

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058317.D
 Acq On : 24 Sep 2019 1:08
 Operator : JC/SP
 Sample : K5002-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0519

Quant Time: Sep 25 12:07:06 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

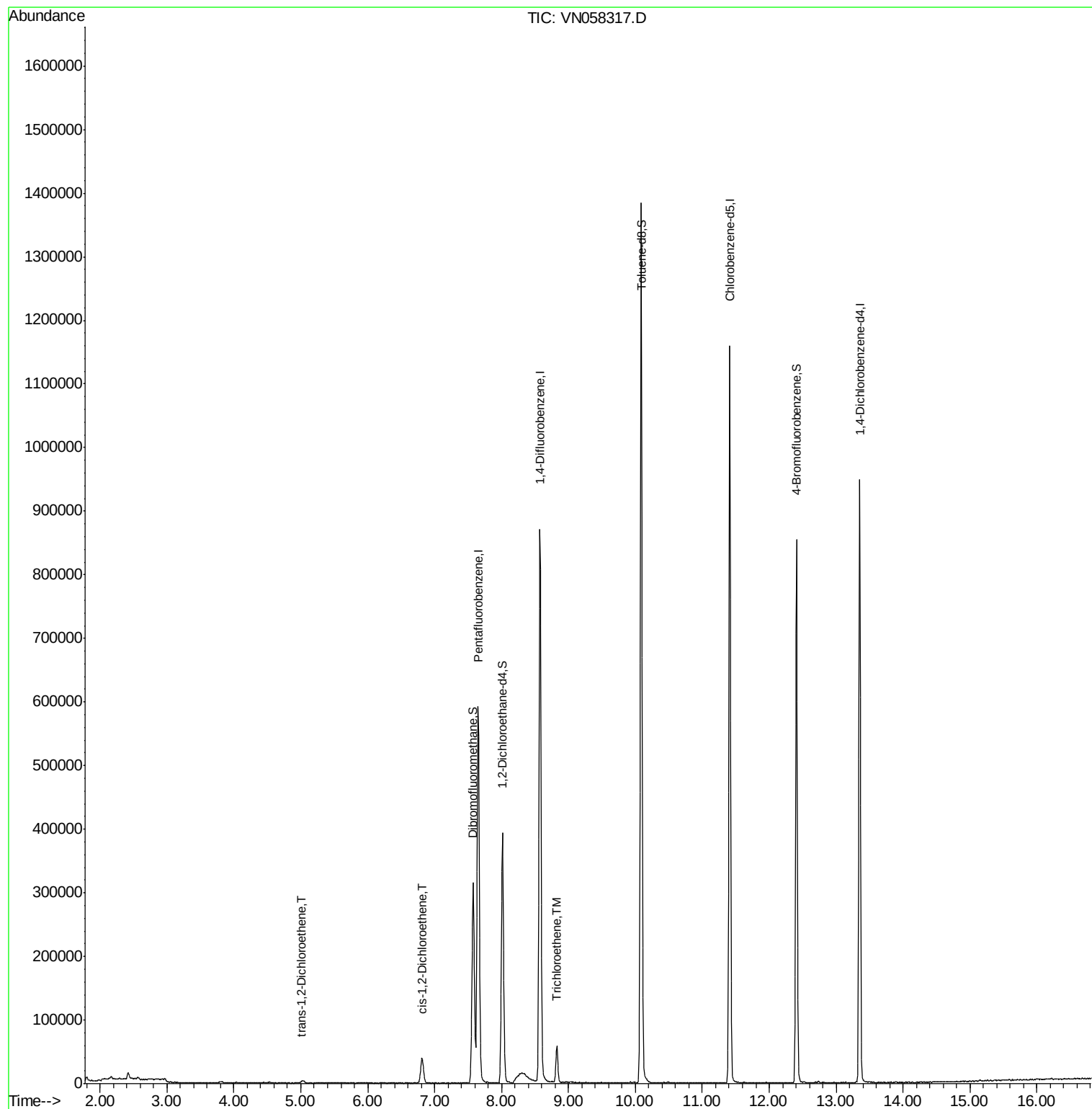
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	454633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	742555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	623463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	233476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	340366	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	7.58	113	236641	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	10.08	98	942840	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.41	95	287872	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
Target Compounds						
21) trans-1,2-Dichloroethene	5.02	96	2636	0.468	ug/l #	79
27) cis-1,2-Dichloroethene	6.81	96	22427	4.864	ug/l	88
44) Trichloroethene	8.82	130	19447	4.859	ug/l	99

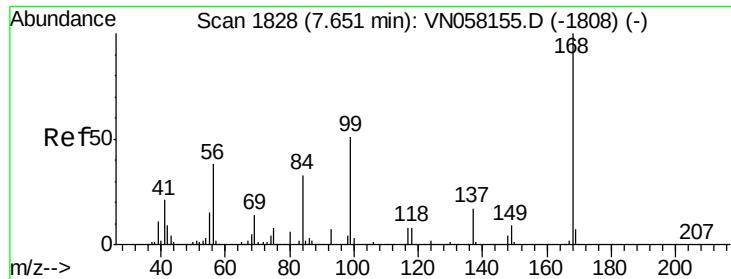
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 09:27:53 2019
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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: VN058317.D

Acq: 24 Sep 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

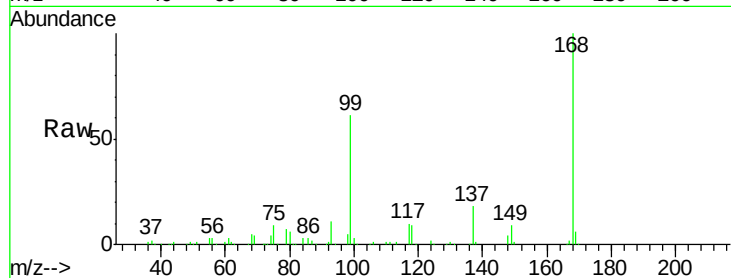
S49-0519

Tot Ion:168 Resp: 454633

Ion Ratio Lower Upper

168 100

99 61.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

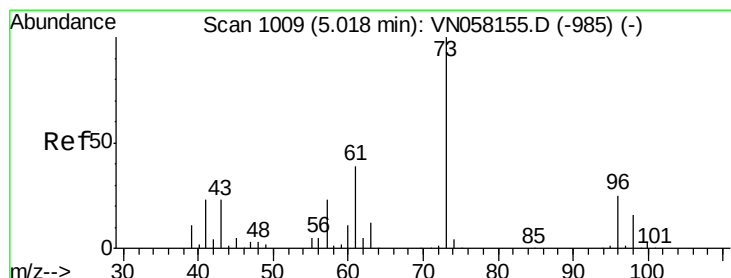
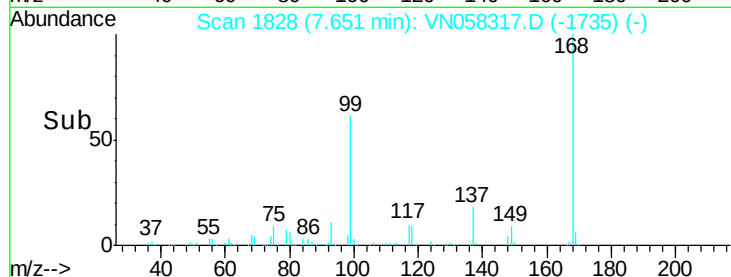
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#21

trans-1,2-Dichloroethene

Concen: 0.468 ug/l

RT: 5.02 min Scan# 1011

Delta R.T. 0.01 min

Lab File: VN058317.D

Acq: 24 Sep 2019 1:08

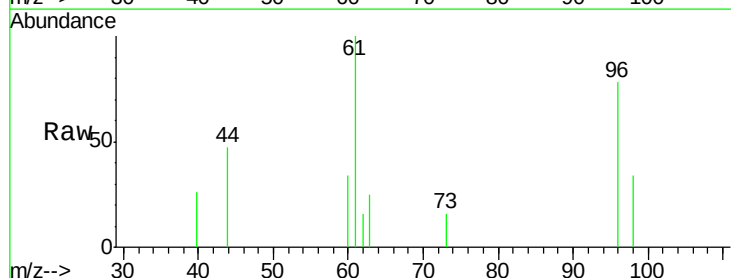
Tgt Ion: 96 Resp: 2636

Ion Ratio Lower Upper

96 100

61 128.1 122.2 183.4

98 43.1 49.9 74.9#



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

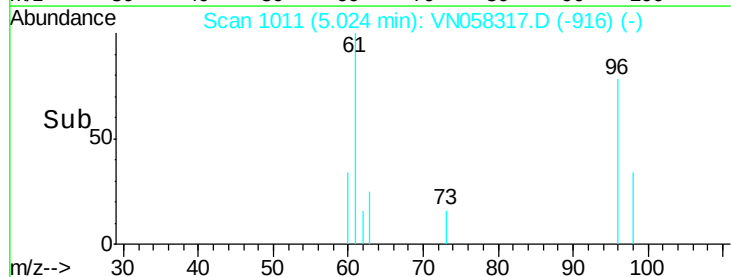
1500

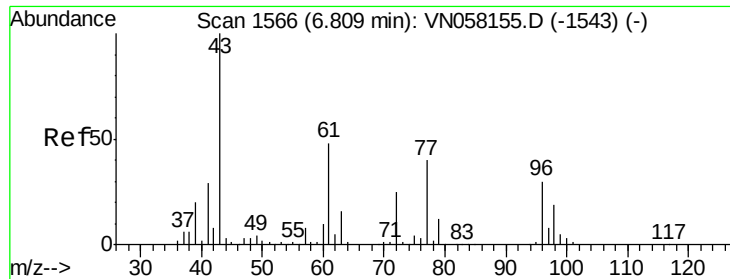
1000

500

0

Time--> 4.95 5.00 5.05 5.10





#27

cis-1,2-Dichloroethene

Concen: 4.864 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN058317.D

Acq: 24 Sep 2019 1:08

Instrument :

MSVOA_N

ClientSampled :

S49-0519

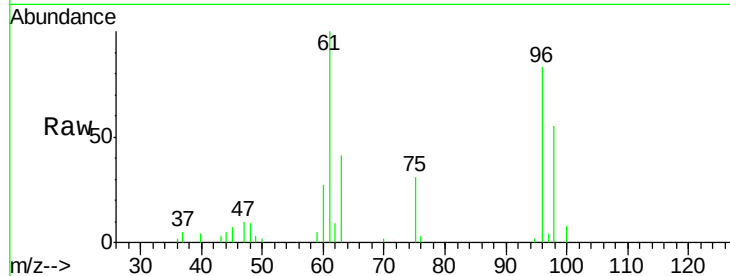
Tot Ion: 96 Resp: 22427

Ion Ratio Lower Upper

96 100

61 137.2 0.0 319.0

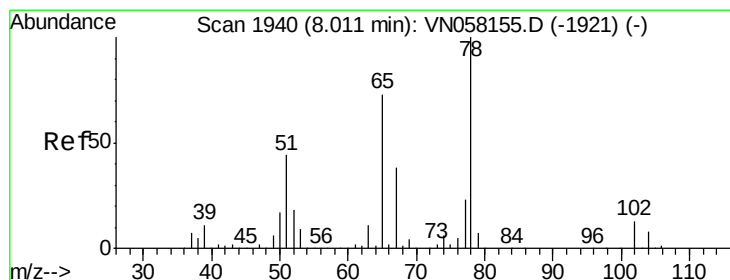
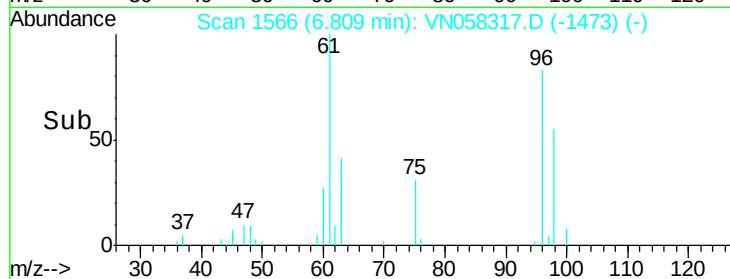
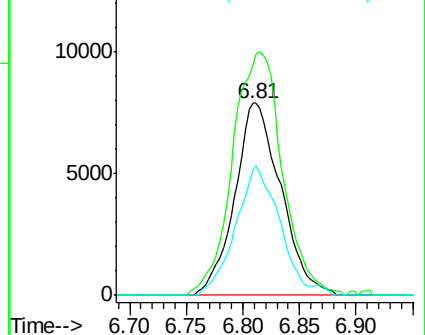
98 63.7 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.752 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058317.D

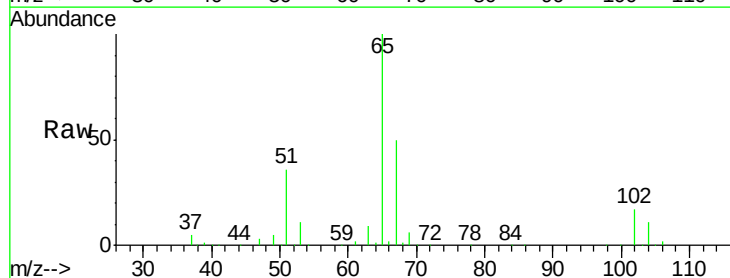
Acq: 24 Sep 2019 1:08

Tgt Ion: 65 Resp: 340366

Ion Ratio Lower Upper

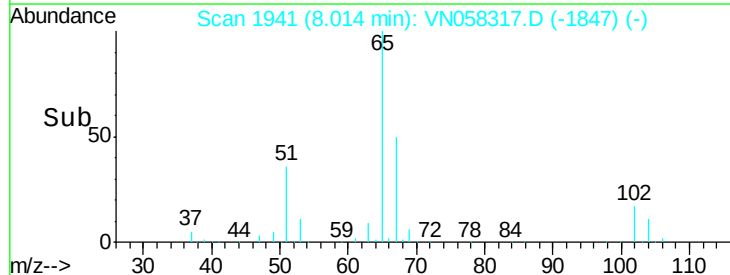
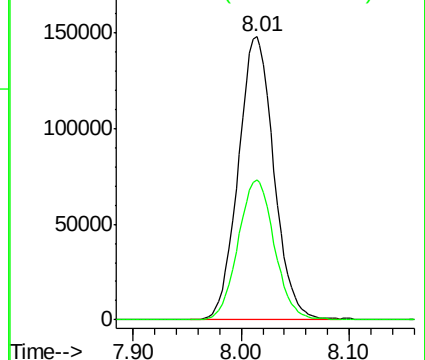
65 100

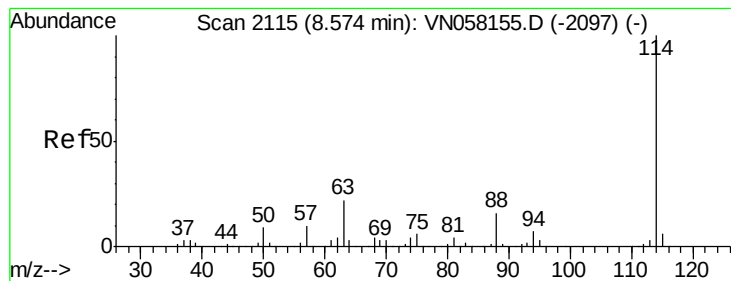
67 50.5 0.0 103.4



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: VN058317.D

Acq: 24 Sep 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

S49-0519

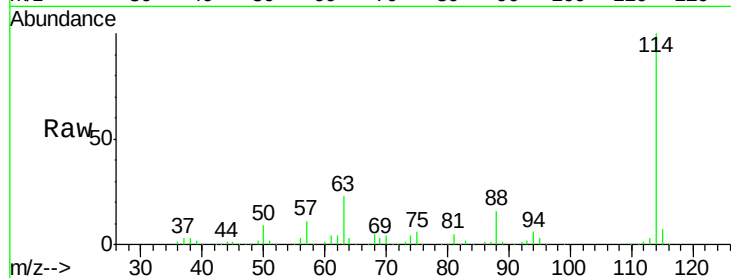
Tot Ion:114 Resp: 742555

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

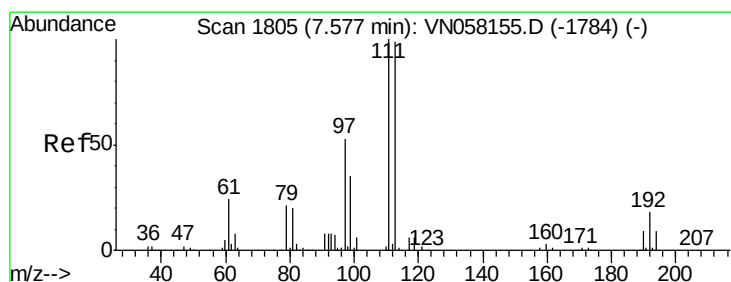
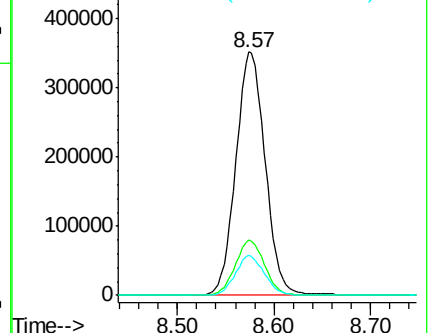
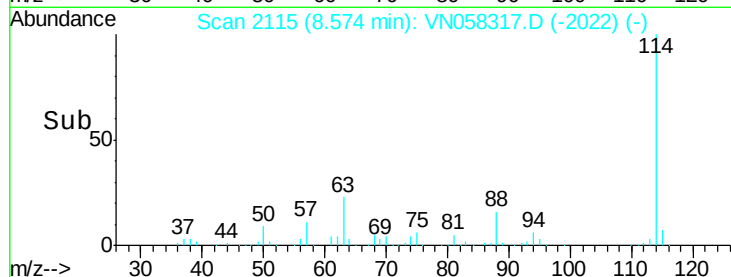
88 16.3 0.0 31.6



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: 52.422 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058317.D

Acq: 24 Sep 2019 1:08

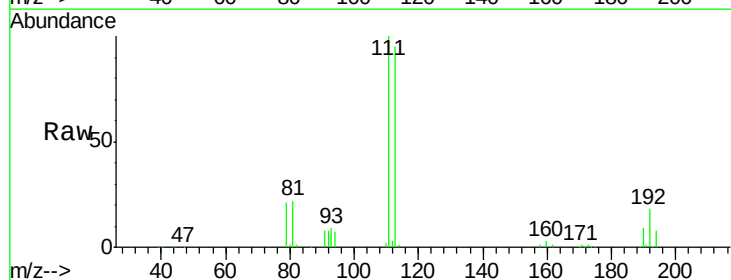
Tgt Ion:113 Resp: 236641

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

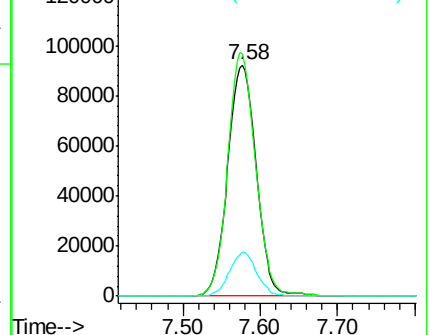
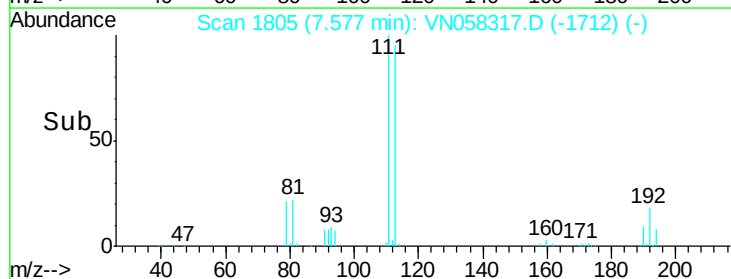
192 18.2 14.5 21.7

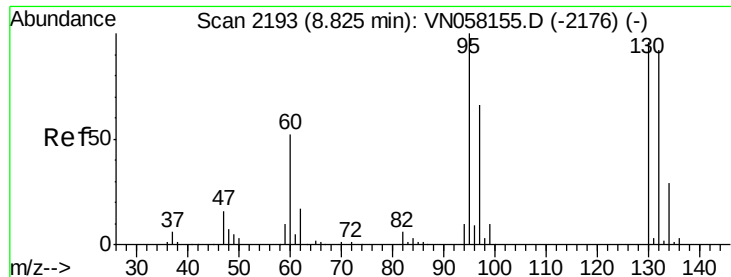


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.859 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058317.D

Acq: 24 Sep 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

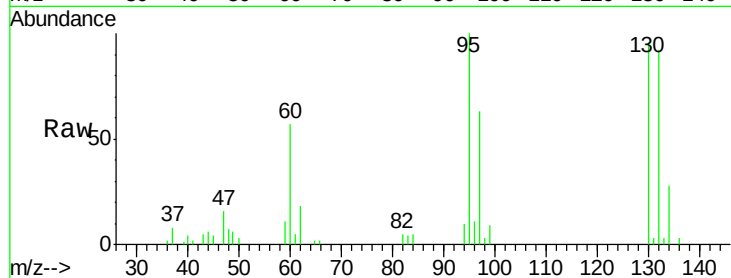
S49-0519

Tot Ion:130 Resp: 19447

Ion Ratio Lower Upper

130 100

95 104.4 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VN058155.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058155.D (-2176) (-)

8.82

12000

10000

8000

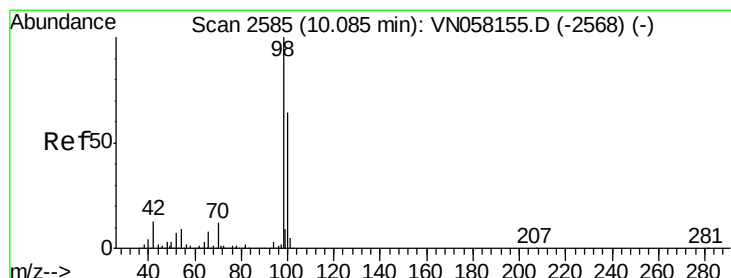
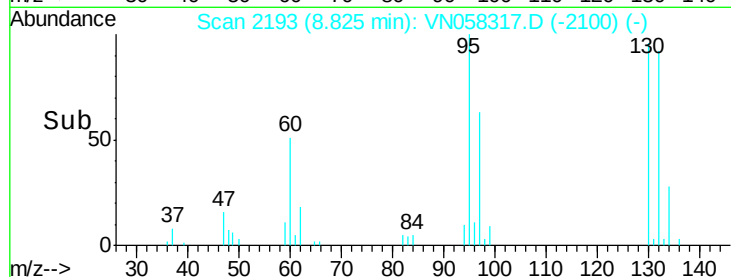
6000

4000

2000

0

Time-->



#50

Toluene-d8

Concen: 53.607 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058317.D

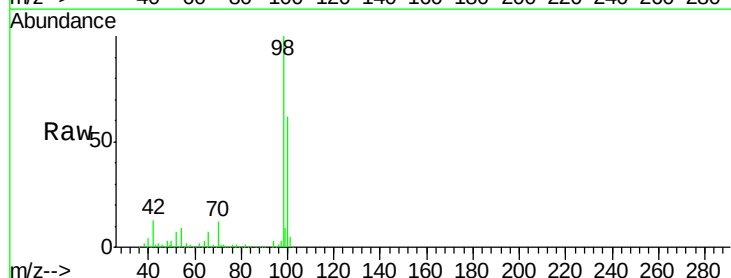
Acq: 24 Sep 2019 1:08

Tgt Ion: 98 Resp: 942840

Ion Ratio Lower Upper

98 100

100 62.6 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) (-)

10.08

600000

500000

400000

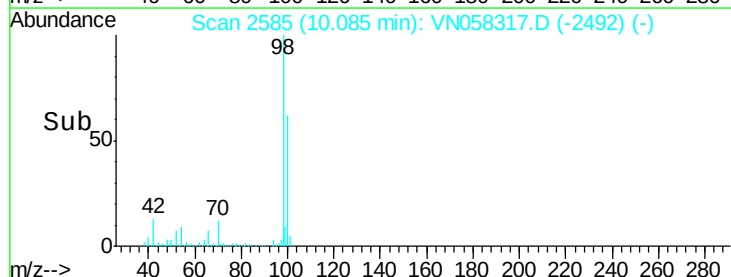
300000

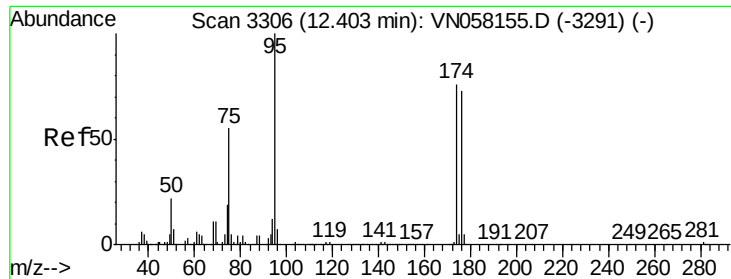
200000

100000

0

Time-->

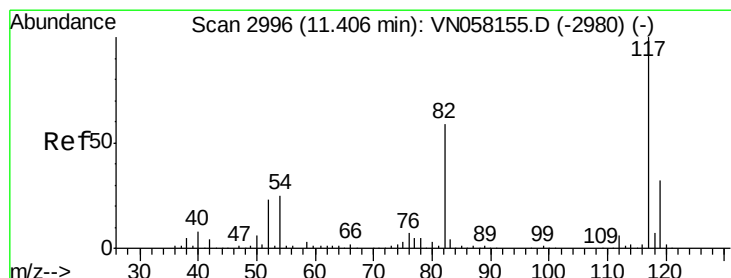
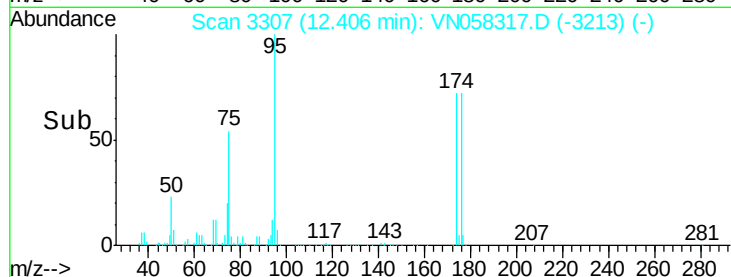
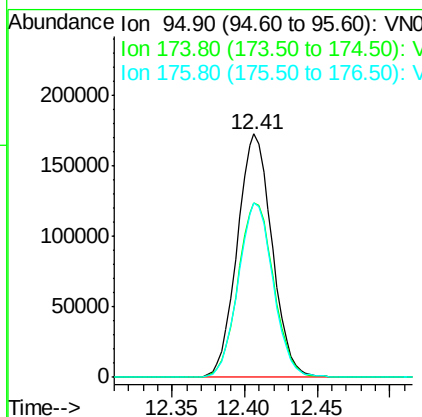
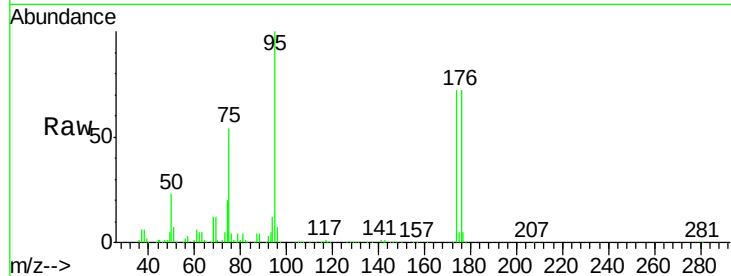




#62
4-Bromofluorobenzene
Concen: 44.063 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058317.D
Acq: 24 Sep 2019 1:08

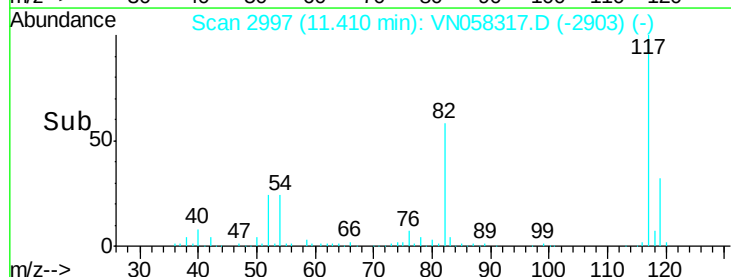
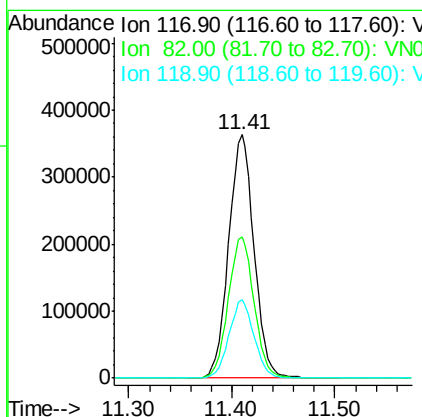
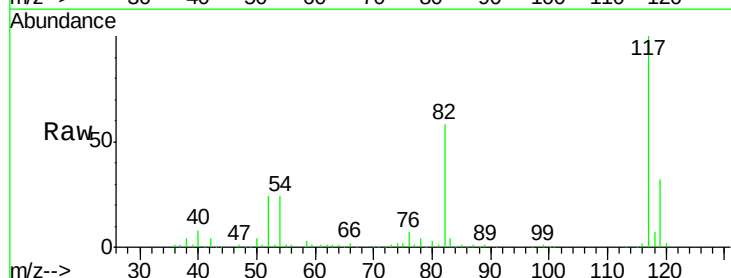
Instrument :
MSVOA_N
ClientSampled :
S49-0519

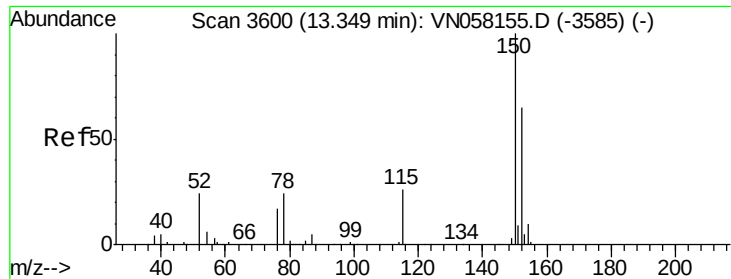
Tot Ion: 95 Resp: 287872
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.2
176 71.9 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058317.D
Acq: 24 Sep 2019 1:08

Tgt Ion: 117 Resp: 623463
Ion Ratio Lower Upper
117 100
82 58.2 46.9 70.3
119 32.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058317.D

Acq: 24 Sep 2019 1:08

Instrument :

MSVOA_N

ClientSampleId :

S49-0519

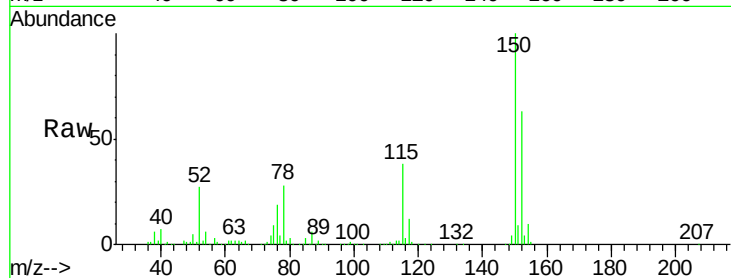
Tot Ion:152 Resp: 233476

Ion Ratio Lower Upper

152 100

115 61.9 30.1 90.3

150 160.1 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

