

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056162.D
 Acq On : 10 Jun 2019 12:02
 Operator : JC/SP
 Sample : K3203-10DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604DL

Quant Time: Jun 11 11:16:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

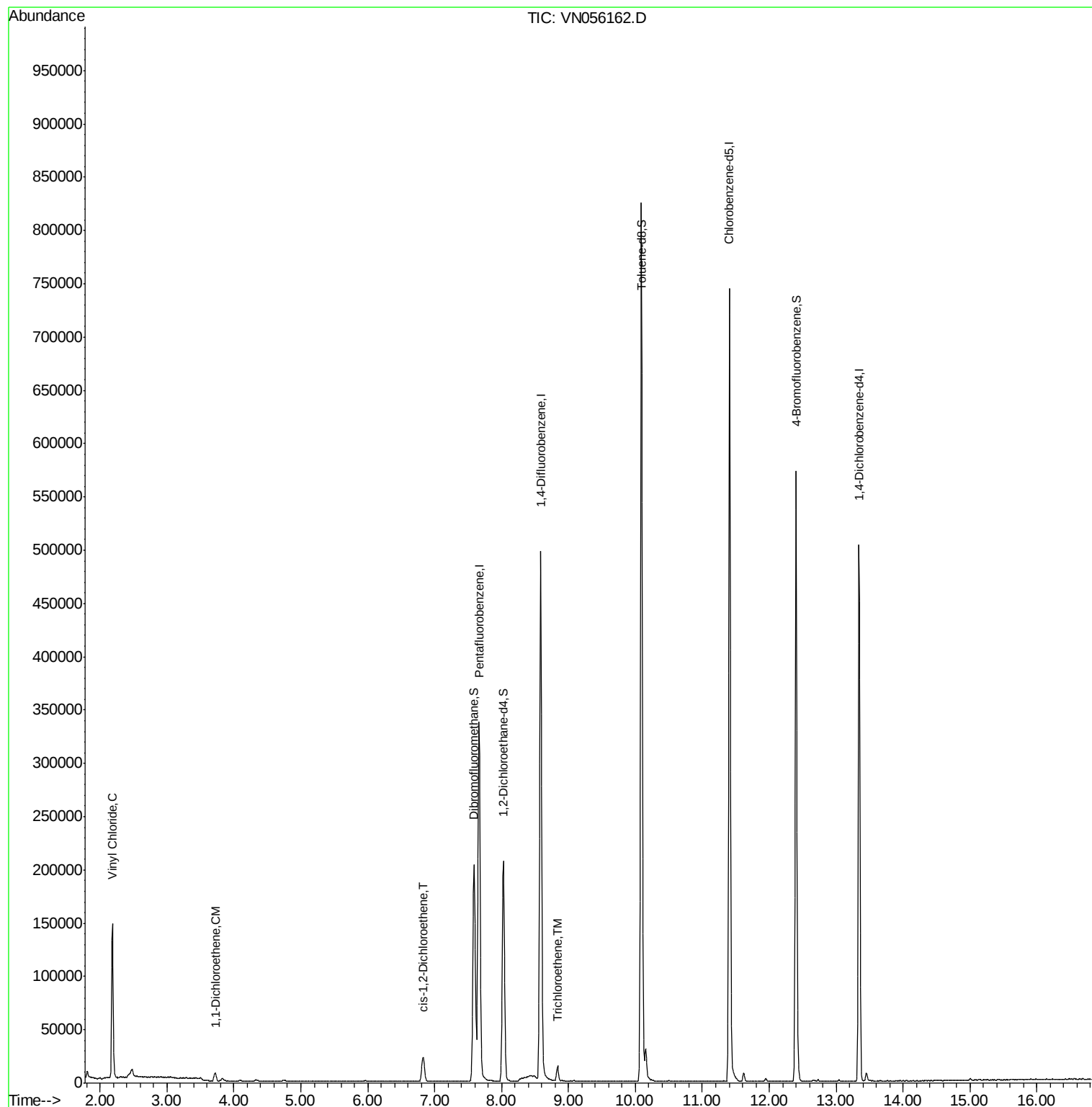
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	319628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	489789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	477463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	169382	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	7.59	113	157319	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
50) Toluene-d8	10.09	98	618438	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.40	95	202226	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
Target Compounds						
4) Vinyl Chloride	2.18	62	138673	39.900	ug/l	99
12) 1,1-Dichloroethene	3.72	96	4525	1.686	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	16674	4.934	ug/l	90
44) Trichloroethene	8.84	130	5822	1.584	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056162.D

Acq: 10 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

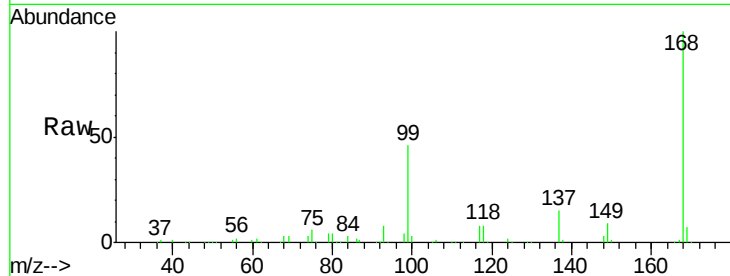
DUP-0530-190604DL

Tot Ion:168 Resp: 319628

Ion Ratio Lower Upper

168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

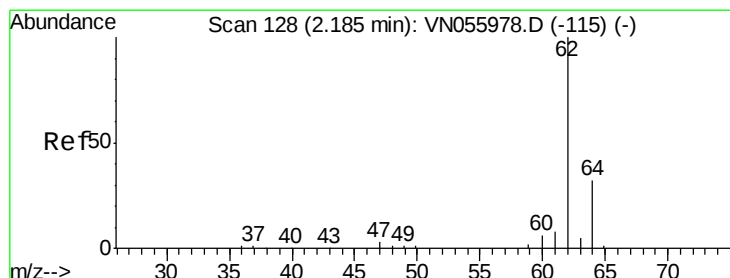
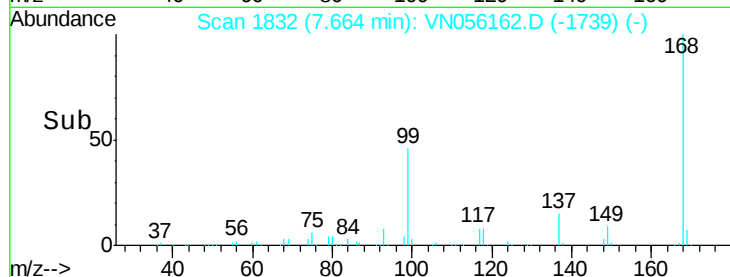
100000

50000

0

Time-->

7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 39.900 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056162.D

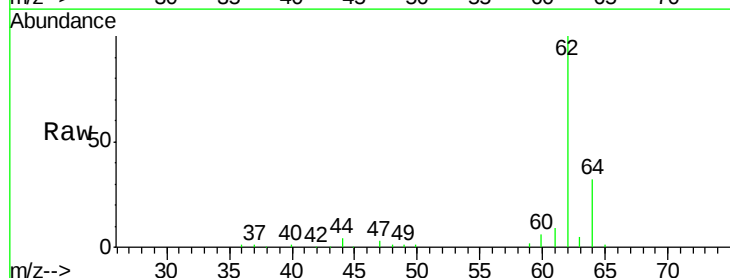
Acq: 10 Jun 2019 12:02

Tgt Ion: 62 Resp: 138673

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN055978.D (-115) (-)

Ion 63.90 (63.60 to 64.60): VN055978.D (-115) (-)

2.18

100000

80000

60000

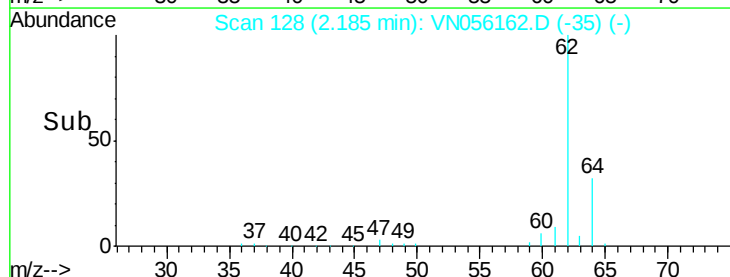
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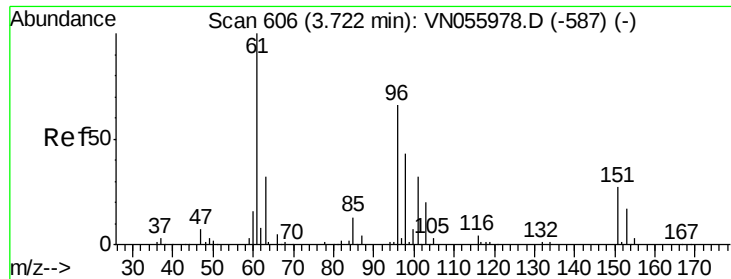
20000

0

Time-->

2.10 2.15 2.20 2.25





#12

1,1-Dichloroethene

Concen: 1.686 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.01 min

Lab File: VN056162.D

Acq: 10 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

DUP-0530-190604DL

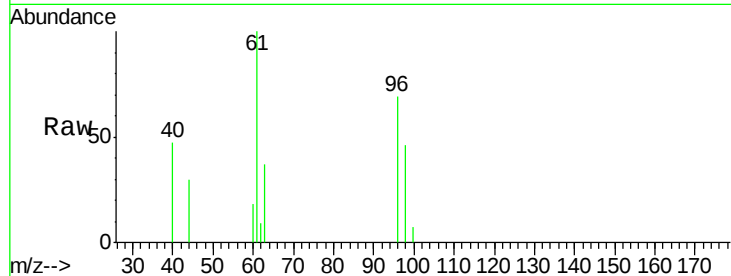
Tot Ion: 96 Resp: 4525

Ion Ratio Lower Upper

96 100

61 145.4 123.2 184.8

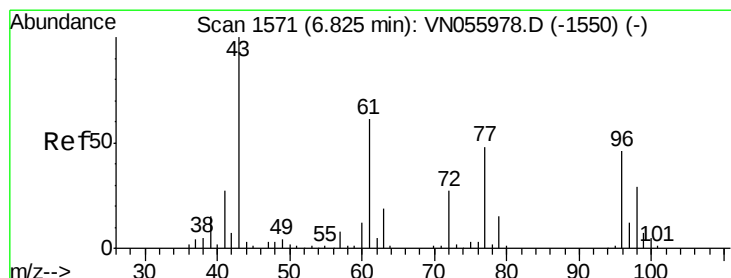
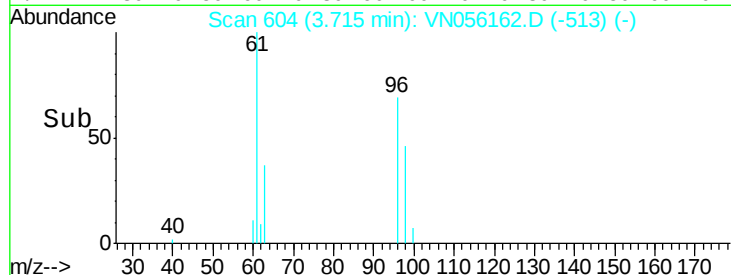
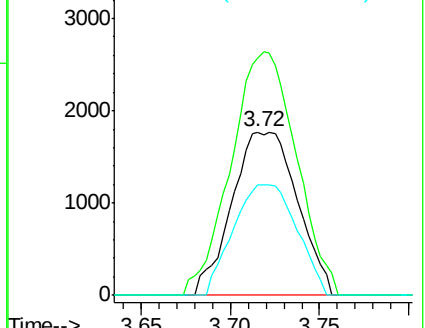
98 67.4 50.4 75.6



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



#27

cis-1,2-Dichloroethene

Concen: 4.934 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056162.D

Acq: 10 Jun 2019 12:02

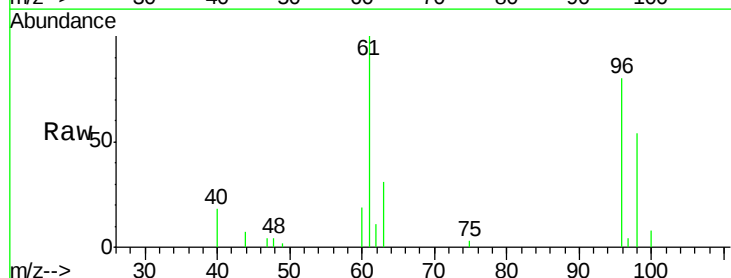
Tgt Ion: 96 Resp: 16674

Ion Ratio Lower Upper

96 100

61 121.5 0.0 275.8

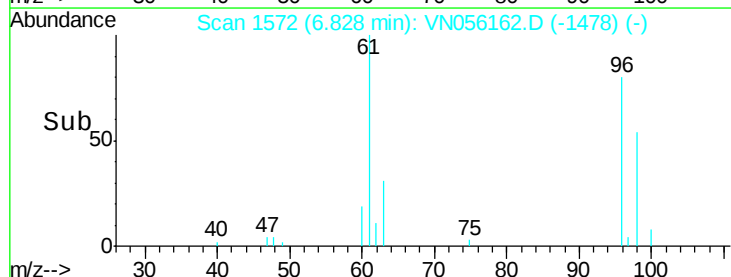
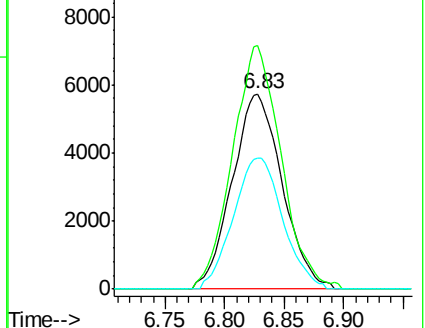
98 66.4 0.0 128.4

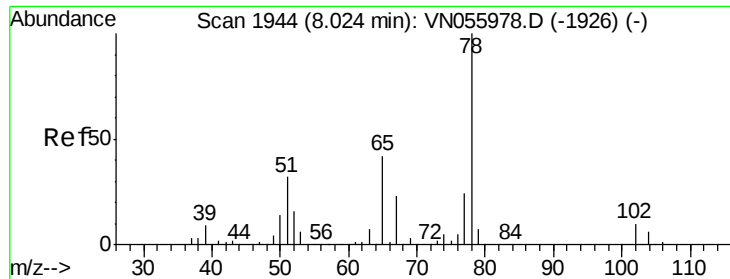


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

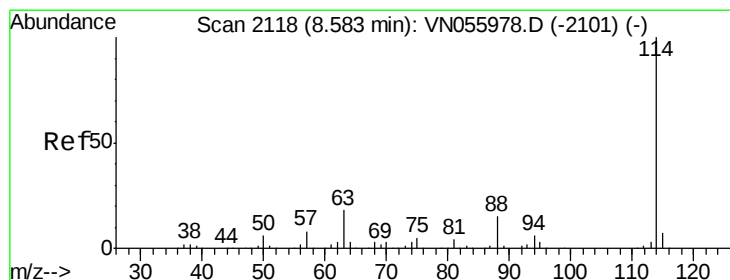
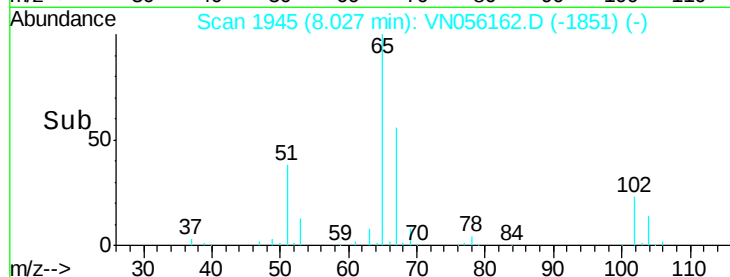
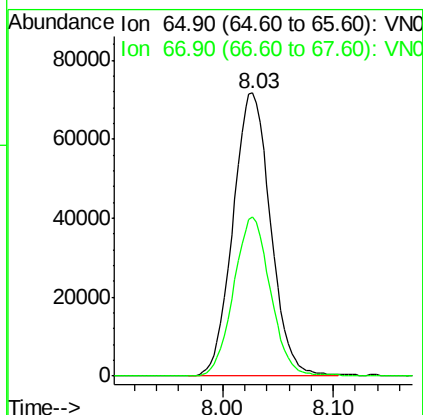
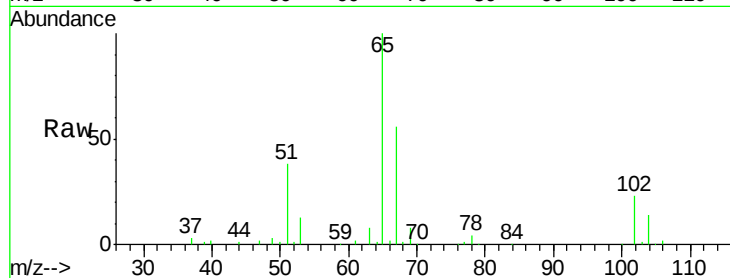




#33
 1,2-Dichloroethane-d4
 Concen: 53.372 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056162.D
 Acq: 10 Jun 2019 12:02

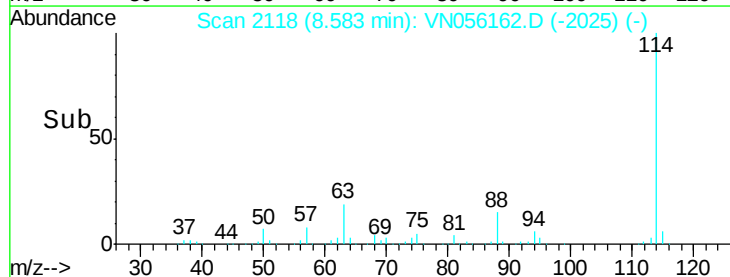
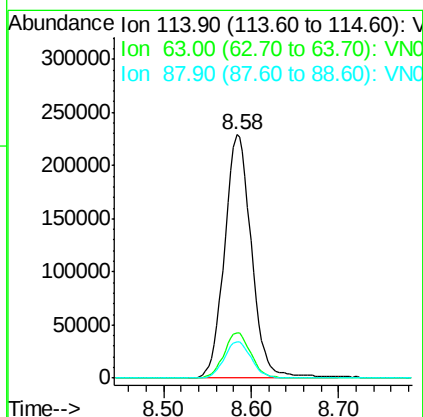
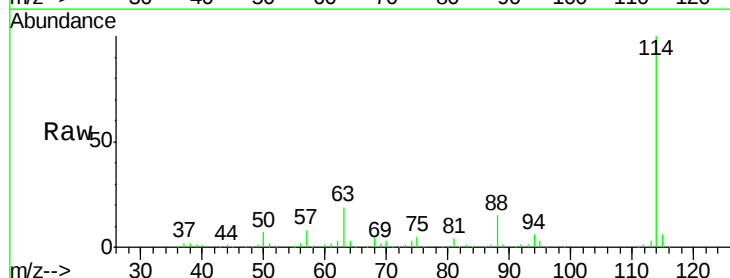
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0530-190604DL

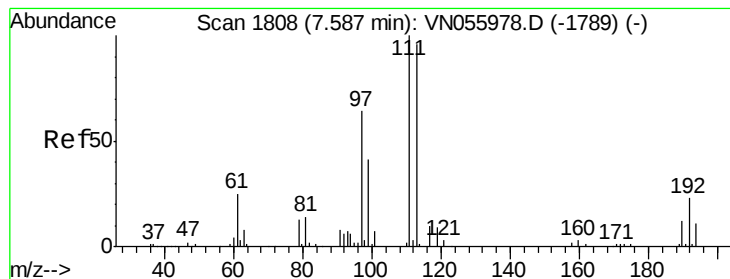
Tot Ion: 65 Resp: 169382
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056162.D
 Acq: 10 Jun 2019 12:02

Tgt Ion: 114 Resp: 489789
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.352 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056162.D

Acq: 10 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

DUP-0530-190604DL

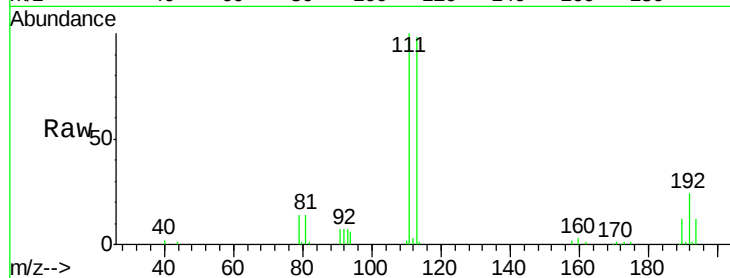
Tot Ion:113 Resp: 157319

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

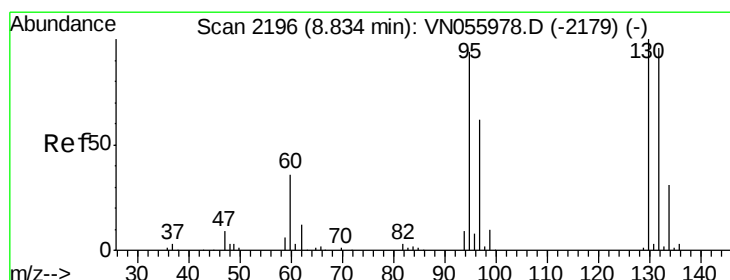
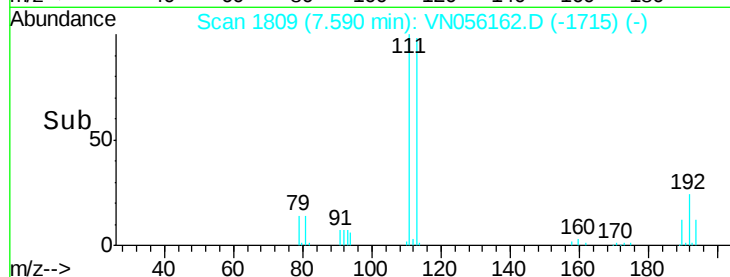
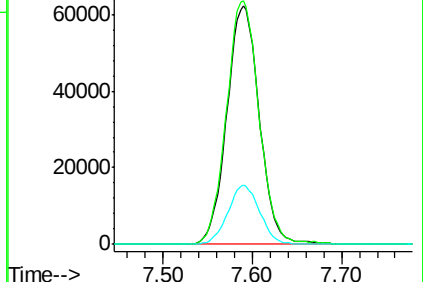
192 24.3 19.5 29.3



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: 1.584 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056162.D

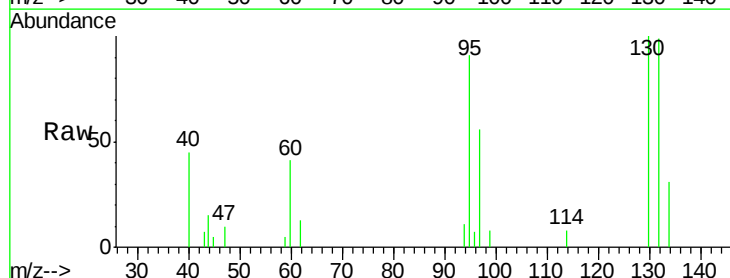
Acq: 10 Jun 2019 12:02

Tgt Ion:130 Resp: 5822

Ion Ratio Lower Upper

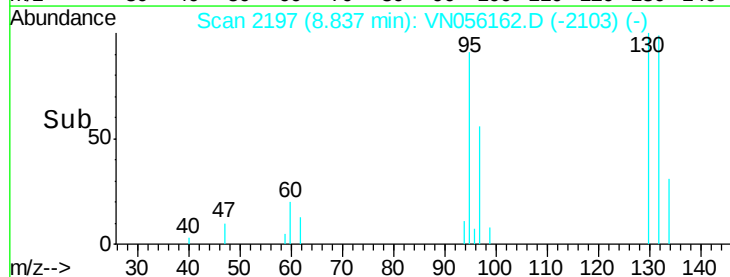
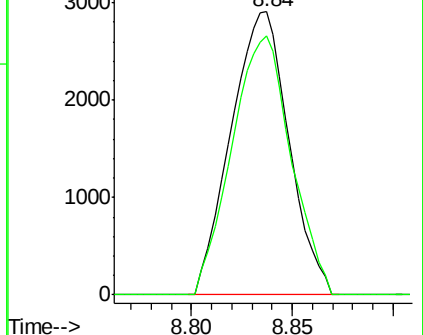
130 100

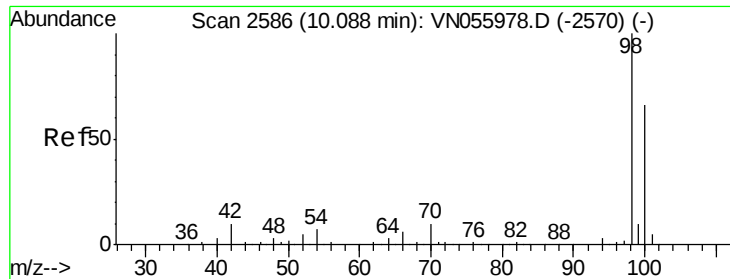
95 91.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.483 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056162.D

Acq: 10 Jun 2019 12:02

Instrument :

MSVOA_N

ClientSampleId :

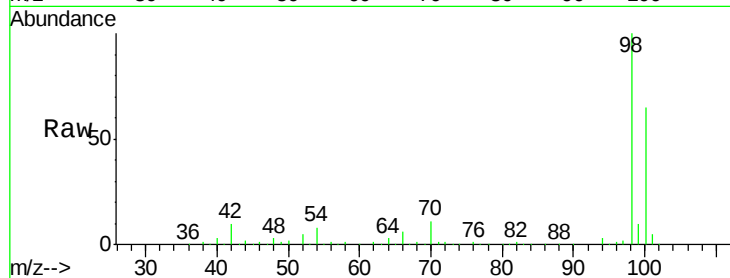
DUP-0530-190604DL

Tot Ion: 98 Resp: 618438

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

300000

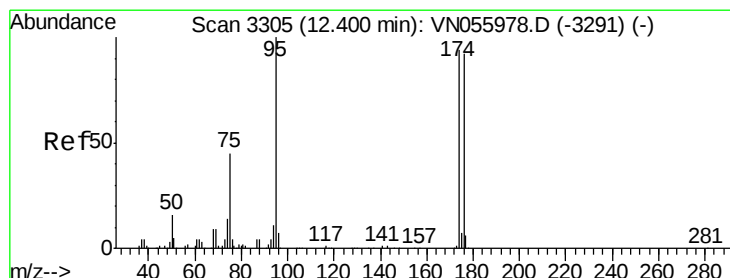
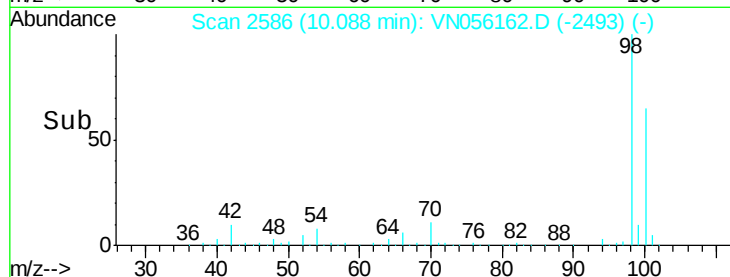
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 51.426 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056162.D

Acq: 10 Jun 2019 12:02

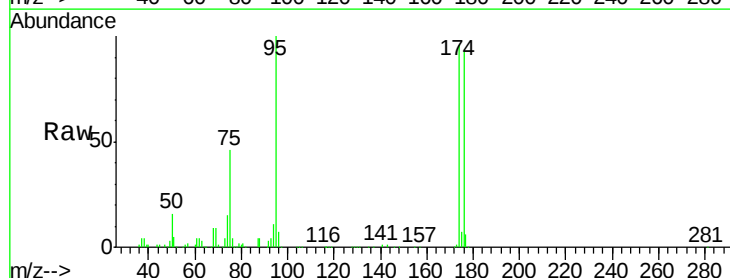
Tgt Ion: 95 Resp: 202226

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

176 93.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)

12.40

150000

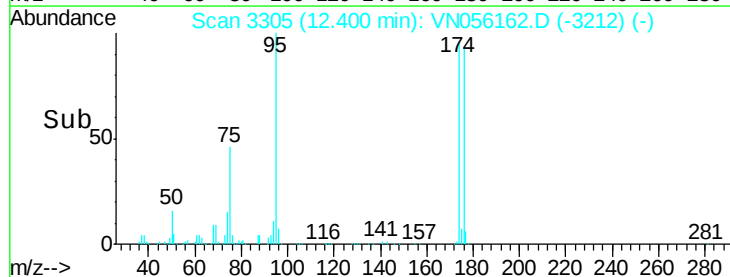
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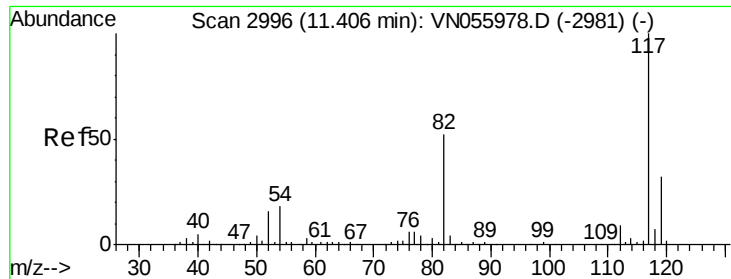
50000

0

Time-->

12.30 12.40 12.50

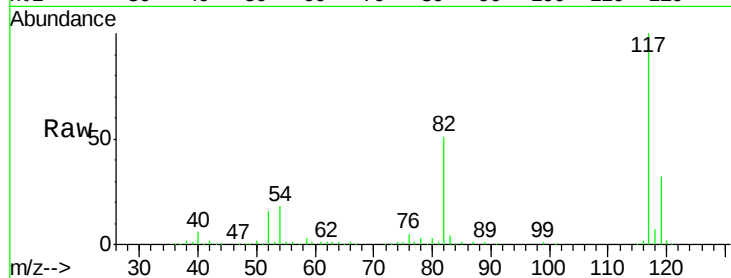




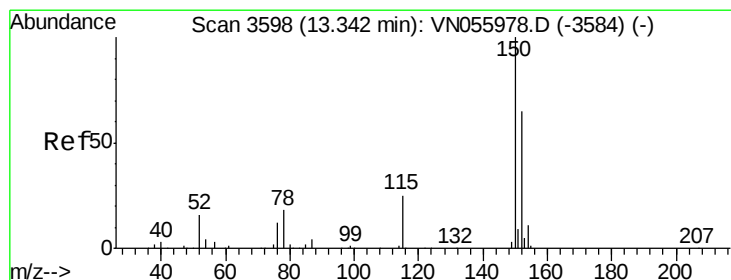
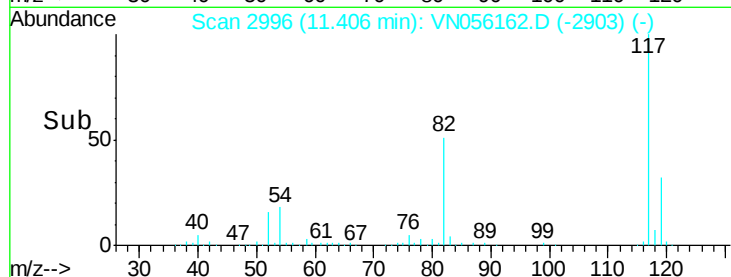
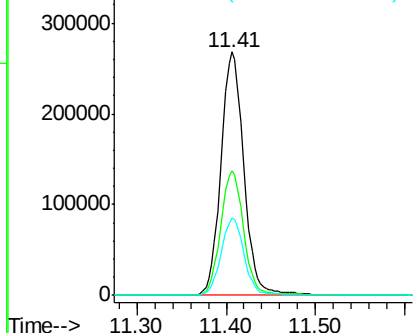
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056162.D
Acq: 10 Jun 2019 12:02

Instrument :
MSVOA_N
ClientSampleId :
DUP-0530-190604DL

Tot Ion:117 Resp: 477463
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 31.7 25.4 38.0

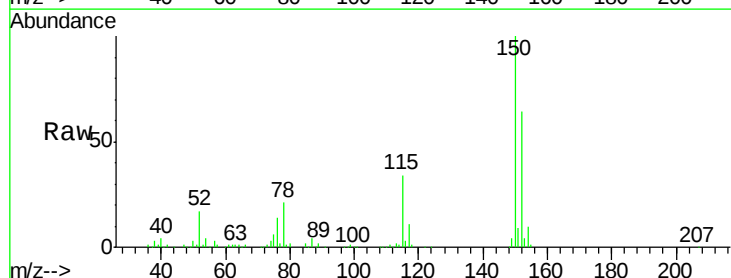


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056162.D
Acq: 10 Jun 2019 12:02

Tgt Ion:152 Resp: 158453
Ion Ratio Lower Upper
152 100
115 53.0 27.0 81.0
150 155.1 0.0 343.2



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

