

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057628.D
 Acq On : 31 Aug 2019 21:14
 Operator : JC/SP
 Sample : K4517-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-C-(2.5)

Quant Time: Sep 01 00:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

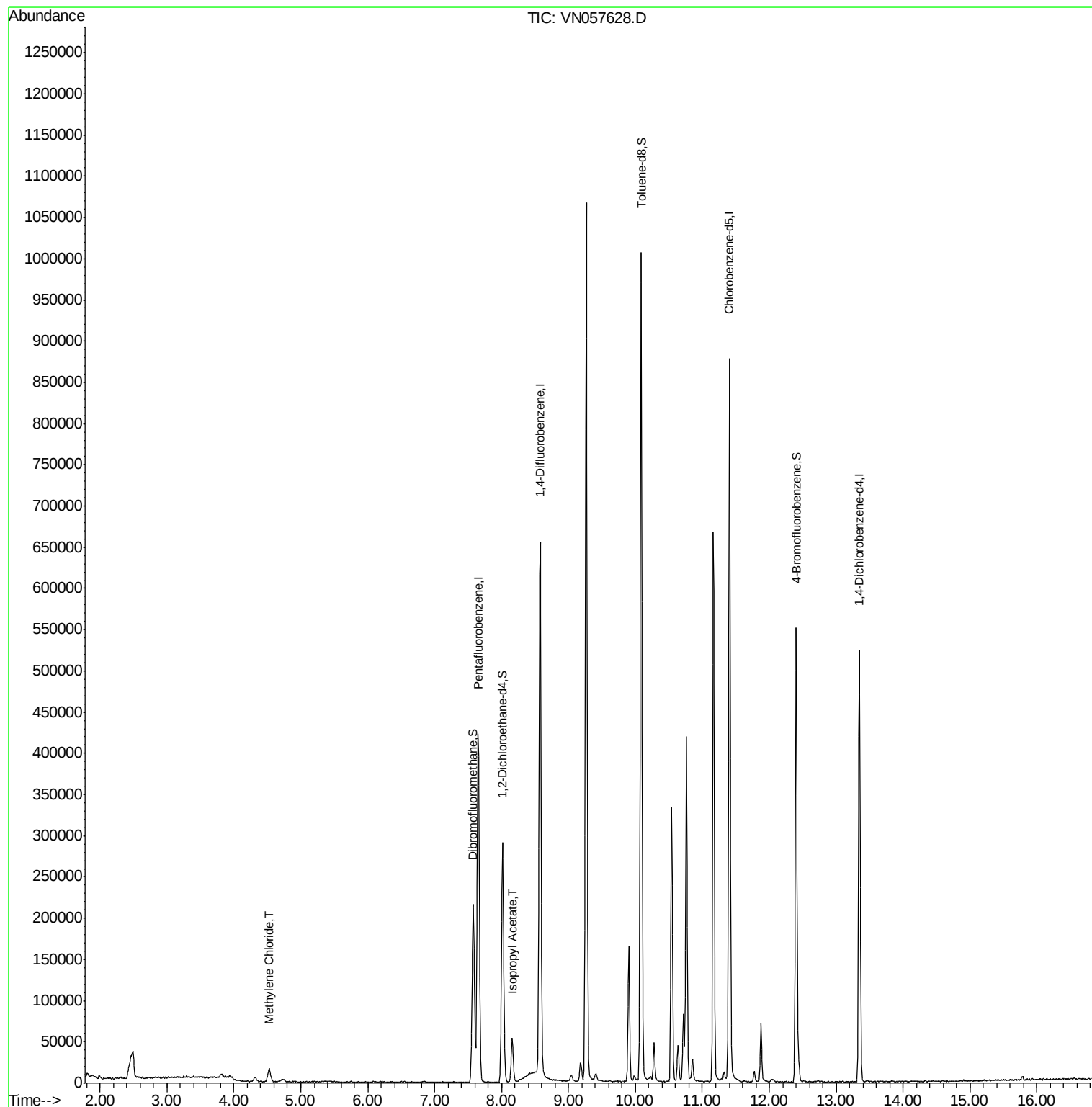
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	297001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	511269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	438949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	125411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	245644	36.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.22%	
35) Dibromofluoromethane	7.58	113	154551	34.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.24%	
50) Toluene-d8	10.08	98	633467	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
62) 4-Bromofluorobenzene	12.40	95	193200	29.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.28%	
Target Compounds						
20) Methylene Chloride	4.53	84	10398	2.234	ug/l	89
43) Isopropyl Acetate	8.16	43	64643	5.565	ug/l	99

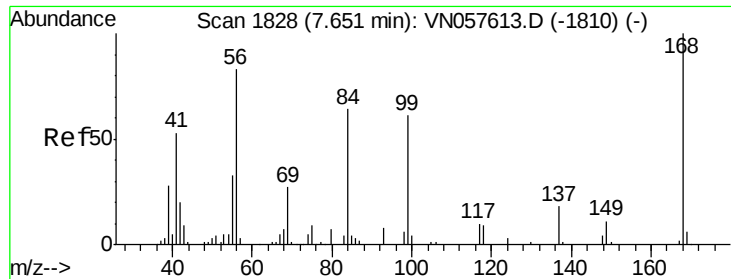
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057628.D

Acq: 31 Aug 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

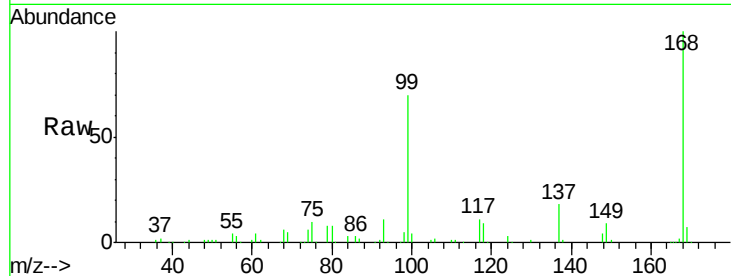
T4-S-C-(2.5)

Tot Ion:168 Resp: 297001

Ion Ratio Lower Upper

168 100

99 70.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

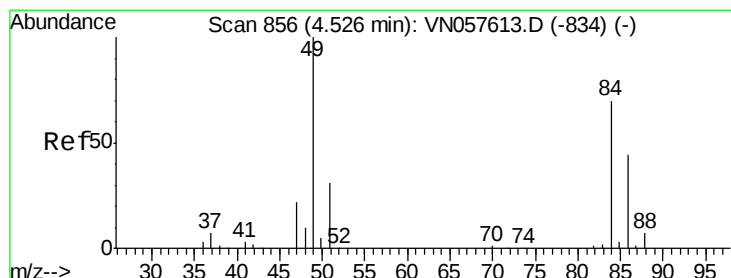
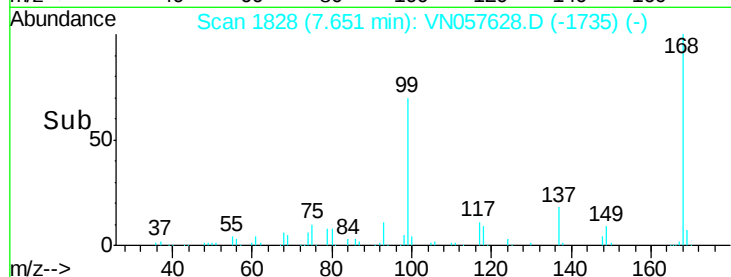
100000

50000

0

Time-->

7.60 7.70



#20

Methylene Chloride

Concen: 2.234 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Tgt Ion: 84 Resp: 10398

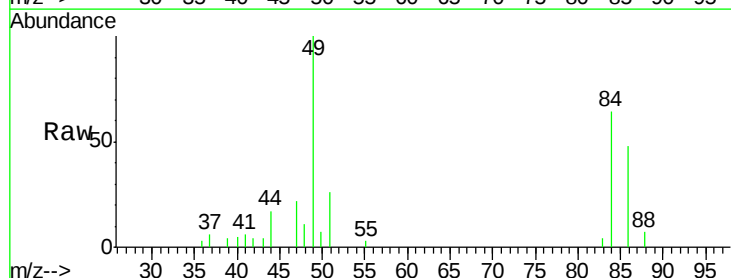
Ion Ratio Lower Upper

84 100

49 155.5 113.8 170.6

51 40.5 35.0 52.6

86 74.3 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

8000

6000

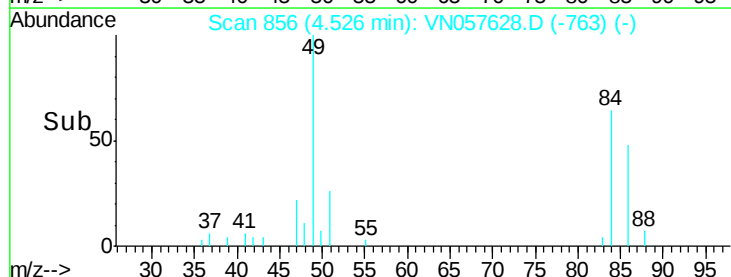
4000

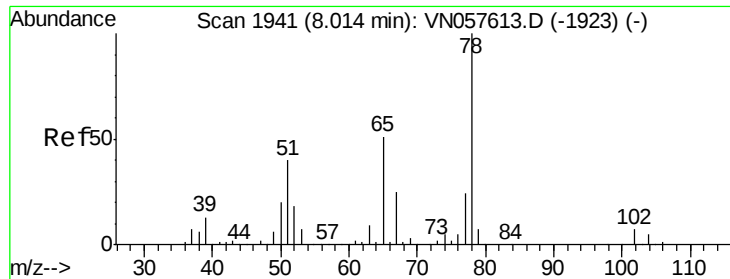
2000

0

Time-->

4.45 4.50 4.55 4.60

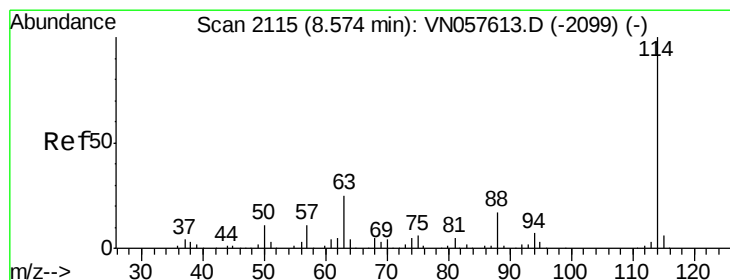
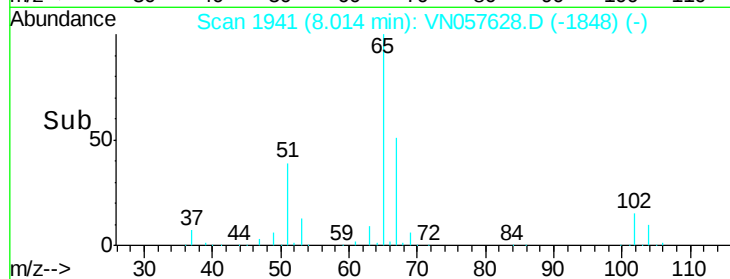
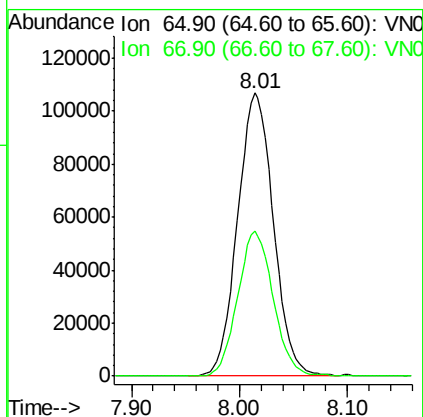
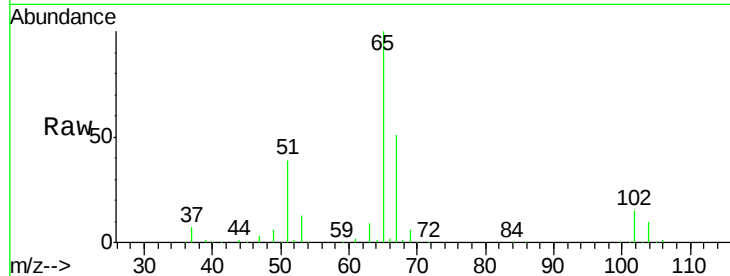




#33
 1,2-Dichloroethane-d4
 Concen: 36.613 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057628.D
 Acq: 31 Aug 2019 21:14

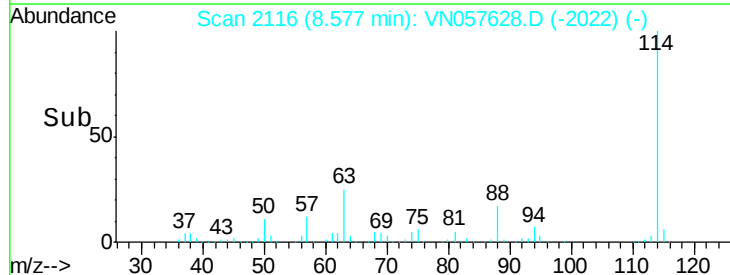
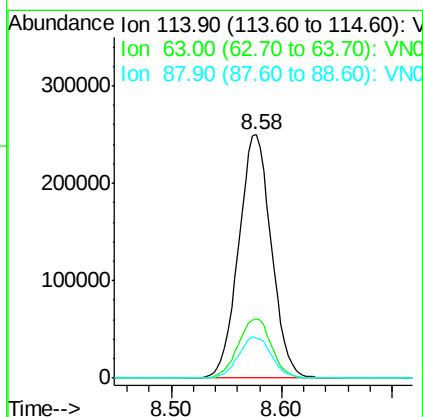
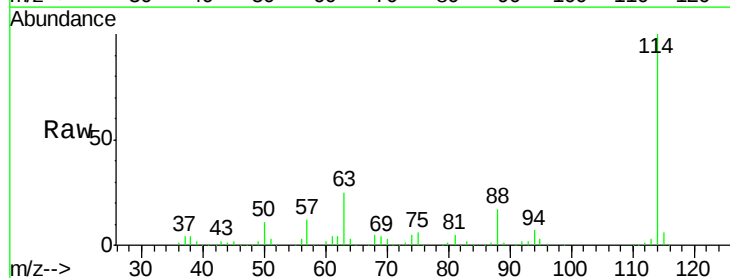
Instrument :
 MSVOA_N
 ClientSampled :
 T4-S-C-(2.5)

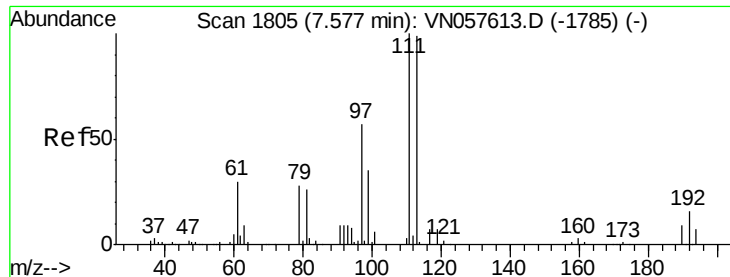
Tot Ion: 65 Resp: 245644
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057628.D
 Acq: 31 Aug 2019 21:14

Tgt Ion: 114 Resp: 511269
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.0
 88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 34.615 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Instrument :
MSVOA_N
ClientSampleId :
T4-S-C-(2.5)

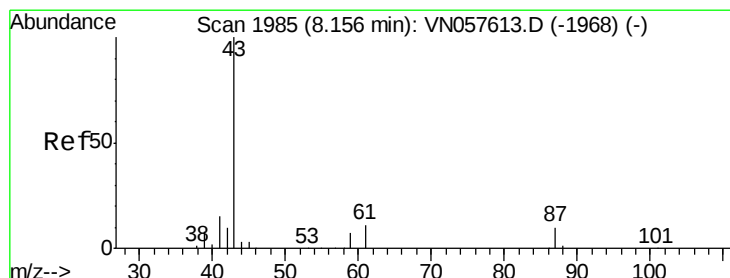
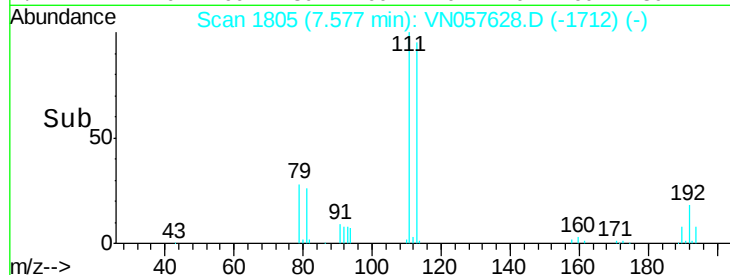
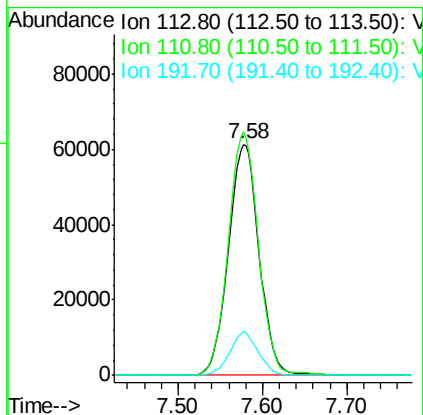
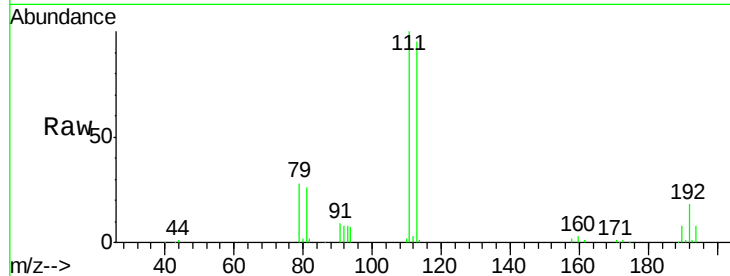
Tot Ion:113 Resp: 154551

Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 17.4 13.5 20.3



#43

Isopropyl Acetate

Concen: 5.565 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

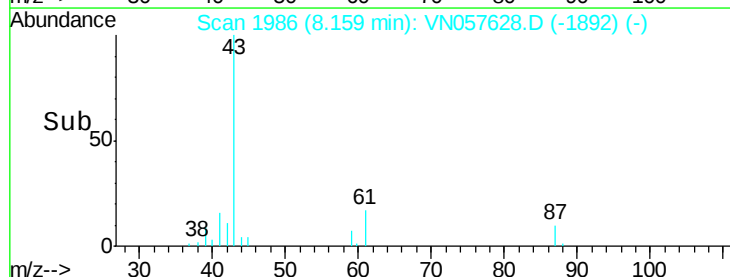
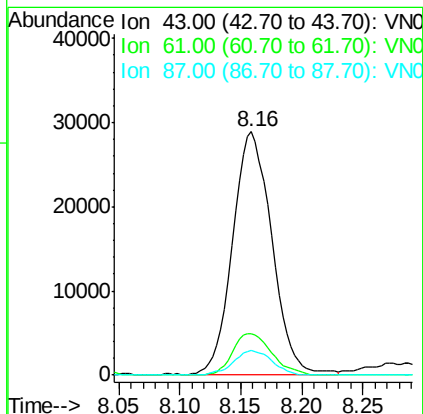
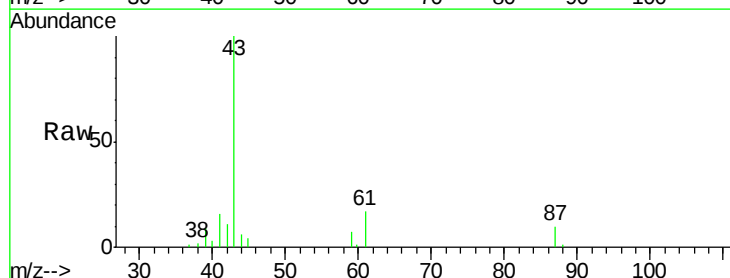
Tgt Ion: 43 Resp: 64643

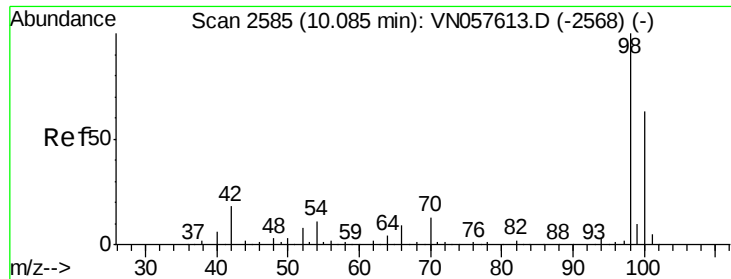
Ion Ratio Lower Upper

43 100

61 16.9 13.1 19.7

87 9.8 8.1 12.1





#50

Toluene-d8

Concen: 36.955 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

Instrument :

MSVOA_N

ClientSampleId :

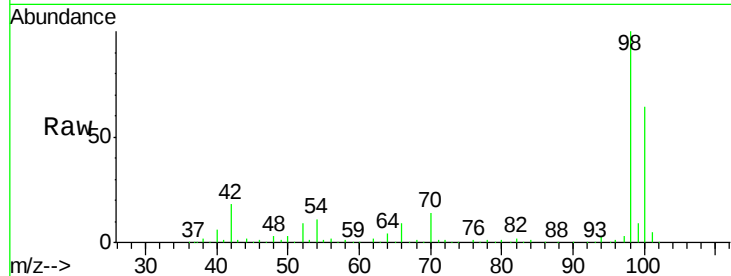
T4-S-C-(2.5)

Tot Ion: 98 Resp: 633467

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN057613.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN057613.D (-2568) (-)

10.08

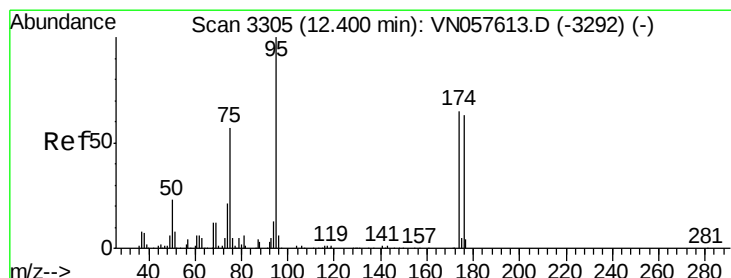
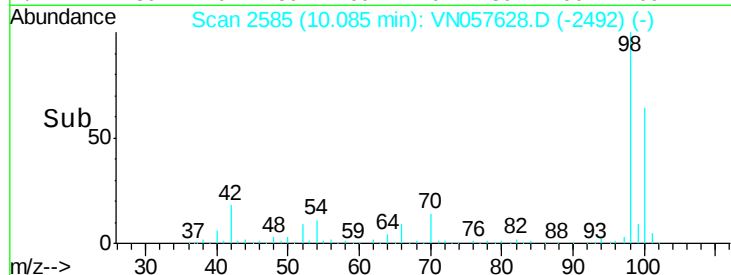
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 29.640 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057628.D

Acq: 31 Aug 2019 21:14

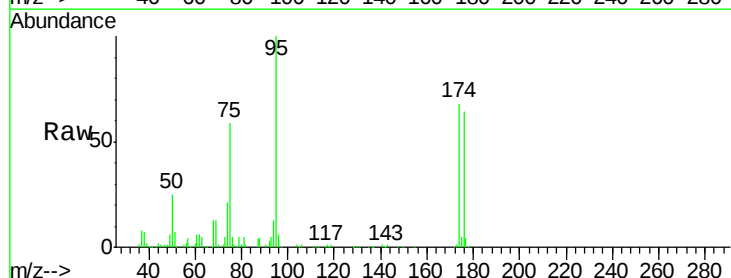
Tgt Ion: 95 Resp: 193200

Ion Ratio Lower Upper

95 100

174 67.7 0.0 134.8

176 64.2 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057613.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057613.D (-3292) (-)

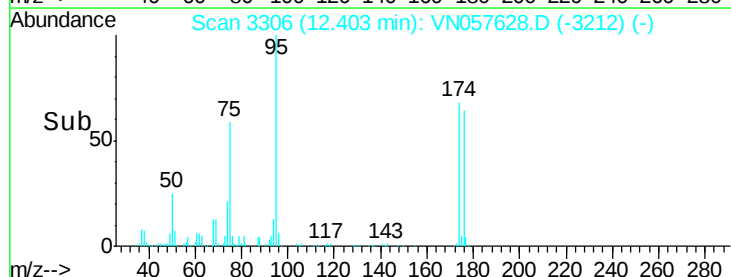
12.40

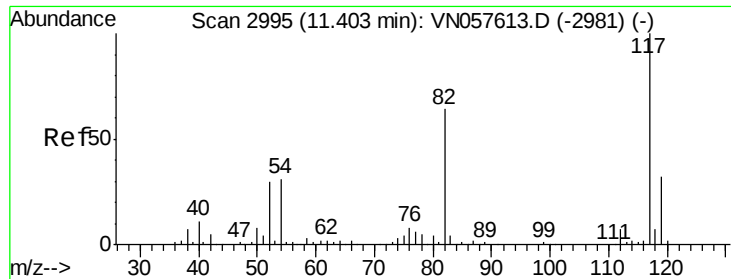
100000

50000

0

Time-->

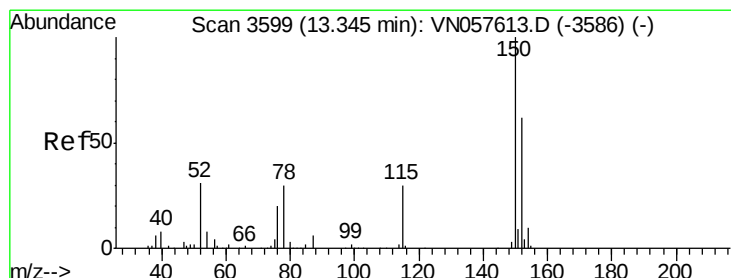
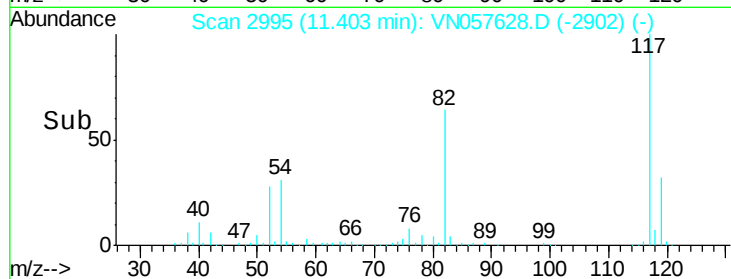
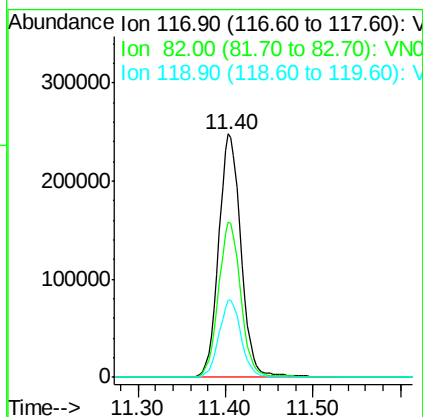
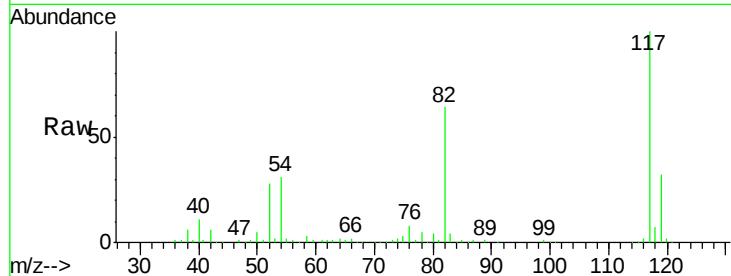




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057628.D
Acq: 31 Aug 2019 21:14

Instrument :
MSVOA_N
ClientSampleId :
T4-S-C(2.5)

Tot Ion:117 Resp: 438949
Ion Ratio Lower Upper
117 100
82 63.7 51.6 77.4
119 31.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057628.D
Acq: 31 Aug 2019 21:14

Tgt Ion:152 Resp: 125411
Ion Ratio Lower Upper
152 100
115 66.0 33.2 99.6
150 157.9 0.0 365.2

