

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057624.D
 Acq On : 31 Aug 2019 19:32
 Operator : JC/SP
 Sample : K4517-24RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D1-(0)RE

Quant Time: Sep 01 00:37:08 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

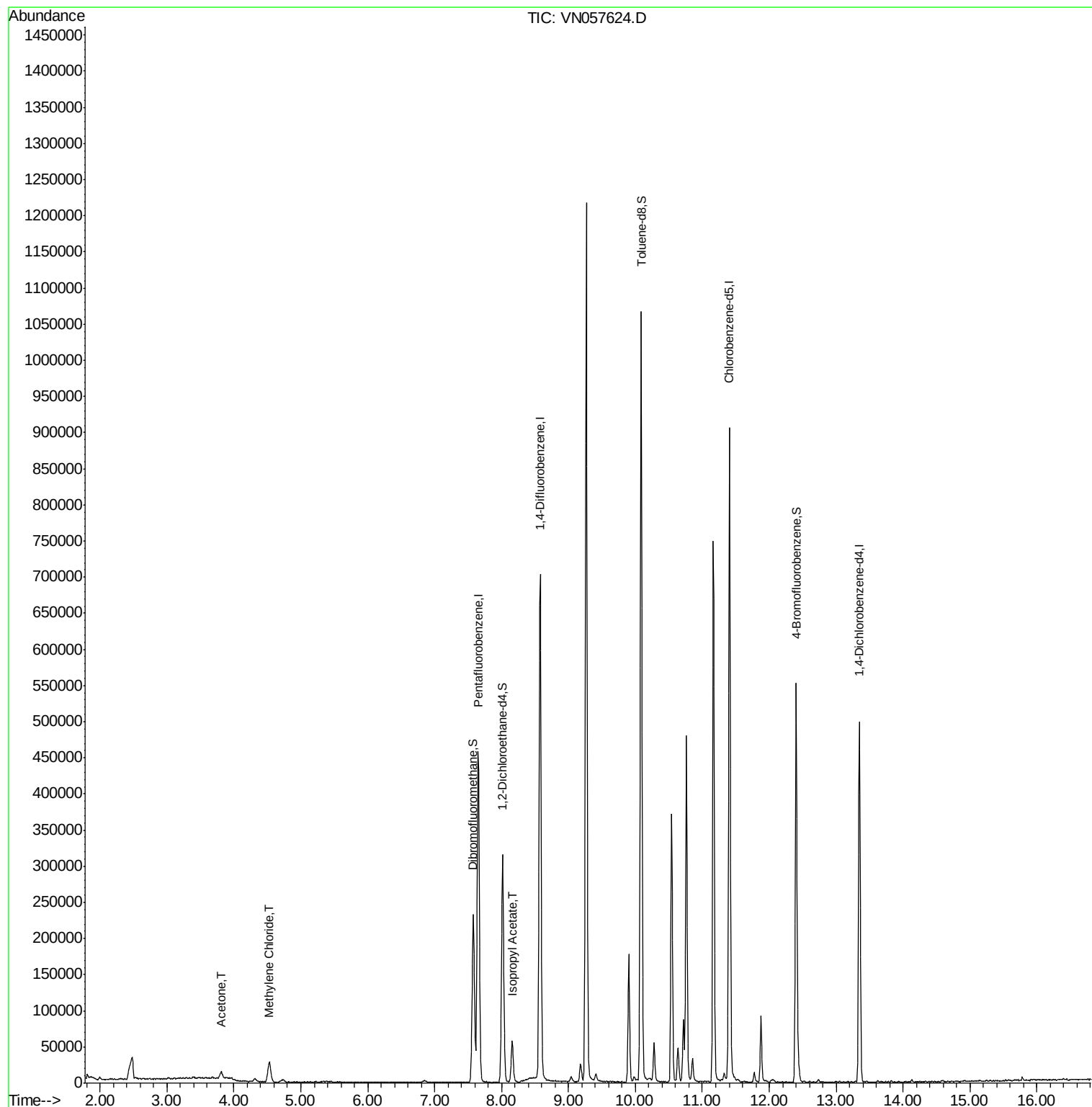
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	320612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	544591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	122143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270842	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.80%	
35) Dibromofluoromethane	7.58	113	164642	34.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.24%	
50) Toluene-d8	10.08	98	682721	37.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.78%	
62) 4-Bromofluorobenzene	12.40	95	198160	28.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.08%	
Target Compounds						
16) Acetone	3.81	43	11683	5.756	ug/l	96
20) Methylene Chloride	4.53	84	18550	3.692	ug/l #	90
43) Isopropyl Acetate	8.16	43	69754	5.637	ug/l	100

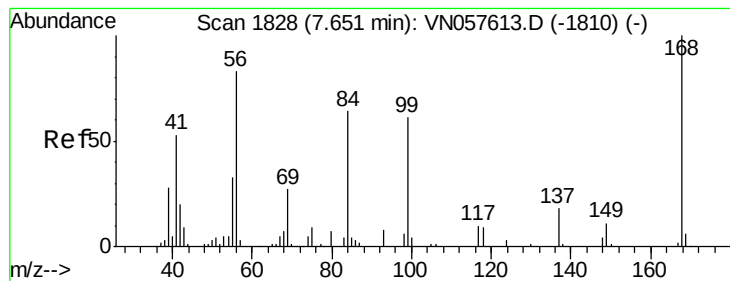
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057624.D

Acq: 31 Aug 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

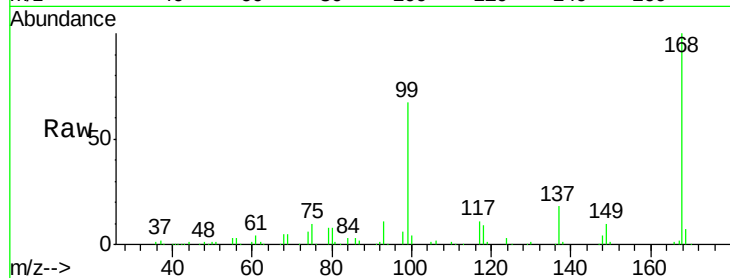
T4-S-D1-(0)RE

Tot Ion:168 Resp: 320612

Ion Ratio Lower Upper

168 100

99 67.0 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

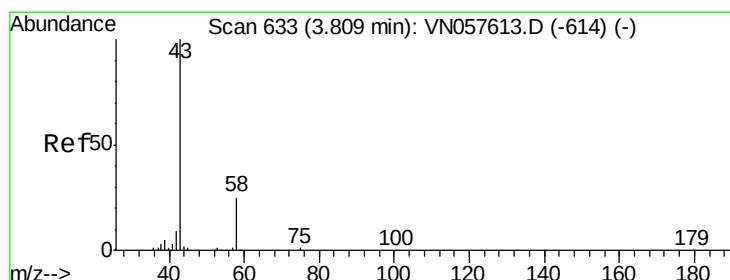
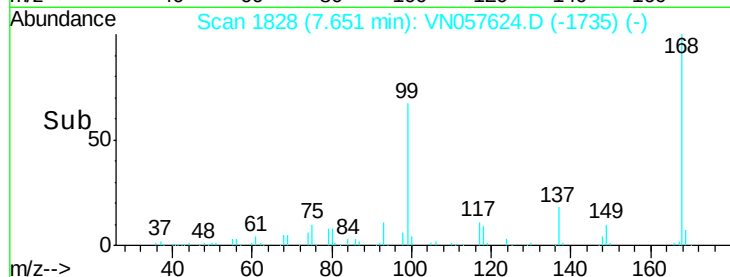
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.756 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN057624.D

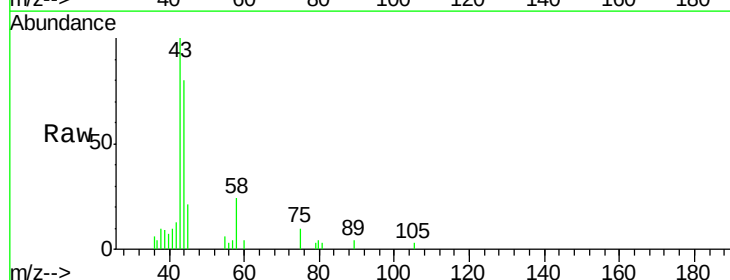
Acq: 31 Aug 2019 19:32

Tgt Ion: 43 Resp: 11683

Ion Ratio Lower Upper

43 100

58 27.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

6000

5000

4000

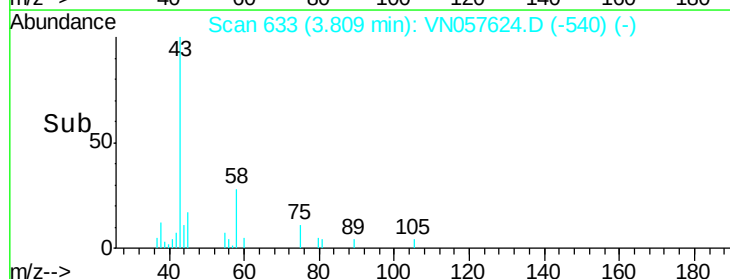
3000

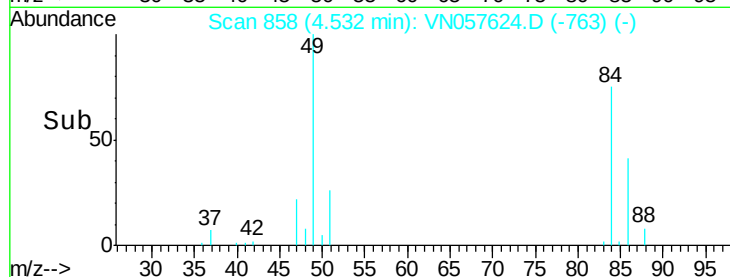
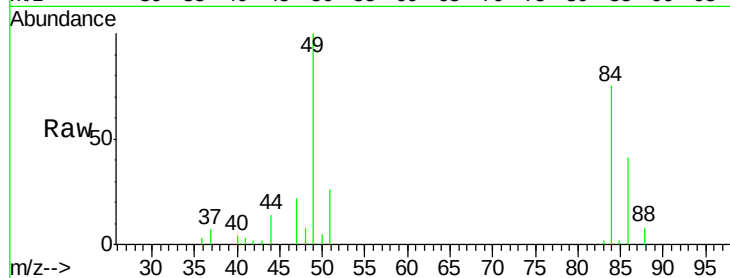
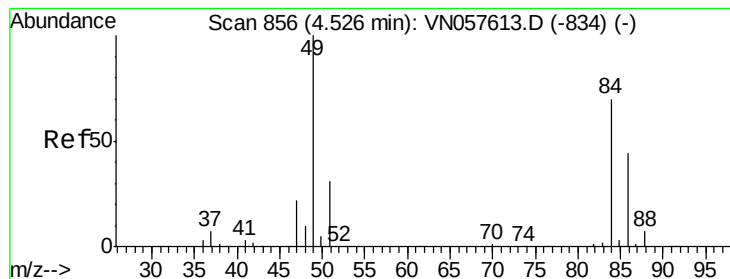
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 3.692 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN057624.D

Acq: 31 Aug 2019 19:32

Instrument :

MSVOA_N

ClientSampled :

T4-S-D1(0)RE

Tot Ion: 84 Resp: 18550

Ion Ratio Lower Upper

84 100

49 132.6 113.8 170.6

51 34.0 35.0 52.6#

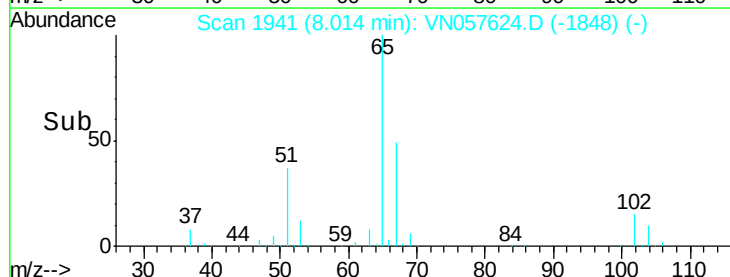
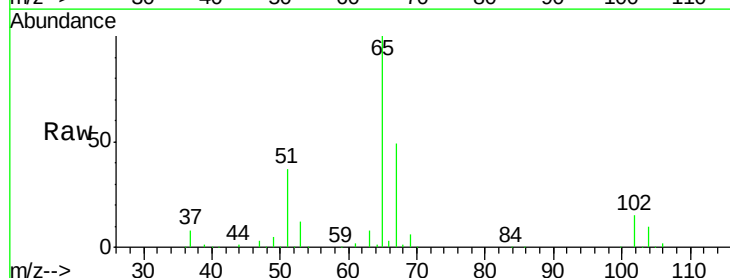
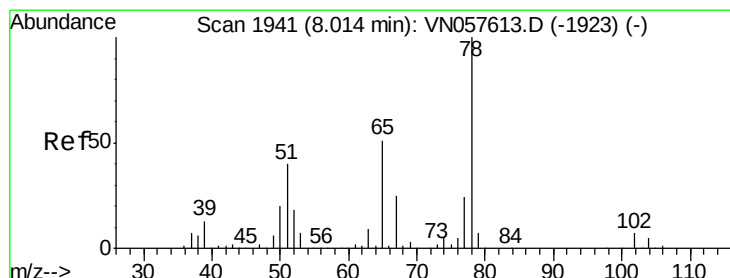
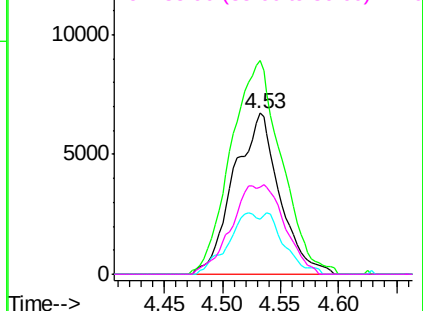
86 53.8 50.6 75.8

Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 37.396 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057624.D

Acq: 31 Aug 2019 19:32

Tgt Ion: 65 Resp: 270842

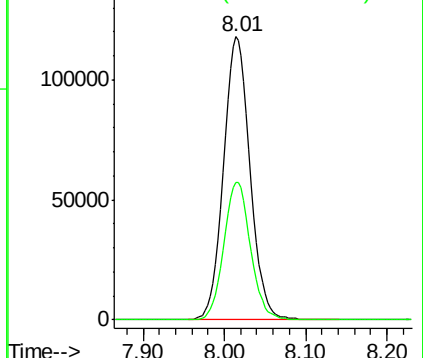
Ion Ratio Lower Upper

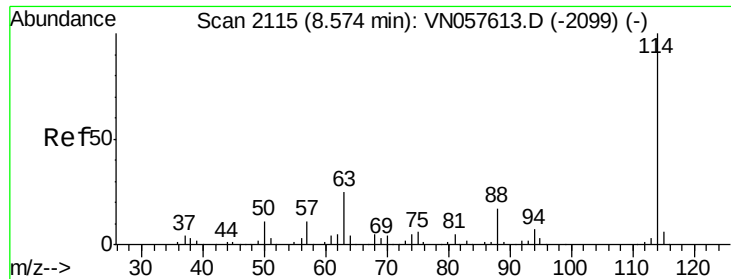
65 100

67 48.8 0.0 102.2

Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

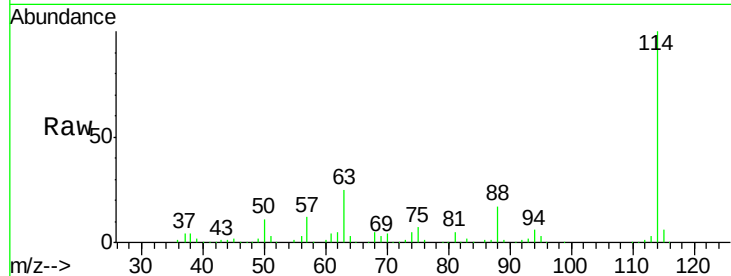




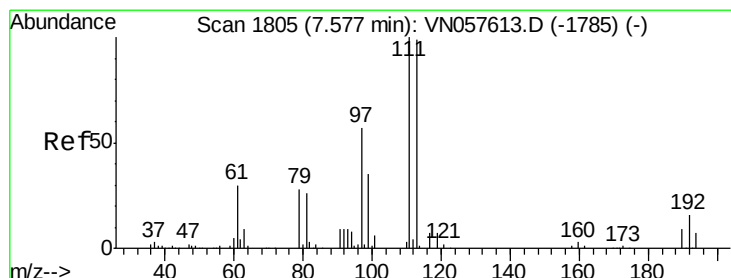
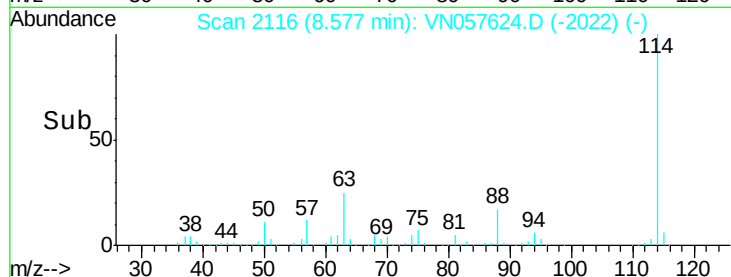
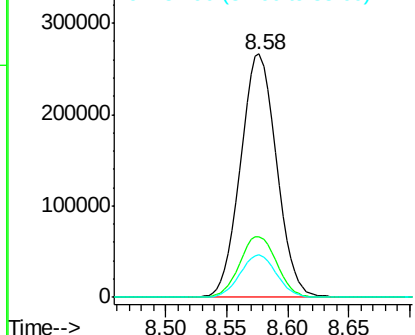
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057624.D
Acq: 31 Aug 2019 19:32

Instrument :
MSVOA_N
ClientSampleId :
T4-S-D1-(0)RE

Tot Ion:114 Resp: 544591
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.0
88 17.3 0.0 33.0

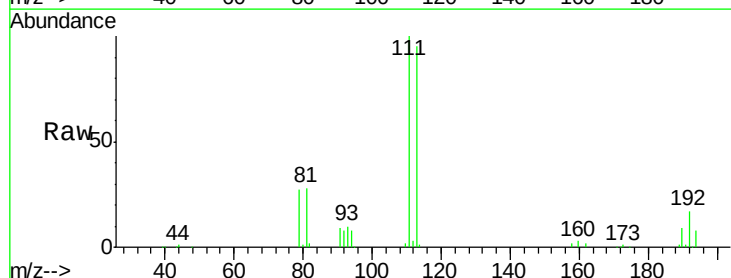


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

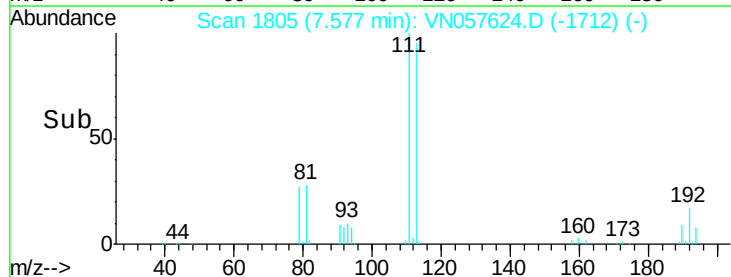
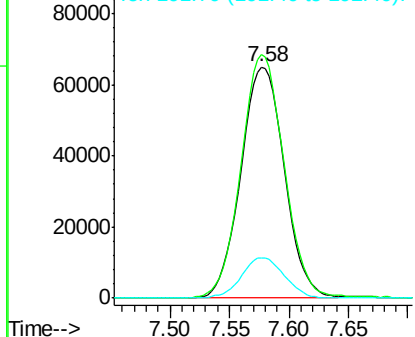


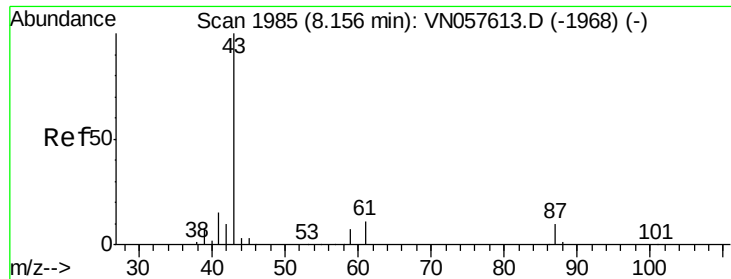
#35
Dibromofluoromethane
Concen: 34.619 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN057624.D
Acq: 31 Aug 2019 19:32

Tgt Ion:113 Resp: 164642
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 17.1 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: 5.637 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057624.D

Acq: 31 Aug 2019 19:32

Instrument :

MSVOA_N

ClientSampleId :

T4-S-D1-(0)RE

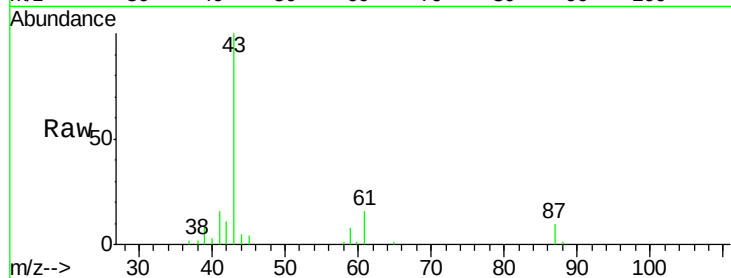
Tot Ion: 43 Resp: 69754

Ion Ratio Lower Upper

43 100

61 16.7 13.1 19.7

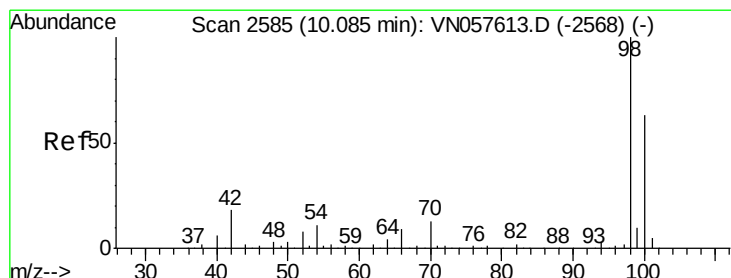
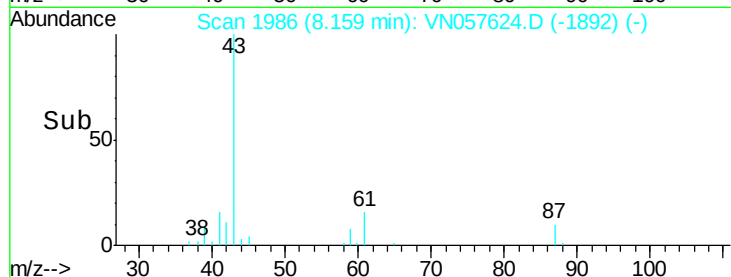
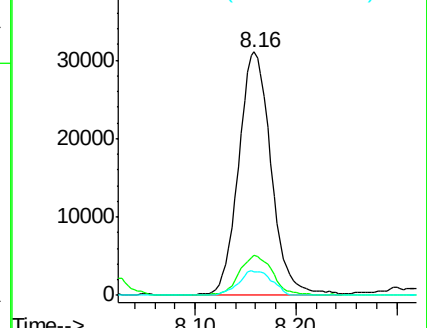
87 10.1 8.1 12.1



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: 37.391 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057624.D

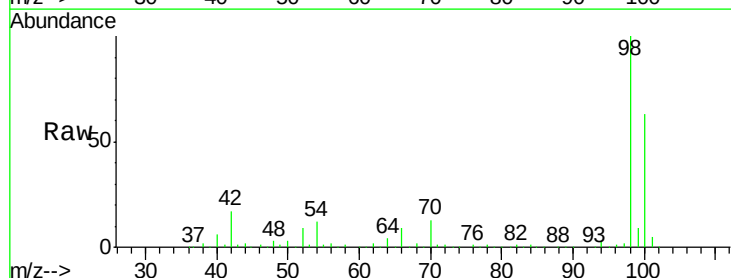
Acq: 31 Aug 2019 19:32

Tgt Ion: 98 Resp: 682721

Ion Ratio Lower Upper

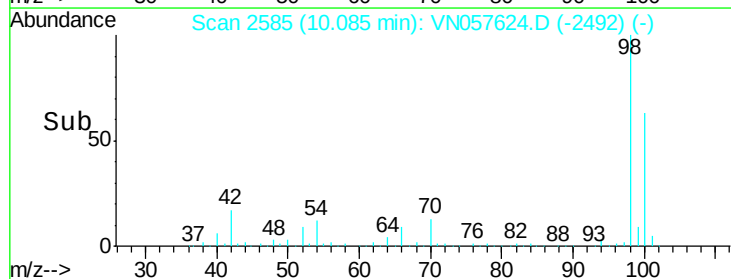
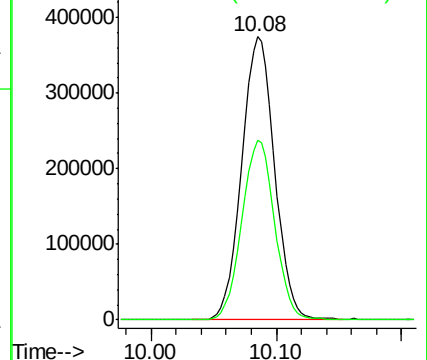
98 100

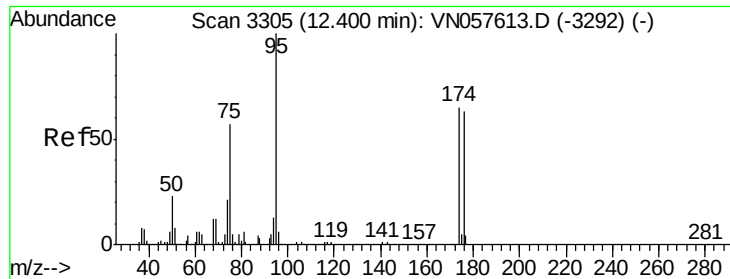
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 28.541 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057624.D

Acq: 31 Aug 2019 19:32

Instrument :

MSVOA_N

ClientSampled :

T4-S-D1-(0)RE

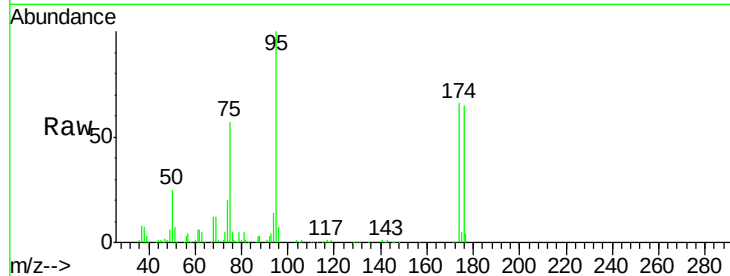
Tot Ion: 95 Resp: 198160

Ion Ratio Lower Upper

95 100

174 67.2 0.0 134.8

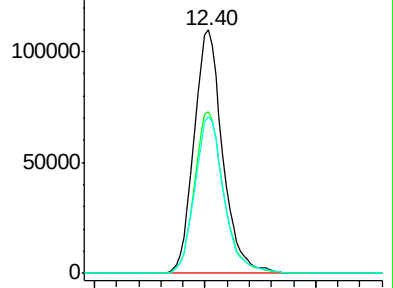
176 65.3 0.0 131.6



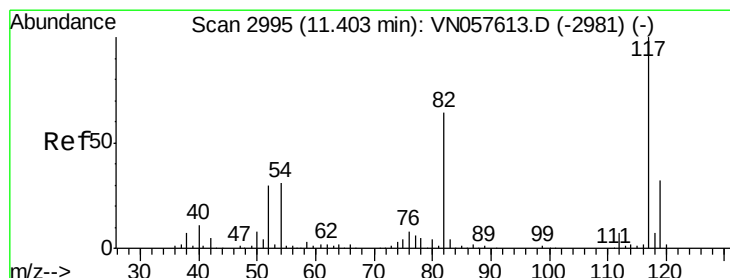
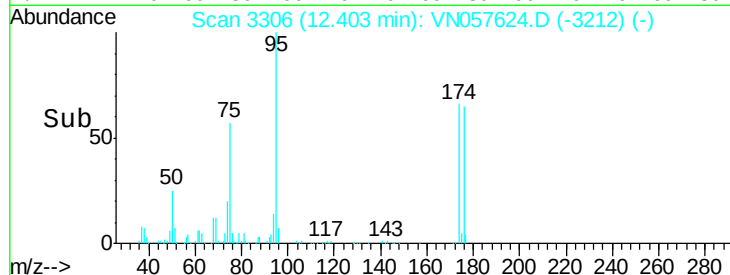
Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

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

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



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057624.D

Acq: 31 Aug 2019 19:32

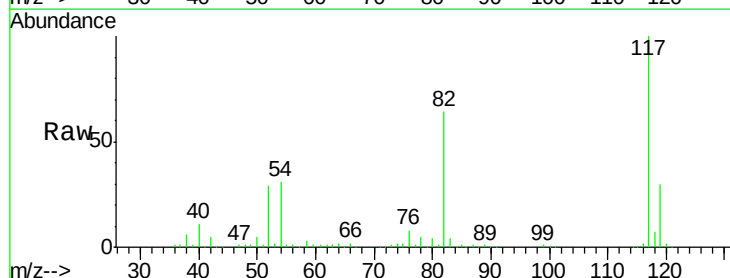
Tgt Ion: 117 Resp: 457367

Ion Ratio Lower Upper

117 100

82 63.5 51.6 77.4

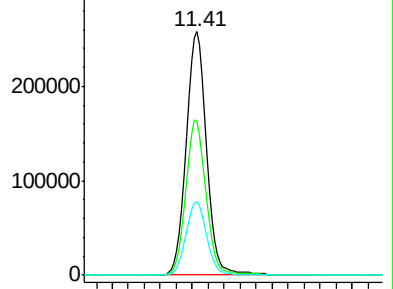
119 30.2 25.8 38.6



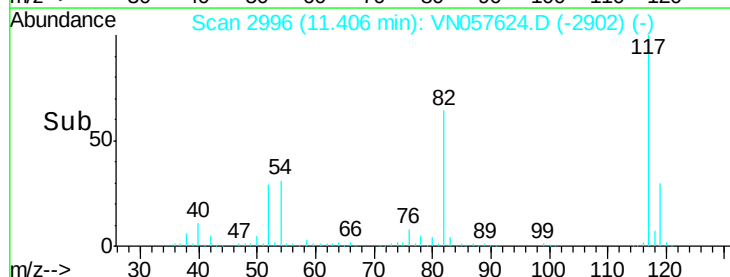
Abundance Ion 116.90 (116.60 to 117.60): VN057613.D (-2981) (-)

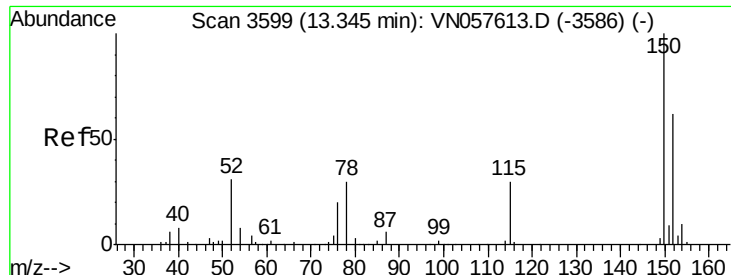
Ion 82.00 (81.70 to 82.70): VN057613.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057613.D (-2981) (-)



Time-->

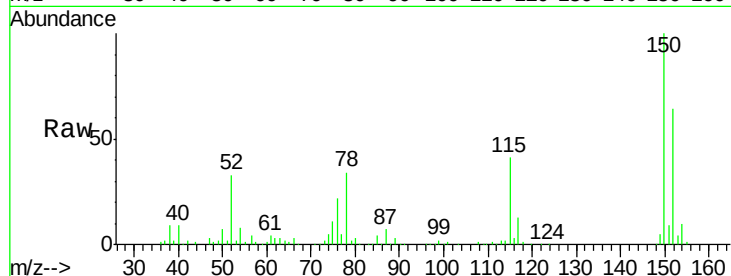




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057624.D
 Acq: 31 Aug 2019 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D1-(0)RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.3	33.2	99.6
150	157.4	0.0	365.2



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

