

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058581.D
 Acq On : 7 Oct 2019 20:50
 Operator : JC/SP
 Sample : K5230-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Oct 08 15:36:59 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

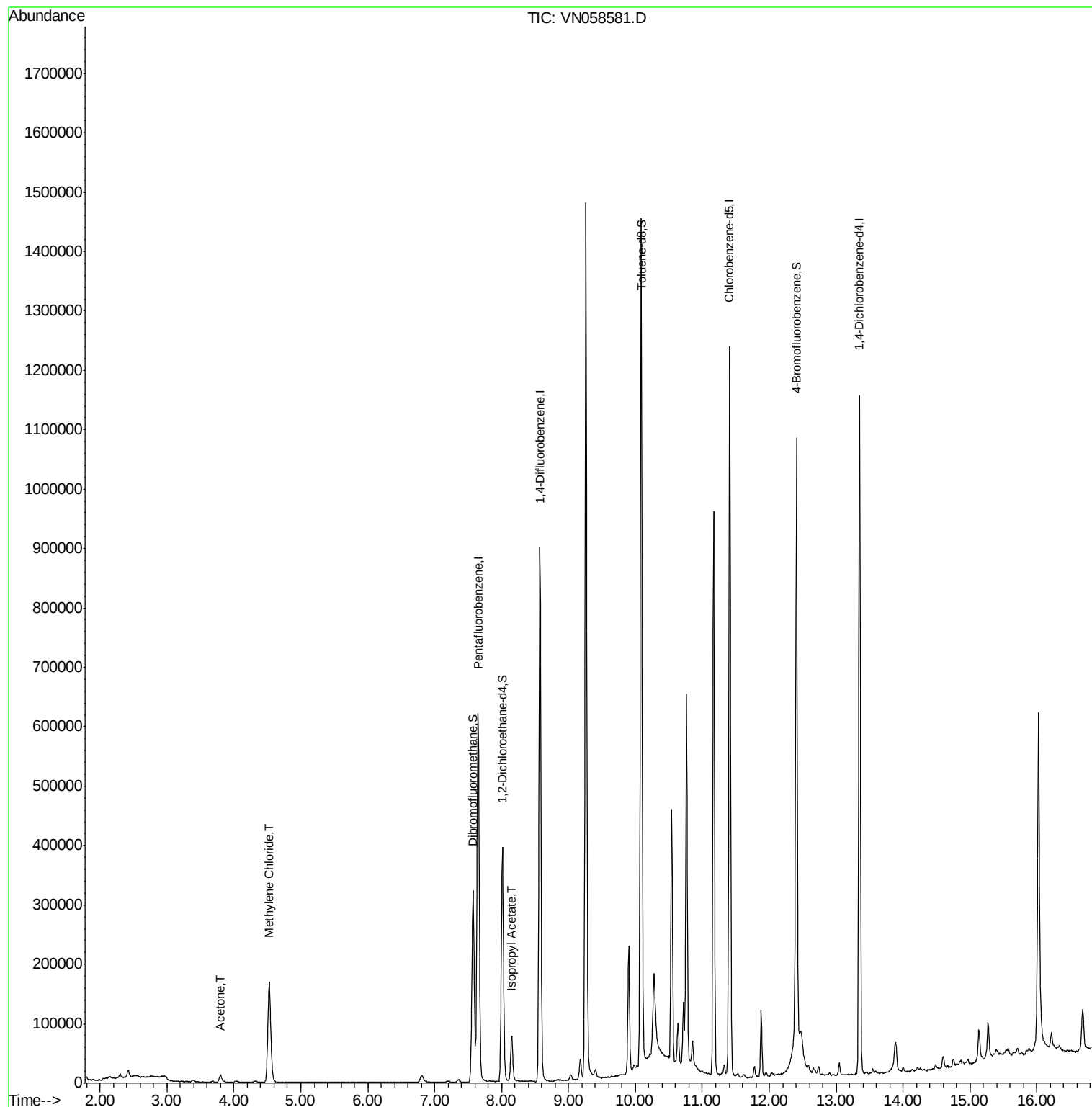
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	492638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	788156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	703841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	346940	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	7.57	113	246094	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
50) Toluene-d8	10.08	98	993194	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.41	95	341269	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
Target Compounds						
16) Acetone	3.80	43	19521	7.954	ug/l	99
20) Methylene Chloride	4.53	84	123084	21.733	ug/l	98
43) Isopropyl Acetate	8.15	43	93599	7.790	ug/l	100

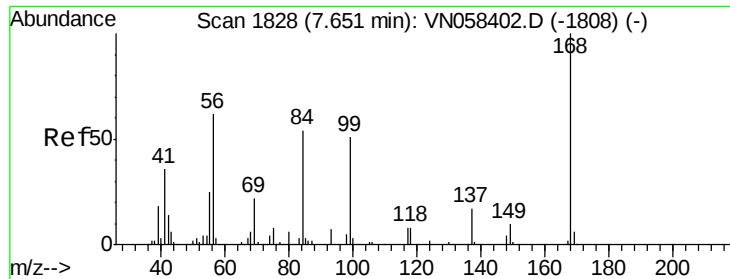
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100719\
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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# 1828

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

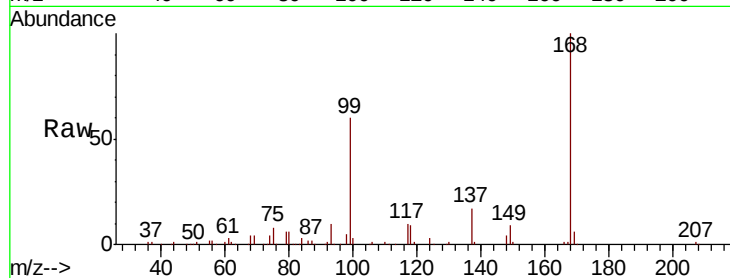
TP-1

Tot Ion:168 Resp: 492638

Ion Ratio Lower Upper

168 100

99 60.1 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

200000

150000

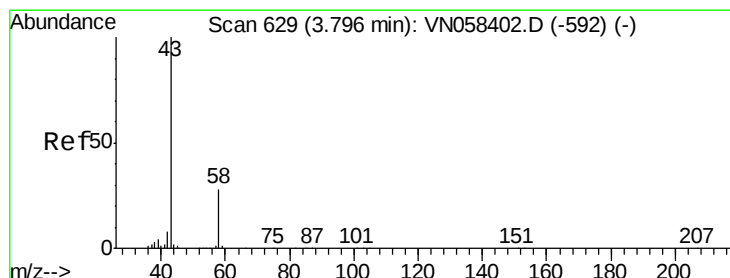
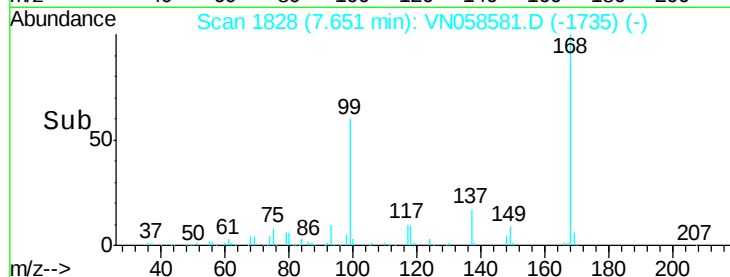
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 7.954 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058581.D

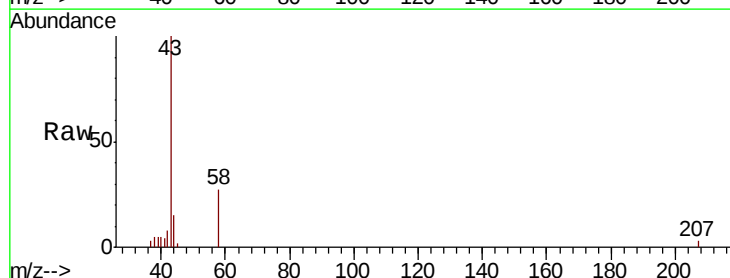
Acq: 7 Oct 2019 20:50

Tgt Ion: 43 Resp: 19521

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058402.D (-592) (-)

3.80

8000

6000

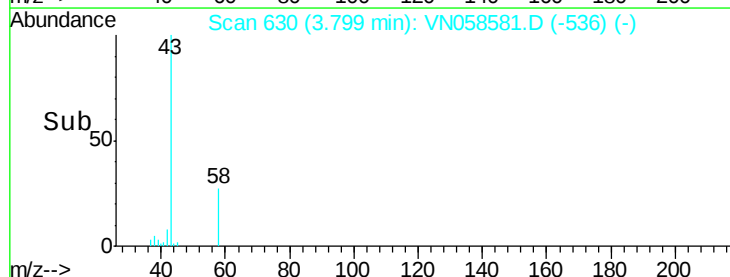
4000

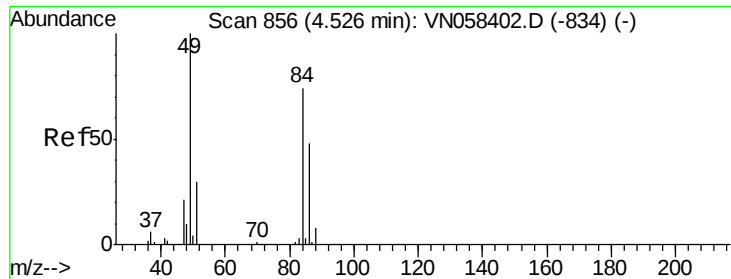
2000

0

3.70 3.75 3.80 3.85

Time-->

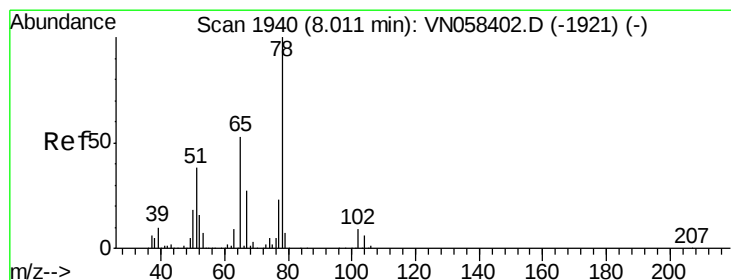
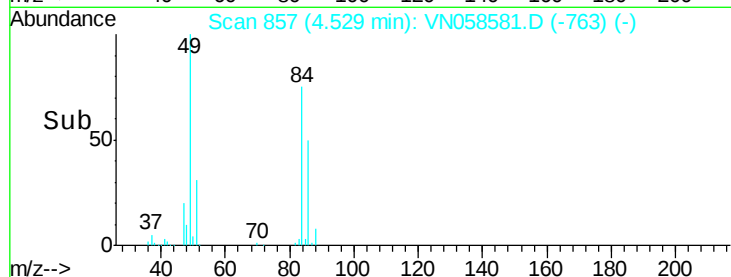
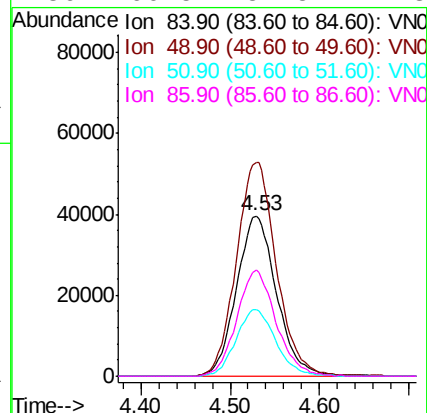
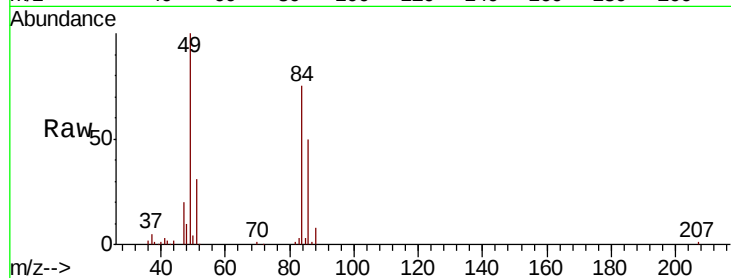




#20
Methylene Chloride
Concen: 21.733 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

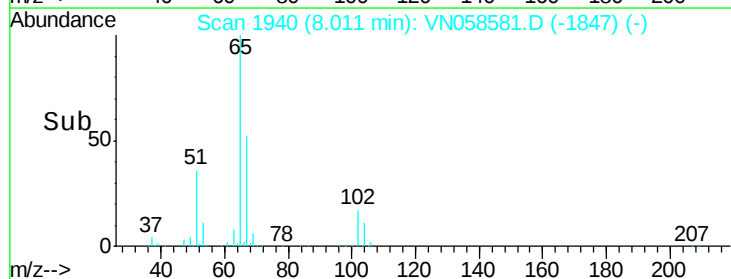
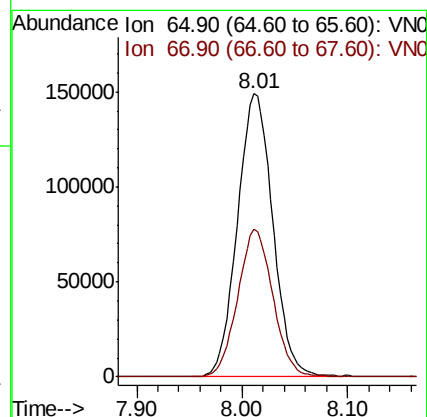
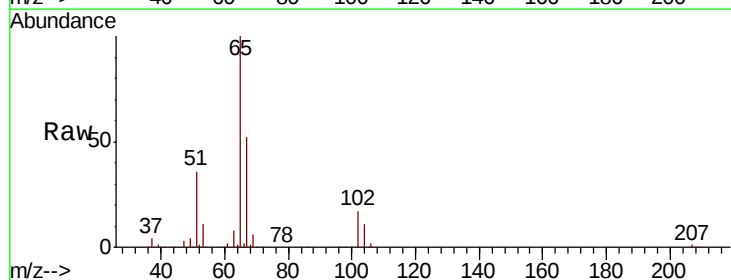
Instrument :
MSVOA_N
ClientSampled :
TP-1

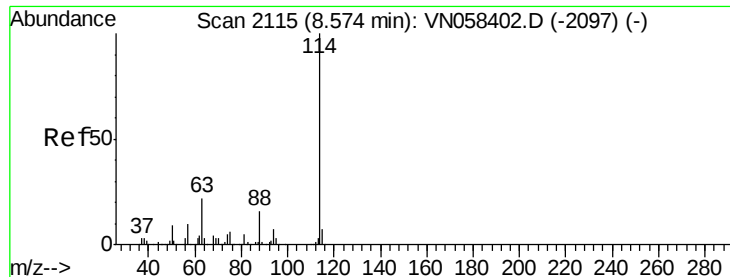
Tot Ion: 84 Resp: 123084
Ion Ratio Lower Upper
84 100
49 133.1 107.9 161.9
51 41.2 32.8 49.2
86 66.5 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 48.192 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058581.D
Acq: 7 Oct 2019 20:50

Tgt Ion: 65 Resp: 346940
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

TP-1

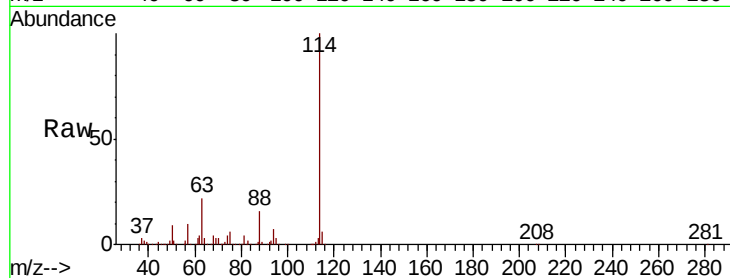
Tot Ion:114 Resp: 788156

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

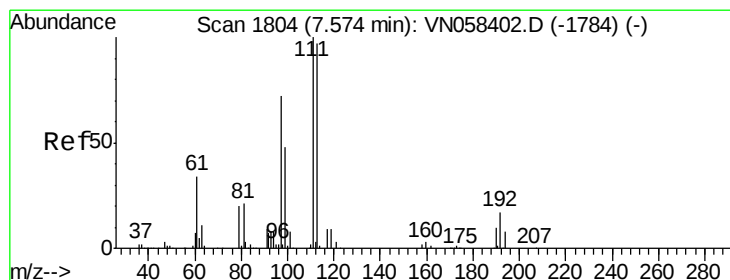
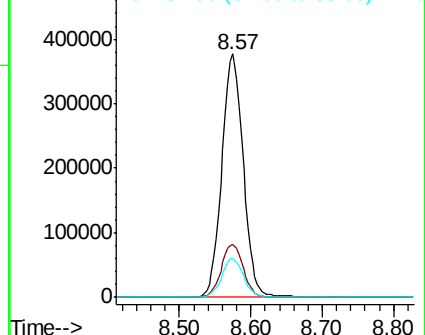
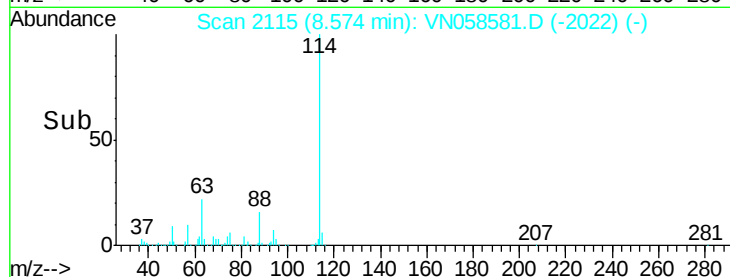
88 16.1 0.0 32.2



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: 50.946 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

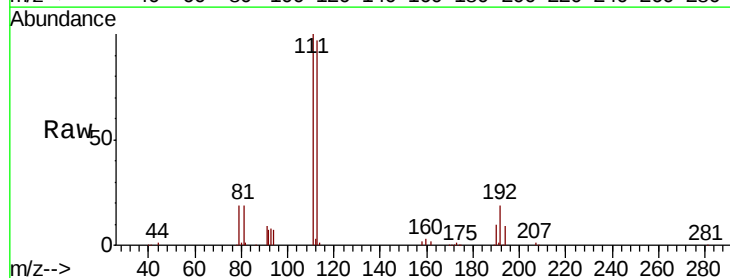
Tgt Ion:113 Resp: 246094

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

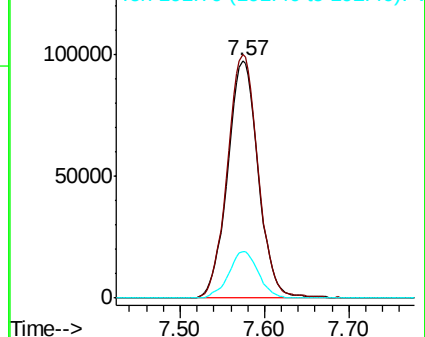
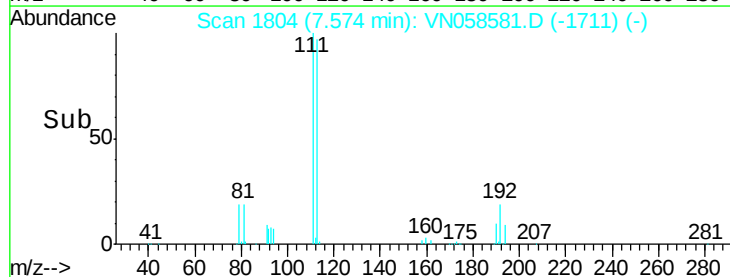
192 19.2 14.9 22.3

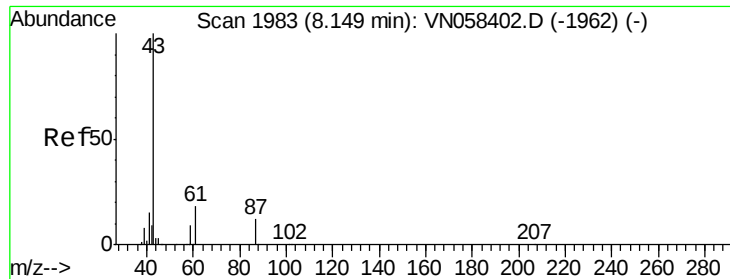


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.790 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

TP-1

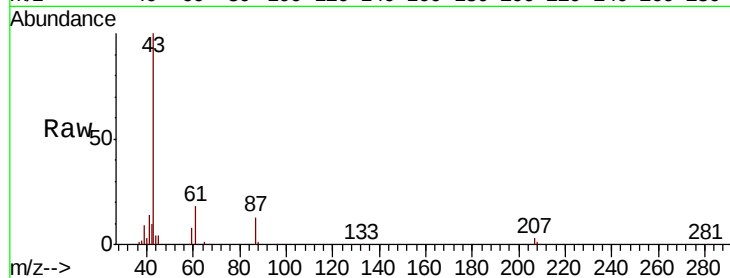
Tot Ion: 43 Resp: 93599

Ion Ratio Lower Upper

43 100

61 18.4 14.8 22.2

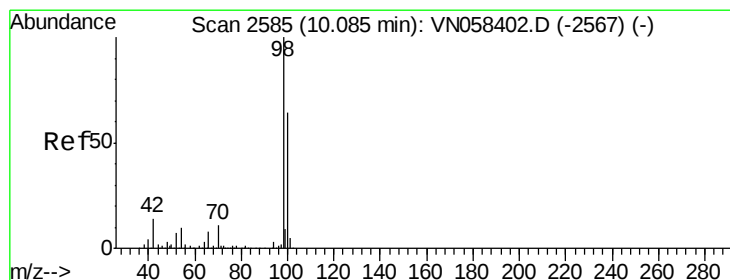
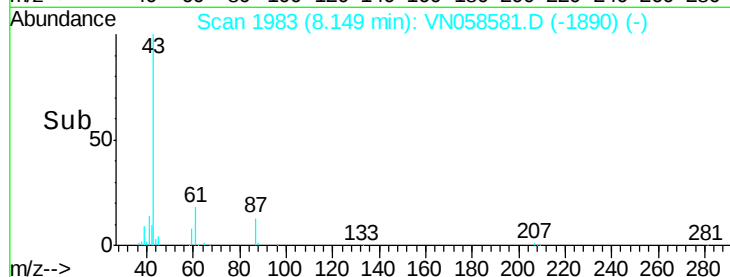
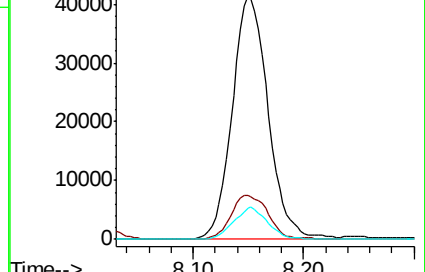
87 12.2 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058581.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058581.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058581.D (-1890) (-)



#50

Toluene-d8

Concen: 52.486 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058581.D

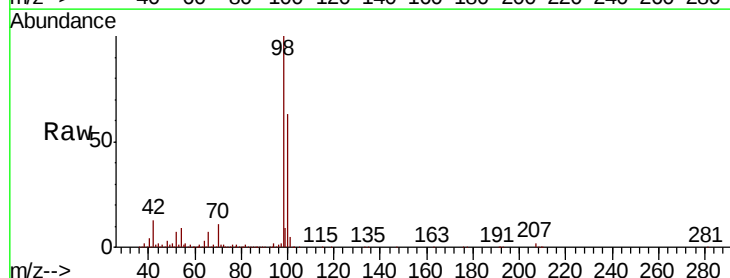
Acq: 7 Oct 2019 20:50

Tgt Ion: 98 Resp: 993194

Ion Ratio Lower Upper

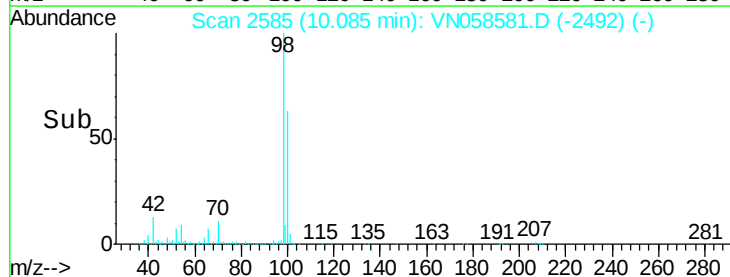
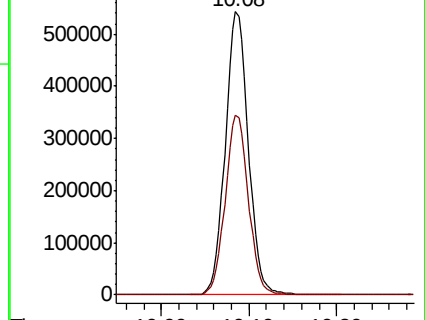
98 100

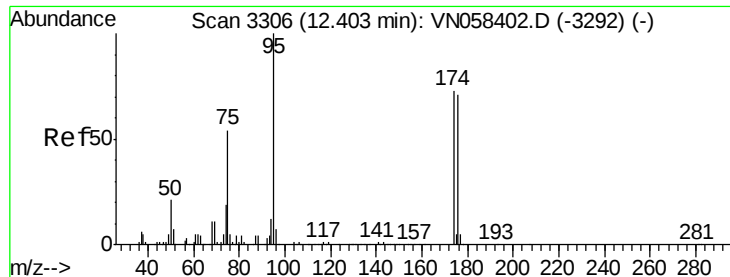
100 64.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058581.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN058581.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 49.877 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampled :

TP-1

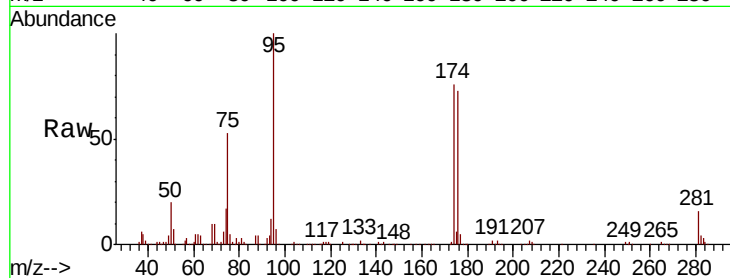
Tot Ion: 95 Resp: 341269

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.9 0.0 146.2

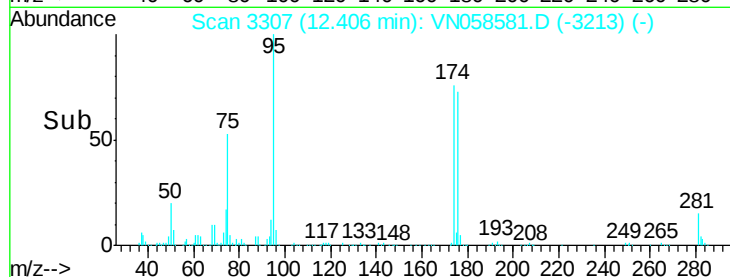


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

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

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

Time-->

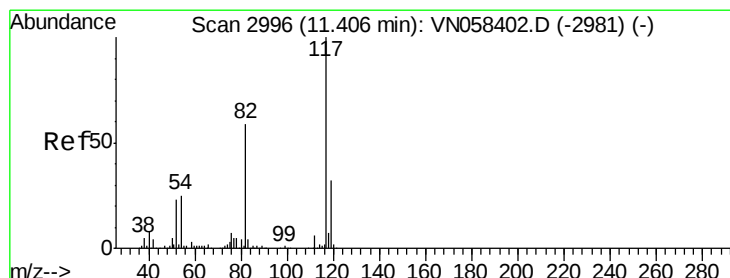


Abundance Ion 94.90 (94.60 to 95.60): VN058581.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058581.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058581.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: VN058581.D

Acq: 7 Oct 2019 20:50

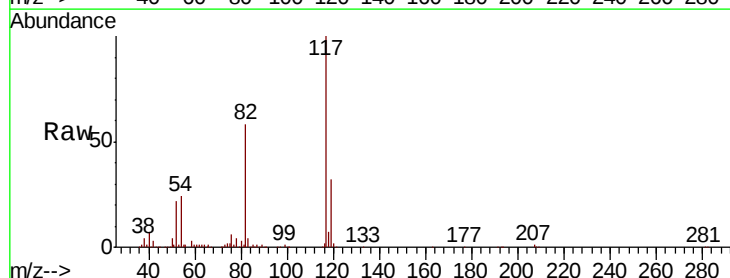
Tgt Ion: 117 Resp: 703841

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.0

119 32.4 25.5 38.3

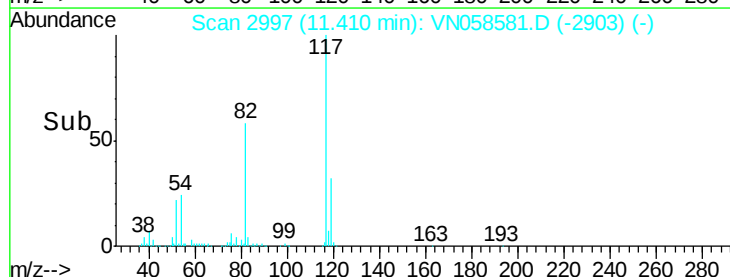


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

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

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

Time-->

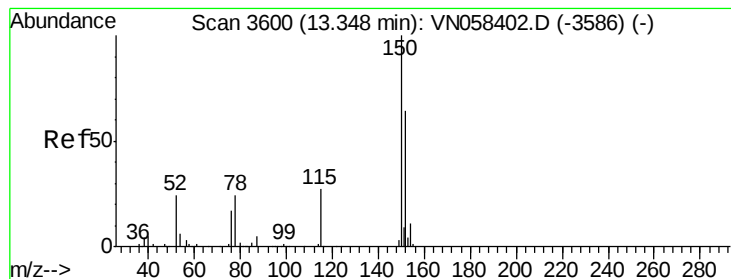


Abundance Ion 116.90 (116.60 to 117.60): VN058581.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058581.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058581.D (-2903) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058581.D

Acq: 7 Oct 2019 20:50

Instrument :

MSVOA_N

ClientSampleId :

TP-1

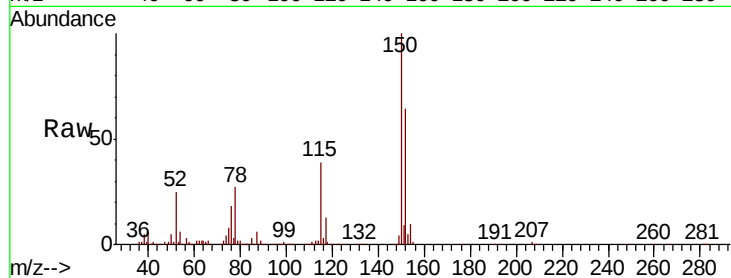
Tot Ion:152 Resp: 295902

Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

150 157.5 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

