

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058555.D
 Acq On : 4 Oct 2019 20:34
 Operator : JC/SP
 Sample : K5197-10 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_100319

Quant Time: Oct 05 05:05:48 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

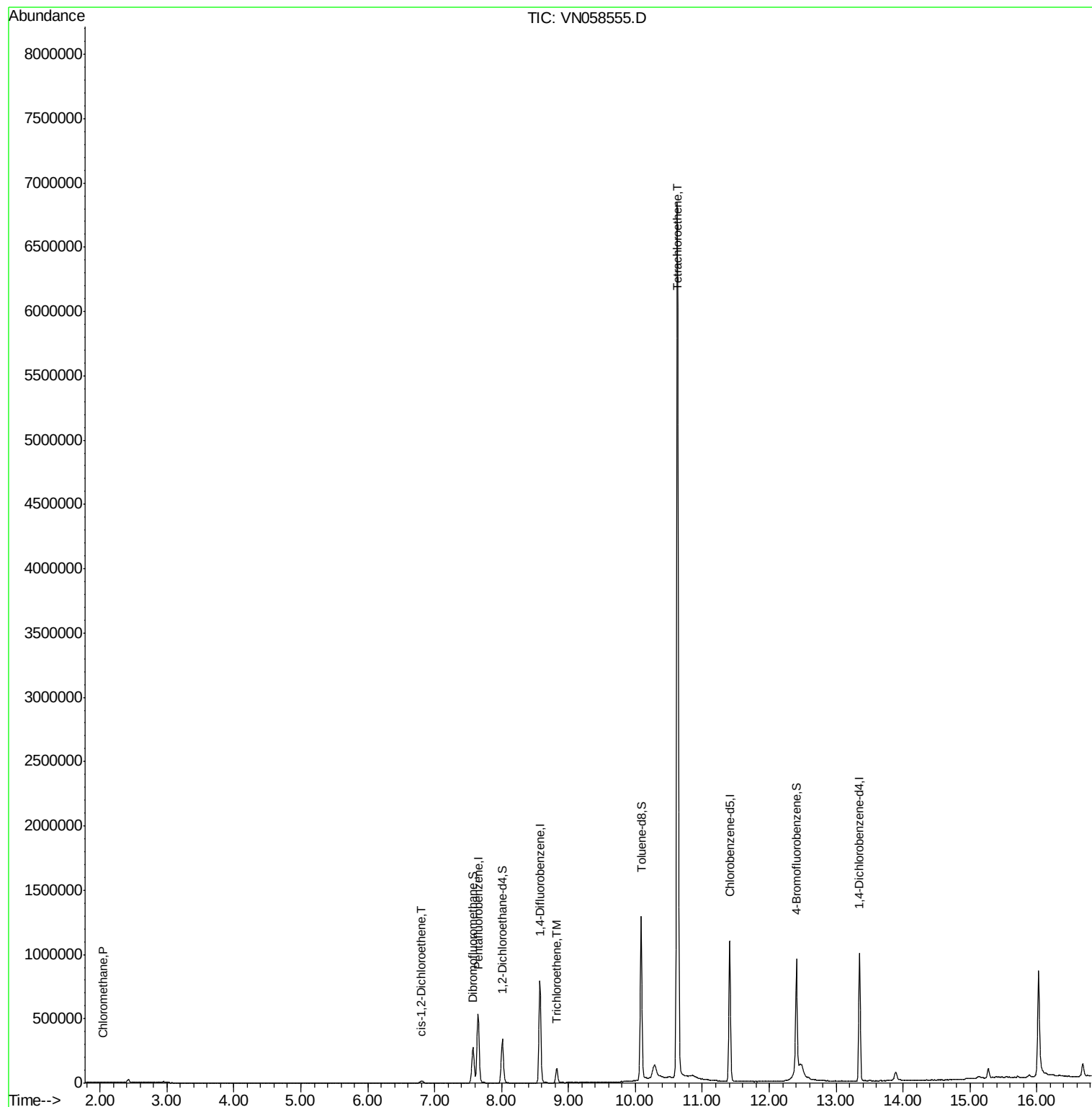
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	421416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	674133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	596803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	250321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	301649	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
35) Dibromofluoromethane	7.57	113	210330	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.08	98	871197	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
62) 4-Bromofluorobenzene	12.41	95	288506	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
Target Compounds						
3) Chloromethane	2.04	50	1789	0.352	ug/l #	85
27) cis-1,2-Dichloroethene	6.81	96	4547	0.880	ug/l	95
44) Trichloroethene	8.82	130	39336	8.598	ug/l	95
64) Tetrachloroethene	10.63	164	1494445	394.138	ug/l	99

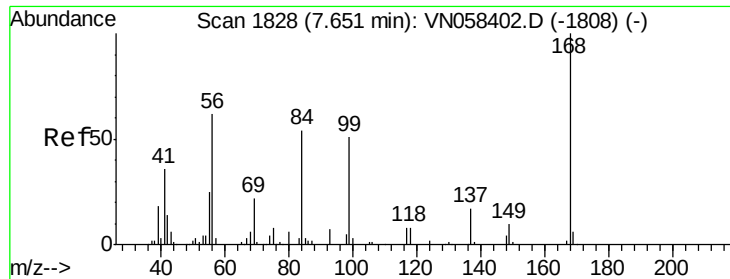
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100419\
Data File : VN058555.D
Acq On : 4 Oct 2019 20:34
Operator : JC/SP
Sample : K5197-10 100X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-23S_100319

Quant Time: Oct 05 05:05:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
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: VN058555.D

Acq: 4 Oct 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

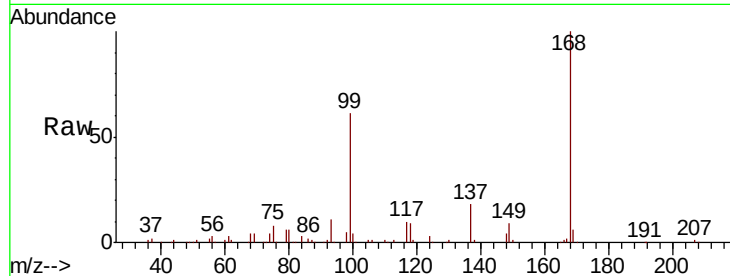
MW-23S_100319

Tot Ion:168 Resp: 421416

Ion Ratio Lower Upper

168 100

99 61.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

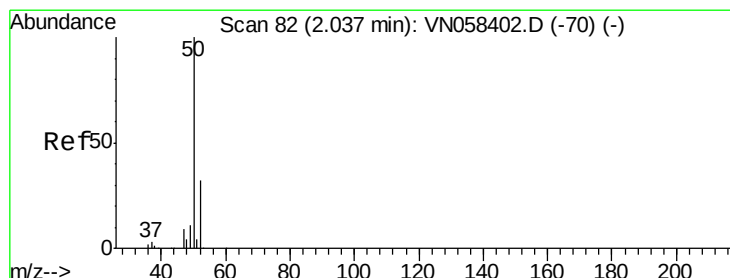
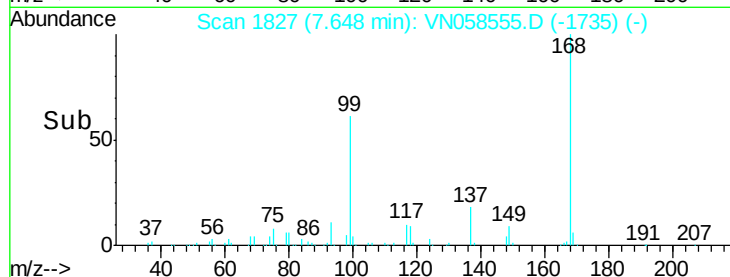
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.352 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058555.D

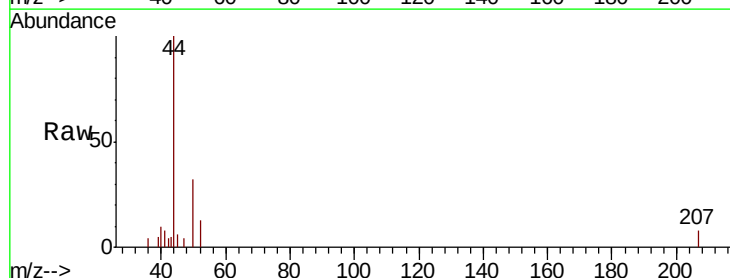
Acq: 4 Oct 2019 20:34

Tgt Ion: 50 Resp: 1789

Ion Ratio Lower Upper

50 100

52 40.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN058402.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058402.D (-70) (-)

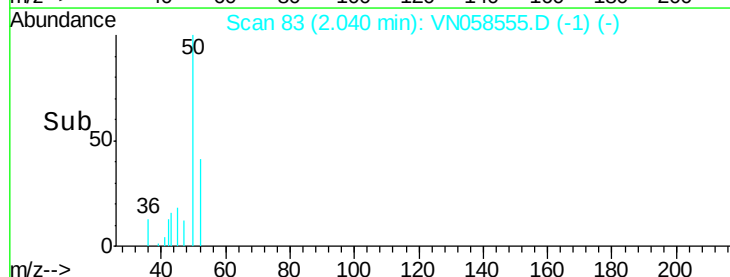
2.04

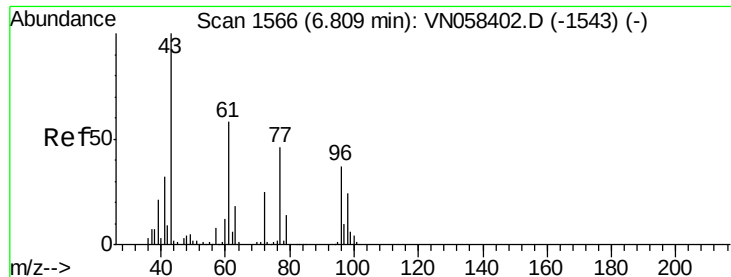
1000

500

0

Time--> 2.00 2.02 2.04 2.06 2.08





#27

cis-1,2-Dichloroethene

Concen: 0.880 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN058555.D

Acq: 4 Oct 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_100319

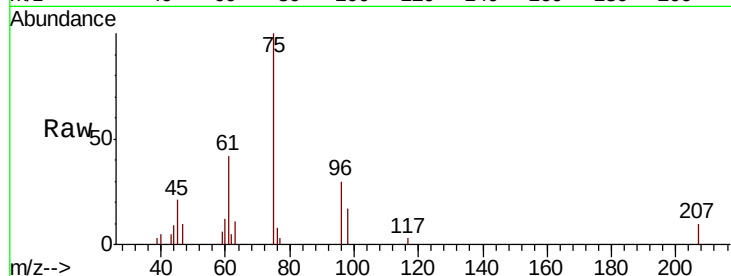
Tot Ion: 96 Resp: 4547

Ion Ratio Lower Upper

96 100

61 152.8 0.0 318.8

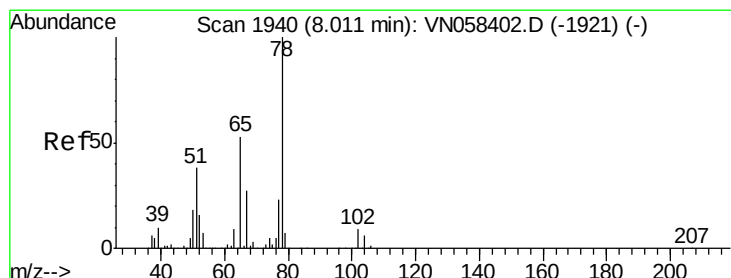
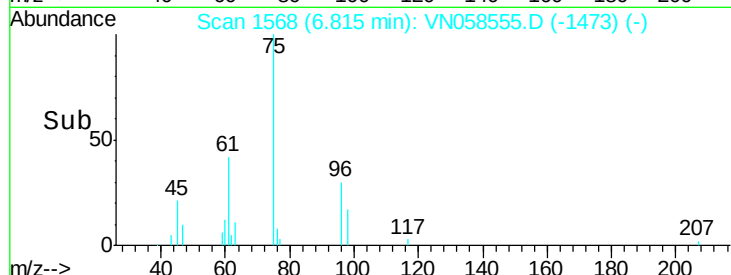
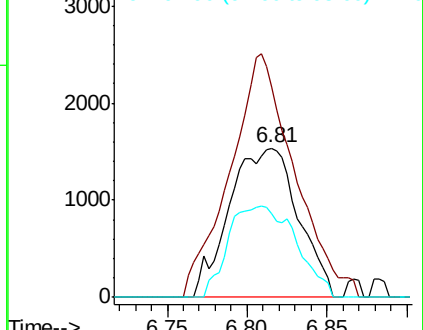
98 60.0 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.982 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058555.D

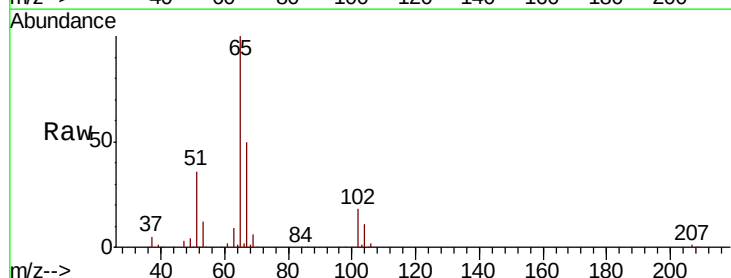
Acq: 4 Oct 2019 20:34

Tgt Ion: 65 Resp: 301649

Ion Ratio Lower Upper

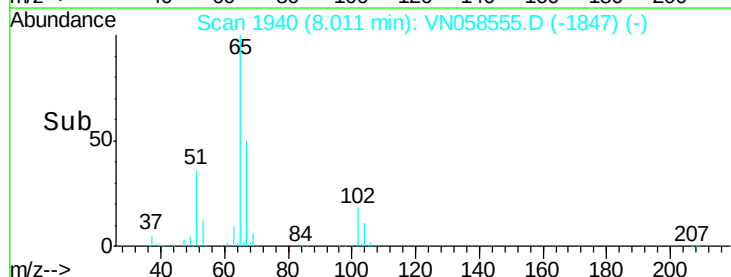
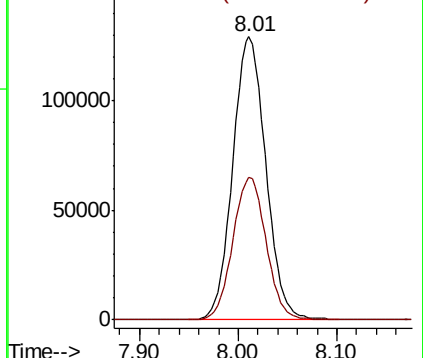
65 100

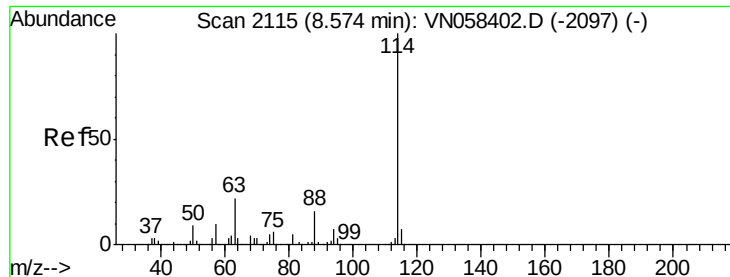
67 50.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

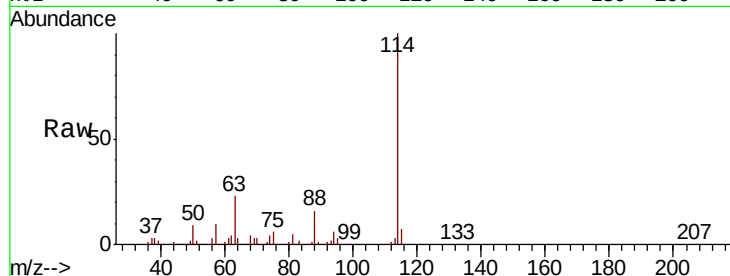




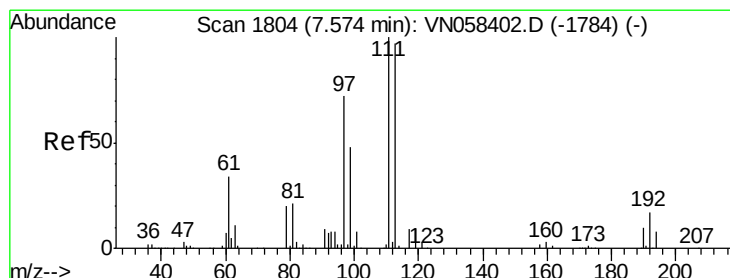
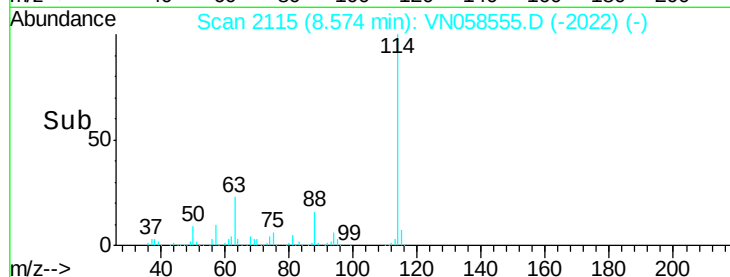
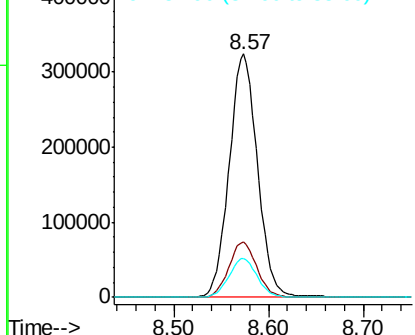
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058555.D
 Acq: 4 Oct 2019 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_100319

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	16.2	0.0	32.2

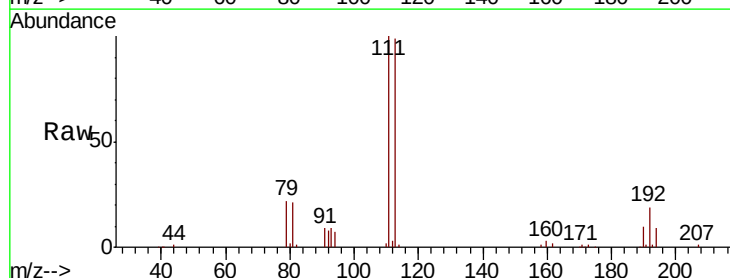


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

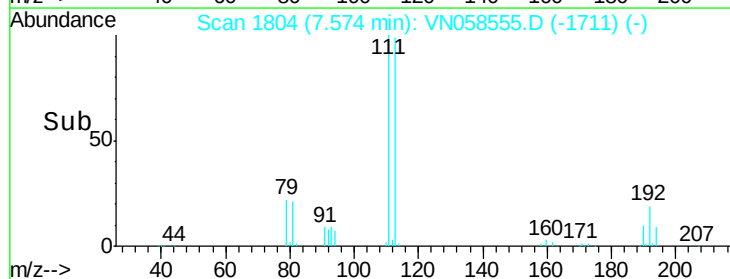
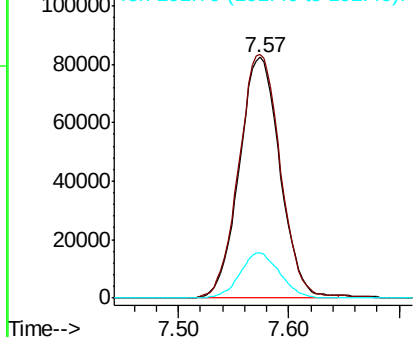


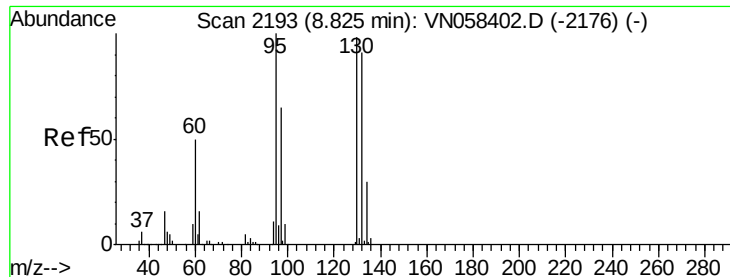
#35
 Dibromofluoromethane
 Concen: 50.907 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058555.D
 Acq: 4 Oct 2019 20:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.2
192	18.6	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: 8.598 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058555.D

Acq: 4 Oct 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

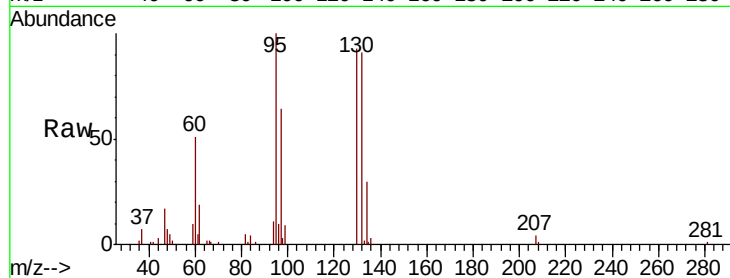
MW-23S_100319

Tot Ion:130 Resp: 39336

Ion Ratio Lower Upper

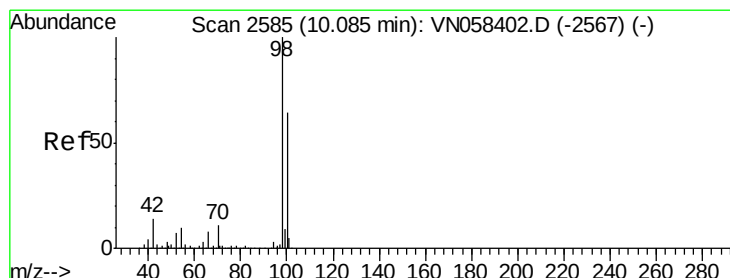
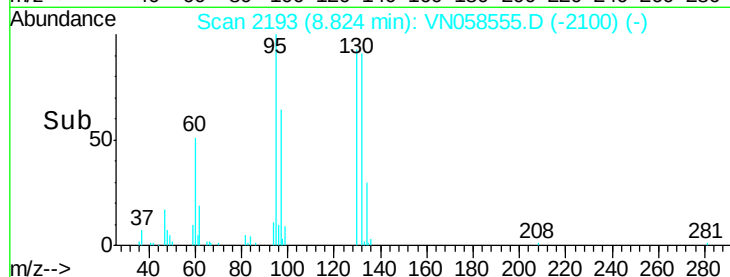
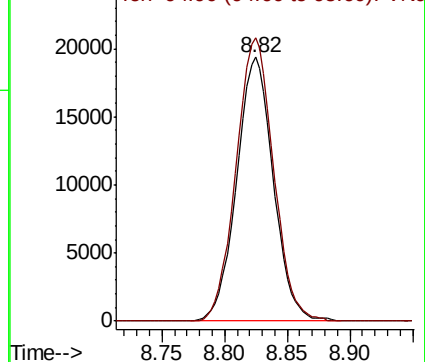
130 100

95 107.2 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: 53.826 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058555.D

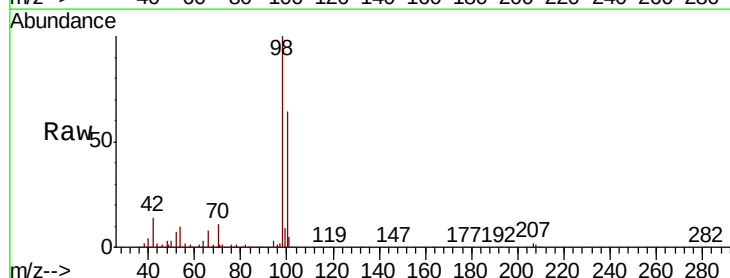
Acq: 4 Oct 2019 20:34

Tgt Ion: 98 Resp: 871197

Ion Ratio Lower Upper

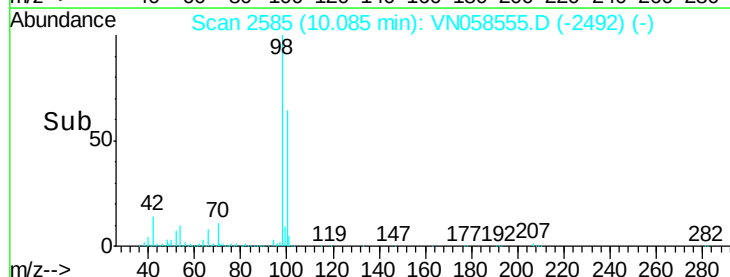
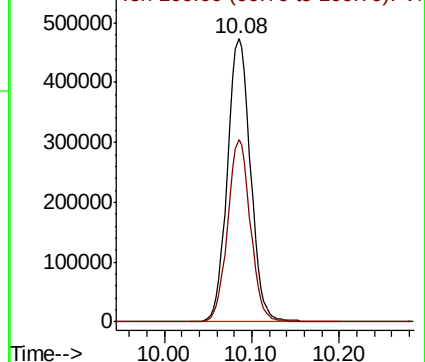
98 100

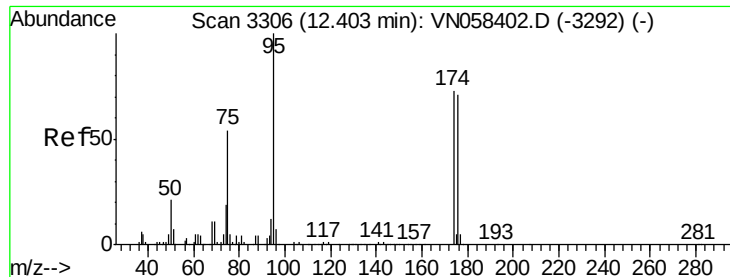
100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 49.297 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058555.D

Acq: 4 Oct 2019 20:34

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_100319

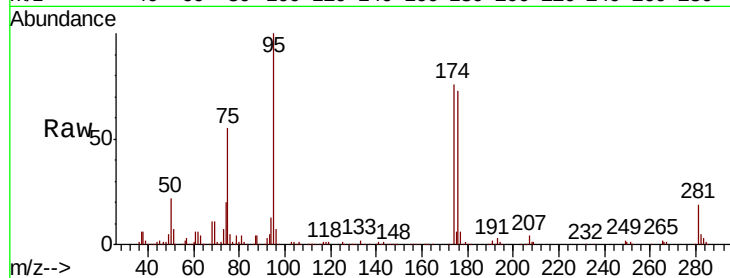
Tot Ion: 95 Resp: 288506

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.6

176 73.9 0.0 146.2

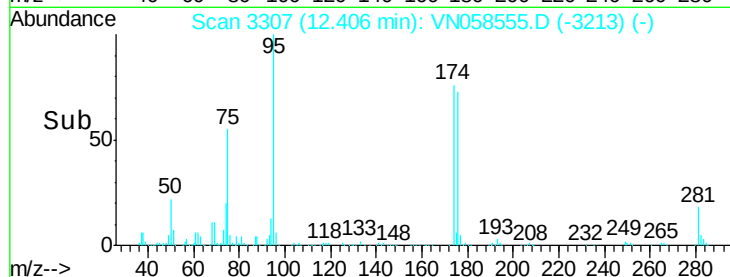


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

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

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

Time-->

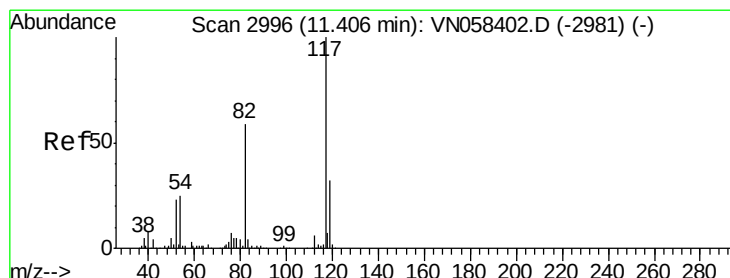


Abundance Ion 94.90 (94.60 to 95.60): VN058555.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058555.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058555.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058555.D

Acq: 4 Oct 2019 20:34

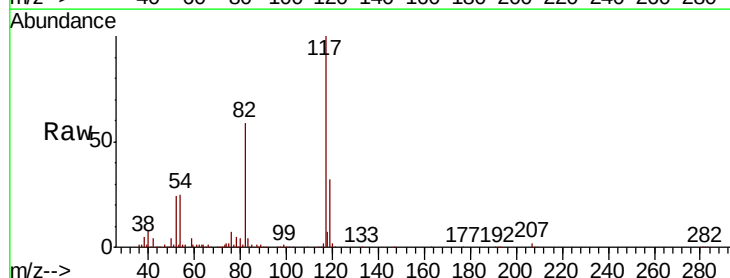
Tgt Ion: 117 Resp: 596803

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.0

119 31.8 25.5 38.3

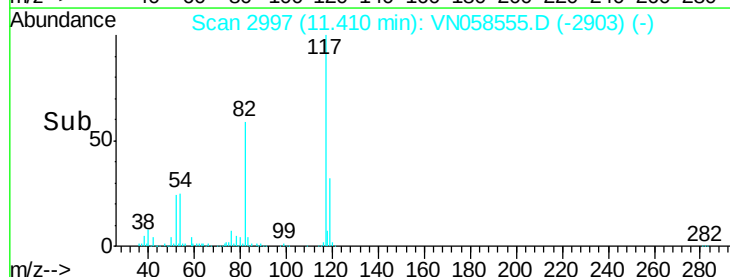


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

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

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

Time-->

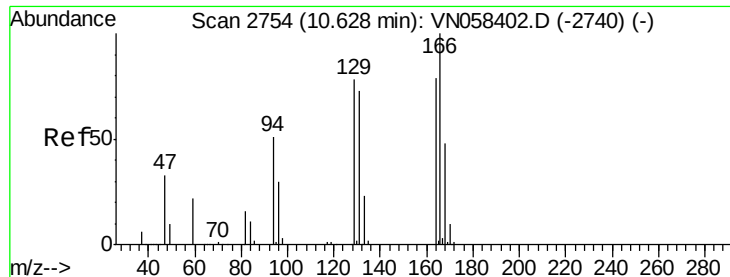


Abundance Ion 116.90 (116.60 to 117.60): VN058555.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058555.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058555.D (-2903) (-)

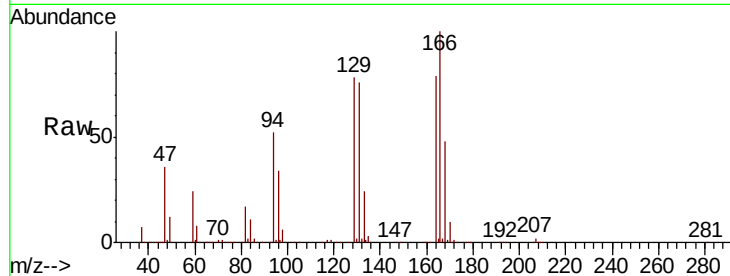
Time-->



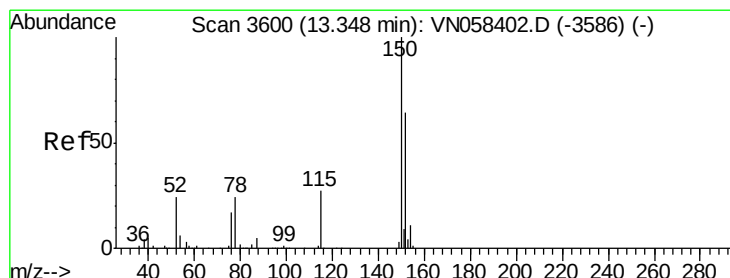
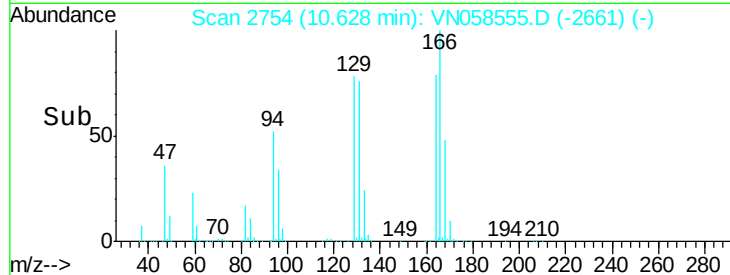
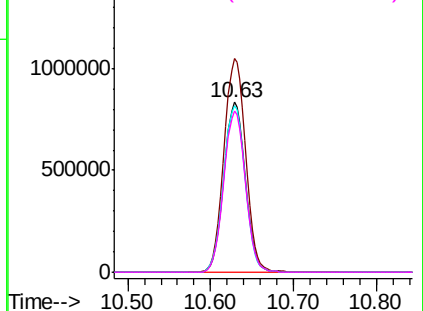
#64
Tetrachloroethene
Concen: 394.138 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058555.D
Acq: 4 Oct 2019 20:34

Instrument :
MSVOA_N
ClientSampleId :
MW-23S_100319

Tot Ion:164 Resp: 1494445
Ion Ratio Lower Upper
164 100
166 125.9 101.1 151.7
129 98.3 79.2 118.8
131 95.2 74.1 111.1

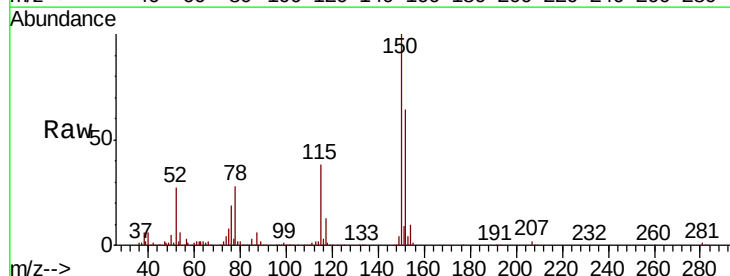


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058555.D
Acq: 4 Oct 2019 20:34

Tgt Ion:152 Resp: 250321
Ion Ratio Lower Upper
152 100
115 61.8 30.0 90.0
150 157.8 0.0 348.2



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

