

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091819\
 Data File : VN058174.D
 Acq On : 18 Sep 2019 19:49
 Operator : JC/SP
 Sample : K4942-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Sep 19 16:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

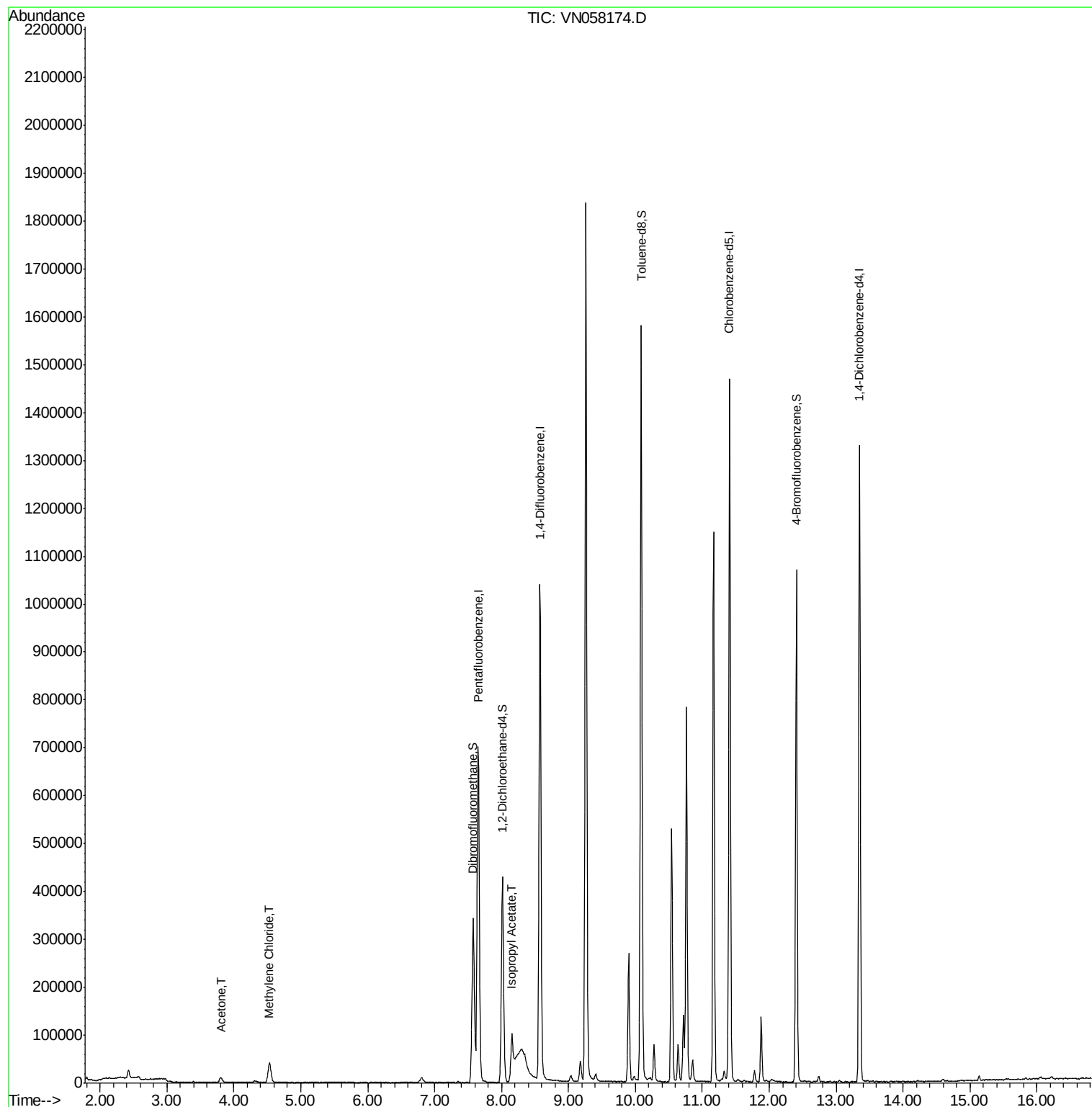
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	551529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	902517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	792519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	372433	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.58	113	260150	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.08	98	1084502	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.41	95	357521	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
16) Acetone	3.80	43	19500	7.478	ug/l	100
20) Methylene Chloride	4.54	84	30084	6.396	ug/l	95
43) Isopropyl Acetate	8.16	43	136596	10.828	ug/l #	84

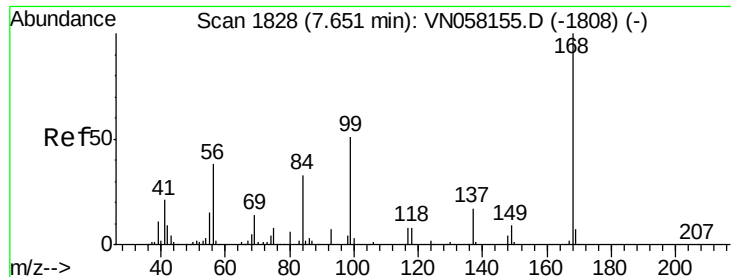
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 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: VN058174.D

Acq: 18 Sep 2019 19:49

Instrument :

MSVOA_N

ClientSampled :

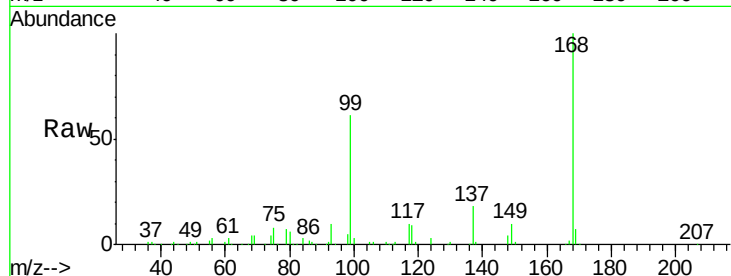
TP-1

Tot Ion:168 Resp: 551529

Ion Ratio Lower Upper

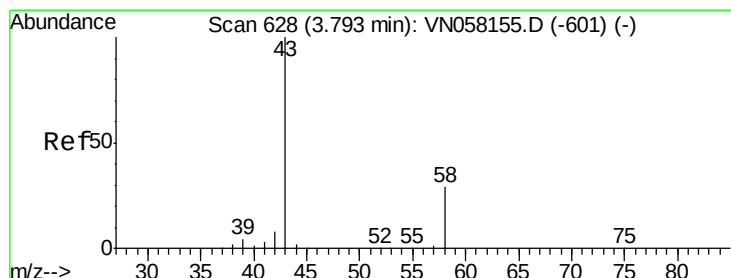
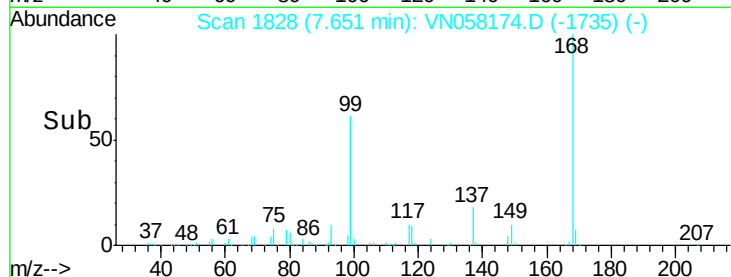
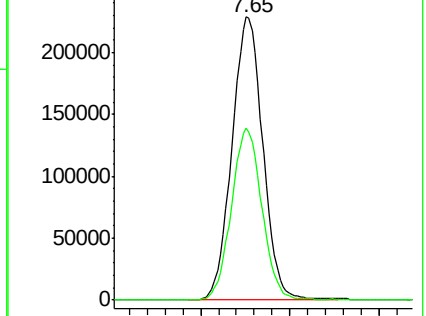
168 100

99 60.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.478 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058174.D

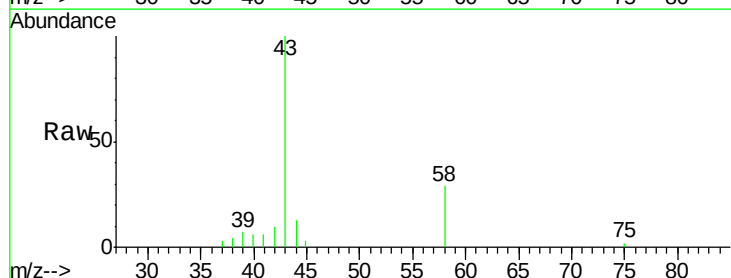
Acq: 18 Sep 2019 19:49

Tgt Ion: 43 Resp: 19500

Ion Ratio Lower Upper

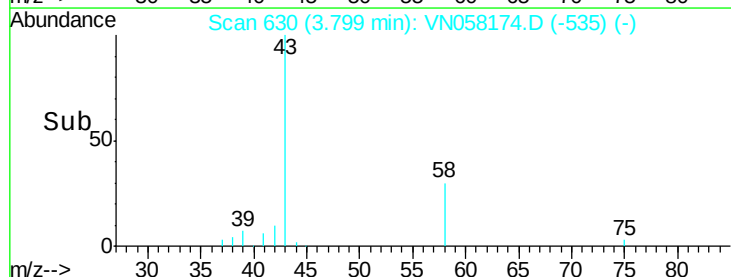
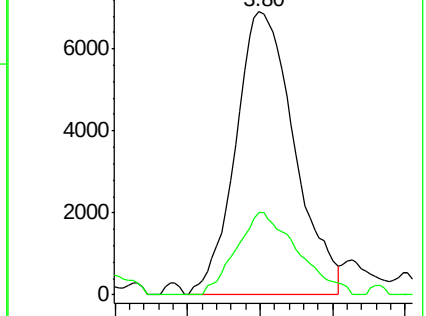
43 100

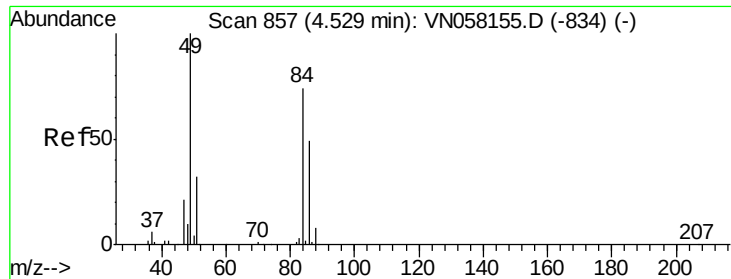
58 29.1 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

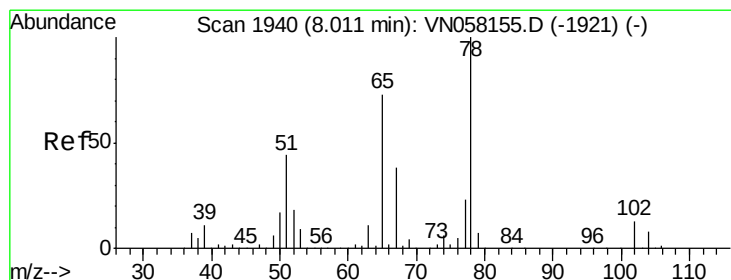
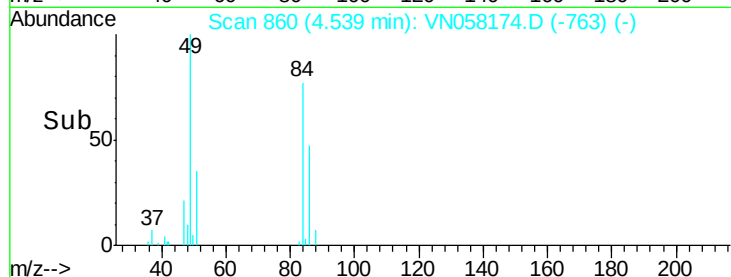
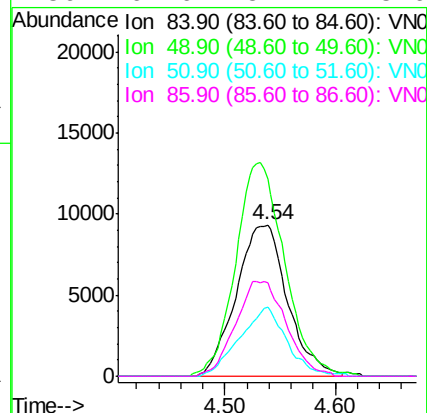
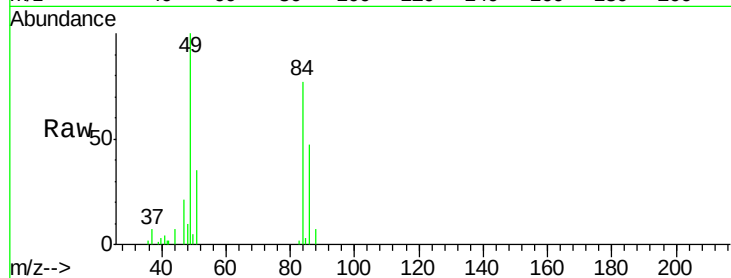




#20
Methylene Chloride
Concen: 6.396 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN058174.D
Acq: 18 Sep 2019 19:49

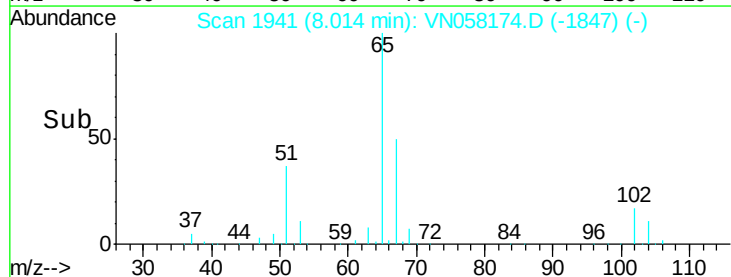
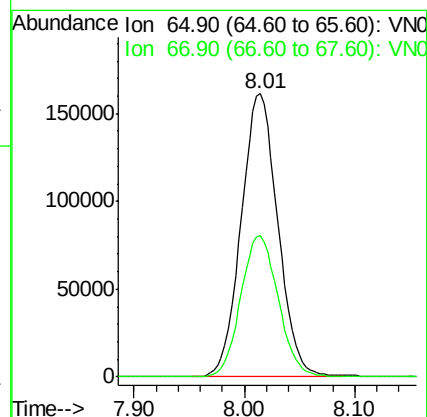
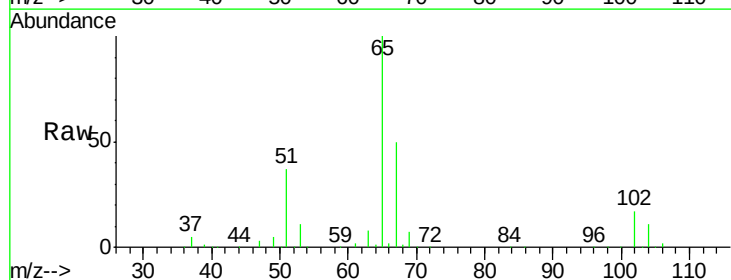
Instrument :
MSVOA_N
ClientSampleId :
TP-1

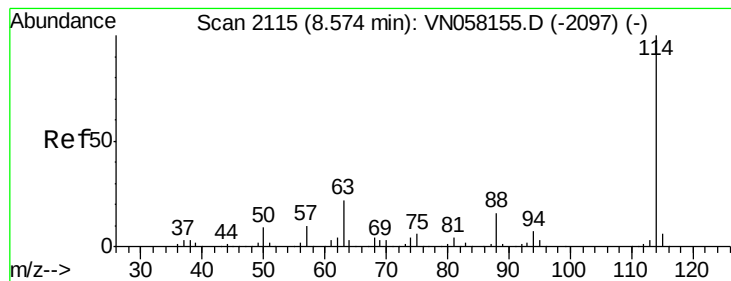
Tot Ion: 84 Resp: 30084
Ion Ratio Lower Upper
84 100
49 128.3 107.5 161.3
51 45.6 33.9 50.9
86 61.6 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 48.483 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058174.D
Acq: 18 Sep 2019 19:49

Tgt Ion: 65 Resp: 372433
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058174.D

Acq: 18 Sep 2019 19:49

Instrument :

MSVOA_N

ClientSampled :

TP-1

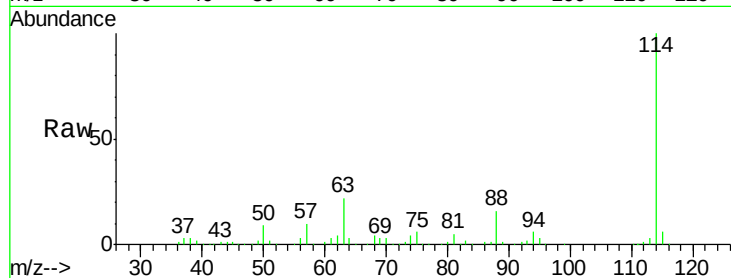
Tot Ion:114 Resp: 902517

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

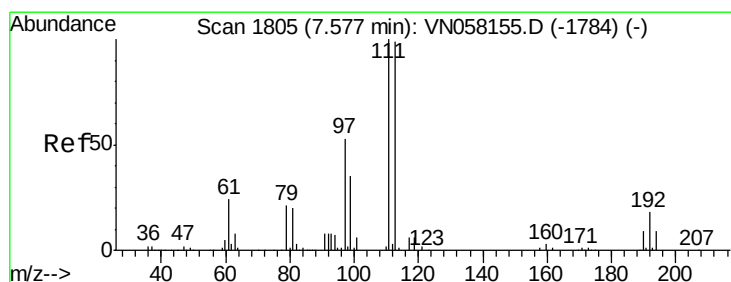
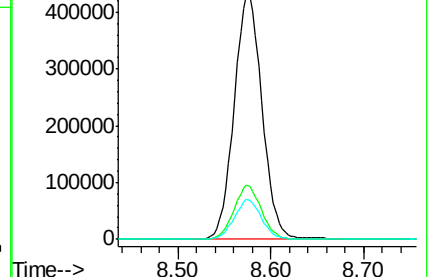
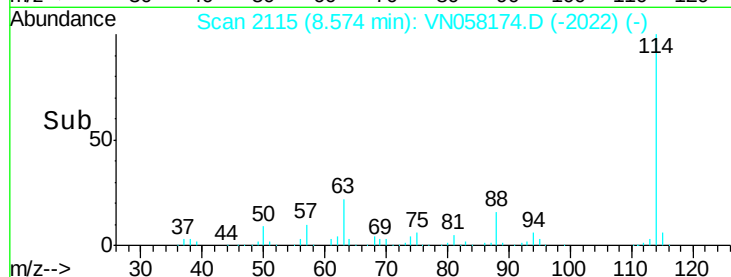
88 16.2 0.0 31.6



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: 47.416 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058174.D

Acq: 18 Sep 2019 19:49

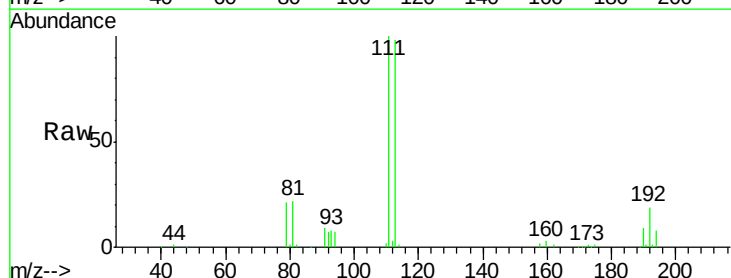
Tgt Ion:113 Resp: 260150

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

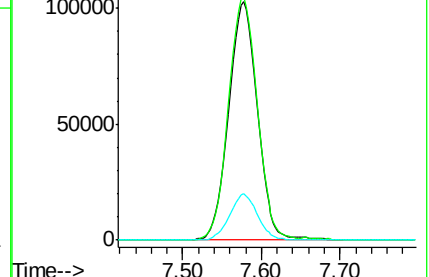
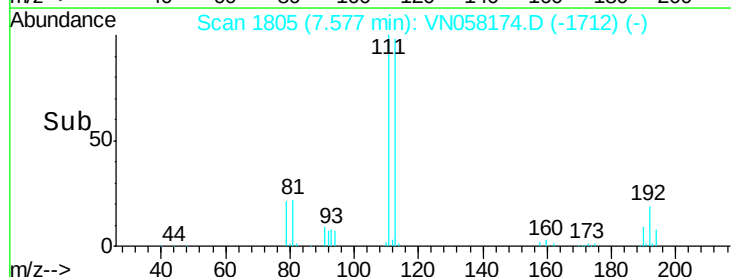
192 18.6 14.5 21.7

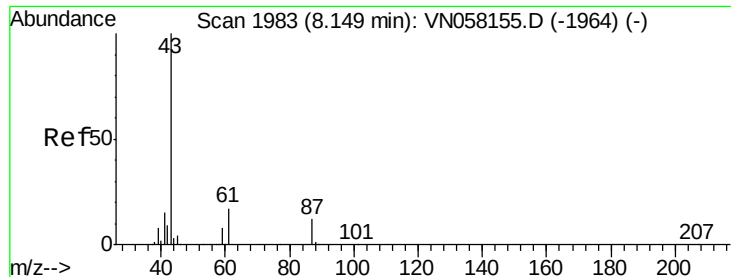


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.828 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058174.D

Acq: 18 Sep 2019 19:49

Instrument :

MSVOA_N

ClientSampled :

TP-1

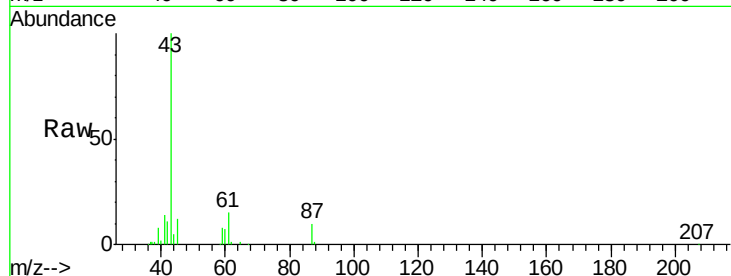
Tot Ion: 43 Resp: 136596

Ion Ratio Lower Upper

43 100

61 14.6 19.7 29.5#

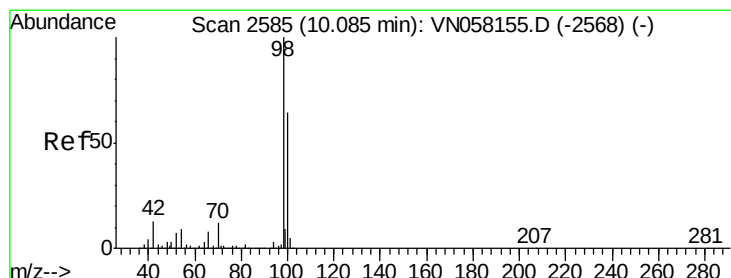
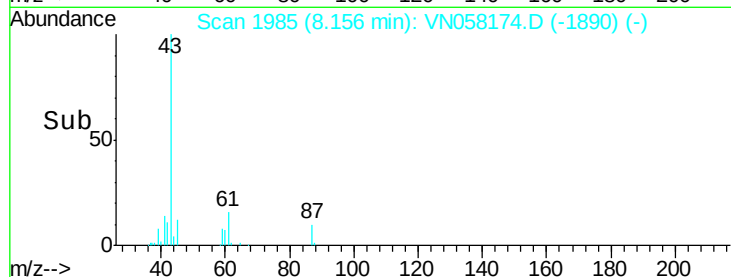
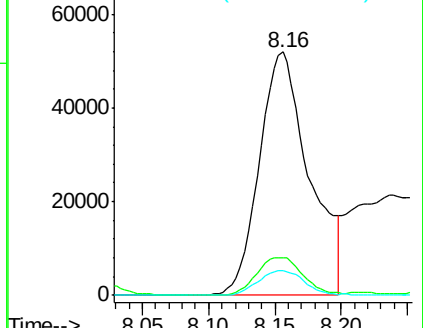
87 9.3 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)



#50

Toluene-d8

Concen: 50.733 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058174.D

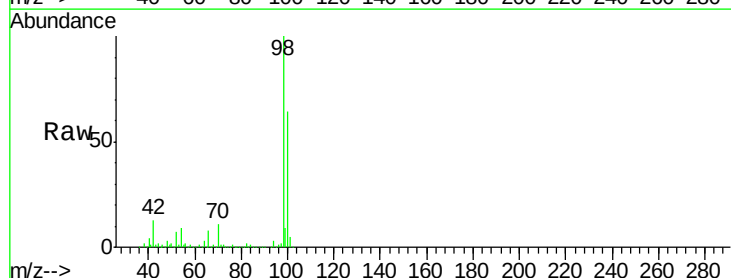
Acq: 18 Sep 2019 19:49

Tgt Ion: 98 Resp: 1084502

Ion Ratio Lower Upper

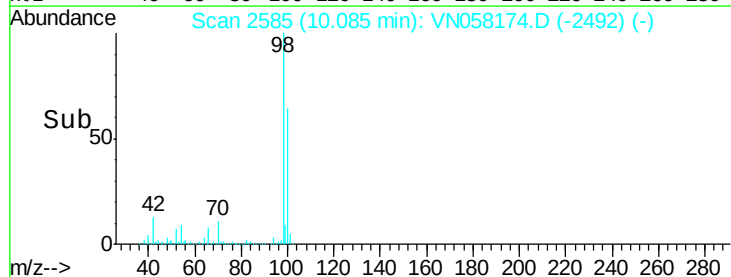
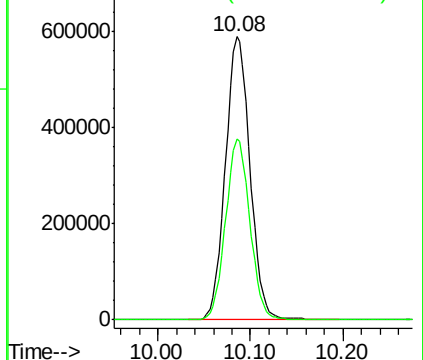
98 100

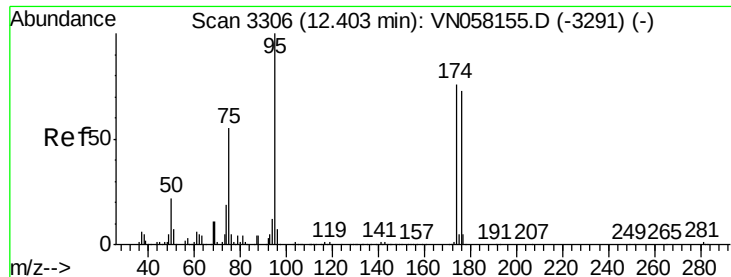
100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058155.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058155.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 45.024 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058174.D

Acq: 18 Sep 2019 19:49

Instrument :

MSVOA_N

ClientSampled :

TP-1

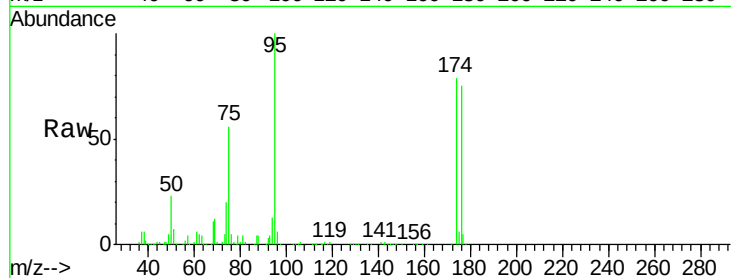
Tot Ion: 95 Resp: 357521

Ion Ratio Lower Upper

95 100

174 77.2 0.0 152.2

176 73.4 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)

12.41

250000

200000

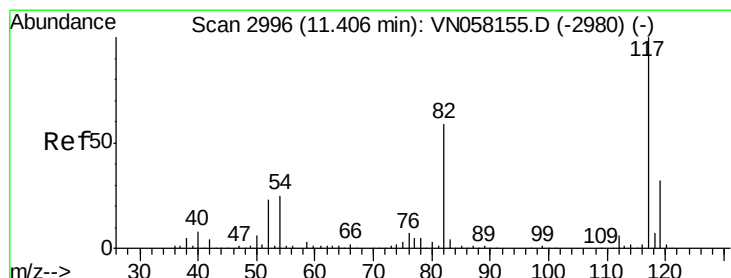
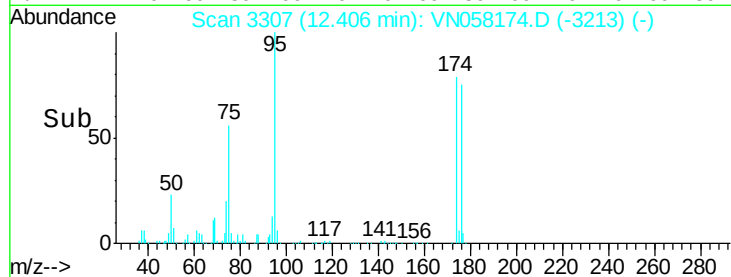
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058174.D

Acq: 18 Sep 2019 19:49

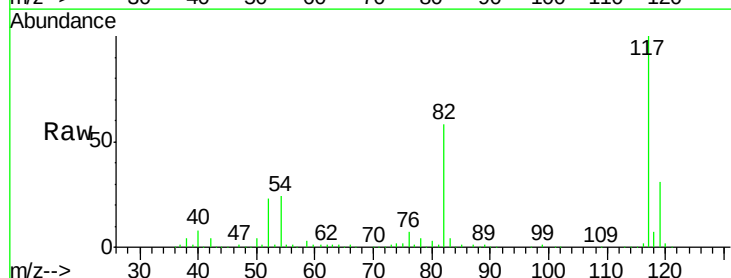
Tgt Ion: 117 Resp: 792519

Ion Ratio Lower Upper

117 100

82 57.8 46.9 70.3

119 31.3 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)

11.41

600000

500000

400000

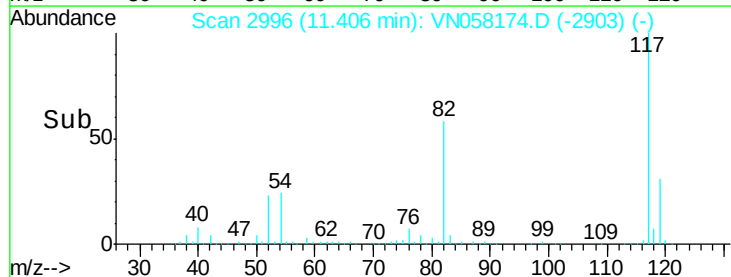
300000

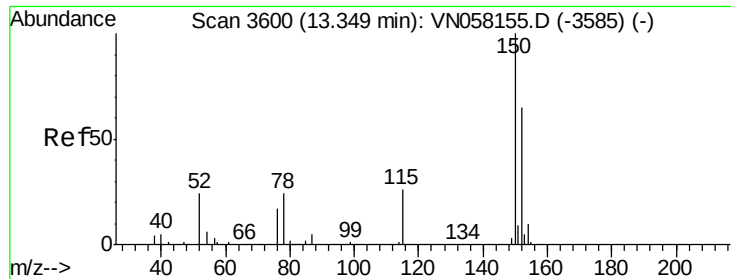
200000

100000

0

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: VN058174.D

Acq: 18 Sep 2019 19:49

Instrument :

MSVOA_N

ClientSampleId :

TP-1

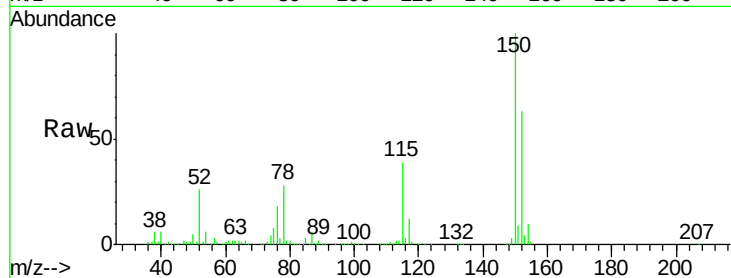
Tot Ion:152 Resp: 333815

Ion Ratio Lower Upper

152 100

115 61.9 30.1 90.3

150 158.9 0.0 346.4



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

