

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057563.D
 Acq On : 29 Aug 2019 21:18
 Operator : JC/SP
 Sample : K4528-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S3-(0)

Quant Time: Aug 30 14:05:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

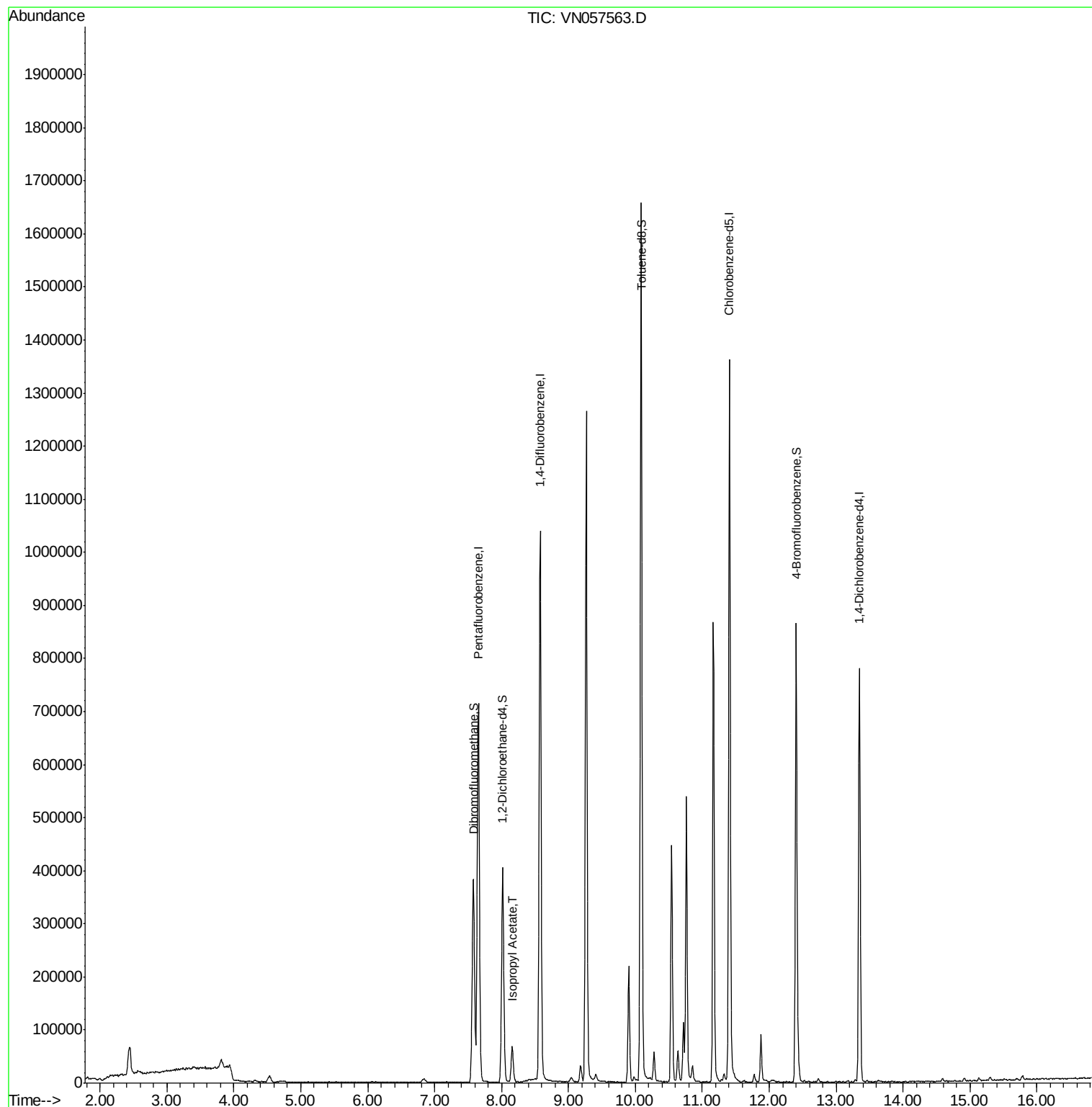
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	584700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	944150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	841849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	352445	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.66%	
35) Dibromofluoromethane	7.58	113	283267	34.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.12%	
50) Toluene-d8	10.09	98	1170707	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
62) 4-Bromofluorobenzene	12.40	95	313390	30.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.84%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	81768	6.474	ug/l #	95

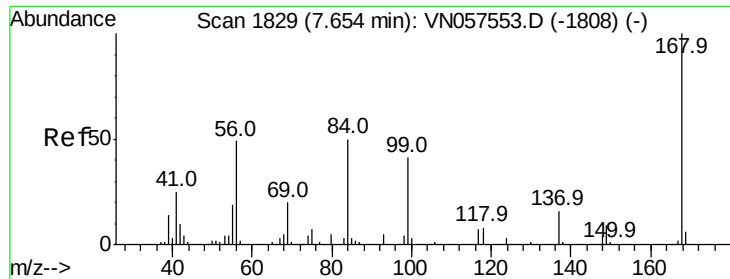
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 30 08:56:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

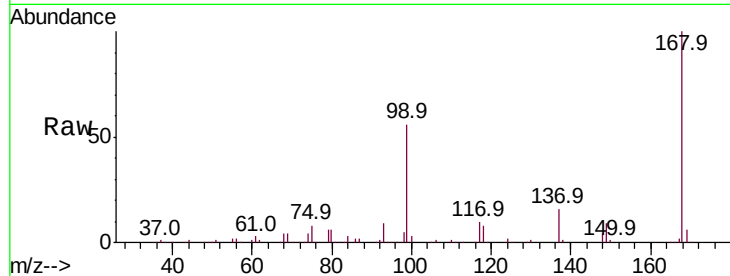
T9-12-13-S3-(0)

Tot Ion:168 Resp: 584700

Ion Ratio Lower Upper

168 100

99 56.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

250000

200000

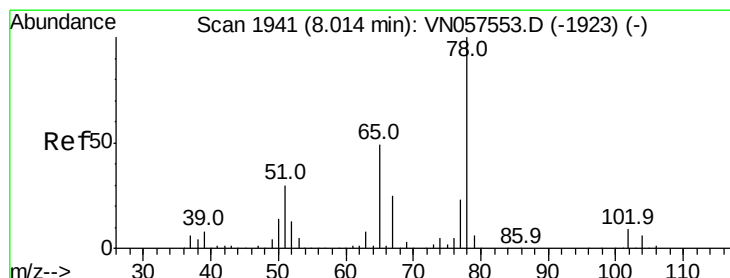
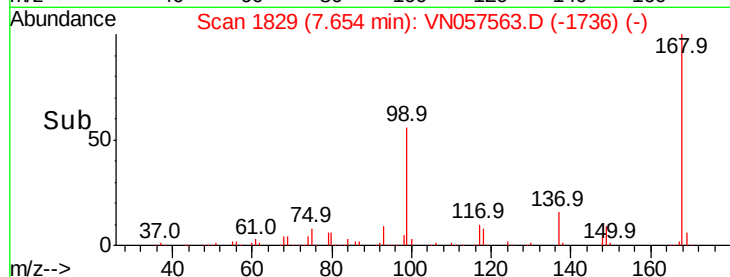
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.332 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057563.D

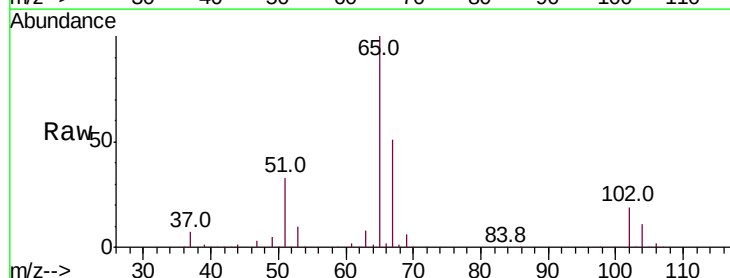
Acq: 29 Aug 2019 21:18

Tgt Ion: 65 Resp: 352445

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

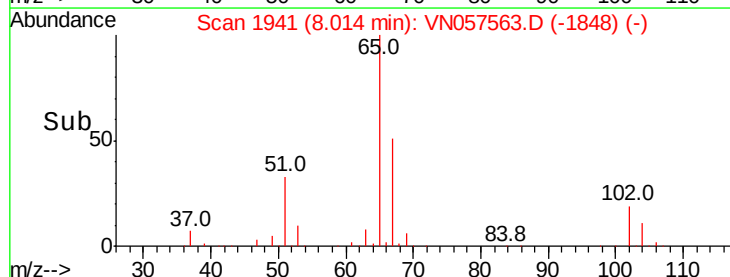
150000

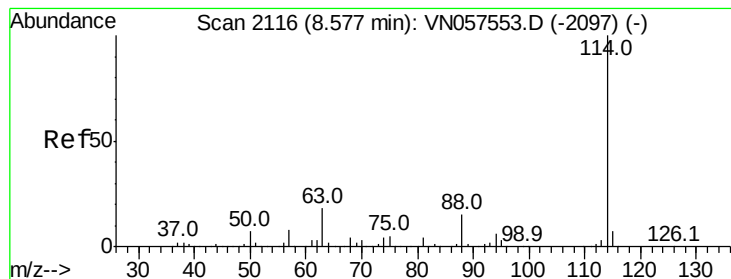
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057563.D

Acq: 29 Aug 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S3-(0)

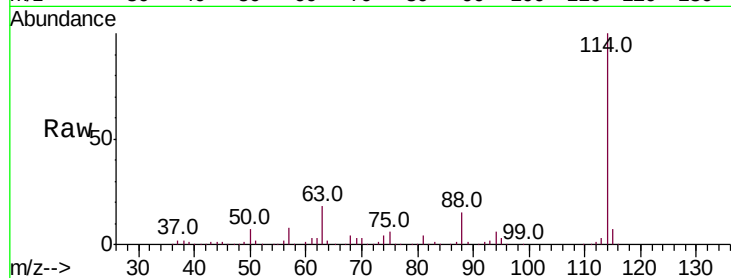
Tot Ion:114 Resp: 944150

Ion Ratio Lower Upper

114 100

63 18.5 0.0 50.2

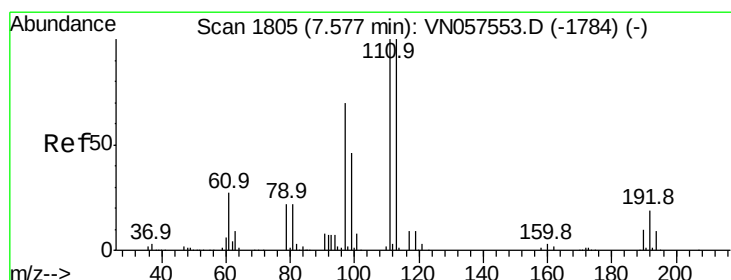
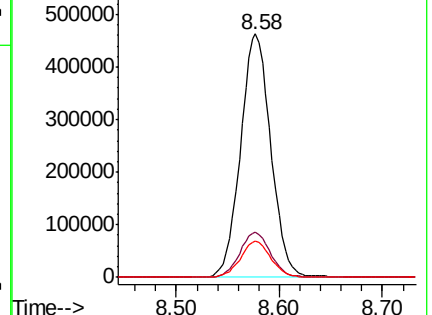
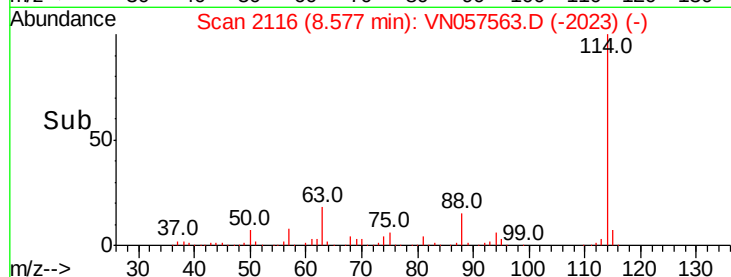
88 14.7 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 34.563 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057563.D

Acq: 29 Aug 2019 21:18

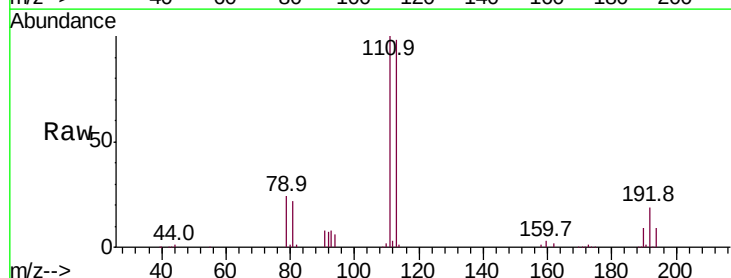
Tgt Ion:113 Resp: 283267

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

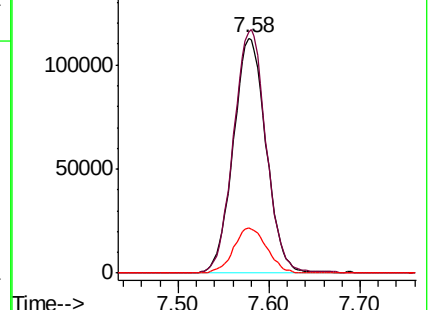
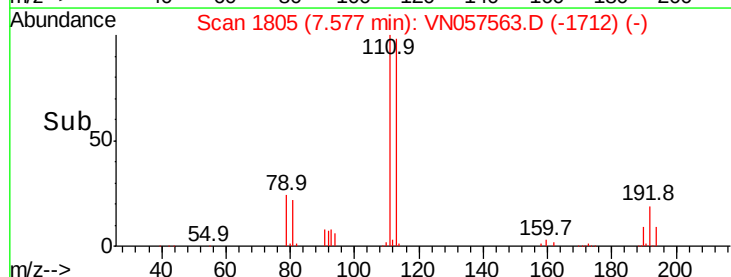
192 19.3 13.5 20.3

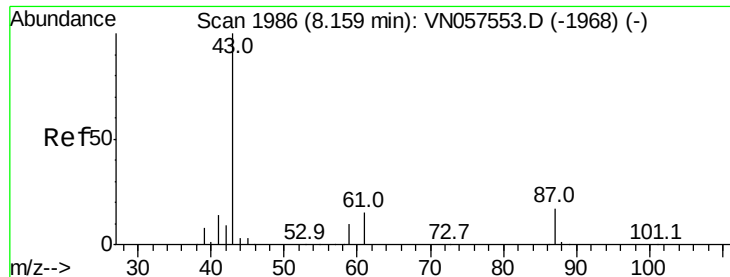


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.474 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057563.D

Acq: 29 Aug 2019 21:18

Instrument :

MSVOA_N

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T9-12-13-S3-(0)

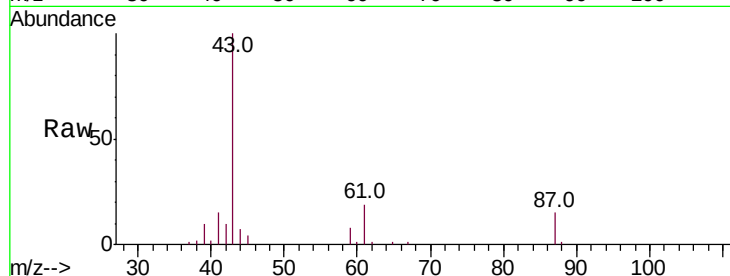
Tot Ion: 43 Resp: 81768

Ion Ratio Lower Upper

43 100

61 19.0 14.5 21.7

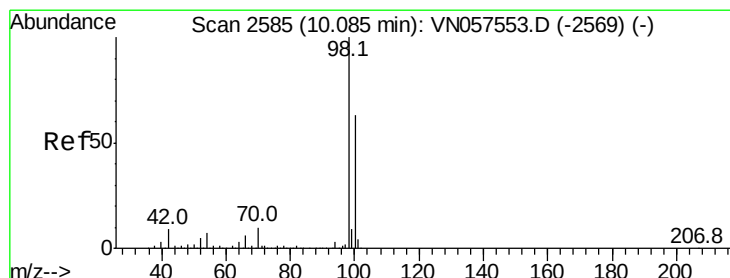
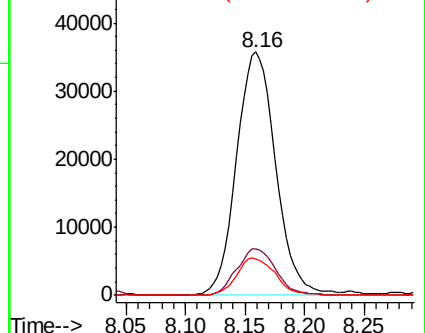
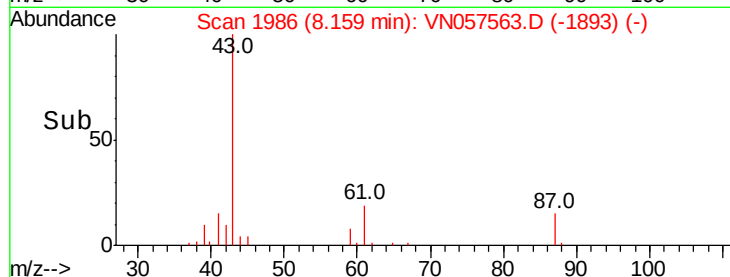
87 14.9 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 39.084 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057563.D

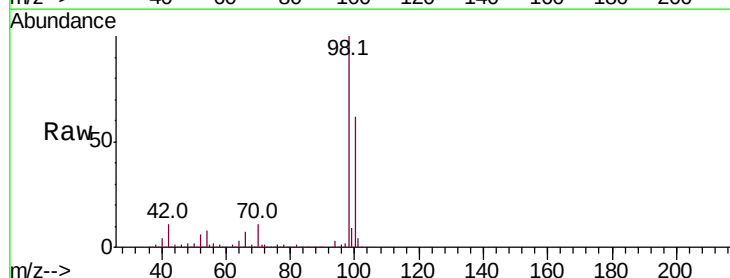
Acq: 29 Aug 2019 21:18

Tgt Ion: 98 Resp: 1170707

Ion Ratio Lower Upper

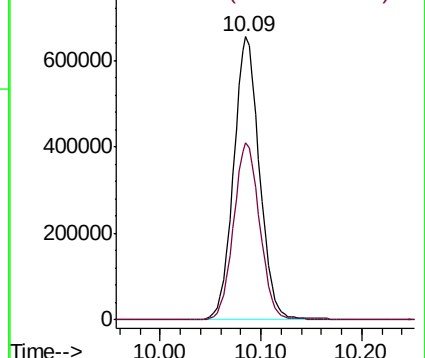
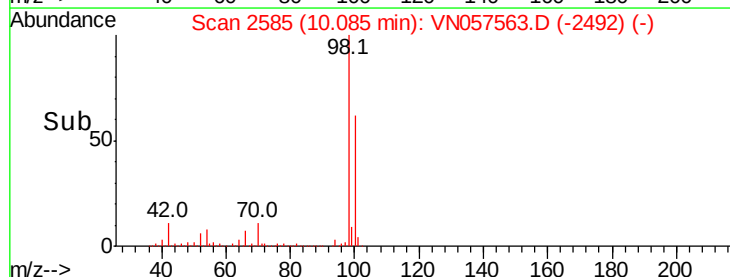
98 100

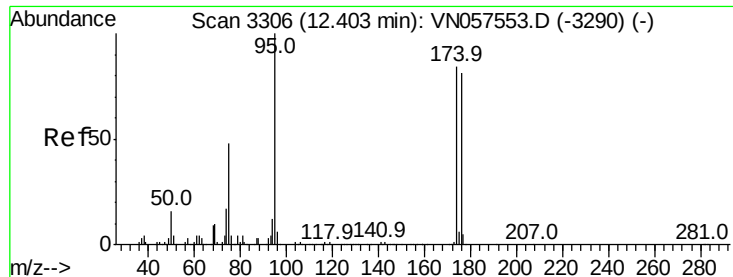
100 63.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 30.919 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057563.D

Acq: 29 Aug 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S3-(0)

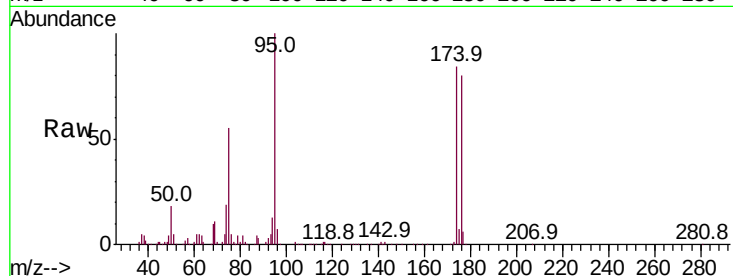
Tot Ion: 95 Resp: 313390

Ion Ratio Lower Upper

95 100

174 82.9 0.0 133.0

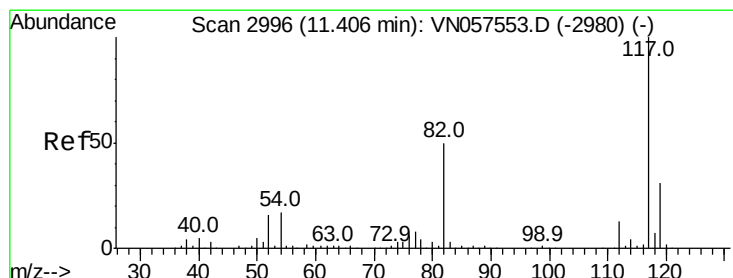
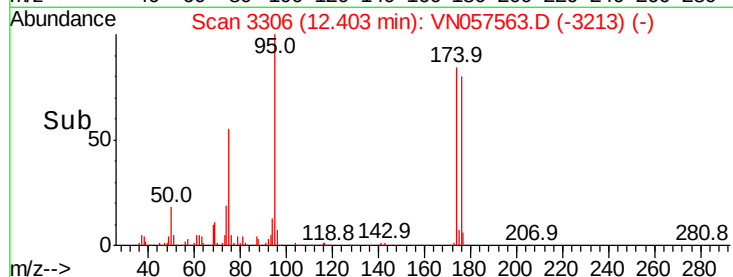
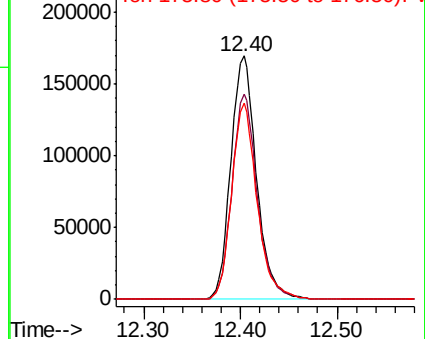
176 79.7 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057553.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057553.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057553.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057563.D

Acq: 29 Aug 2019 21:18

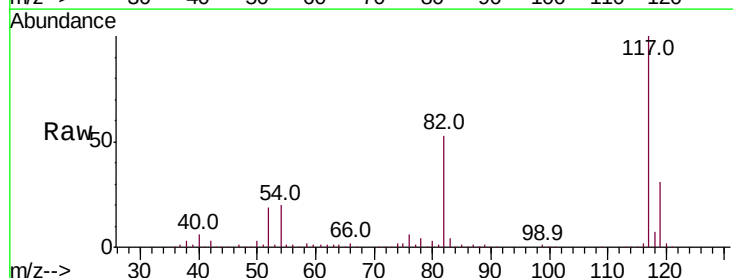
Tgt Ion: 117 Resp: 841849

Ion Ratio Lower Upper

117 100

82 52.7 50.6 75.8

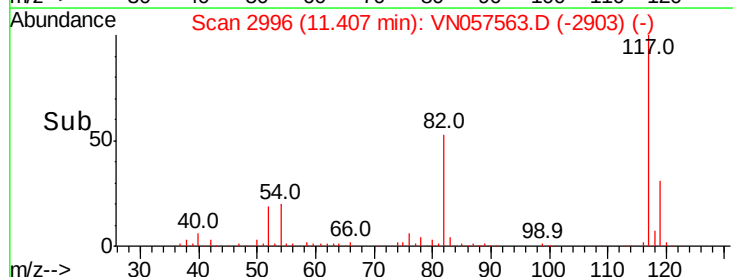
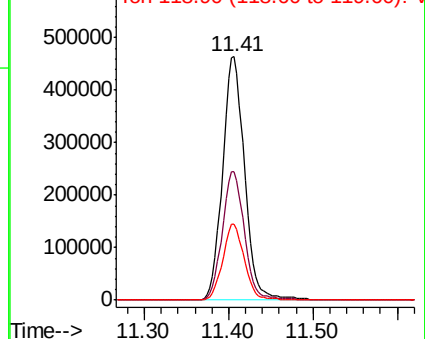
119 31.1 24.6 36.8

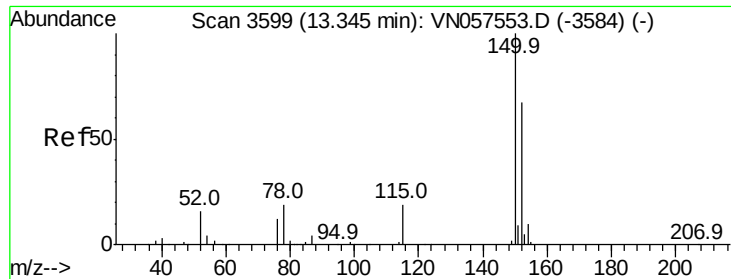


Abundance Ion 116.90 (116.60 to 117.60): VN057553.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057553.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057553.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057563.D

Acq: 29 Aug 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S3-(0)

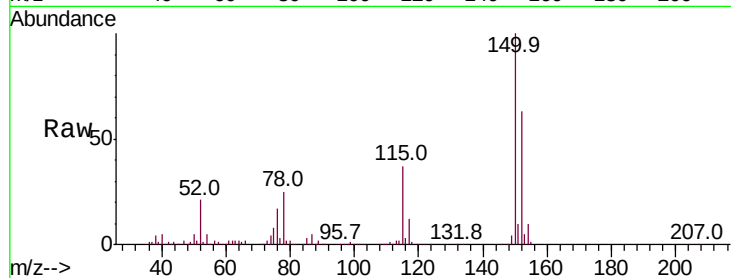
Tot Ion:152 Resp: 220653

Ion Ratio Lower Upper

152 100

115 58.2 32.0 96.0

150 160.3 0.0 346.6



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

