

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057719.D
 Acq On : 6 Sep 2019 17:53
 Operator : JC/SP
 Sample : K4579-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-B2-(3.5)

Quant Time: Sep 06 23:46:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

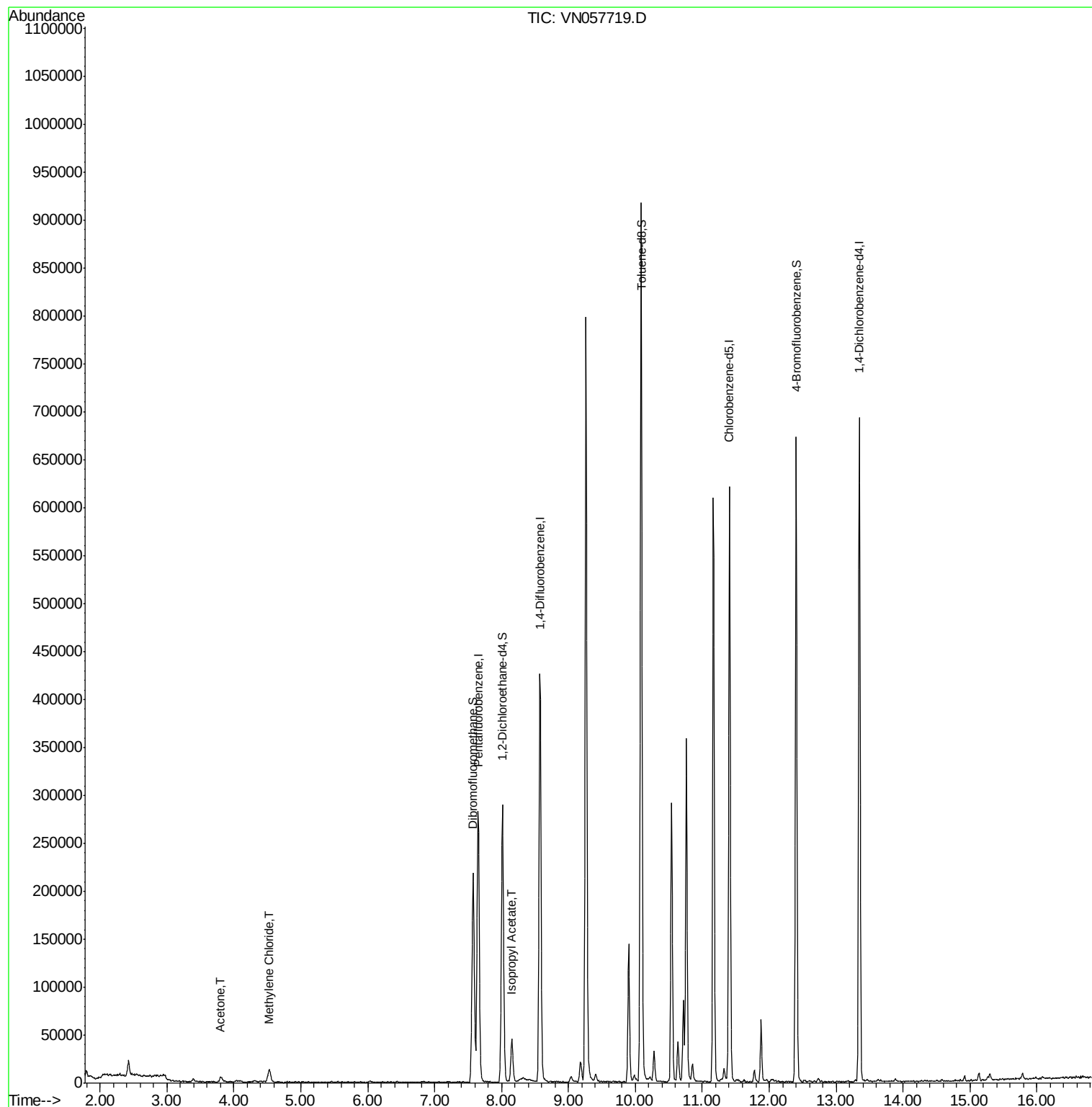
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	201208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	337775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	303945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	253836	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	7.58	113	155565	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.09	98	588830	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	219372	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
16) Acetone	3.80	43	8626	5.727	ug/l	96
20) Methylene Chloride	4.53	84	8427	2.587	ug/l #	83
43) Isopropyl Acetate	8.16	43	55104	6.435	ug/l	98

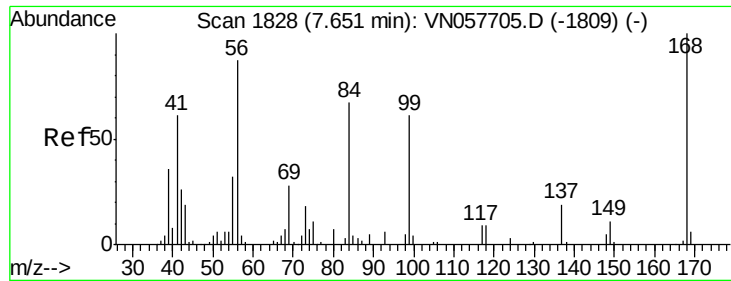
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057719.D

Acq: 6 Sep 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

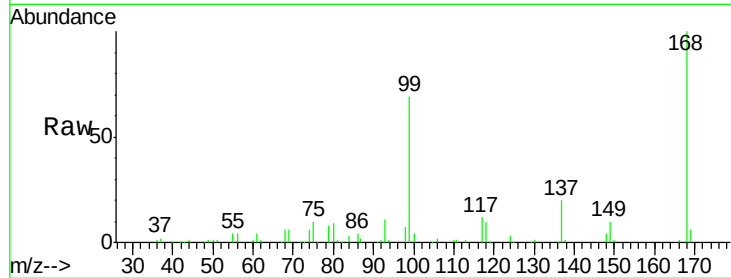
PAR-12-B2-(3.5)

Tot Ion:168 Resp: 201208

Ion Ratio Lower Upper

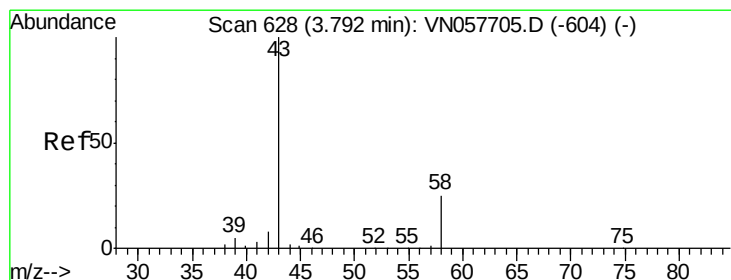
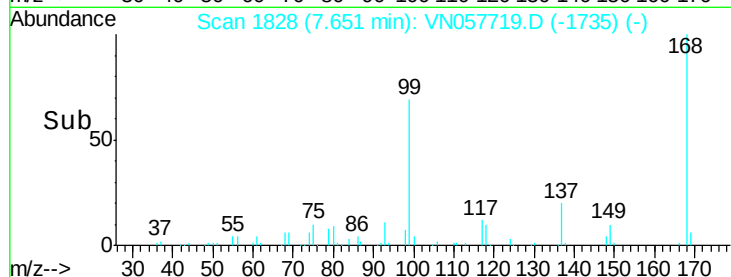
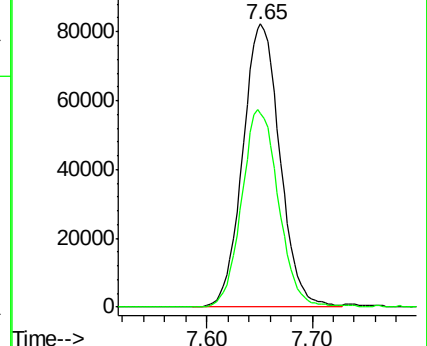
168 100

99 68.7 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.727 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057719.D

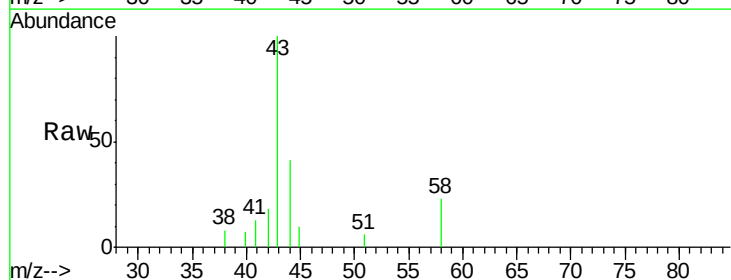
Acq: 6 Sep 2019 17:53

Tgt Ion: 43 Resp: 8626

Ion Ratio Lower Upper

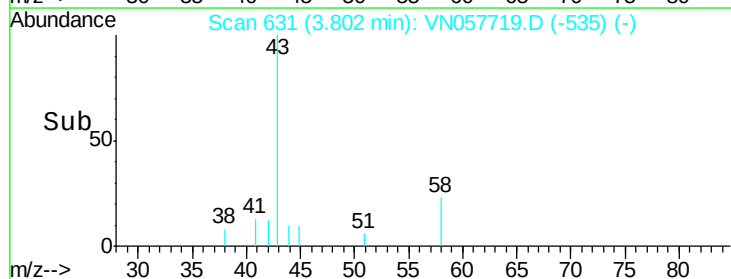
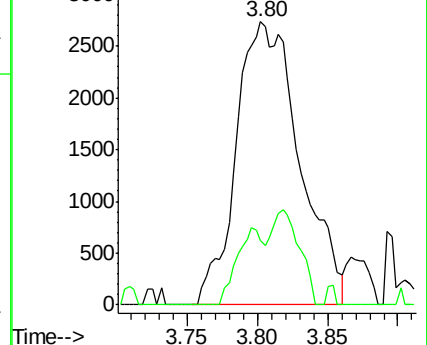
43 100

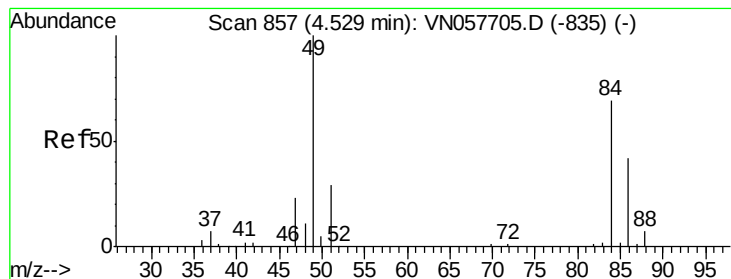
58 22.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.587 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN057719.D

Acq: 6 Sep 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-B2-(3.5)

Tot Ion: 84 Resp: 8427

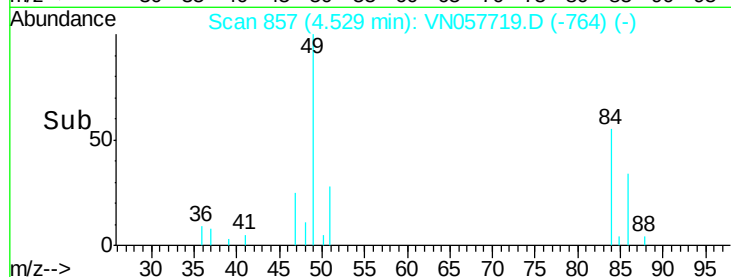
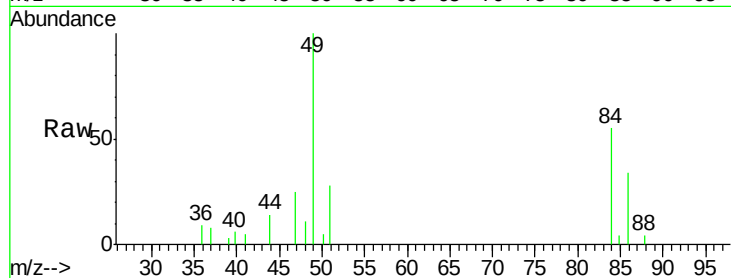
Ion Ratio Lower Upper

84 100

49 173.6 115.0 172.6#

51 50.9 33.8 50.8#

86 61.3 48.2 72.2

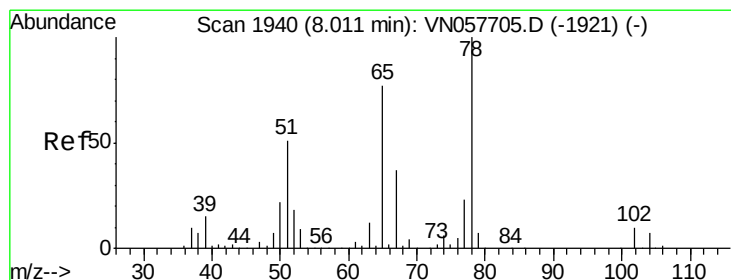
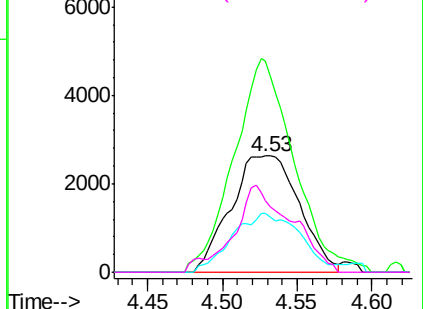


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.859 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057719.D

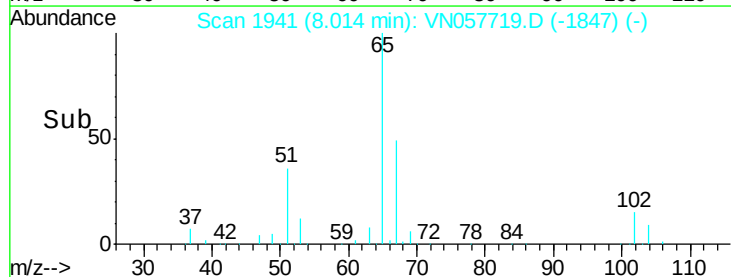
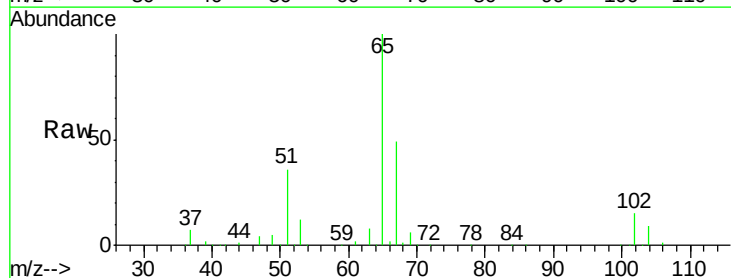
Acq: 6 Sep 2019 17:53

Tgt Ion: 65 Resp: 253836

Ion Ratio Lower Upper

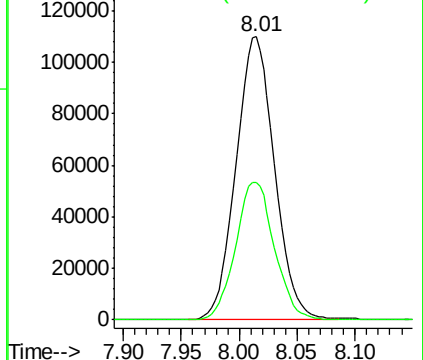
65 100

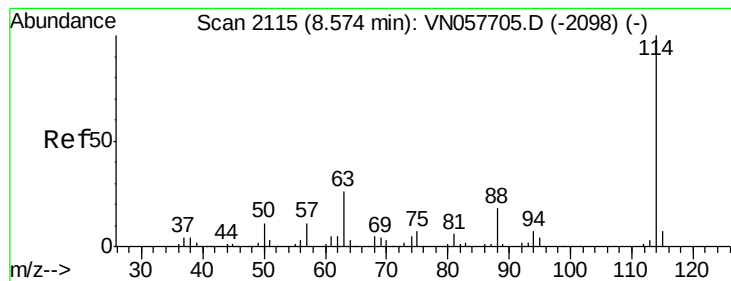
67 49.0 0.0 98.2



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: VN057719.D

Acq: 6 Sep 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-B2-(3.5)

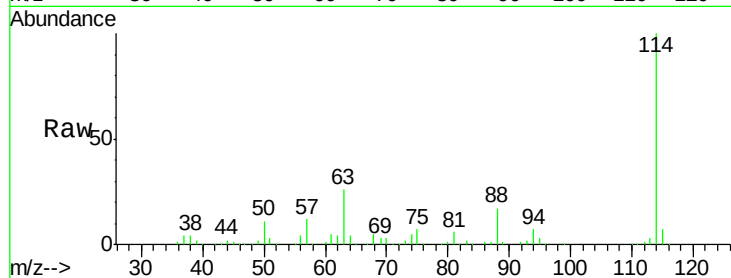
Tot Ion:114 Resp: 337775

Ion Ratio Lower Upper

114 100

63 25.7 0.0 52.4

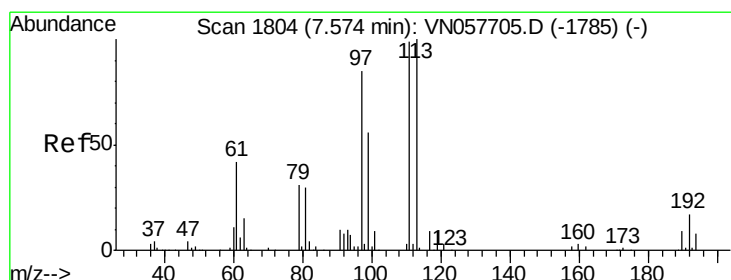
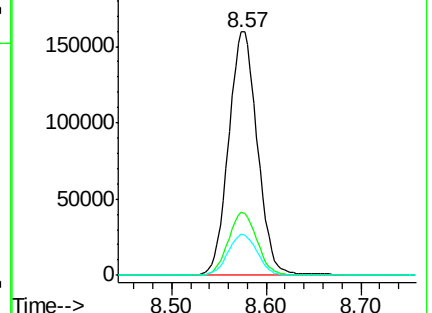
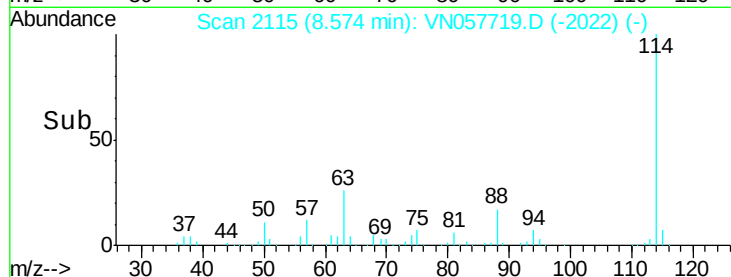
88 16.7 0.0 35.4



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: 50.564 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057719.D

Acq: 6 Sep 2019 17:53

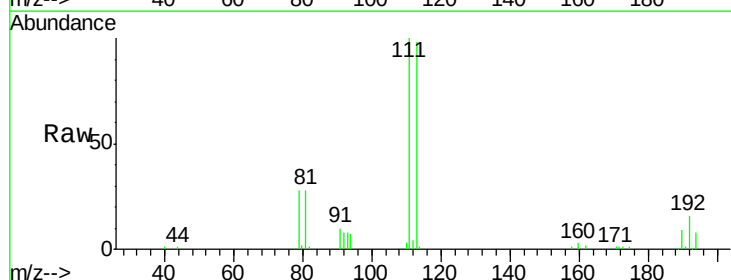
Tgt Ion:113 Resp: 155565

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

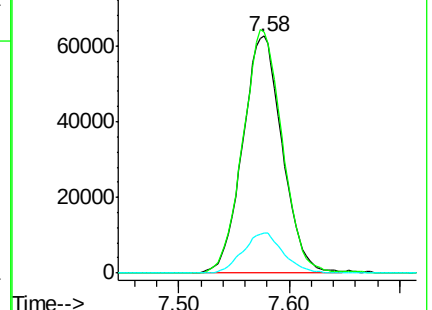
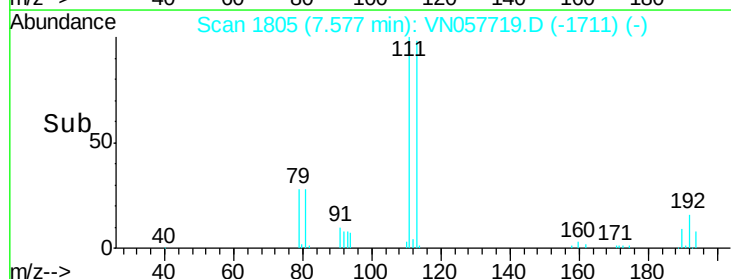
192 17.2 13.8 20.6

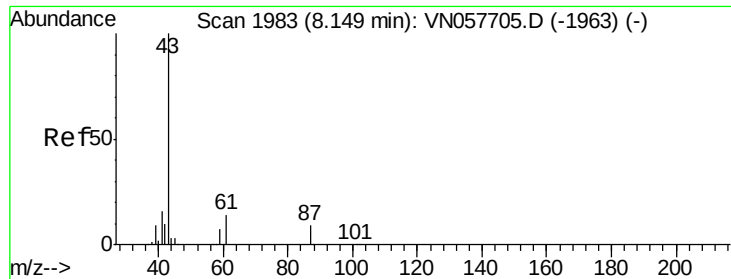


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.435 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN057719.D

Acq: 6 Sep 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-B2-(3.5)

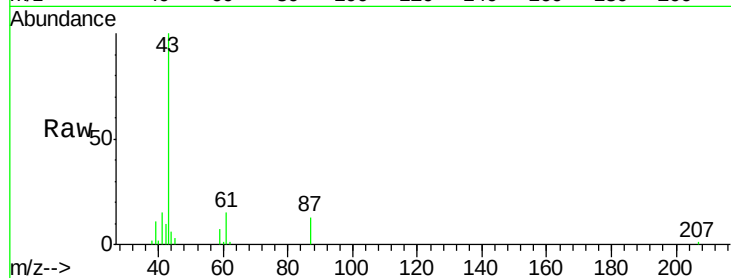
Tot Ion: 43 Resp: 55104

Ion Ratio Lower Upper

43 100

61 16.2 12.8 19.2

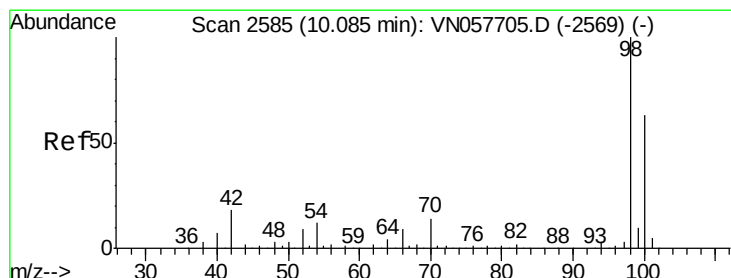
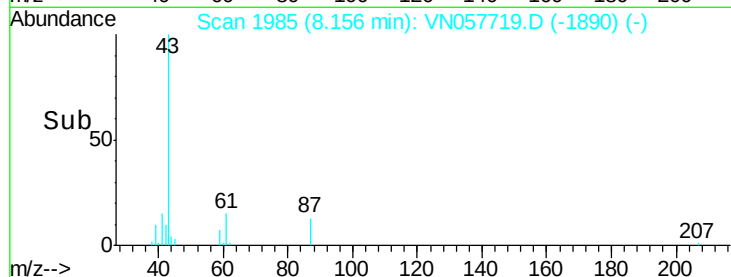
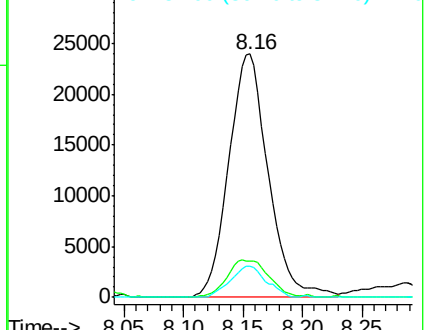
87 11.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)



#50

Toluene-d8

Concen: 51.737 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057719.D

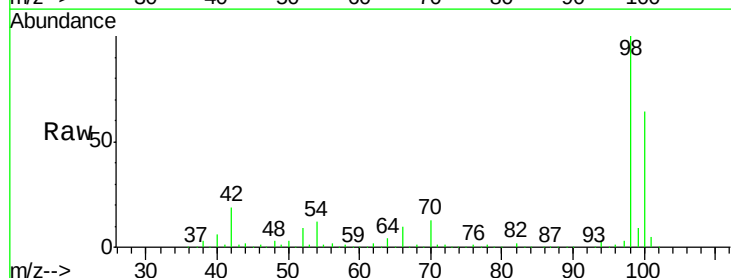
Acq: 6 Sep 2019 17:53

Tgt Ion: 98 Resp: 588830

Ion Ratio Lower Upper

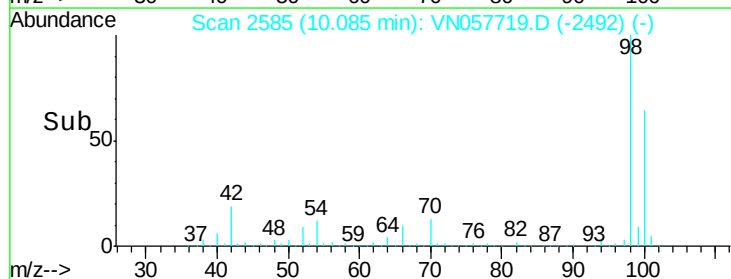
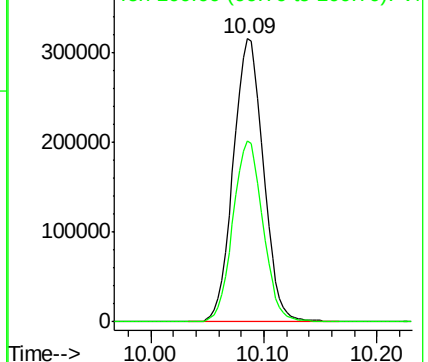
98 100

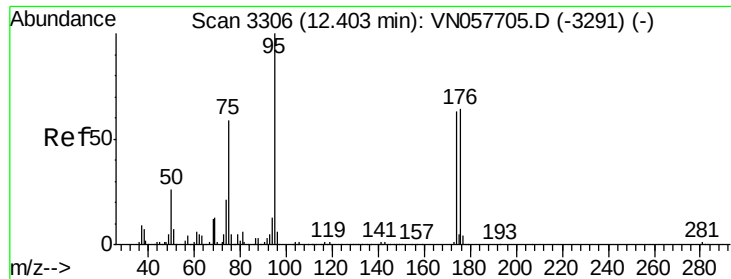
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)





#62

4-Bromofluorobenzene

Concen: 46.406 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057719.D

Acq: 6 Sep 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-B2-(3.5)

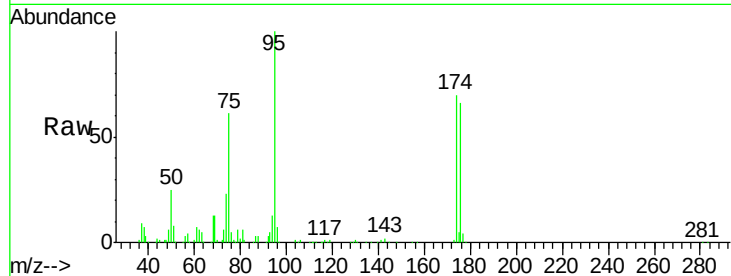
Tot Ion: 95 Resp: 219372

Ion Ratio Lower Upper

95 100

174 68.0 0.0 128.0

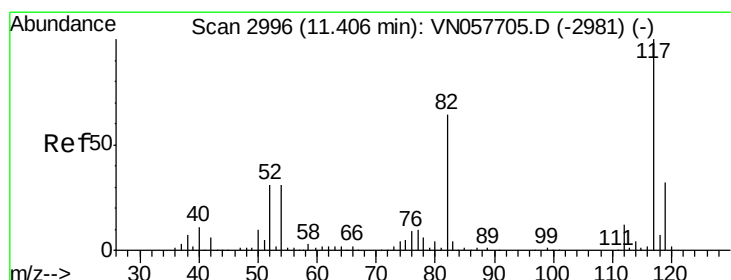
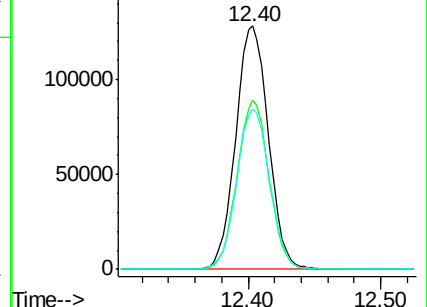
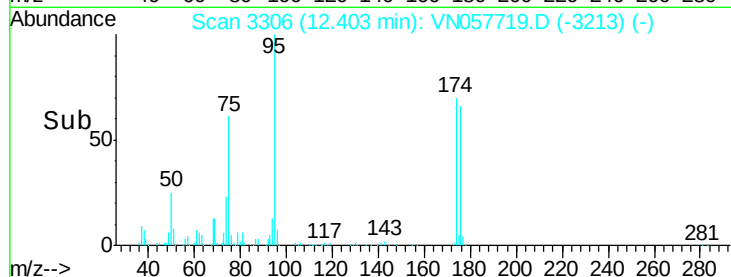
176 66.8 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057719.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057719.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057719.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057719.D

Acq: 6 Sep 2019 17:53

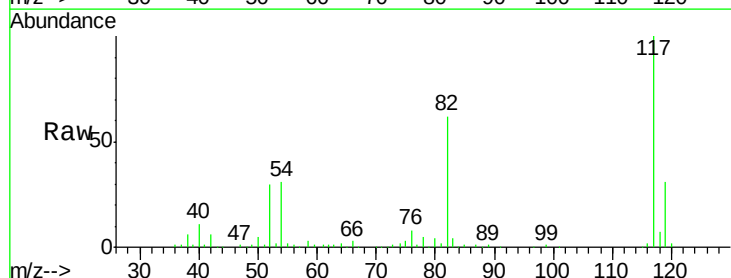
Tgt Ion: 117 Resp: 303945

Ion Ratio Lower Upper

117 100

82 62.2 51.4 77.0

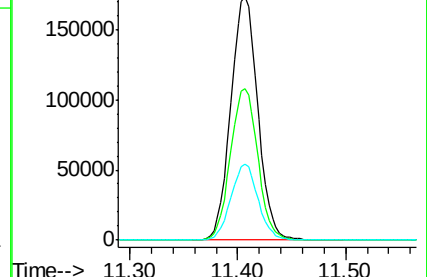
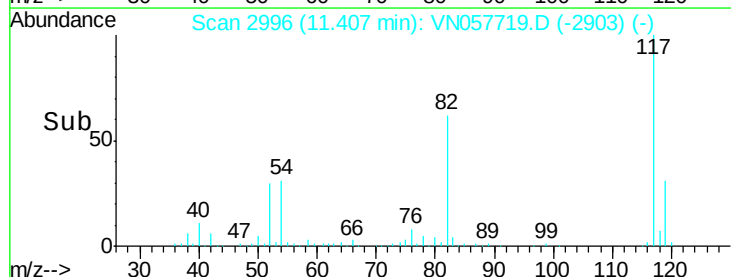
119 31.4 25.4 38.2

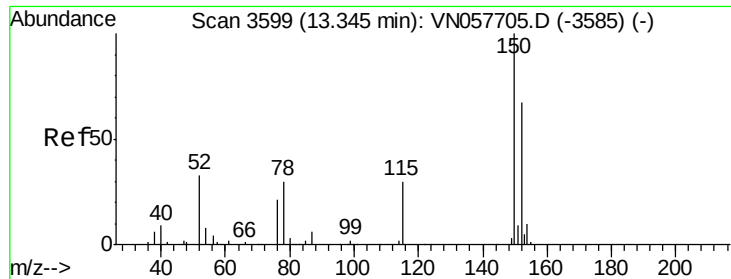


Abundance Ion 116.90 (116.60 to 117.60): VN057719.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057719.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057719.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057719.D

Acq: 6 Sep 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-B2-(3.5)

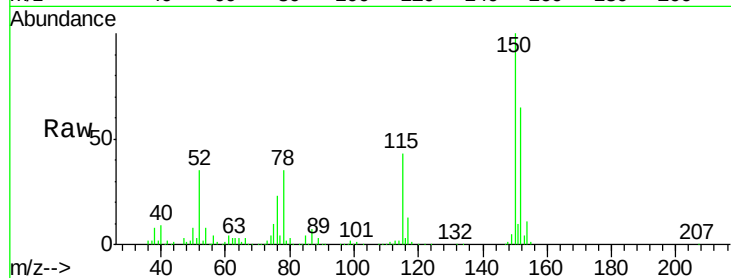
Tot Ion:152 Resp: 153777

Ion Ratio Lower Upper

152 100

115 66.6 33.8 101.3

150 156.9 0.0 345.4



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

