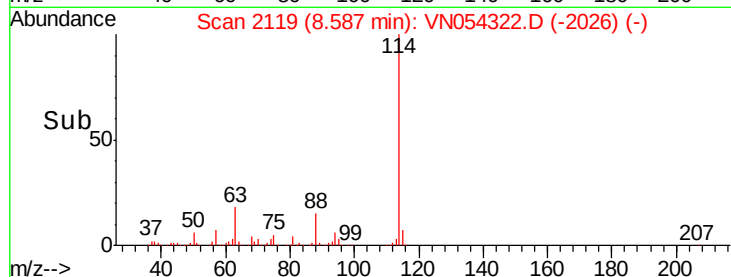
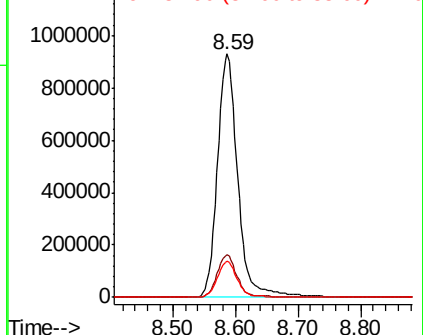
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-1

Tgt Ion:114 Resp: 2098850
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.7 0.0 30.2

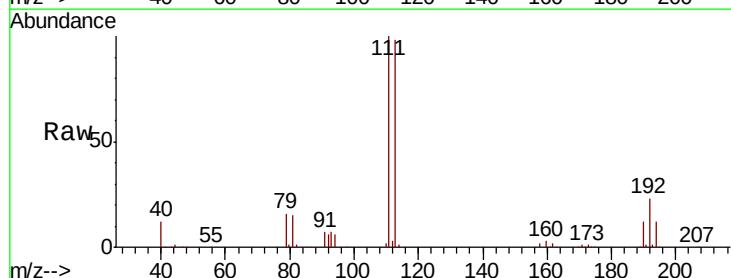


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

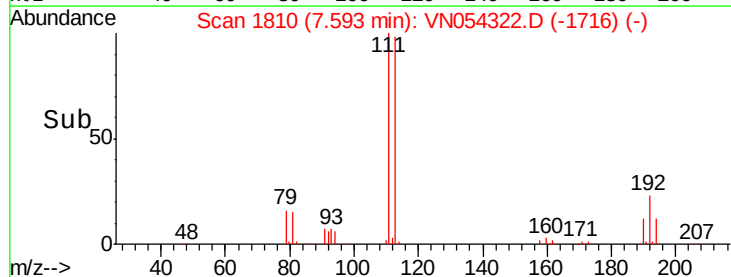
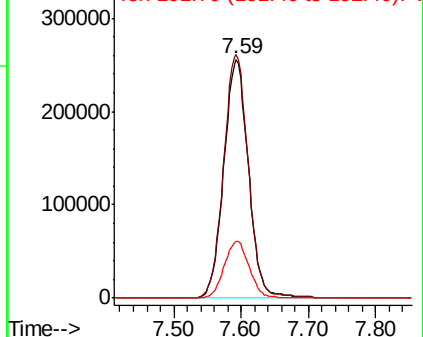


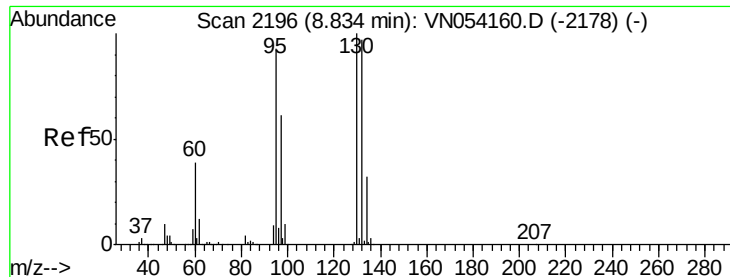
#35
 Dibromofluoromethane
 Concen: 48.252 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054322.D
 Acq: 15 Mar 2019 21:00

Tgt Ion:113 Resp: 653177
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 24.2 19.2 28.8



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





#44

Trichloroethene

Concen: 0.553 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

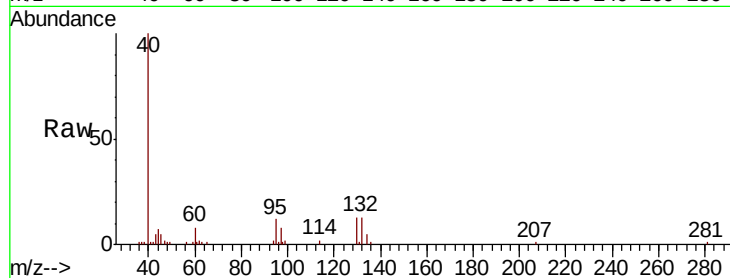
TW-1

Tgt Ion:130 Resp: 9499

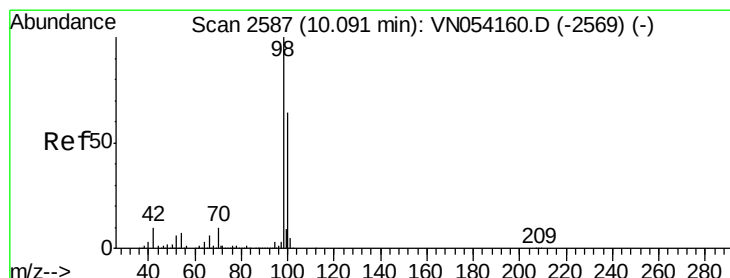
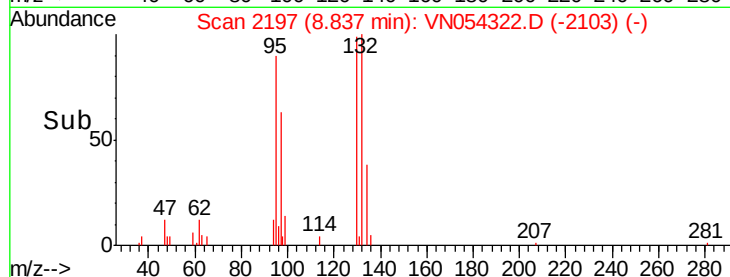
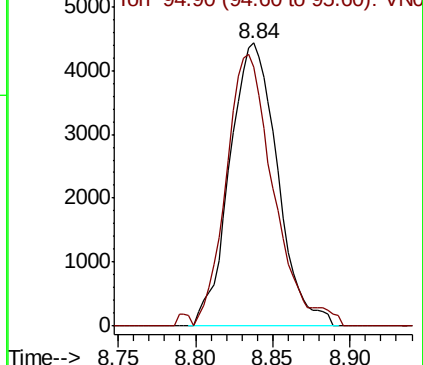
Ion Ratio Lower Upper

130 100

95 87.9 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054160.D (-2178) (-)



#50

Toluene-d8

Concen: 51.917 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054322.D

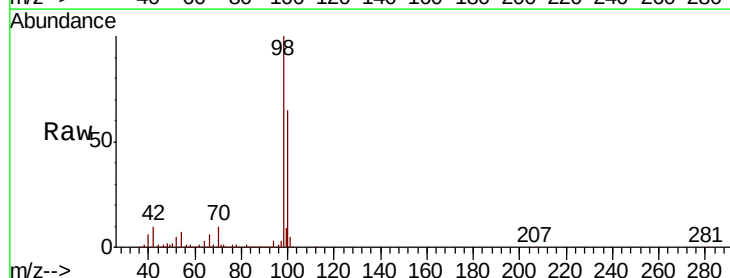
Acq: 15 Mar 2019 21:00

Tgt Ion: 98 Resp: 2595509

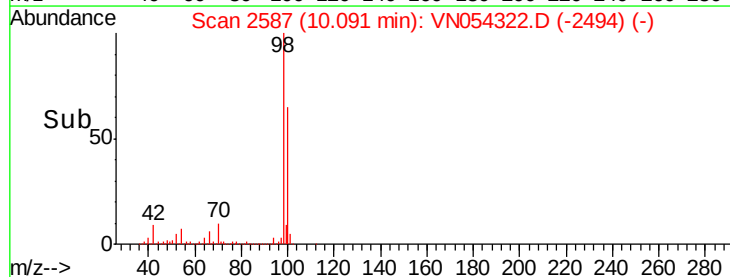
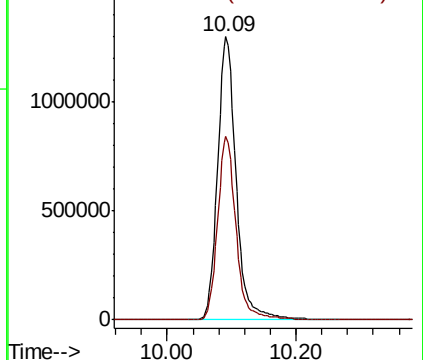
Ion Ratio Lower Upper

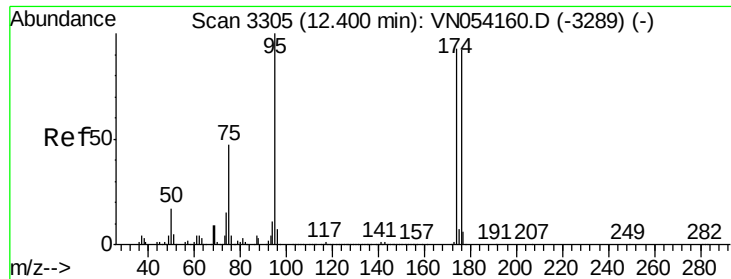
98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054160.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 54.717 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

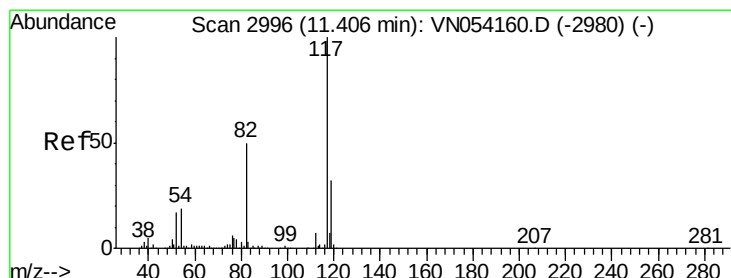
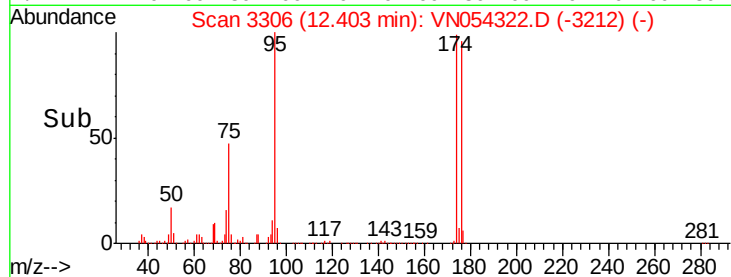
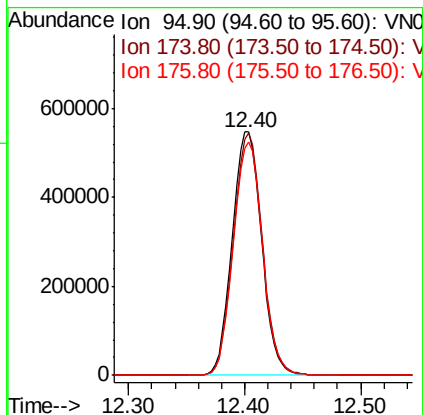
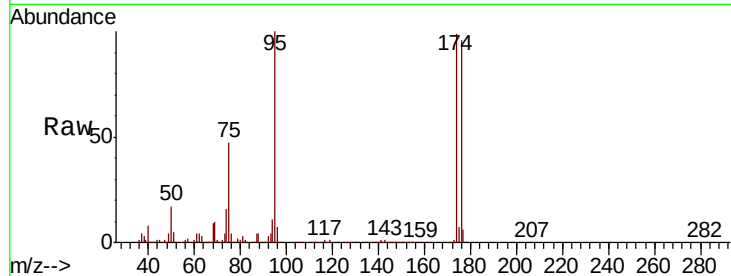
Instrument :

MSVOA_N

ClientSampled :

TW-1

Tgt Ion:	95	Resp:	957145
Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	191.0
176	95.2	0.0	187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

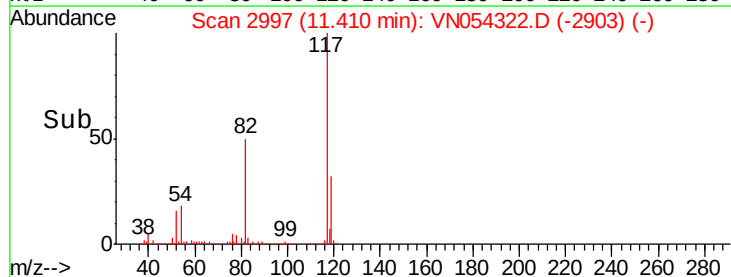
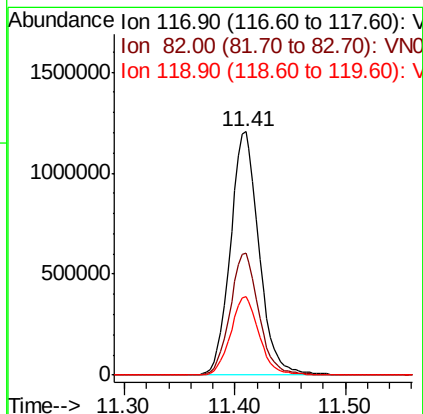
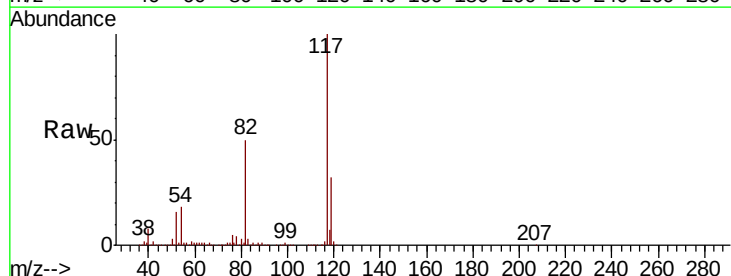
RT: 11.41 min Scan# 2997

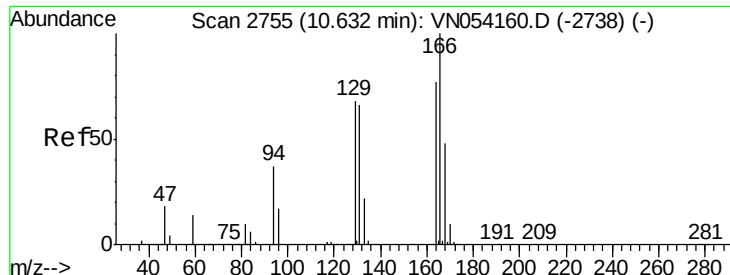
Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Tgt Ion:	117	Resp:	2171334
Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.0	60.0
119	32.1	25.8	38.6





#64

Tetrachloroethene

Concen: 0.330 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054322.D

Acq: 15 Mar 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

TW-1

Tgt Ion:164 Resp: 6929

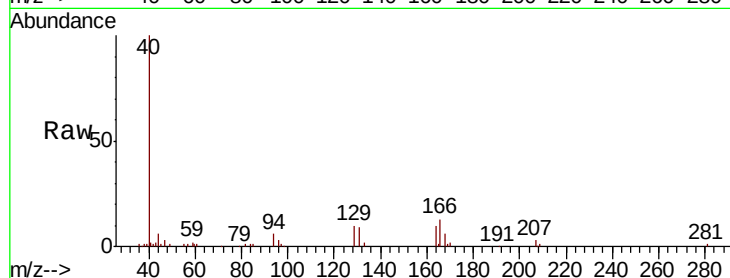
Ion Ratio Lower Upper

164 100

166 128.9 103.9 155.9

129 96.1 71.1 106.7

131 94.7 68.2 102.4

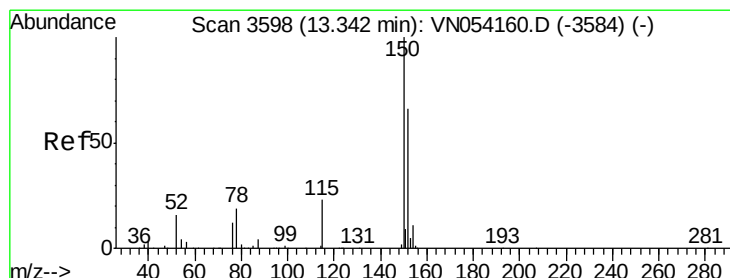
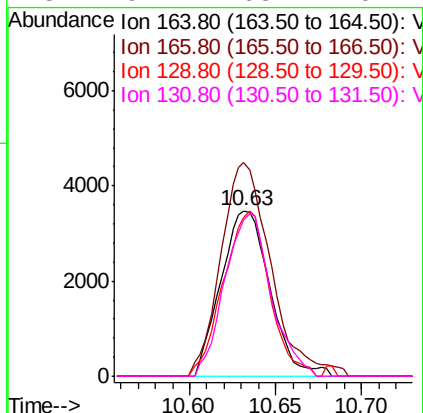
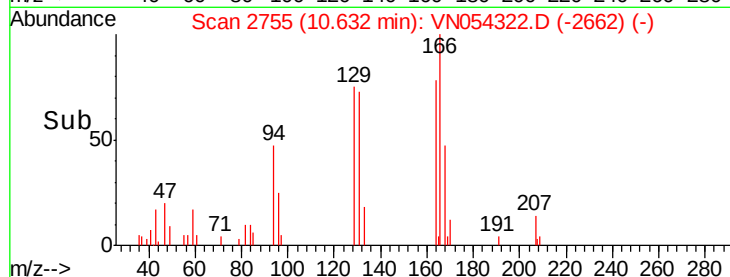


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN054322.D

Acq: 15 Mar 2019 21:00

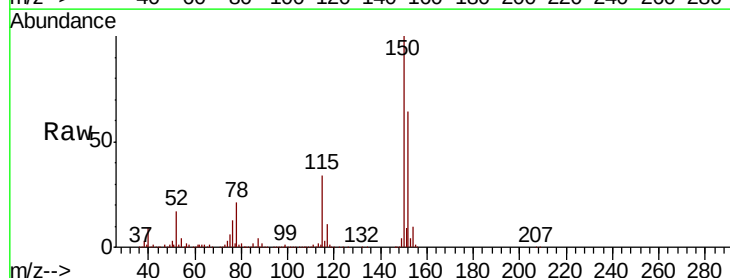
Tgt Ion:152 Resp: 852914

Ion Ratio Lower Upper

152 100

115 53.4 27.2 81.6

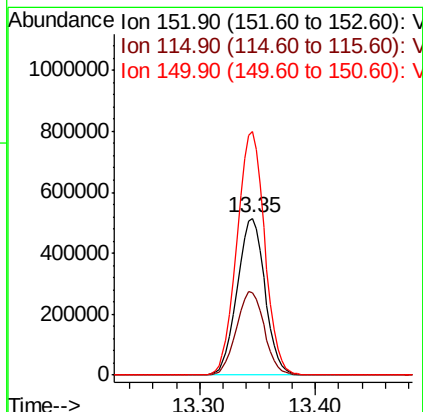
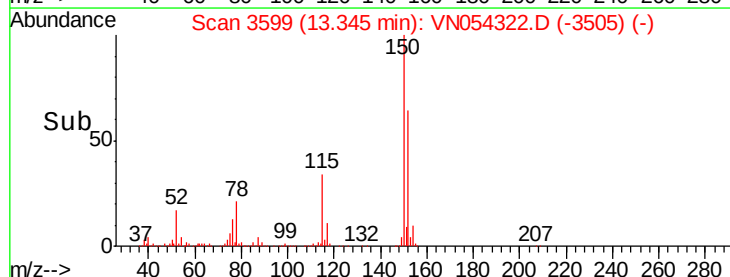
150 154.7 0.0 349.2

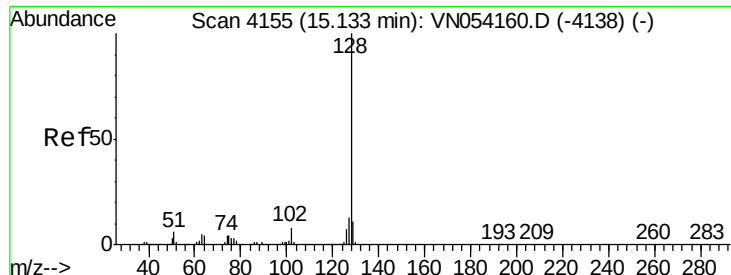


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

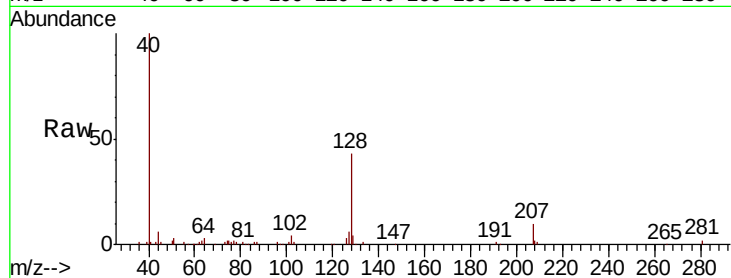




#95
Naphthalene
Concen: 4.304 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054322.D
Acq: 15 Mar 2019 21:00

Instrument :
MSVOA_N
ClientSampled :
TW-1

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	11.0	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

