

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053104.D
 Acq On : 21 Dec 2018 16:12
 Operator : MD\SY
 Sample : J6423-01ME
 Misc : 5.38g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0638ME

Quant Time: Dec 22 10:14:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

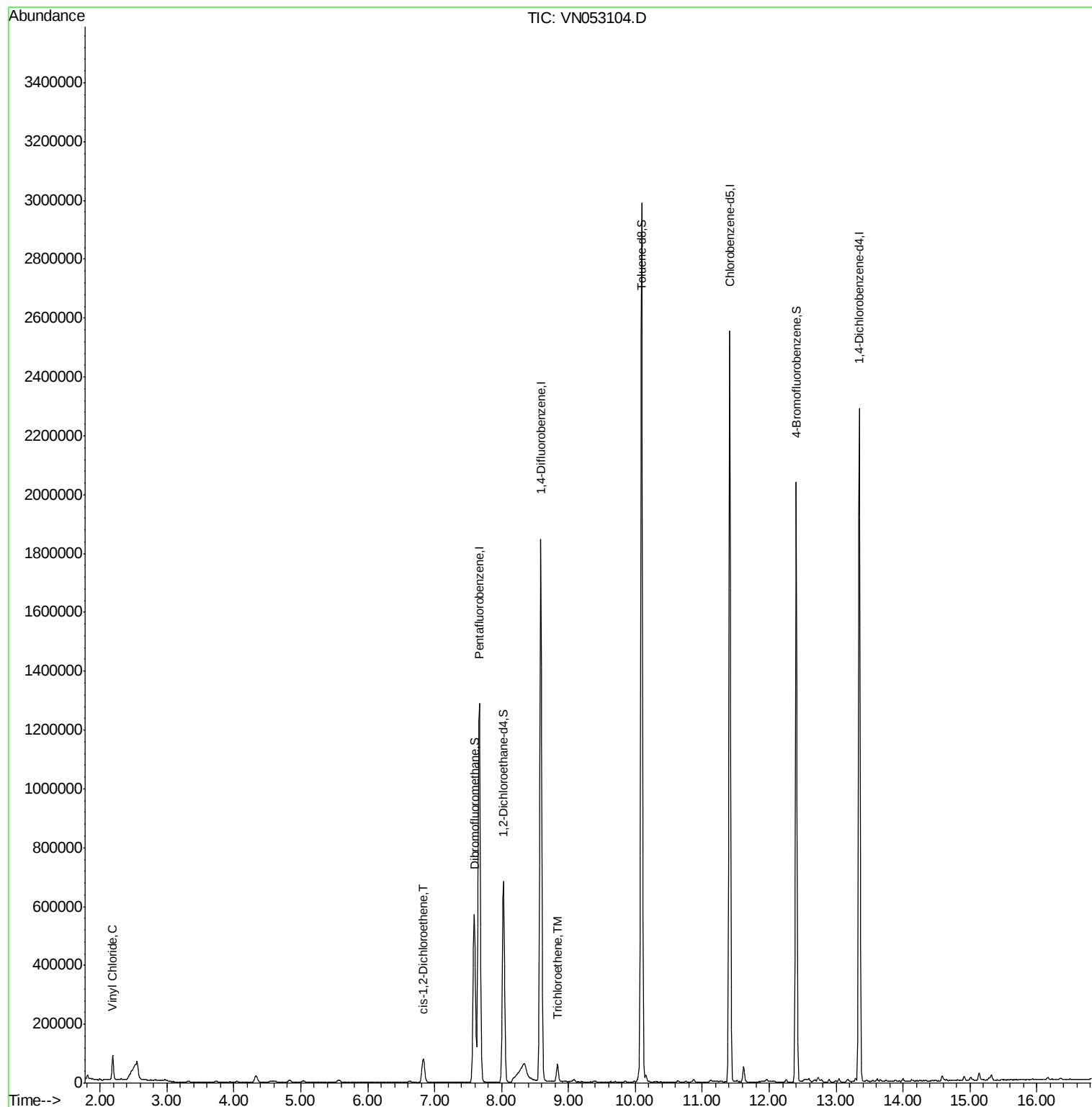
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1143451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1735968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1579342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	654526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	563127	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	438356	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
50) Toluene-d8	10.09	98	2142511	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	687244	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
4) Vinyl Chloride	2.19	62	76471	5.384	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	54959	4.146	ug/l	89
44) Trichloroethene	8.84	130	21617	1.508	ug/l	98

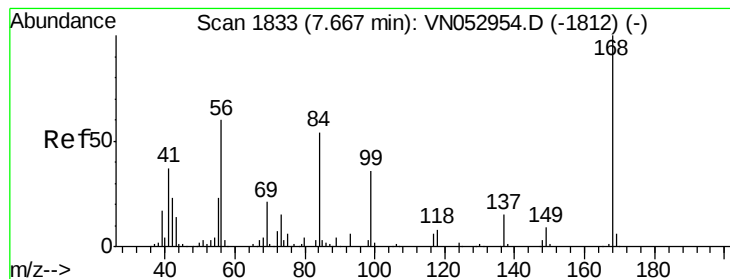
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
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Quant Time: Dec 22 10:14:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

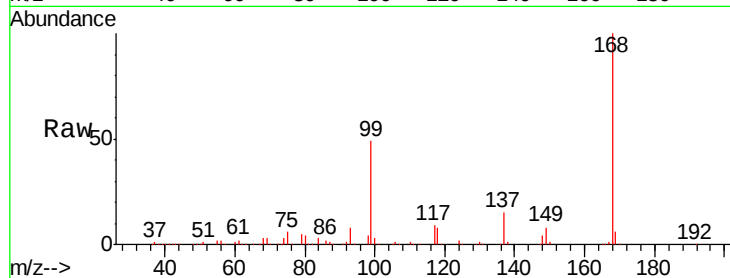
S32-0638ME

Tgt Ion:168 Resp: 1143451

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

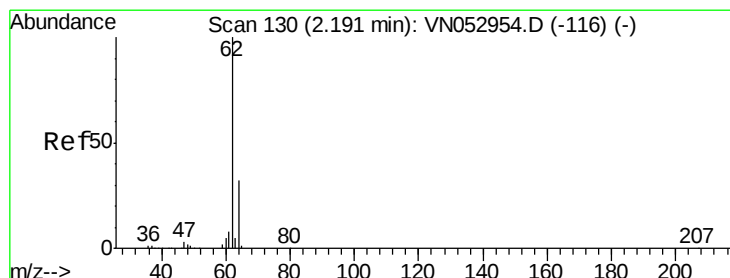
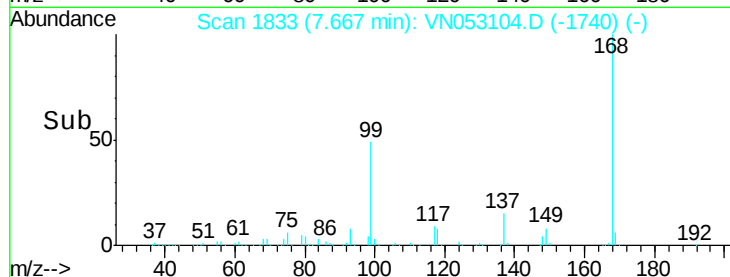
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 5.384 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053104.D

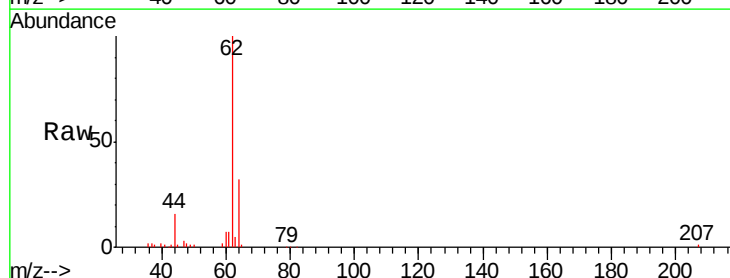
Acq: 21 Dec 2018 16:12

Tgt Ion: 62 Resp: 76471

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

50000

40000

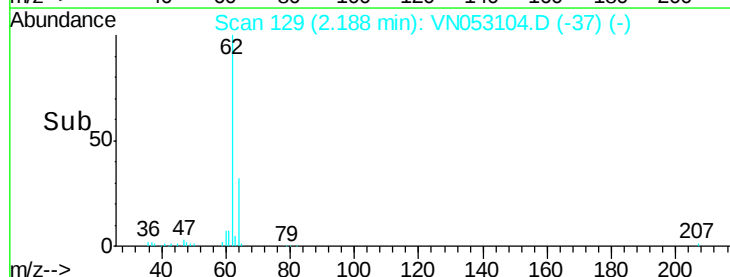
30000

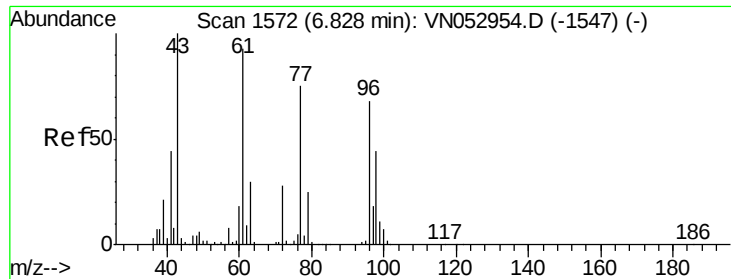
20000

10000

0

Time--> 2.10 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 4.146 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

S32-0638ME

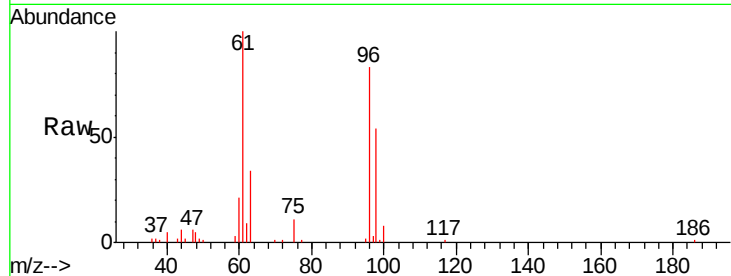
Tgt Ion: 96 Resp: 54959

Ion Ratio Lower Upper

96 100

61 122.6 0.0 284.2

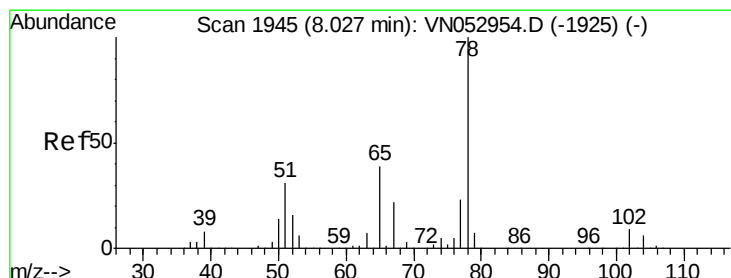
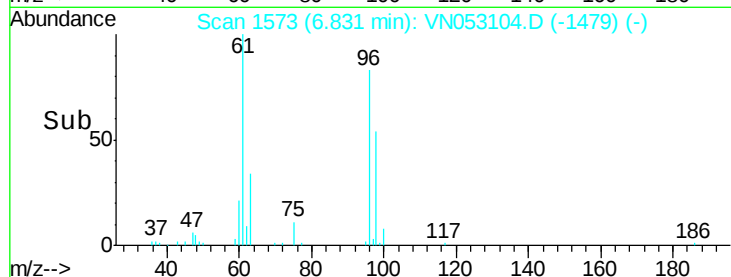
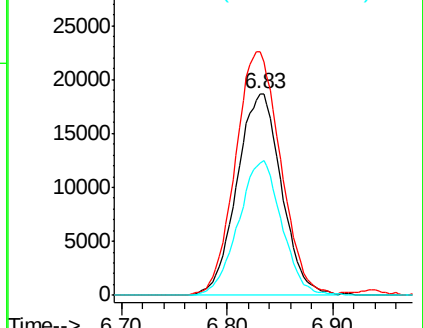
98 64.9 0.0 129.2



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053104.D

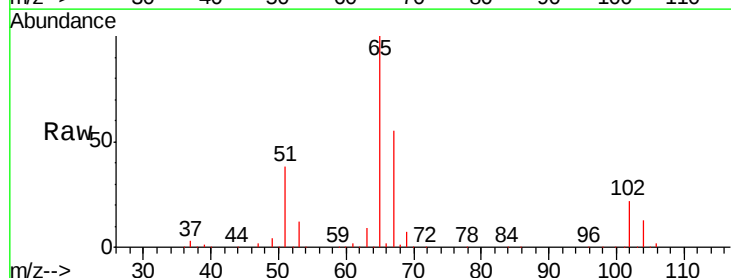
Acq: 21 Dec 2018 16:12

Tgt Ion: 65 Resp: 563127

Ion Ratio Lower Upper

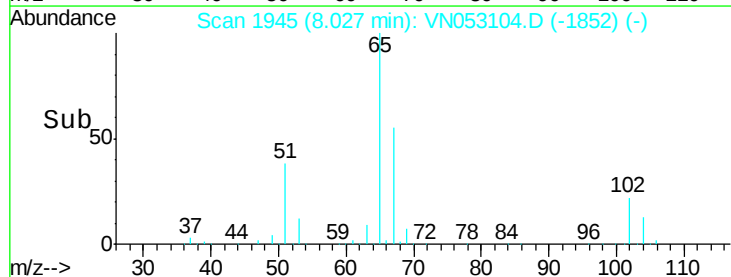
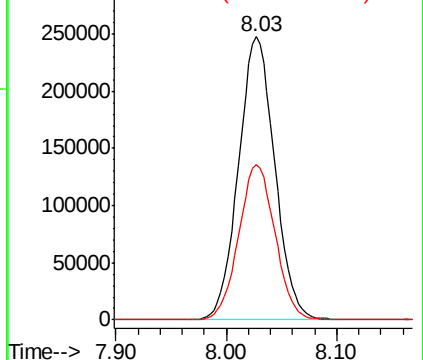
65 100

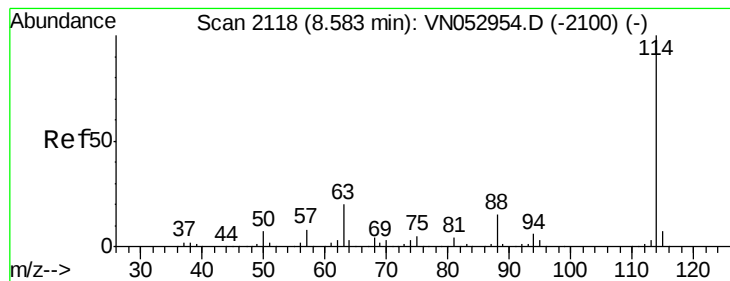
67 55.0 0.0 110.4



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

S32-0638ME

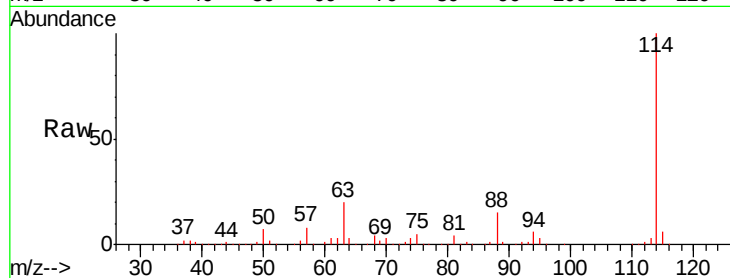
Tgt Ion:114 Resp: 1735968

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

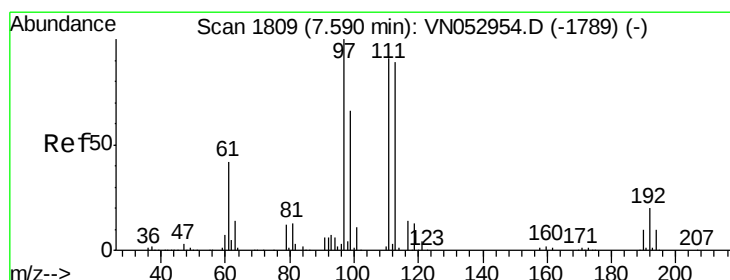
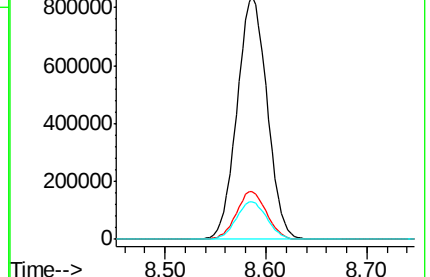
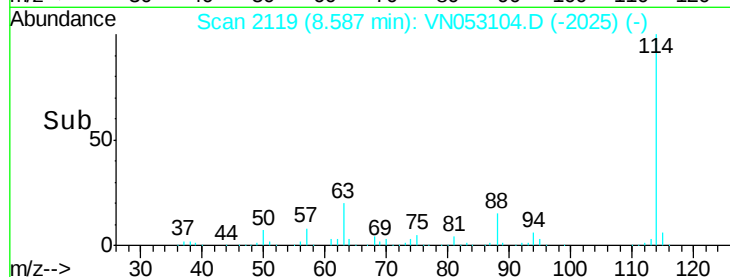
88 15.5 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

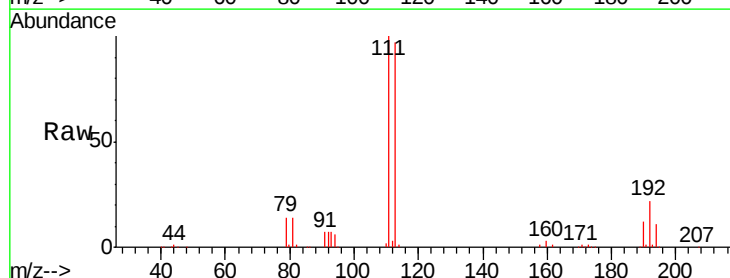
Tgt Ion:113 Resp: 438356

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

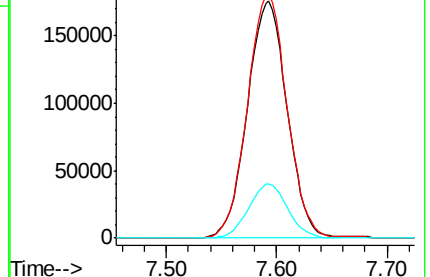
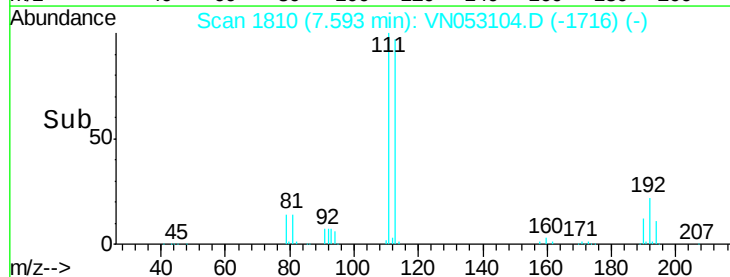
192 22.6 17.5 26.3

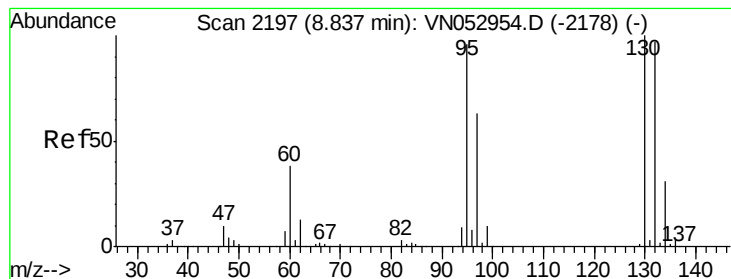


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.508 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

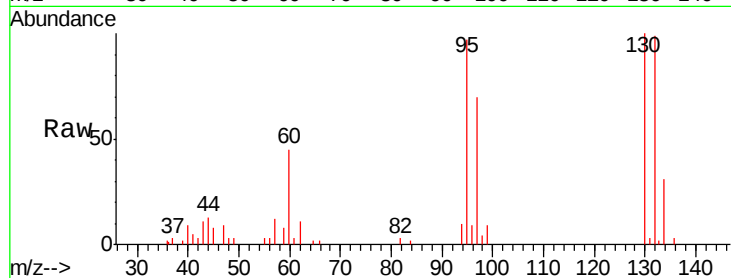
S32-0638ME

Tgt Ion:130 Resp: 21617

Ion Ratio Lower Upper

130 100

95 97.1 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN053104.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN053104.D (-2178) (-)

8.84

12000

10000

8000

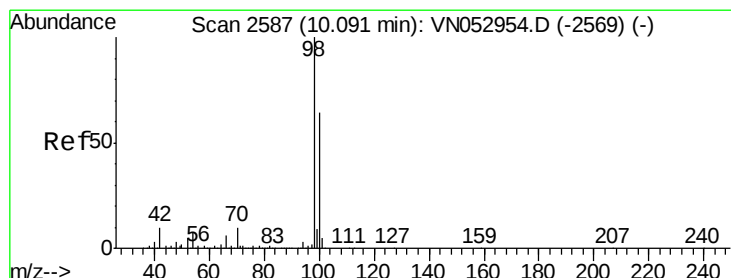
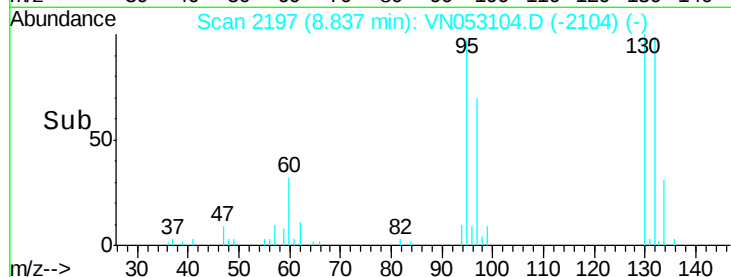
6000

4000

2000

0

Time--> 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053104.D

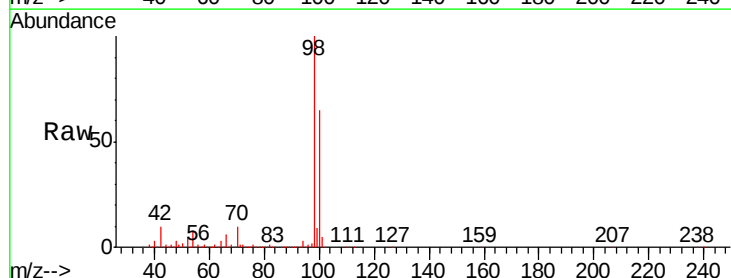
Acq: 21 Dec 2018 16:12

Tgt Ion: 98 Resp: 2142511

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053104.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053104.D (-2569) (-)

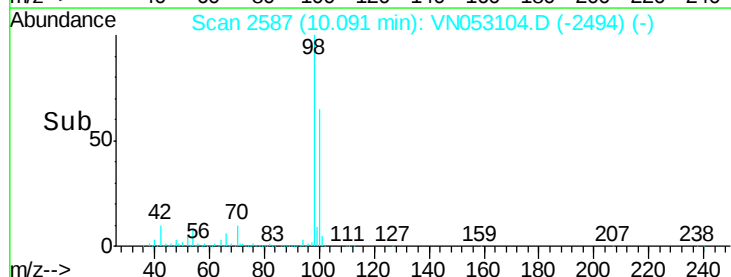
10.09

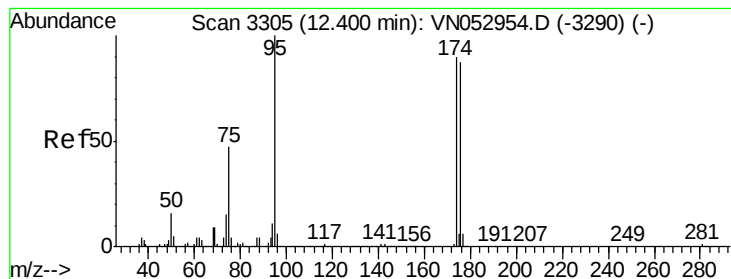
1000000

500000

0

Time--> 10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

S32-0638ME

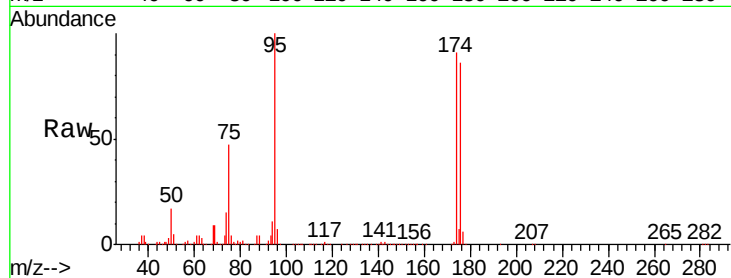
Tgt Ion: 95 Resp: 687244

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

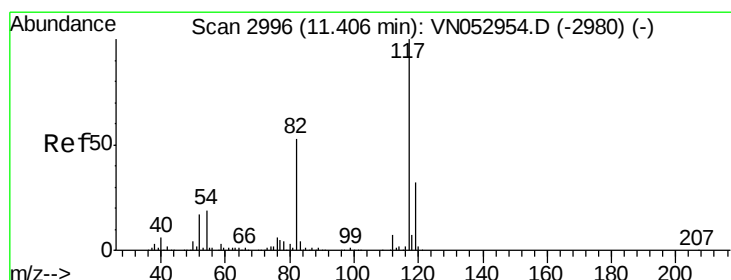
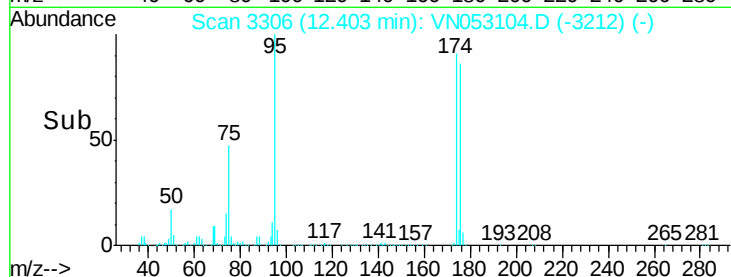
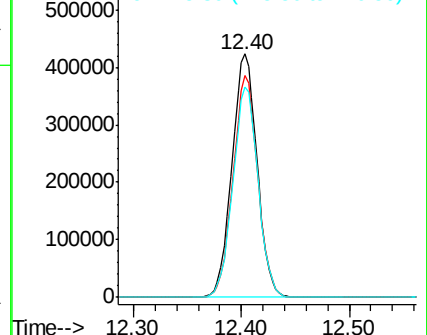
176 86.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

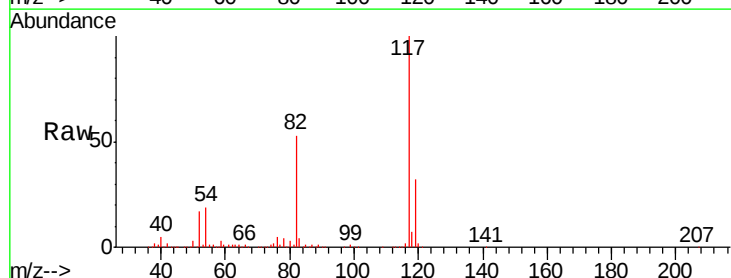
Tgt Ion: 117 Resp: 1579342

Ion Ratio Lower Upper

117 100

82 53.5 42.8 64.2

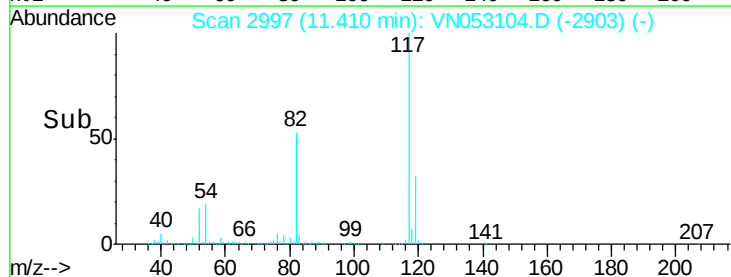
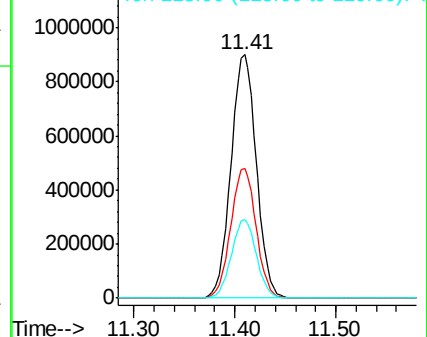
119 32.4 25.5 38.3

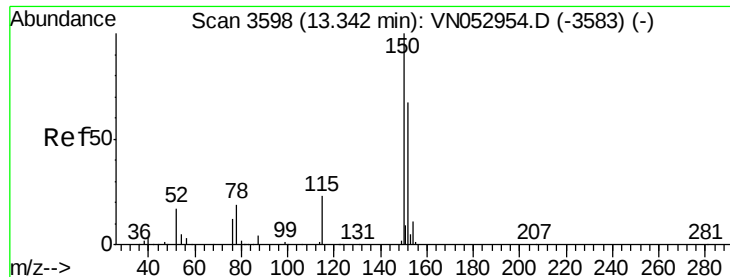


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053104.D

Acq: 21 Dec 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

S32-0638ME

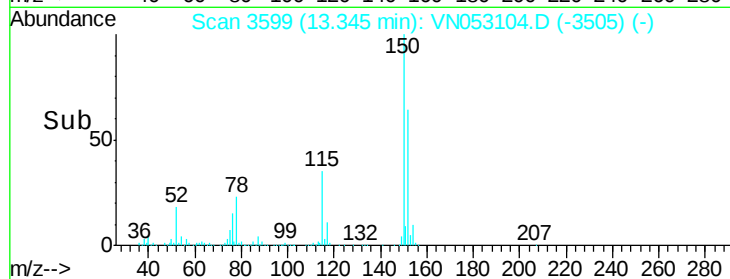
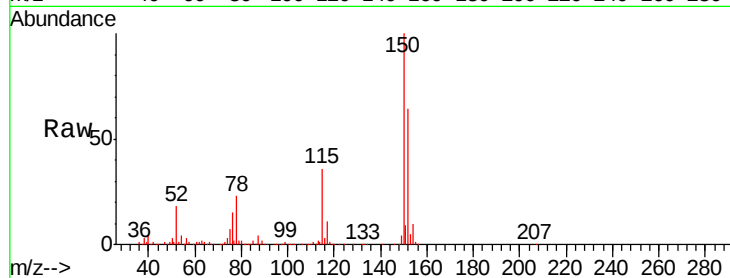
Tgt Ion:152 Resp: 654526

Ion Ratio Lower Upper

152 100

115 55.3 28.3 85.0

150 155.6 0.0 347.8



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

800000

600000

400000

200000

0

13.30 13.35 13.40

Time-->