

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058545.D
 Acq On : 4 Oct 2019 16:53
 Operator : JC/SP
 Sample : K5169-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-25S_100119

Quant Time: Oct 05 04:04:11 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

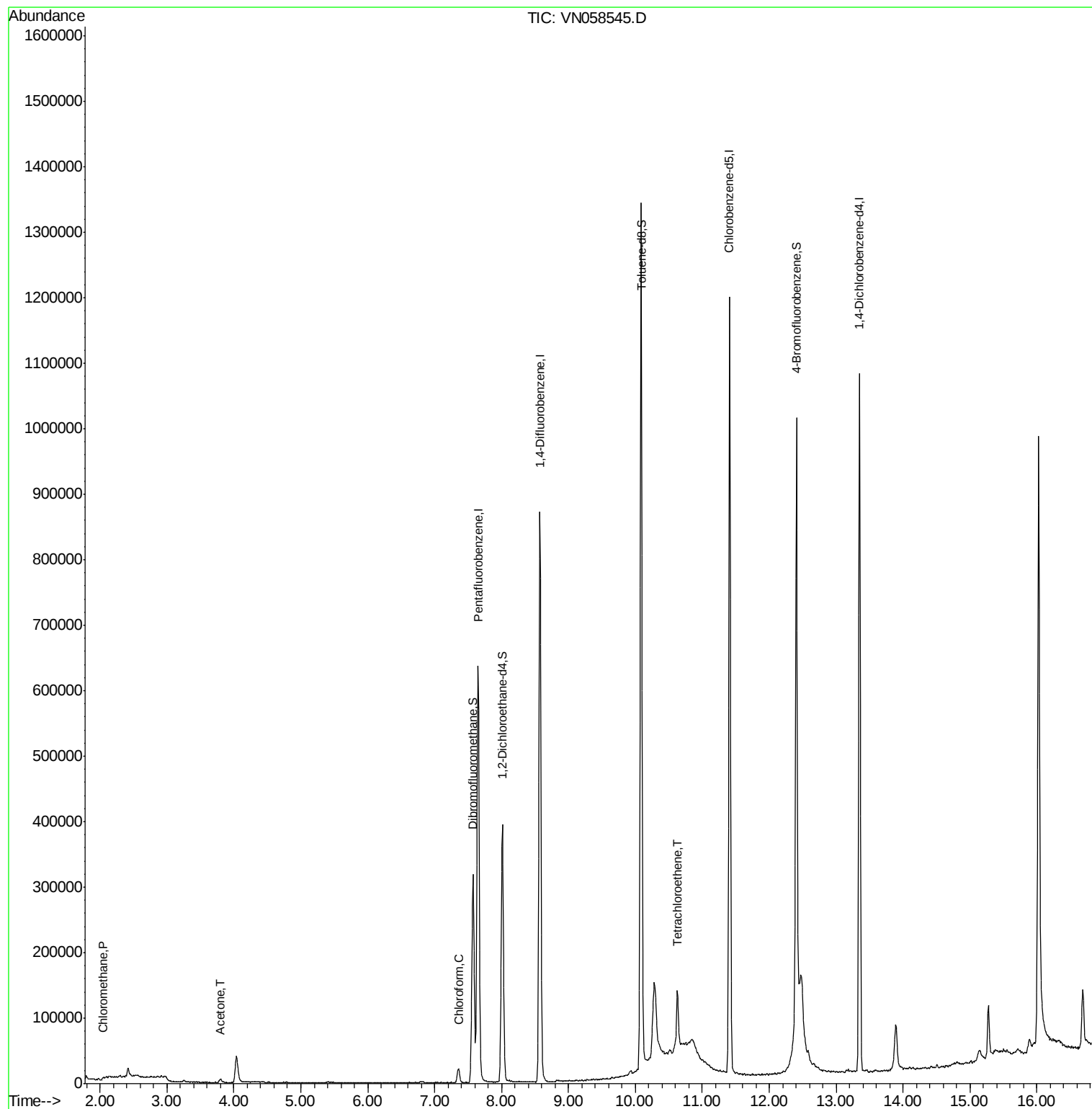
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	502924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	765638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	649601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	347891	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	7.57	113	241725	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	10.08	98	916268	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.41	95	304172	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
3) Chloromethane	2.04	50	2077	0.343	ug/l	93
16) Acetone	3.80	43	9197	3.671	ug/l	92
30) Chloroform	7.36	83	21277	2.008	ug/l	93
64) Tetrachloroethene	10.63	164	18540	4.492	ug/l	92

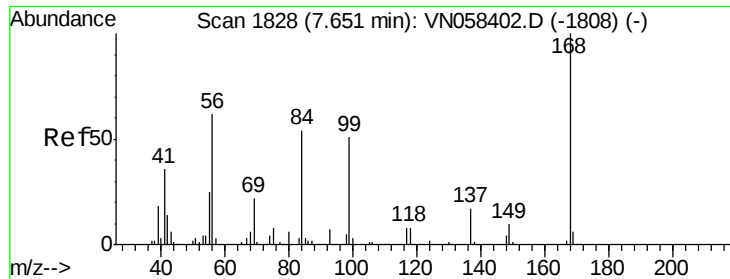
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1828

Delta R.T. -0.00 min

Lab File: VN058545.D

Acq: 4 Oct 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

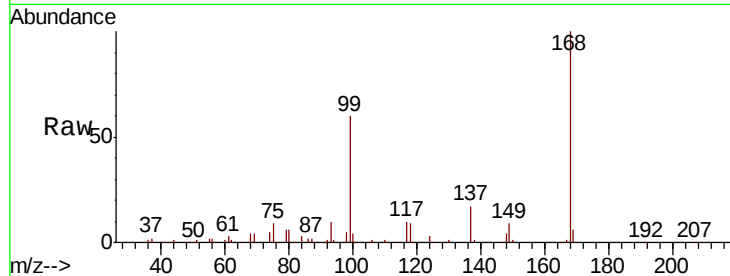
MW-25S_100119

Tot Ion:168 Resp: 502924

Ion Ratio Lower Upper

168 100

99 59.8 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

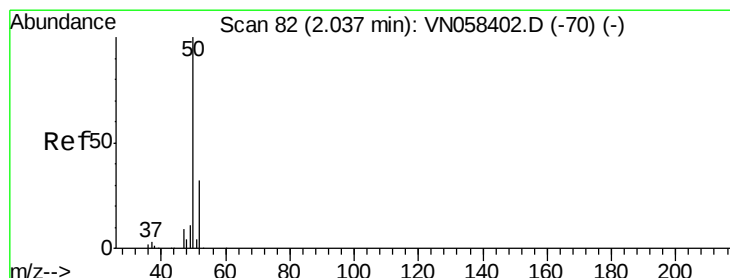
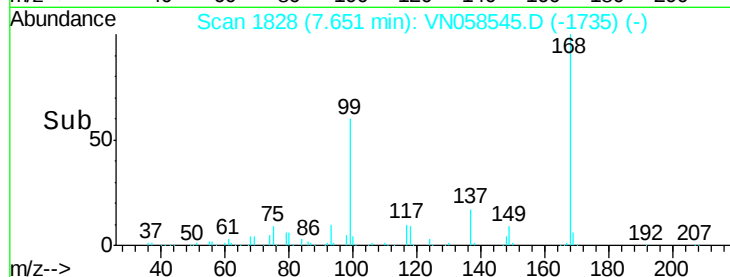
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.343 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058545.D

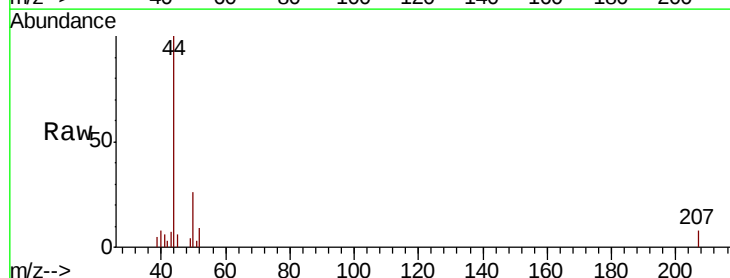
Acq: 4 Oct 2019 16:53

Tgt Ion: 50 Resp: 2077

Ion Ratio Lower Upper

50 100

52 36.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

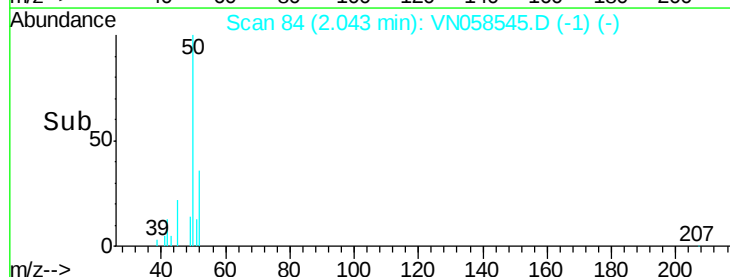
1500

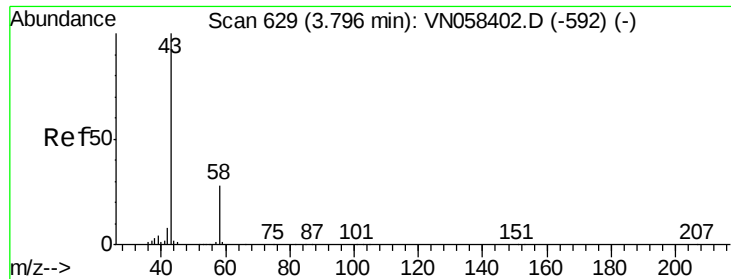
1000

500

0

Time-->





#16

Acetone

Concen: 3.671 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058545.D

Acq: 4 Oct 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

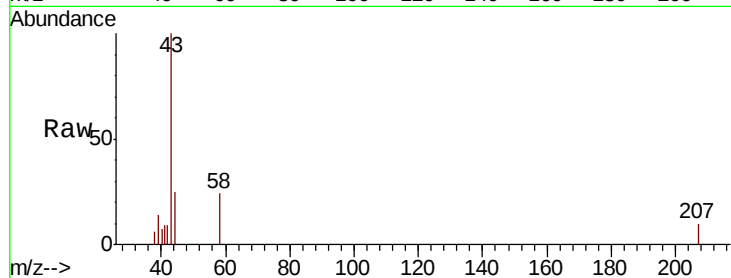
MW-25S_100119

Tot Ion: 43 Resp: 9197

Ion Ratio Lower Upper

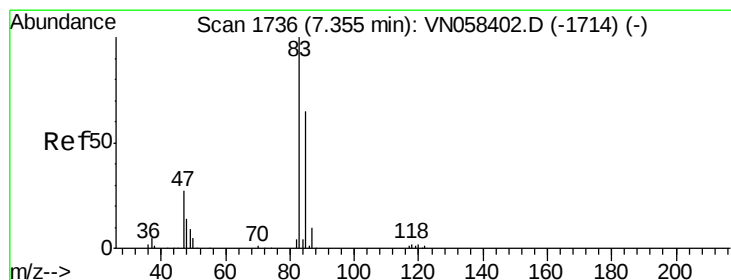
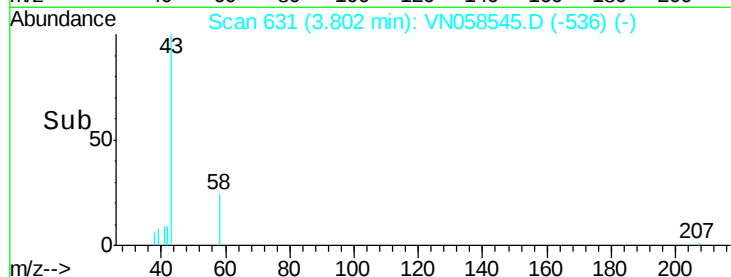
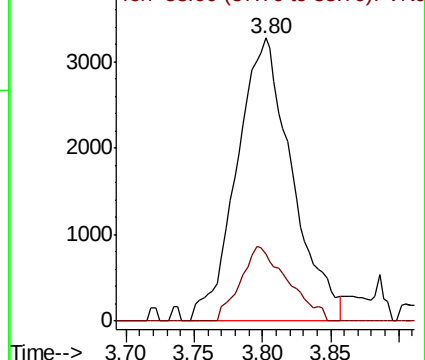
43 100

58 23.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#30

Chloroform

Concen: 2.008 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058545.D

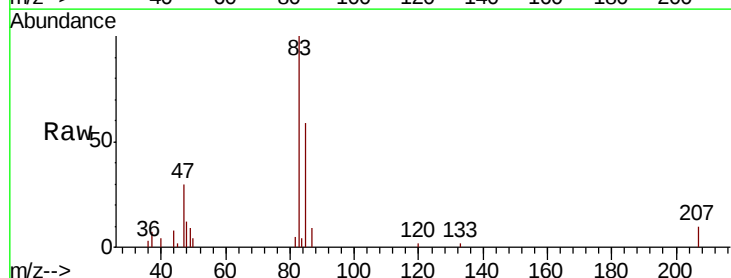
Acq: 4 Oct 2019 16:53

Tgt Ion: 83 Resp: 21277

Ion Ratio Lower Upper

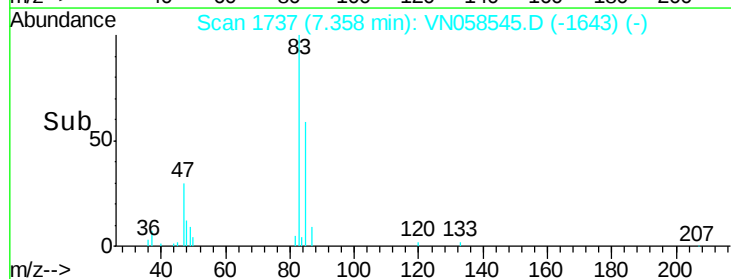
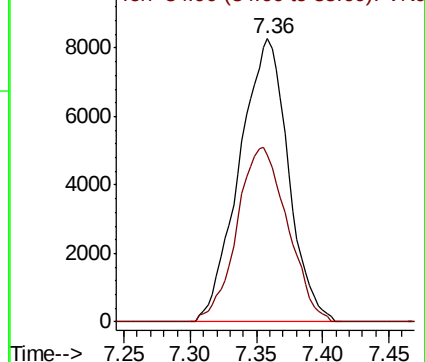
83 100

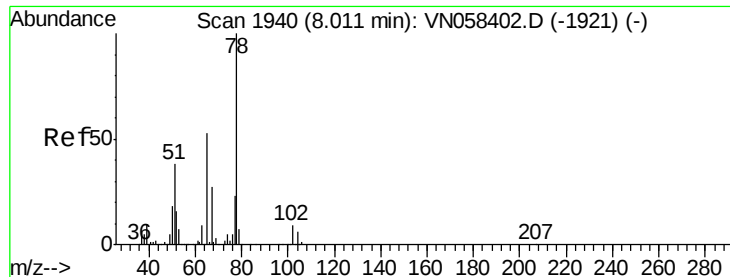
85 59.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.336 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058545.D

Acq: 4 Oct 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

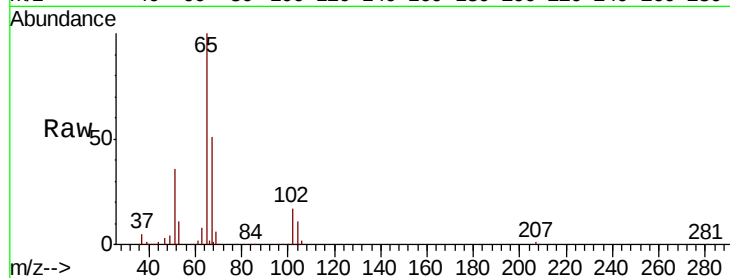
MW-25S_100119

Tot Ion: 65 Resp: 347891

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)

8.01

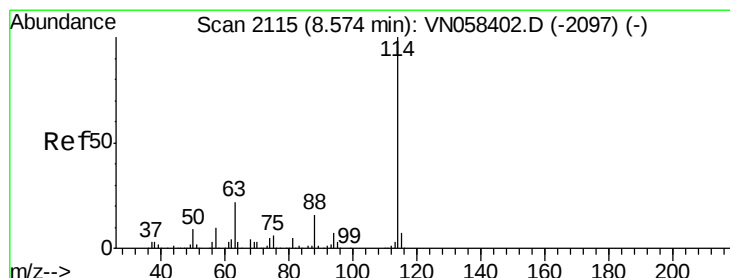
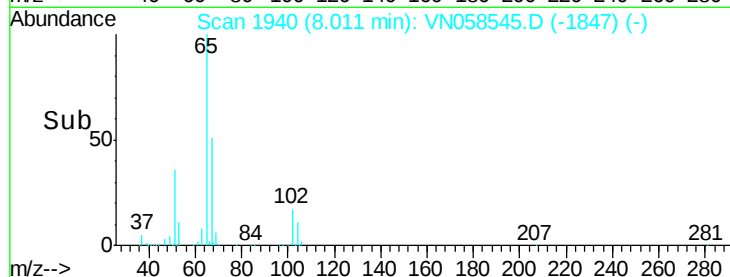
150000

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: VN058545.D

Acq: 4 Oct 2019 16:53

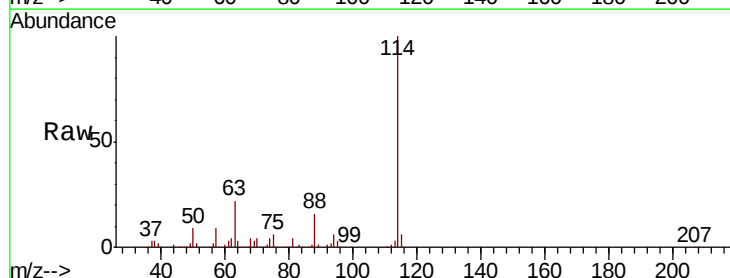
Tgt Ion: 114 Resp: 765638

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

88 16.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058402.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN058402.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN058402.D (-2097) (-)

8.57

500000

400000

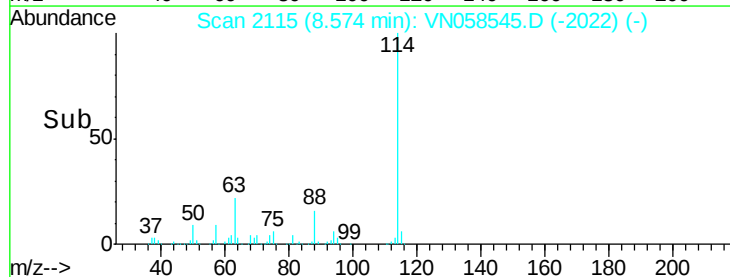
300000

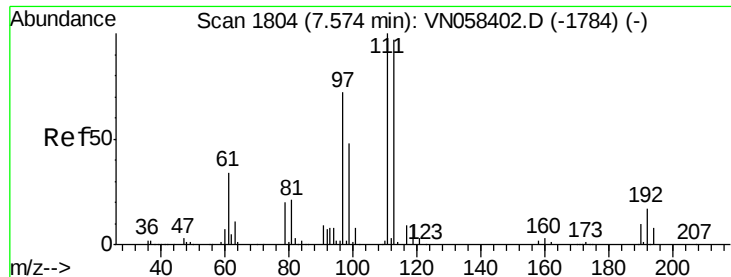
200000

100000

0

Time-->

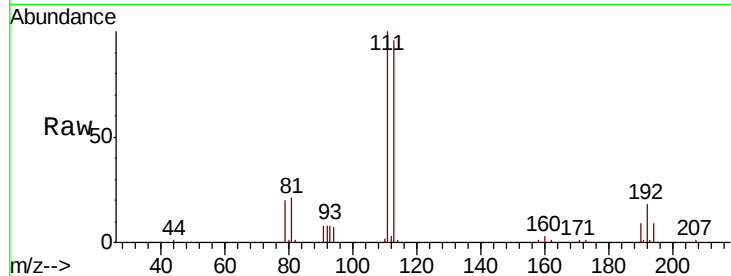




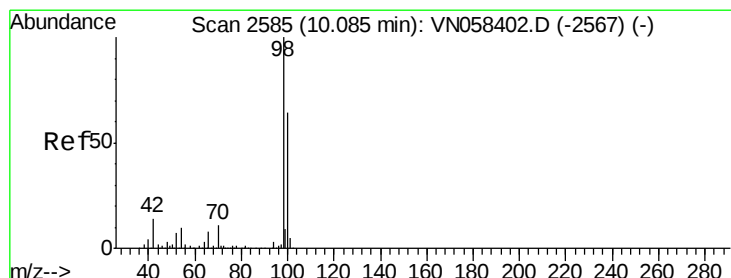
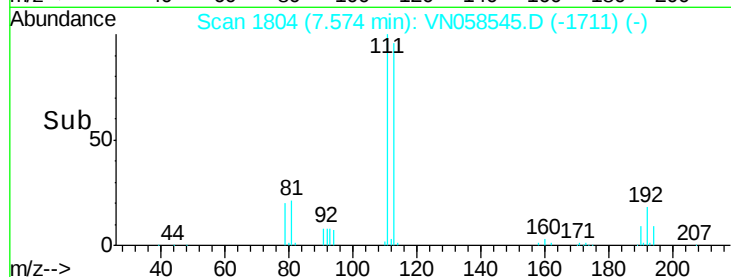
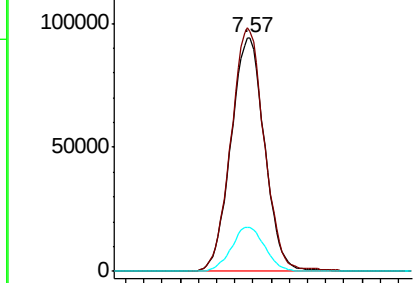
#35
Dibromofluoromethane
Concen: 51.513 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058545.D
Acq: 4 Oct 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
MW-25S_100119

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	18.8	14.9	22.3

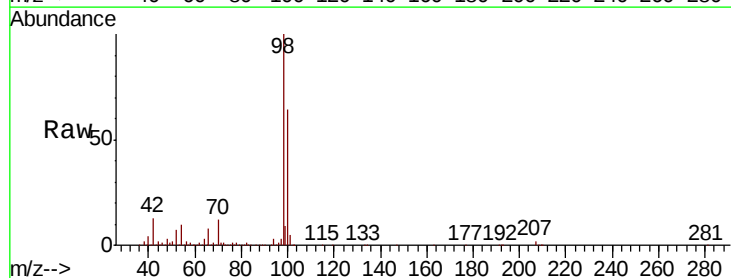


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

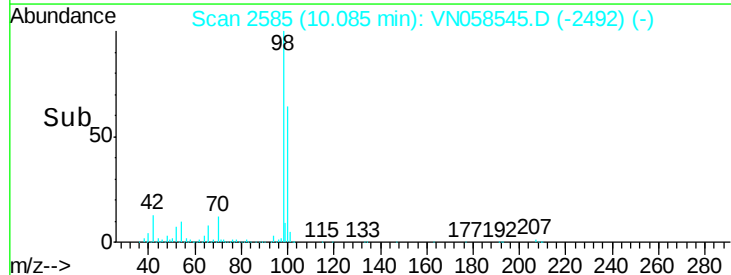
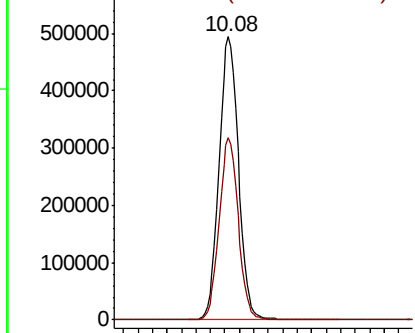


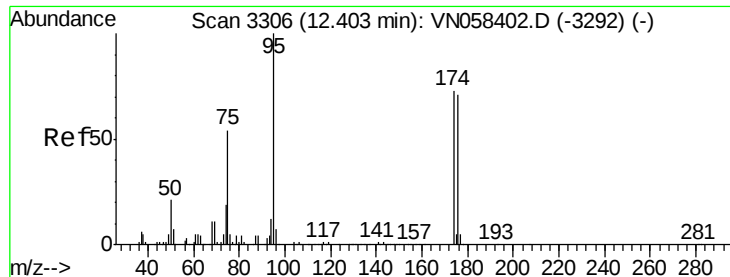
#50
Toluene-d8
Concen: 49.844 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058545.D
Acq: 4 Oct 2019 16:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.0	76.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.762 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058545.D

Acq: 4 Oct 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

MW-25S_100119

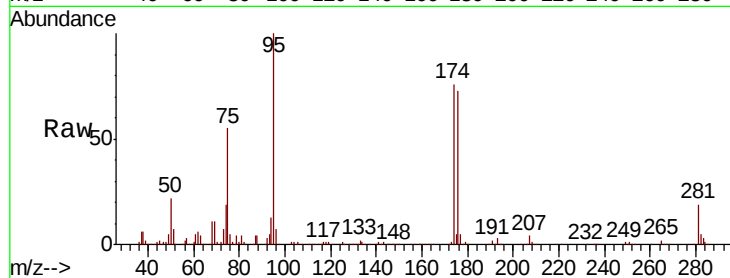
Tot Ion: 95 Resp: 304172

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 72.8 0.0 146.2

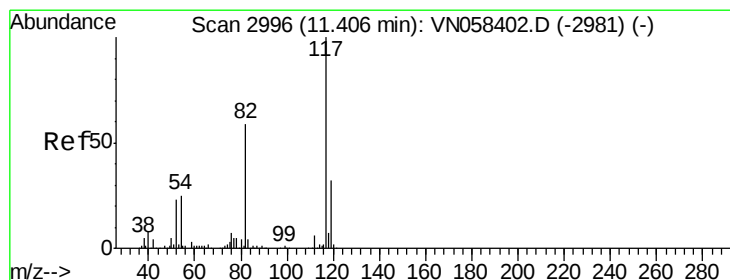
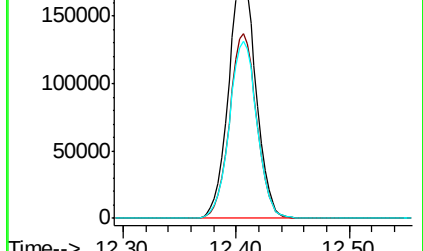
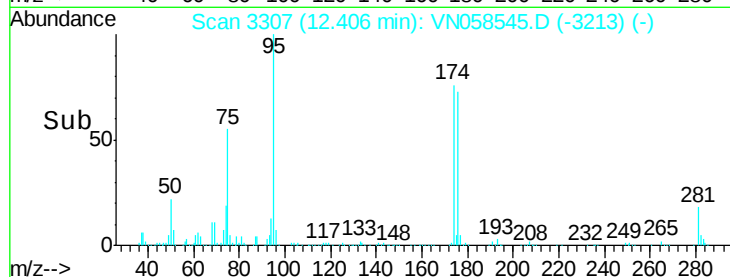


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

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

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

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058545.D

Acq: 4 Oct 2019 16:53

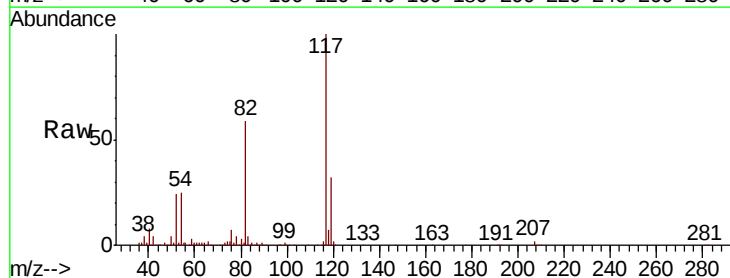
Tgt Ion: 117 Resp: 649601

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.0

119 31.8 25.5 38.3

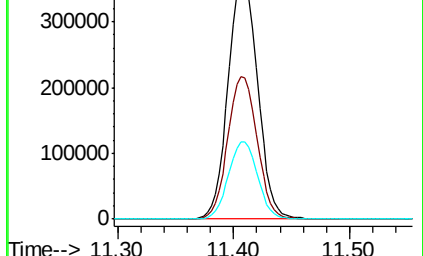
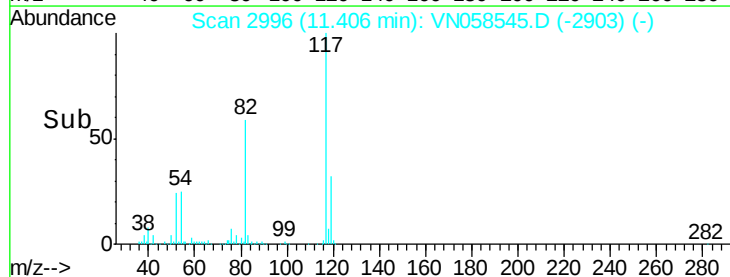


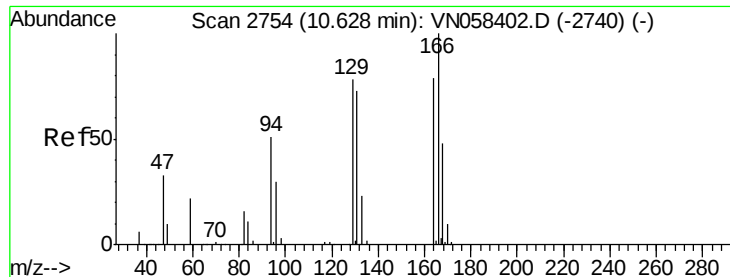
Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

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

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

Time--> 11.30 11.40 11.50

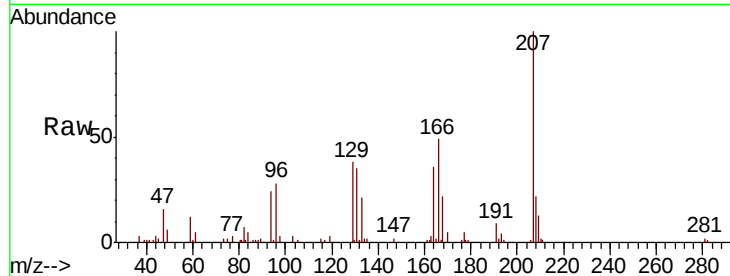




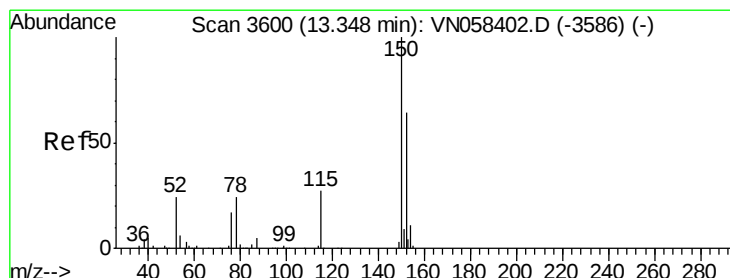
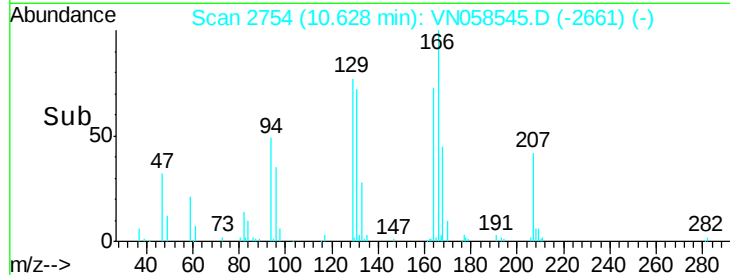
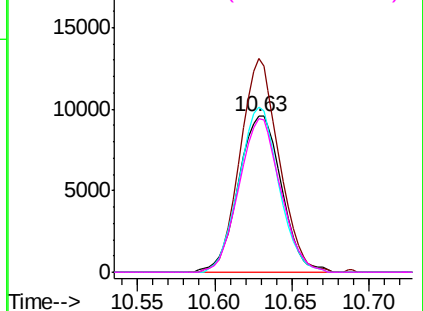
#64
Tetrachloroethene
Concen: 4.492 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058545.D
Acq: 4 Oct 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :
MW-25S_100119

Tot Ion	Ratio	Lower	Upper
164	100		
166	137.0	101.1	151.7
129	106.1	79.2	118.8
131	98.7	74.1	111.1

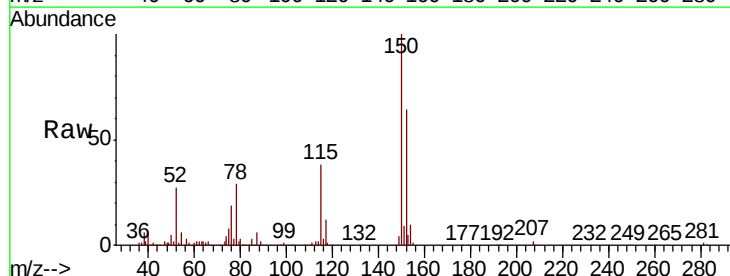


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058545.D
Acq: 4 Oct 2019 16:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	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

