

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058655.D
 Acq On : 9 Oct 2019 21:00
 Operator : JC/SP
 Sample : K5197-11DL 500X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01_100319DL

Quant Time: Oct 10 05:25:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

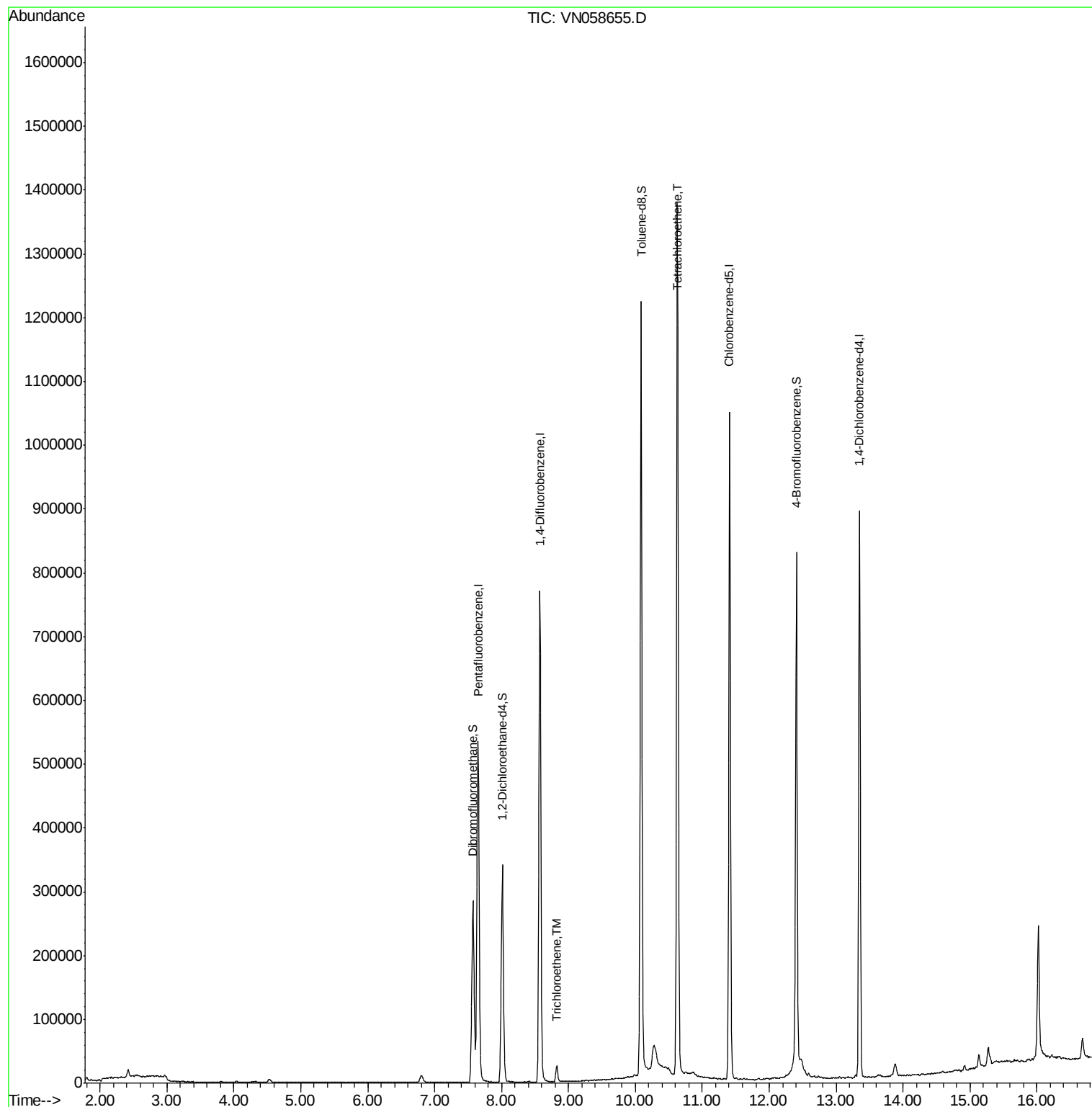
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	431615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	681793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	295252	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	7.57	113	216188	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.08	98	838479	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.41	95	269778	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
44) Trichloroethene	8.83	130	9208	1.990	ug/l	90
64) Tetrachloroethene	10.63	164	311733	83.356	ug/l	99

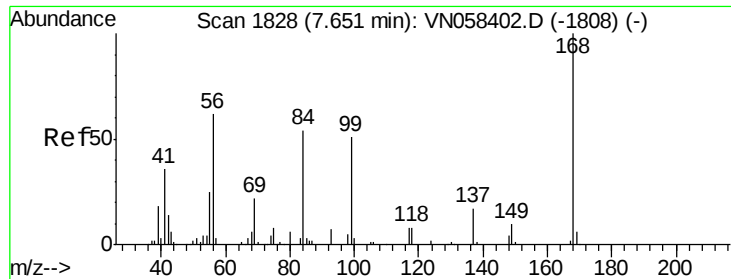
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101019\
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QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058655.D

Acq: 9 Oct 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

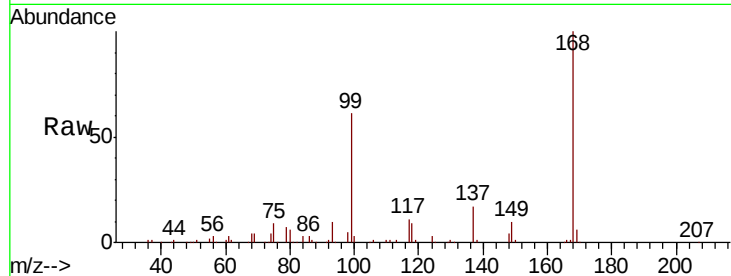
DUP-01_100319DL

Tot Ion:168 Resp: 431615

Ion Ratio Lower Upper

168 100

99 61.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

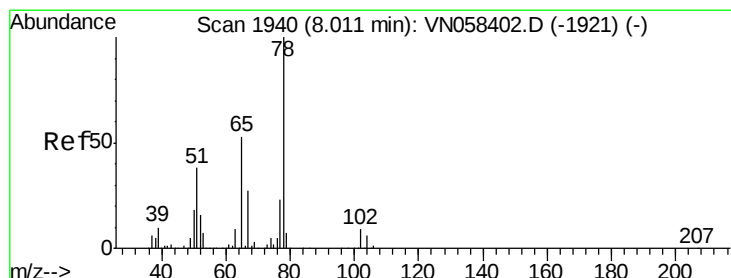
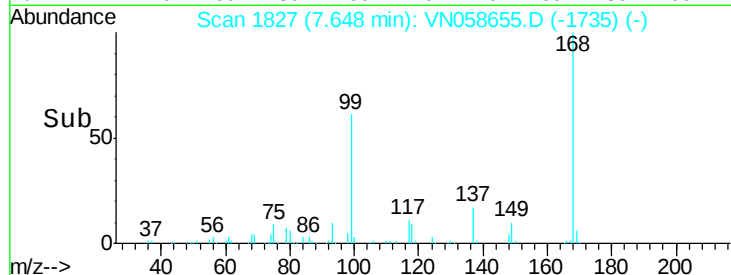
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.811 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058655.D

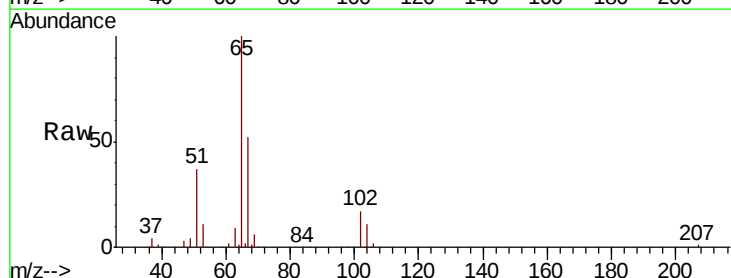
Acq: 9 Oct 2019 21:00

Tgt Ion: 65 Resp: 295252

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

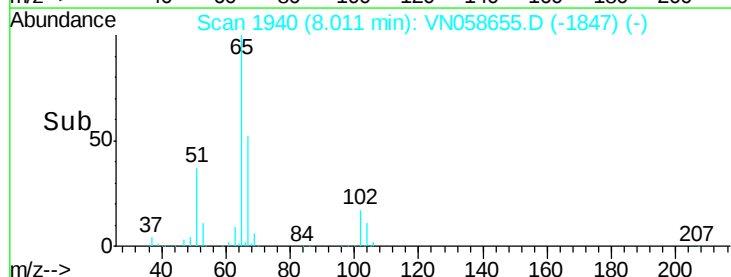
150000

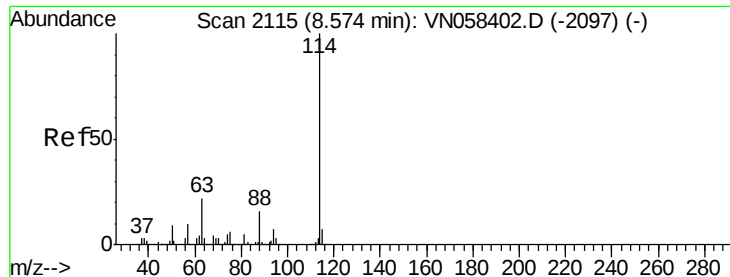
100000

50000

0

Time-->

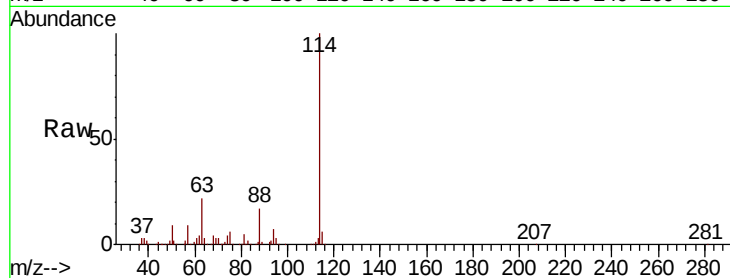




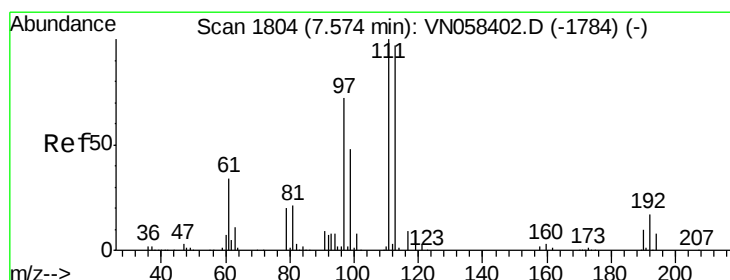
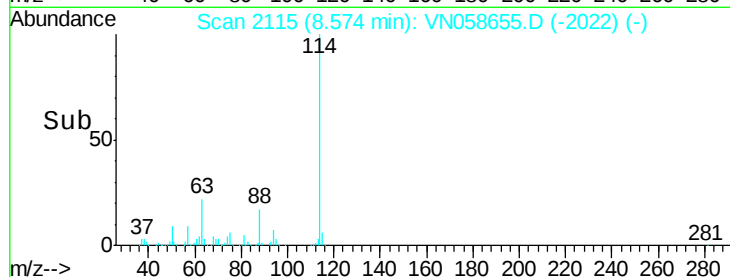
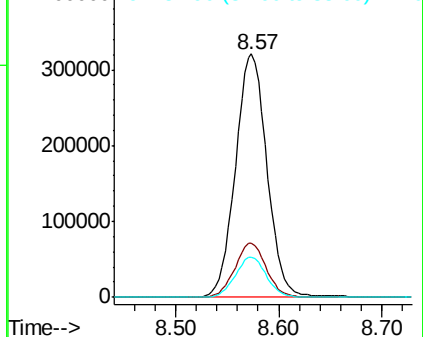
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058655.D
 Acq: 9 Oct 2019 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01_100319DL

Tot Ion:114 Resp: 681793
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 16.6 0.0 32.2

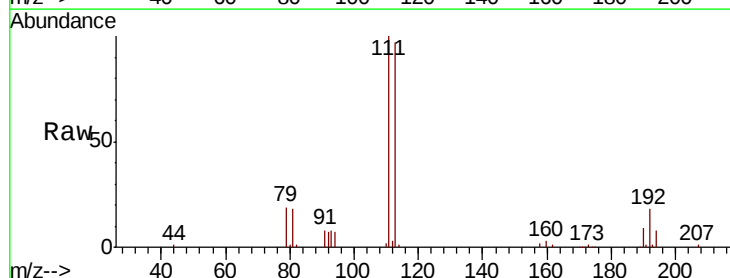


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

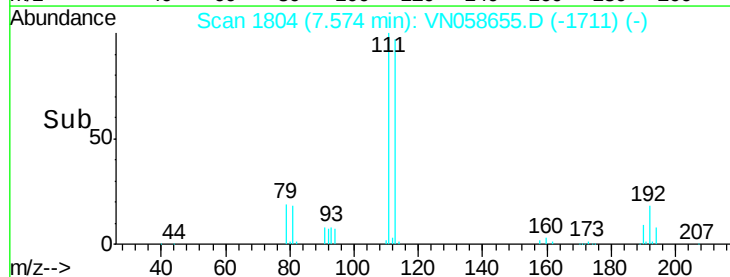
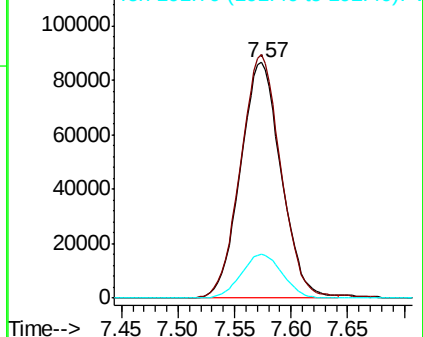


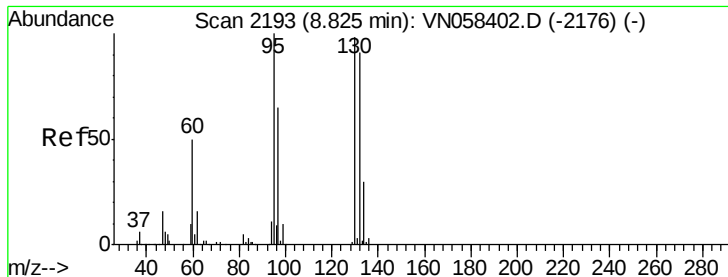
#35
 Dibromofluoromethane
 Concen: 51.736 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058655.D
 Acq: 9 Oct 2019 21:00

Tgt Ion:113 Resp: 216188
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 18.7 14.9 22.3



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: 1.990 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN058655.D

Acq: 9 Oct 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

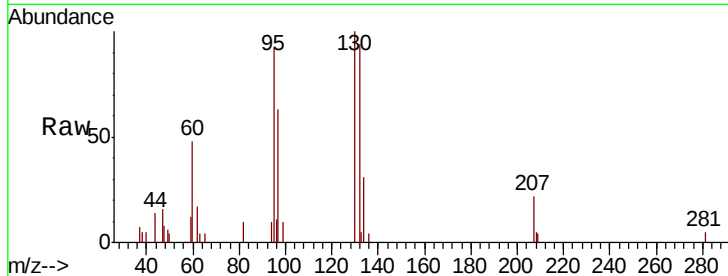
DUP-01_100319DL

Tot Ion:130 Resp: 9208

Ion Ratio Lower Upper

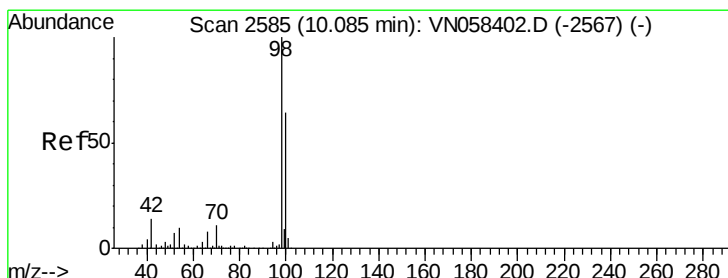
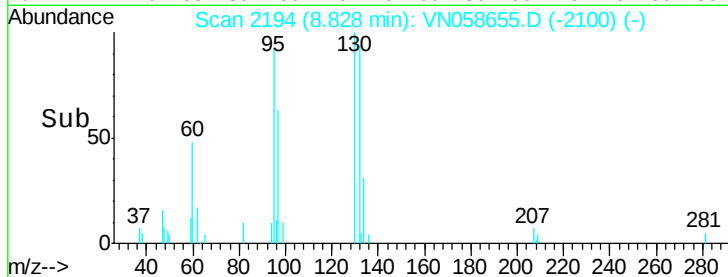
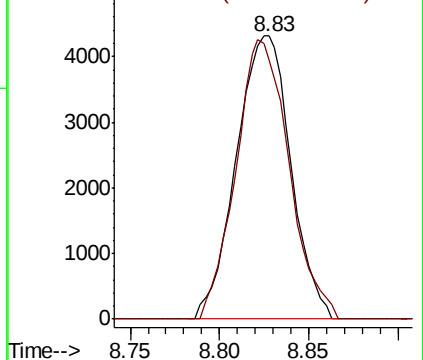
130 100

95 91.7 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 51.222 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058655.D

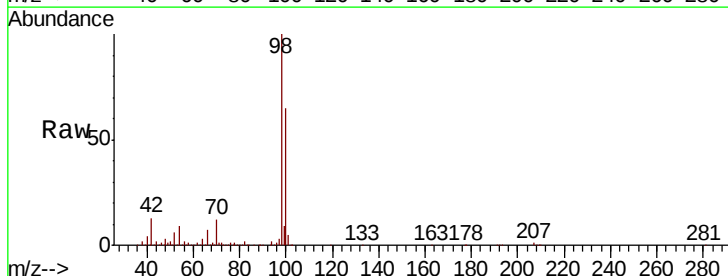
Acq: 9 Oct 2019 21:00

Tgt Ion: 98 Resp: 838479

Ion Ratio Lower Upper

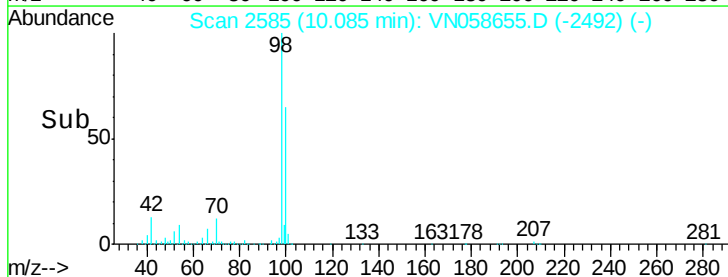
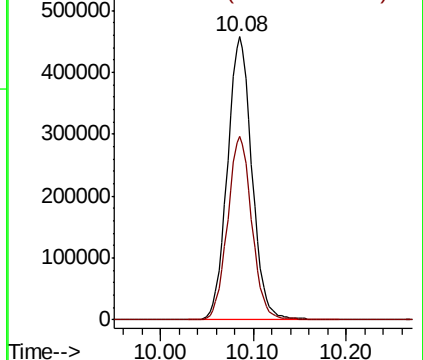
98 100

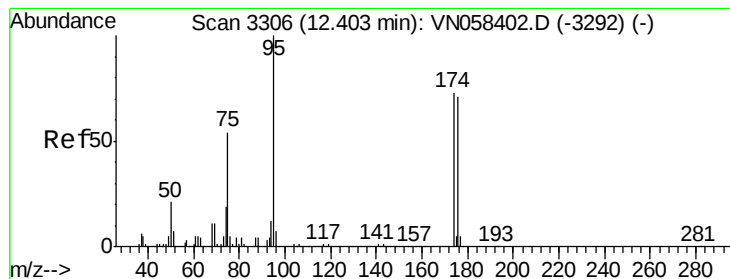
100 64.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.579 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058655.D

Acq: 9 Oct 2019 21:00

Instrument :

MSVOA_N

ClientSampleId :

DUP-01_100319DL

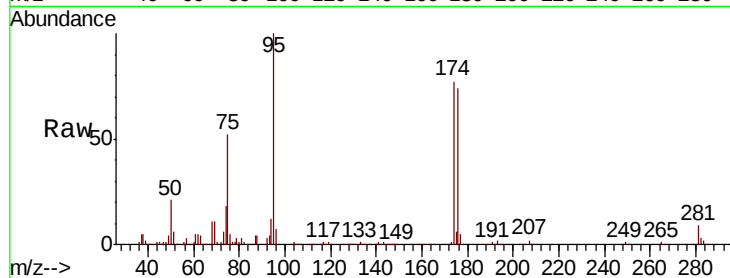
Tot Ion: 95 Resp: 269778

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

176 74.2 0.0 146.2

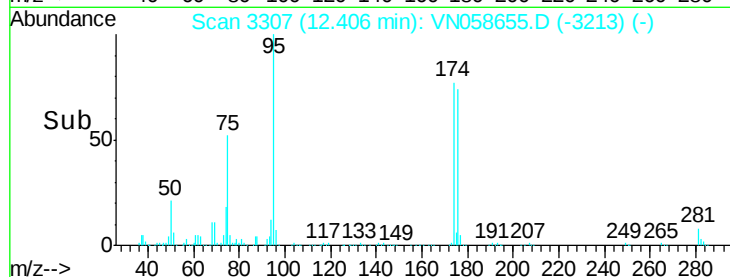


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

Time-->

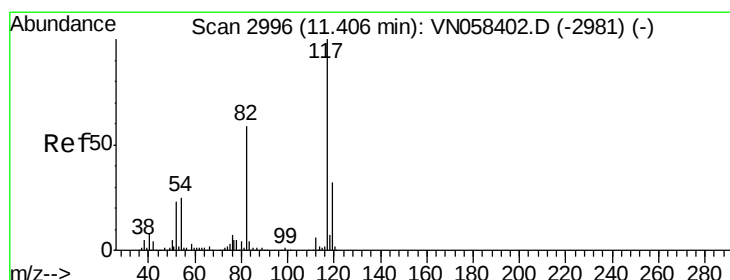


Abundance Ion 94.90 (94.60 to 95.60): VN058655.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058655.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058655.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058655.D

Acq: 9 Oct 2019 21:00

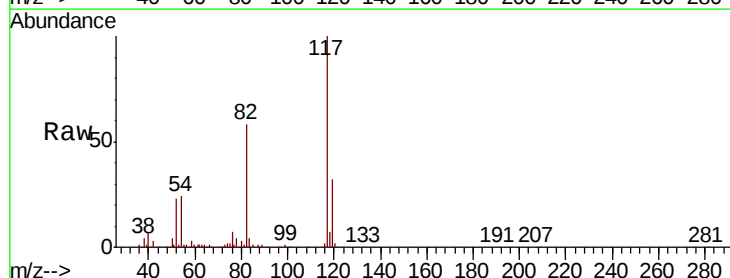
Tgt Ion: 117 Resp: 588633

Ion Ratio Lower Upper

117 100

82 58.3 47.4 71.0

119 31.6 25.5 38.3

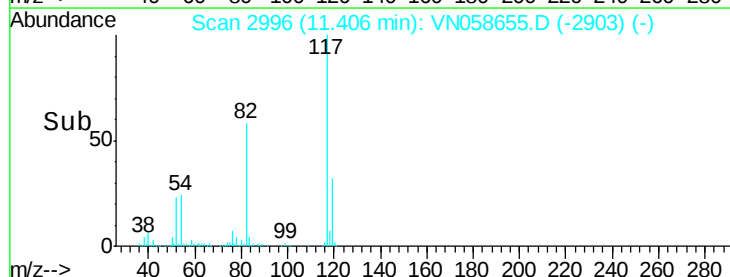


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

Time-->

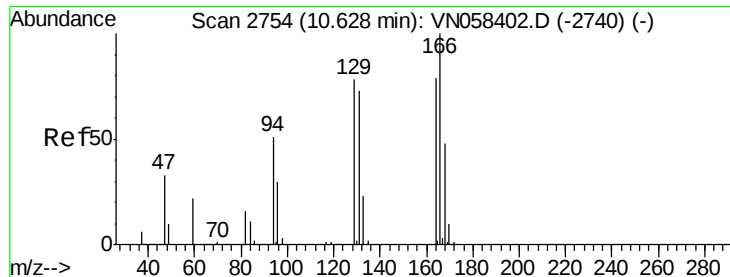


Abundance Ion 116.90 (116.60 to 117.60): VN058655.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058655.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058655.D (-2903) (-)

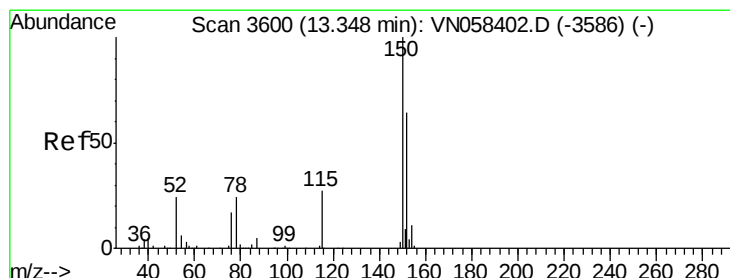
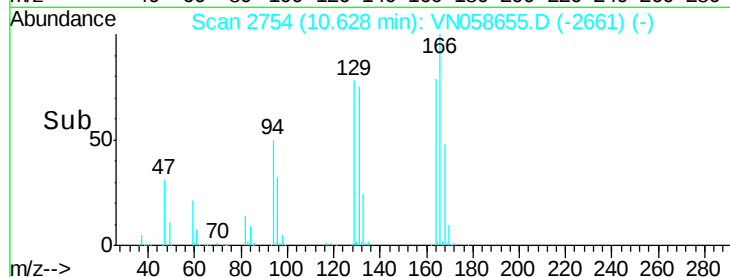
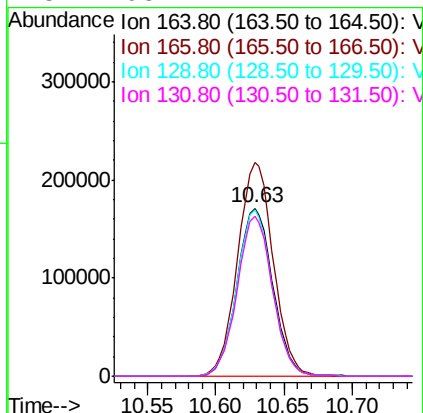
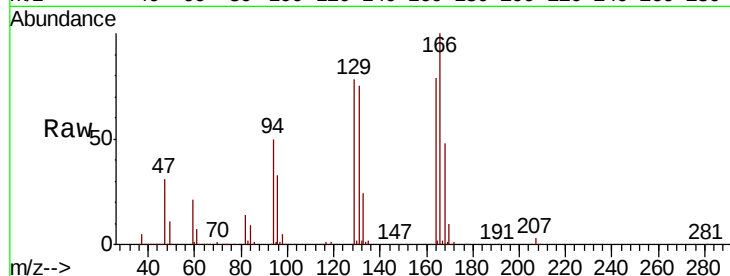
Time-->



#64
Tetrachloroethene
Concen: 83.356 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Instrument :
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DUP-01_100319DL

Tot Ion:164 Resp: 311733
Ion Ratio Lower Upper
164 100
166 127.1 101.1 151.7
129 99.3 79.2 118.8
131 95.1 74.1 111.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058655.D
Acq: 9 Oct 2019 21:00

Tgt Ion:152 Resp: 227310
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 159.3 0.0 348.2

