

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057759.D
 Acq On : 7 Sep 2019 17:19
 Operator : JC/SP
 Sample : K4581-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D1-(0)

Quant Time: Sep 08 07:01:31 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

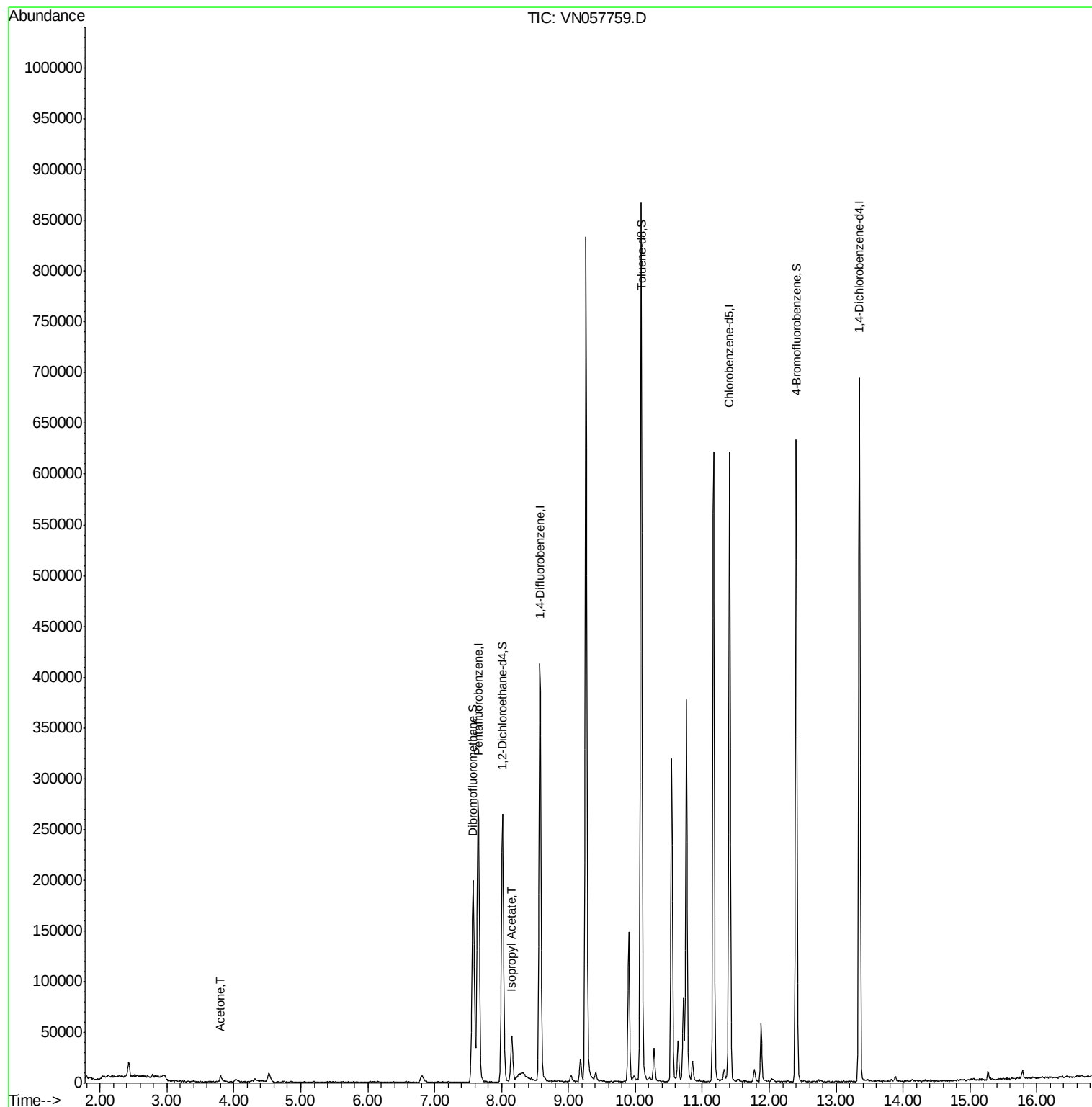
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	203830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	328729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	307578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	160627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	235678	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
35) Dibromofluoromethane	7.58	113	139469	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
50) Toluene-d8	10.08	98	543509	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	199353	43.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.66%	
Target Compounds						
16) Acetone	3.80	43	9021	5.912	ug/l	Qvalue 100
43) Isopropyl Acetate	8.15	43	53681	6.442	ug/l	96

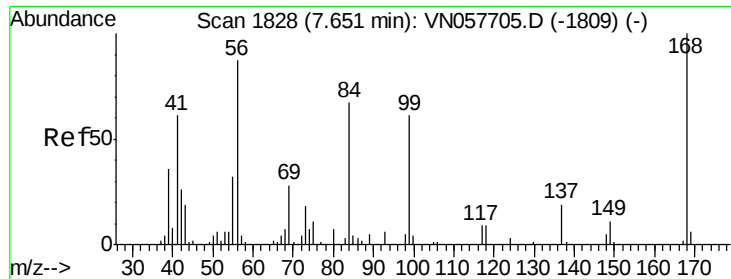
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057759.D

Acq: 7 Sep 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

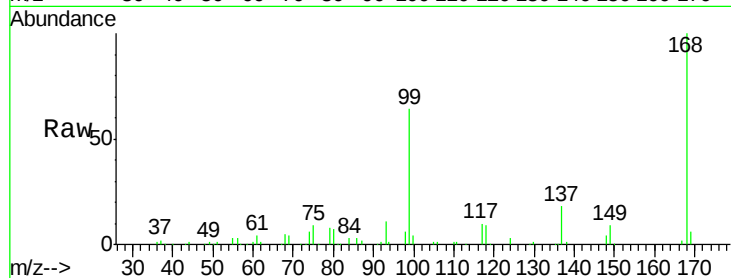
T12-D1-(0)

Tot Ion:168 Resp: 203830

Ion Ratio Lower Upper

168 100

99 64.1 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

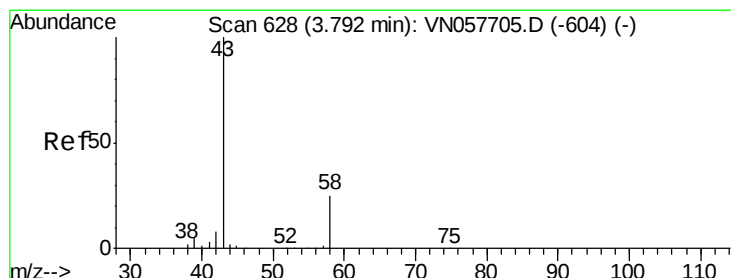
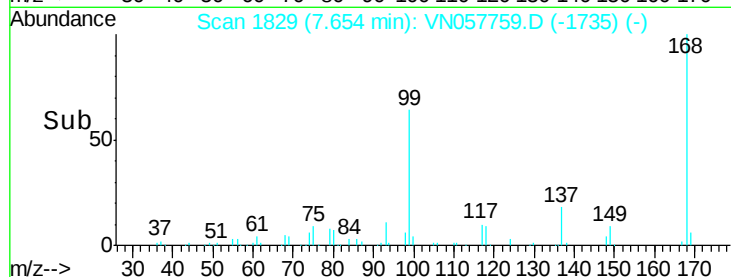
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.912 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN057759.D

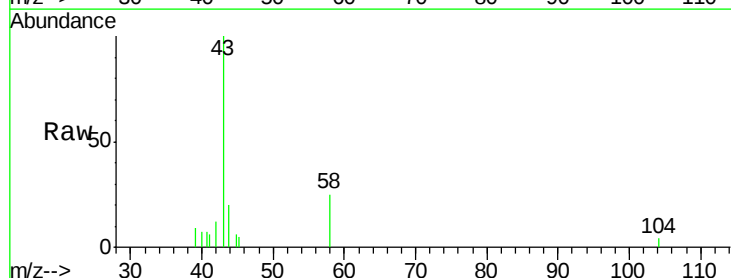
Acq: 7 Sep 2019 17:19

Tgt Ion: 43 Resp: 9021

Ion Ratio Lower Upper

43 100

58 24.7 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

4000

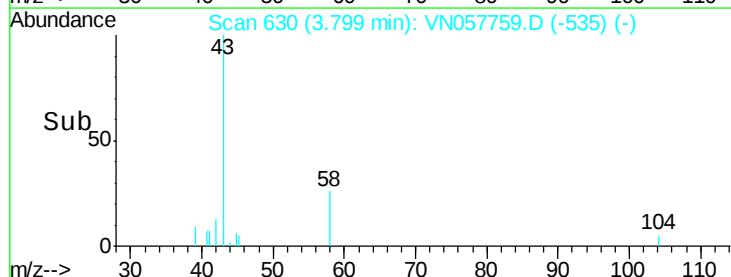
3000

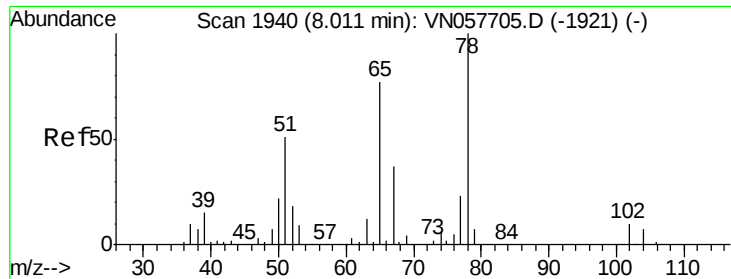
2000

1000

0

Time-->

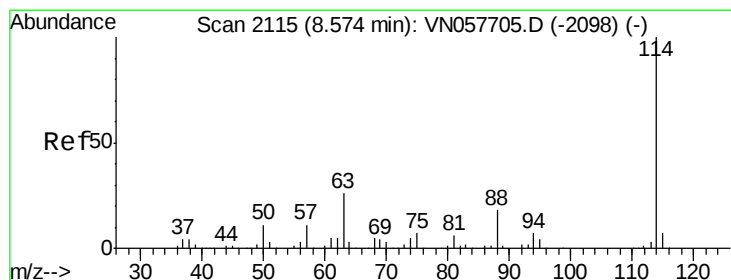
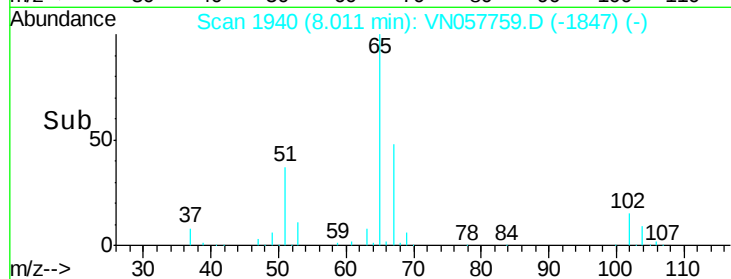
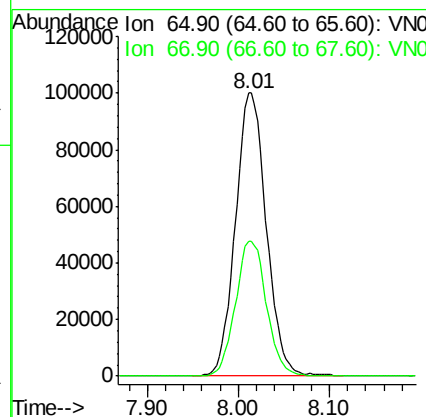
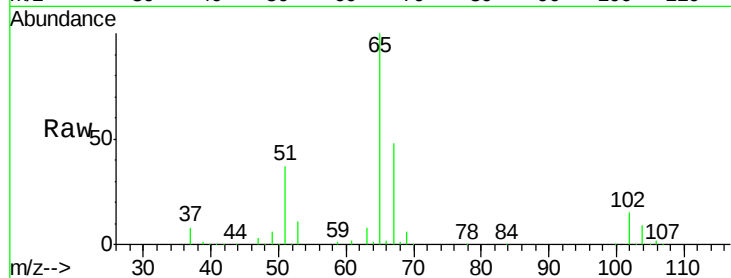




#33
 1,2-Dichloroethane-d4
 Concen: 47.530 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057759.D
 Acq: 7 Sep 2019 17:19

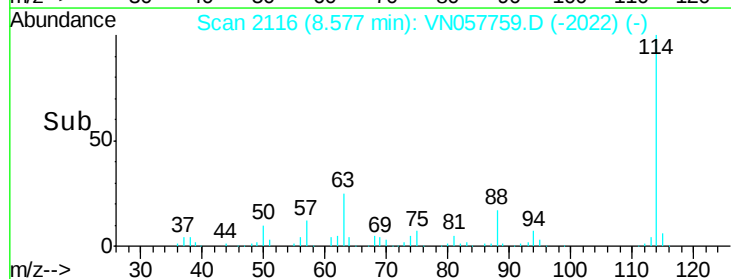
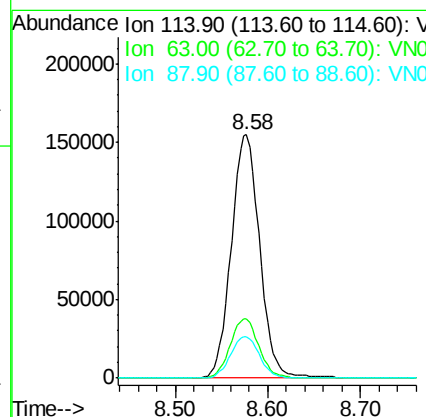
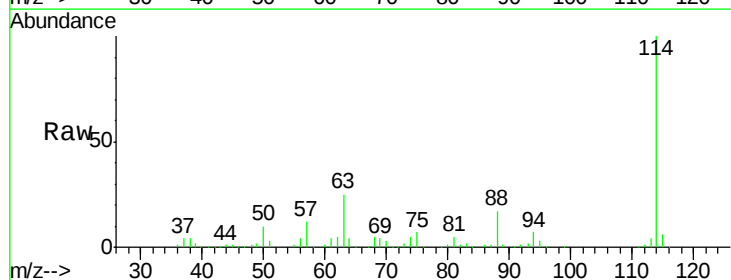
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D1-(0)

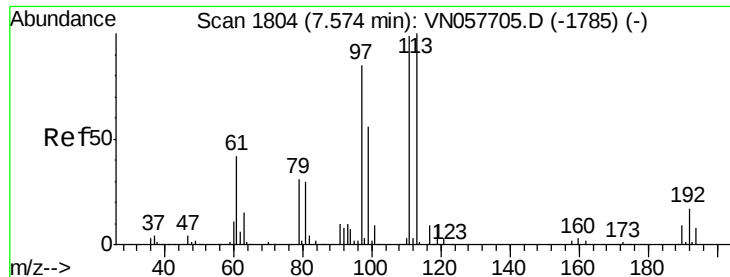
Tot Ion: 65 Resp: 235678
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057759.D
 Acq: 7 Sep 2019 17:19

Tgt Ion: 114 Resp: 328729
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 52.4
 88 17.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 46.579 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057759.D

Acq: 7 Sep 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

T12-D1-(0)

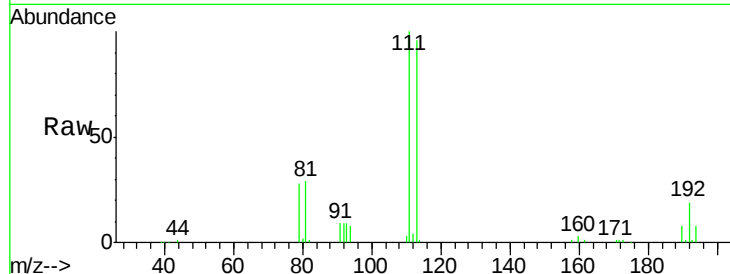
Tot Ion:113 Resp: 139469

Ion Ratio Lower Upper

113 100

111 104.4 82.7 124.1

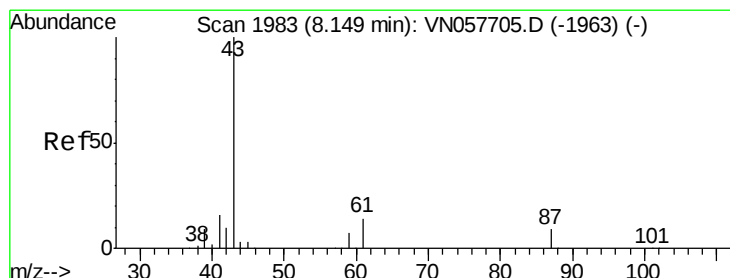
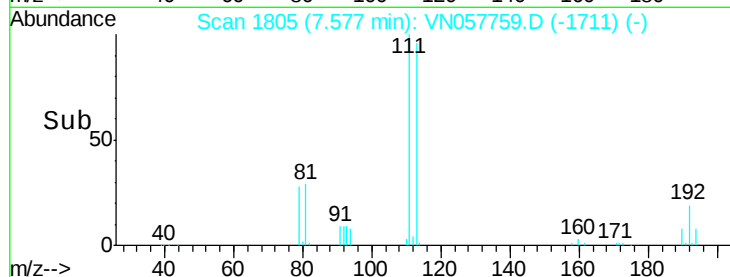
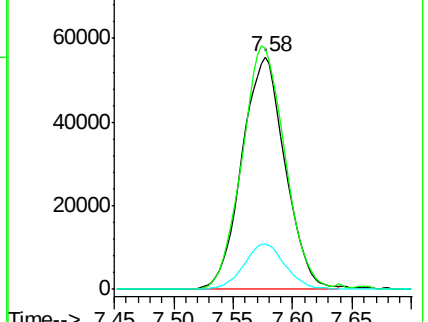
192 18.8 13.8 20.6



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: 6.442 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057759.D

Acq: 7 Sep 2019 17:19

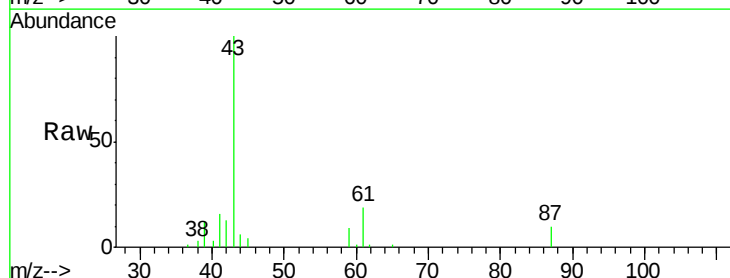
Tgt Ion: 43 Resp: 53681

Ion Ratio Lower Upper

43 100

61 17.7 12.8 19.2

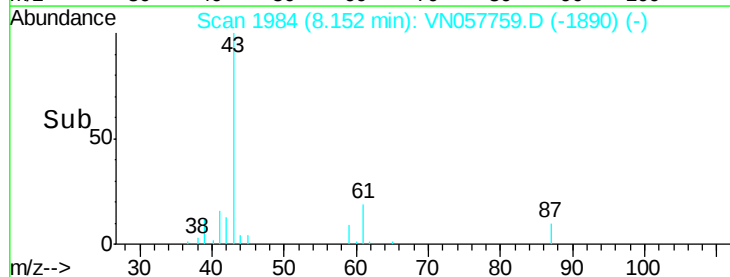
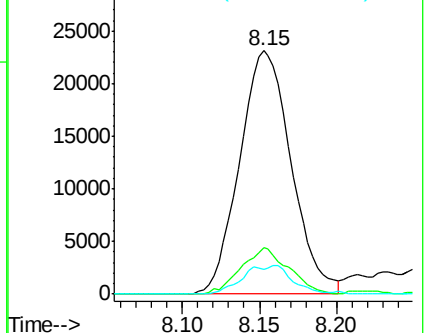
87 11.2 7.8 11.8

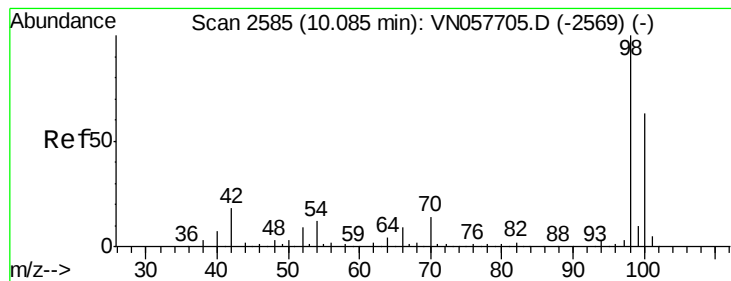


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.069 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057759.D

Acq: 7 Sep 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

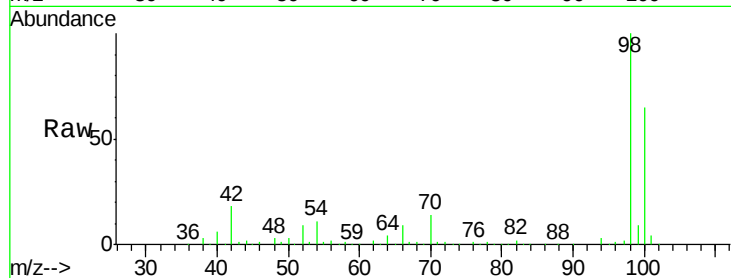
T12-D1-(0)

Tot Ion: 98 Resp: 543509

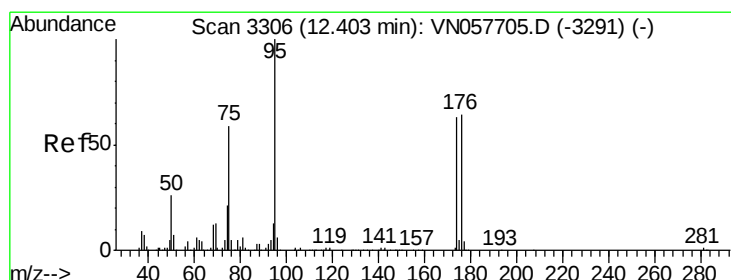
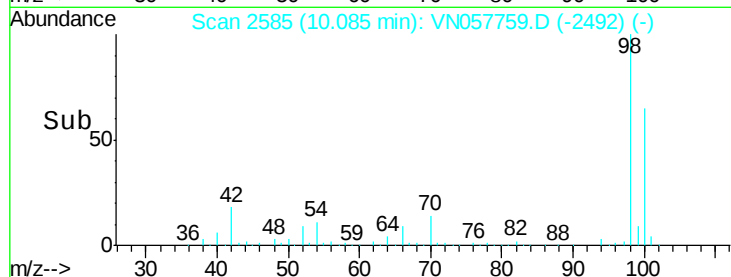
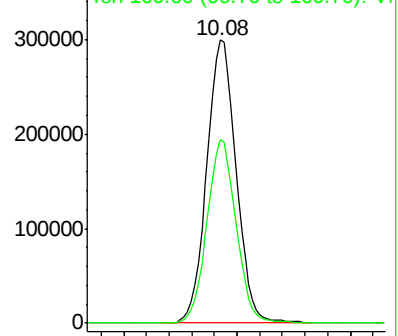
Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



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



#62

4-Bromofluorobenzene

Concen: 43.332 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057759.D

Acq: 7 Sep 2019 17:19

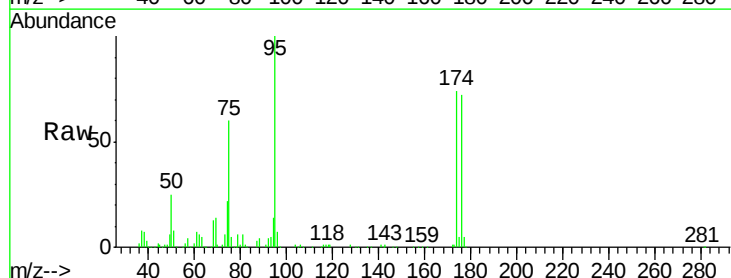
Tgt Ion: 95 Resp: 199353

Ion Ratio Lower Upper

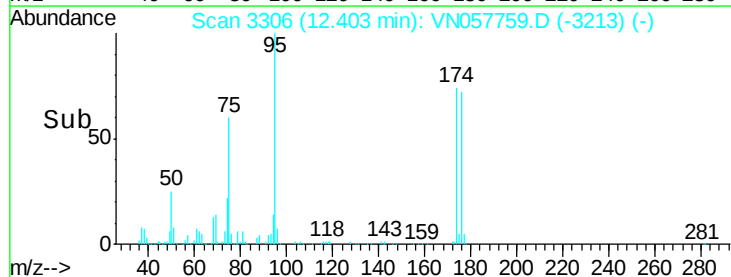
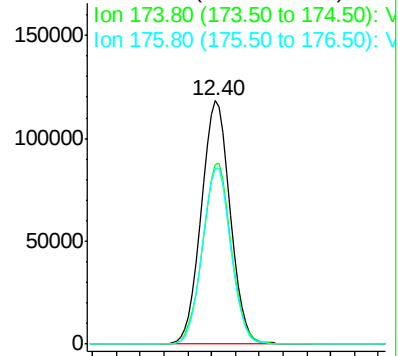
95 100

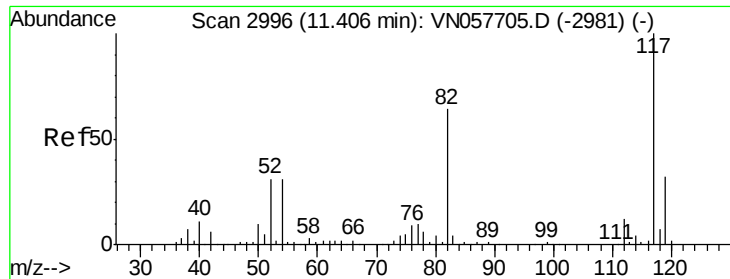
174 73.4 0.0 128.0

176 71.4 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)

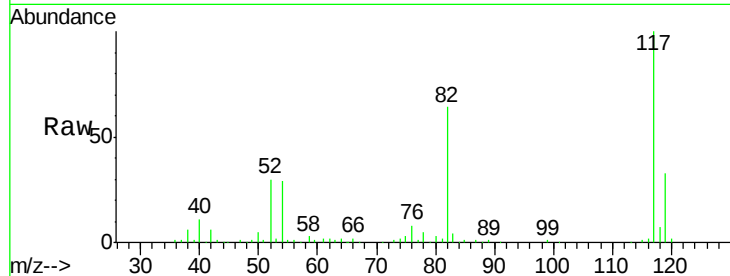




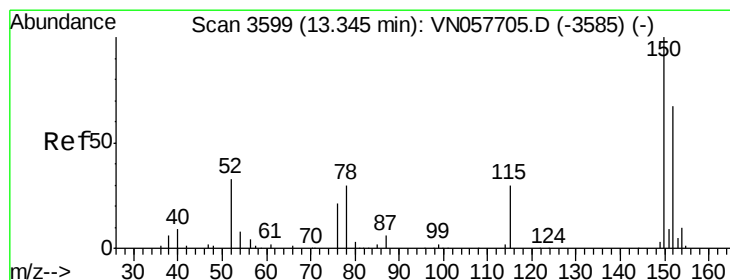
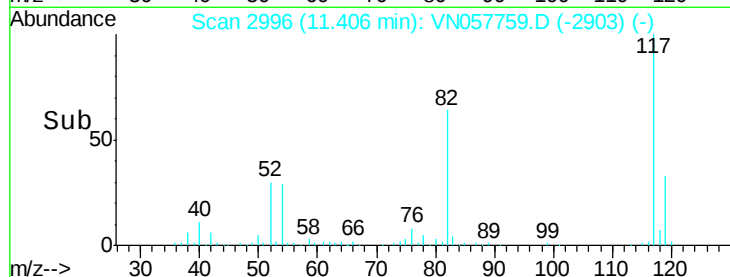
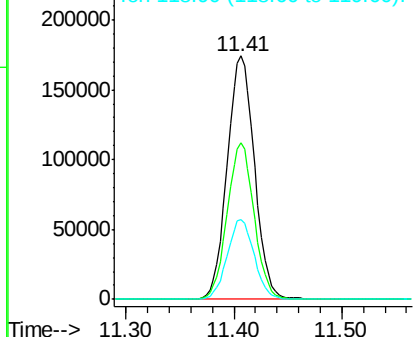
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057759.D
Acq: 7 Sep 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
T12-D1-(0)

Tot Ion:117 Resp: 307578
Ion Ratio Lower Upper
117 100
82 64.3 51.4 77.0
119 33.0 25.4 38.2

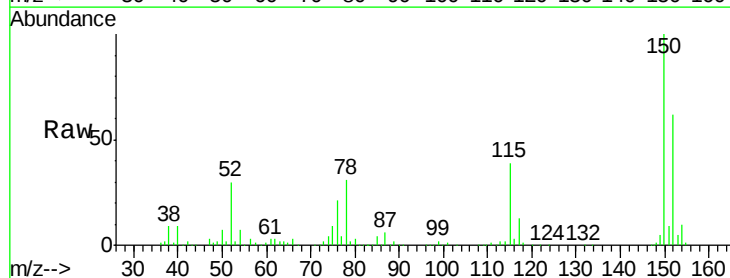


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057759.D
Acq: 7 Sep 2019 17:19

Tgt Ion:152 Resp: 160627
Ion Ratio Lower Upper
152 100
115 63.4 33.8 101.3
150 157.4 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

